

REGULAR, THAR-FOR4 & THAR-FOR1 INSTALLATION
ADDENDUM - SUGGESTED WIRING CONFIGURATION


"Vehicle functions supported in this diagram (functional if equipped)

VEHICLE
YEARS

Immobilizer bypass	T-harness available (Sold separately)	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Tachometer	Door Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
•	•	•	•	•	•	•	•	•	•	•	•	•	•

FORD

Edge 40-bits 2007-2010


 FIRMWARE VERSION
VERSION LOGICIELLE

71.[52]

MINIMUM

 To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

Program bypass option:
UNIT OPTION
DESCRIPTION
A5
ON

 AUX.1
Par défaut with OEM alarm

OFF

 AUX.1
without OEM alarm

C1

 OEM Remote status (Lock/Unlock)
monitoring

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:
A11
OFF

Hood trigger (Output Status).

MANDATORY INSTALL
***HOOD PIN**

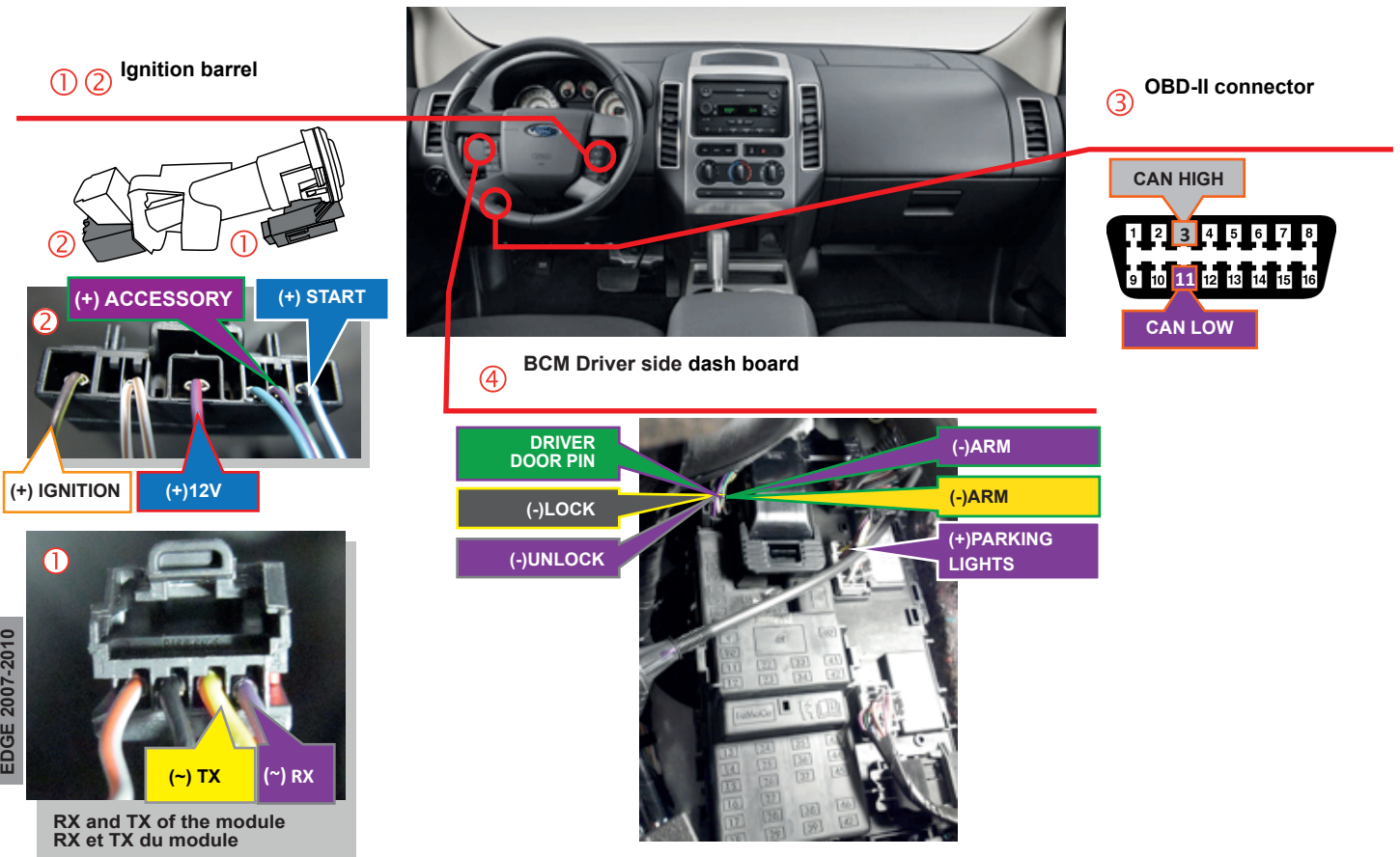
HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11
OFF
Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

	Parts required (Not included)	PAGE
WIRE TO WIRE DIAGRAM		
	1x 7.5 Amp. fuse 1x fuse 2x 1Amp. Diodes (with OEM alarm) 1x 1Amp. Diodes (without OEM alarm)	Page 3
THARNNESS DIAGRAM		
THARNNESS THAR-FORD4	1x THAR-FOR4 1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm)	Page 4
THARNNESS THAR-FORD1	1x THAR-FOR1 1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm) 1x 1Amp. Diodes (without OEM alarm)	Page 5



T-HARNNESS: 12V BATTERY

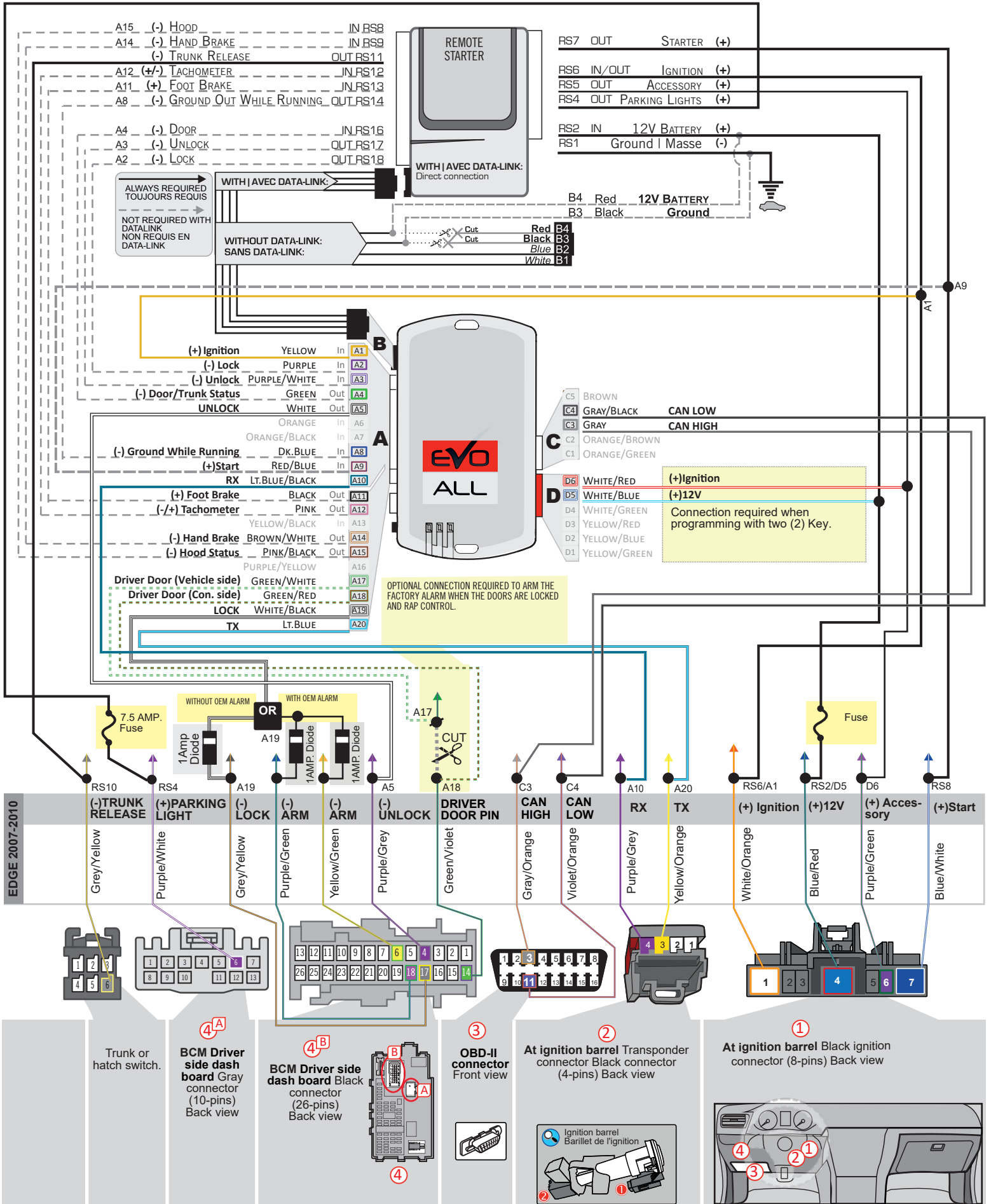


ATTENTION THE T-HARNNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

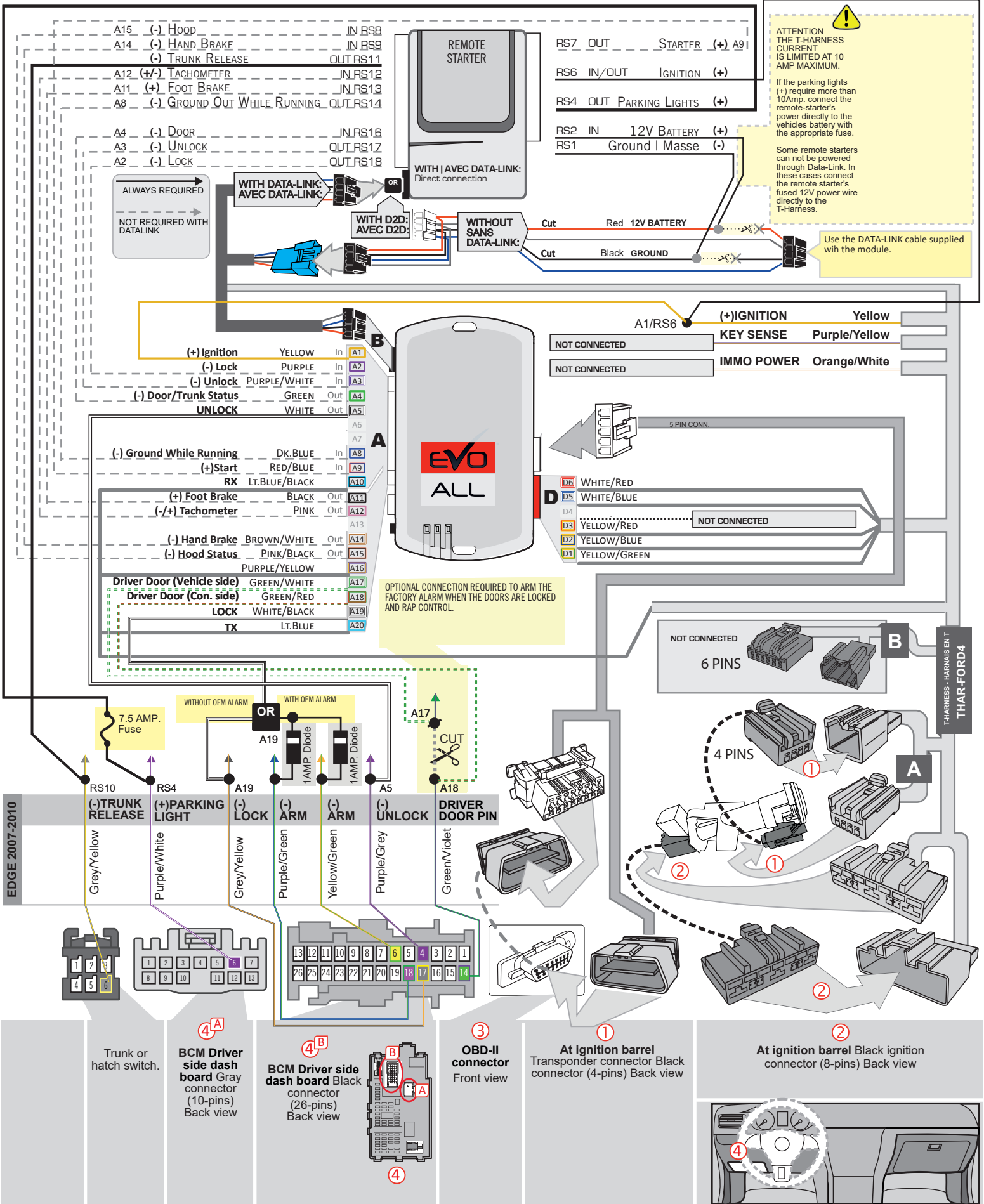
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

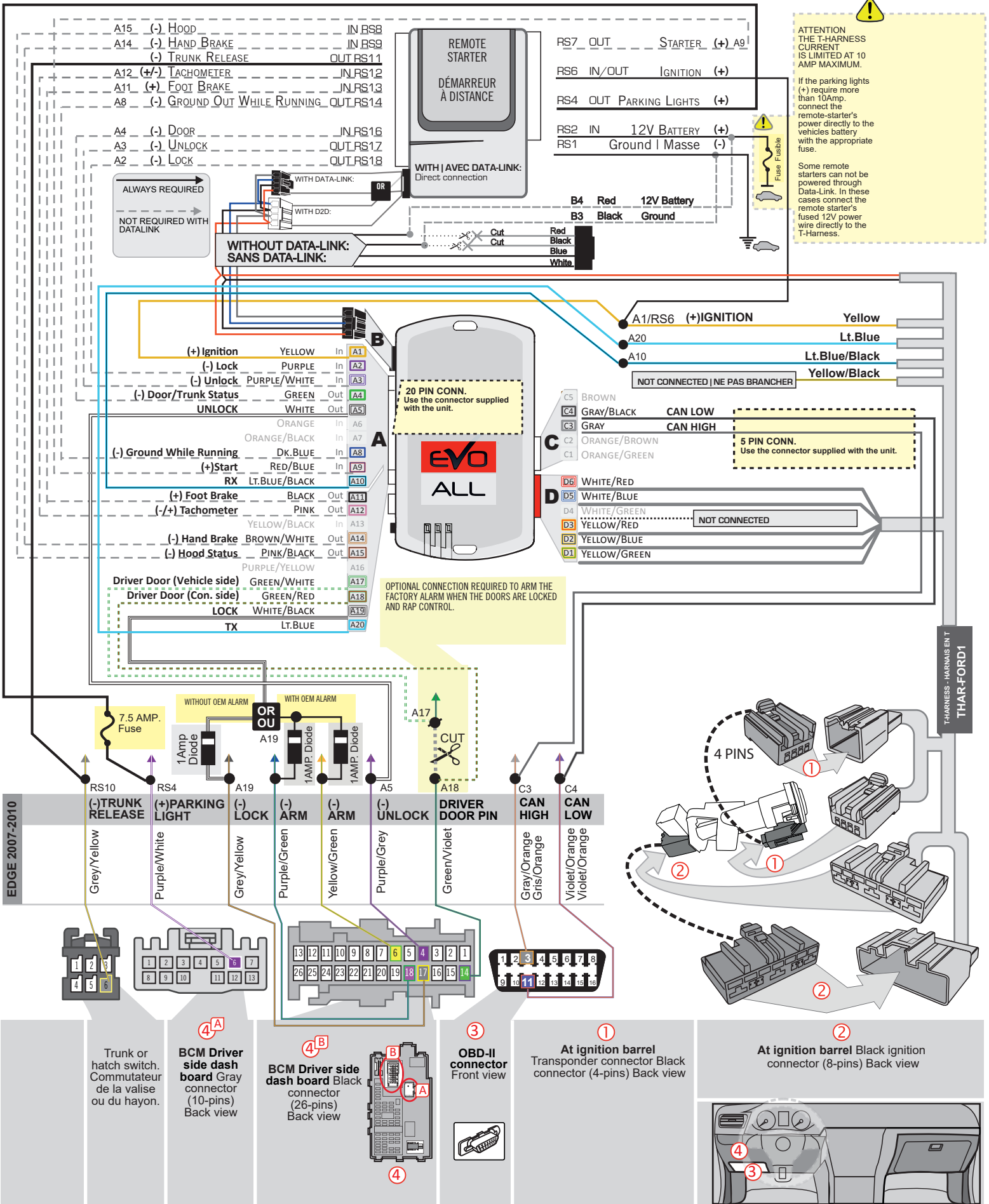
WIRING CONNECTION



THAR-FOR4 - INSTALLATION WIRING




THAR-FOR1 - INSTALLATION WIRING



KEY BYPASS PROGRAMMING PROCEDURE 1/2

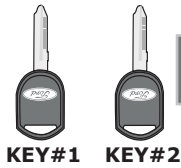
Choose between :



2 key programming.

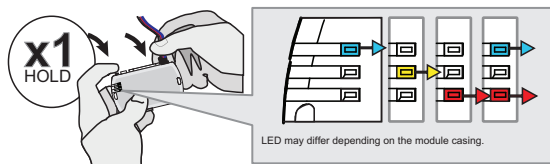


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

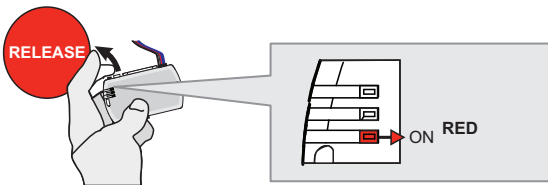
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

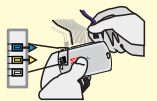
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

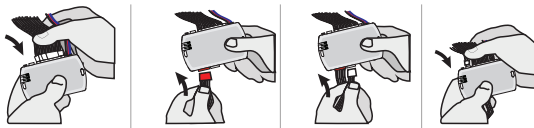


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

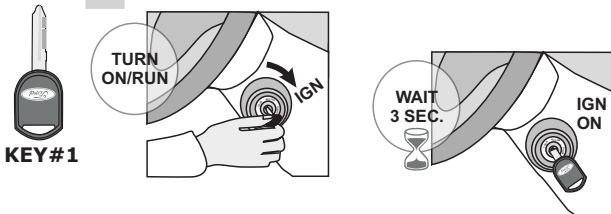


3



Insert the required remaining connectors.

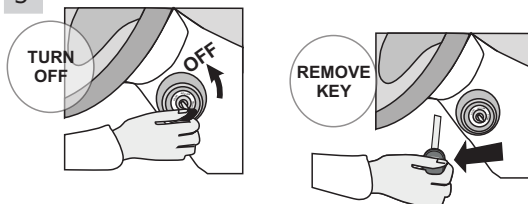
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

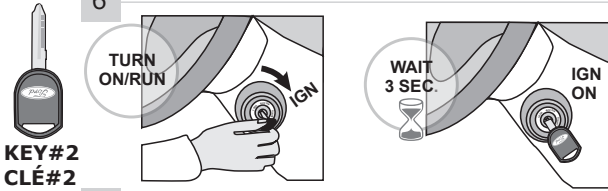
5



Turn the key to the OFF position.

Remove the first key.

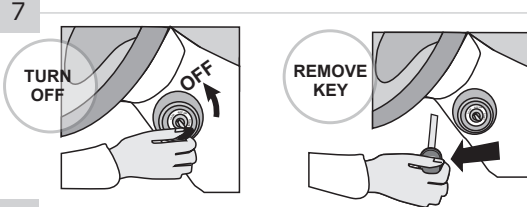
KEY BYPASS PROGRAMMING PROCEDURE 2/2



KEY#2
CLÉ#2

Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



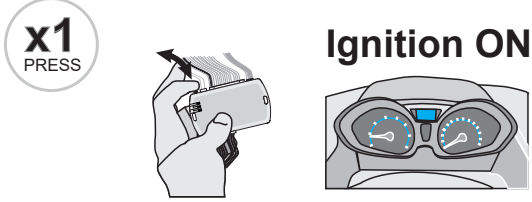
Turn the key to the OFF position.

Remove the second key.

8

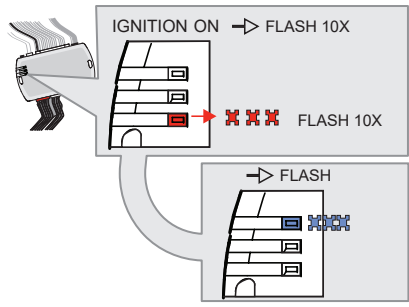
CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.

5 sec. max



Press and release the programming button.

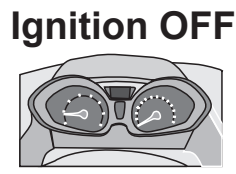
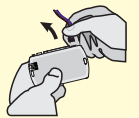
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

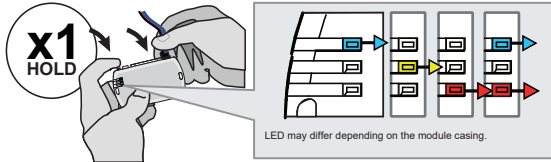
- 1x **FLASH LINK UPDATER**,
FLASH LINK MANAGER
SOFTWARE
- 1x Microsoft Windows Computer with Internet connection

OR
OU

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- 1x Smartphone *Android or iOS* with Internet connection
(Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

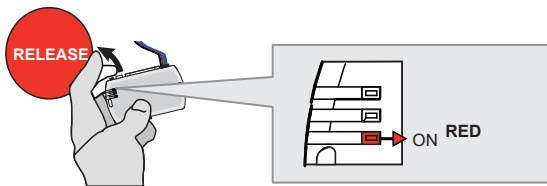
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

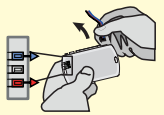
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

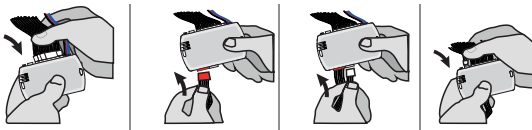


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

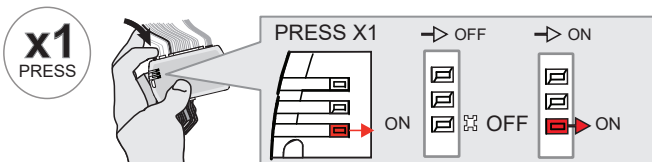


3



Insert the required remaining connectors.

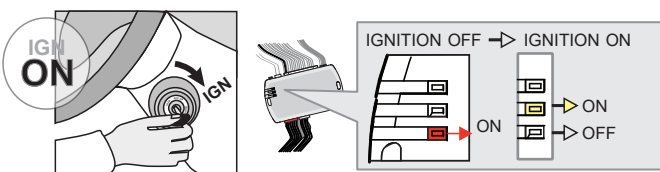
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



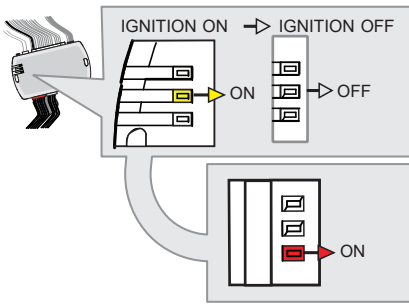
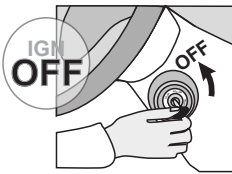
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

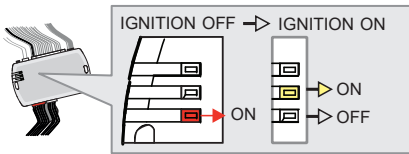
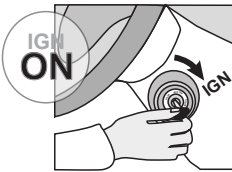
6



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

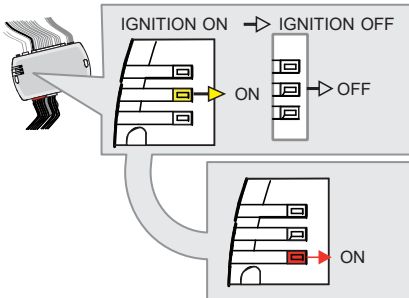
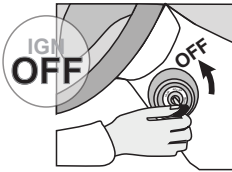
↳ The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳ The RED LED will turn OFF.
↳ The YELLOW LED will turn on.

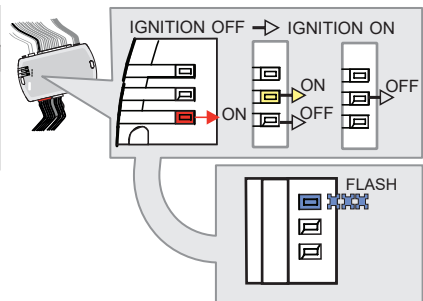
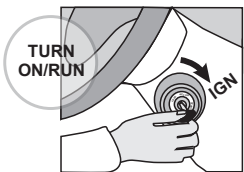
8



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

↳ The RED LED will turn on.

9

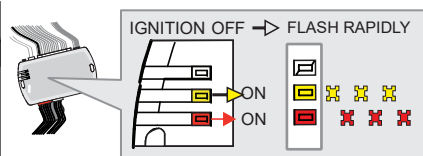
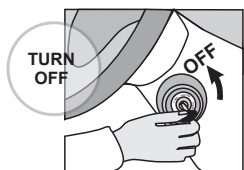


Turn the key to the Ignition ON/RUN position.
↳ The YELLOW LED will turn on and off.

↳ The RED LED will turn OFF.

↳ WAIT, the BLUE LED to flash rapidly.

10

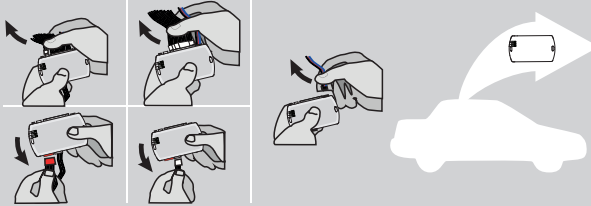


Turn the key to the OFF position.

↳ The RED and YELLOW LEDs will alternate.

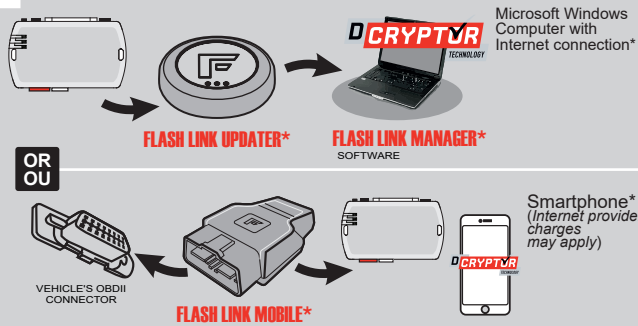
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



Disconnect all the connectors and after the Data-Link (4-pins) connector.

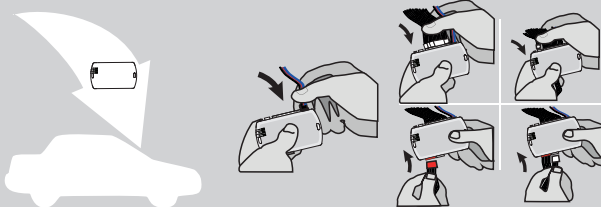
12



Use the tool: **FLASH LINK UPDATER** or **FLASH LINK MOBILE** to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 INSTALLATION
ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)														
		Immobilizer bypass	T-Harness available (sold separately)	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD																
Edge	80-bits (SA KEY)	2011-2014	•	•	•	•	•	•	•	•	•	•	•	•	•	•
LINCOLN																
MKX	80-bits (SA KEY)	2011-2013	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

		UNIT OPTION	DESCRIPTION
	Program bypass option:	A5	<div style="background-color: green; color: white; padding: 5px; width: 30px; margin: 0 auto;">ON</div> AUX.1 Par défaut with OEM alarm
		C1	<div style="background-color: red; color: white; padding: 5px; width: 30px; margin: 0 auto;">OFF</div> AUX.1 without OEM alarm
IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:		A11	<div style="background-color: red; color: white; padding: 5px; width: 30px; margin: 0 auto;">OFF</div> Hood trigger (Output Status).

MANDATORY INSTALL
***HOOD PIN**


HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

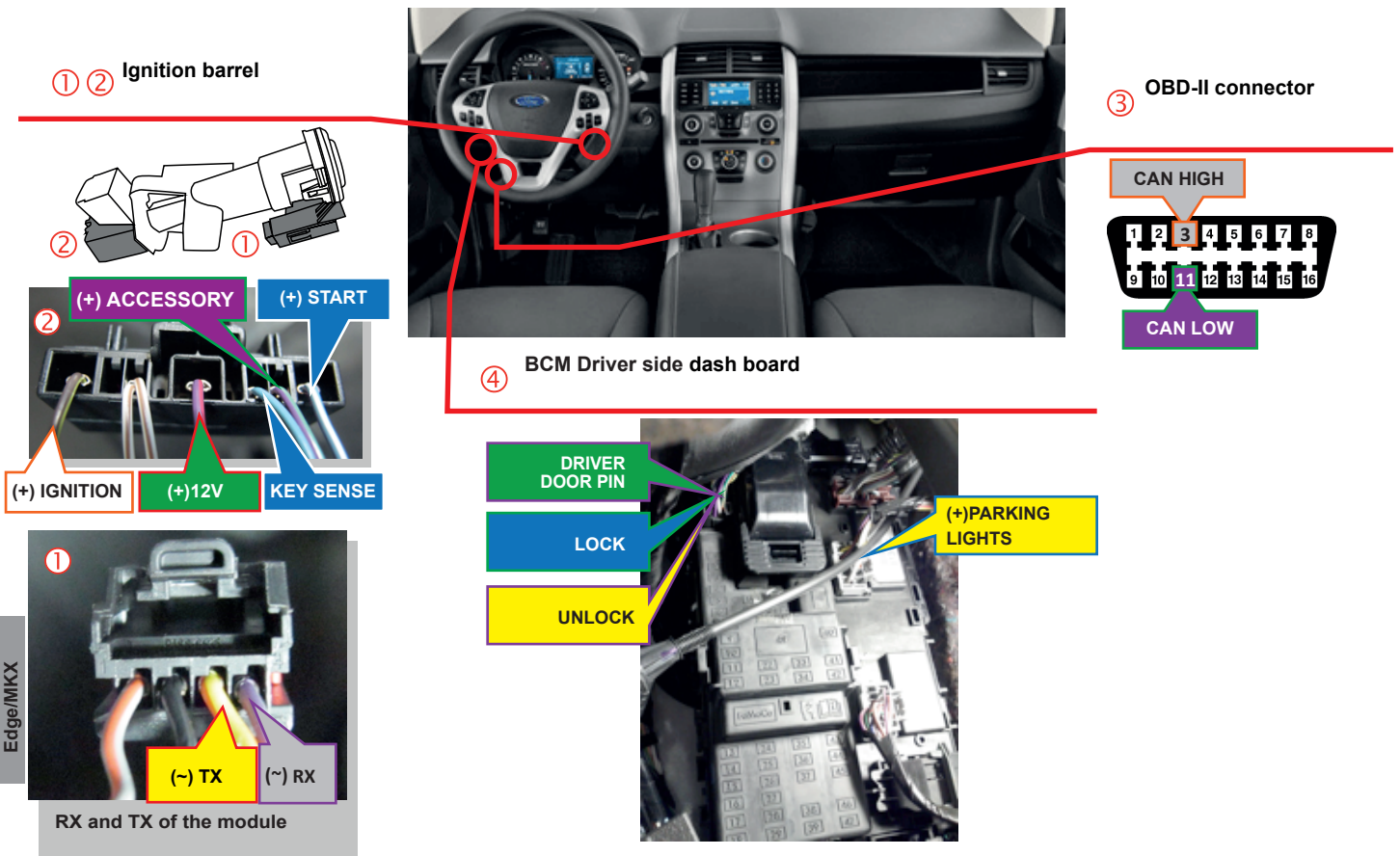
Parts required (Not included) PAGE

WIRE TO WIRE DIAGRAM

	1x 7.5 Amp. fuse 1x fuse 3x 1Amp. Diode	Page 3
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THARNNESS DIAGRAM

THARNNESS THAR-FORD4	1x THAR-FOR4 1x 7.5 Amp. fuse	Page 4
THARNNESS THAR-FORD1	1x THAR-FOR1 1x 7.5 Amp. fuse 1x 1Amp. Diode	Page 5



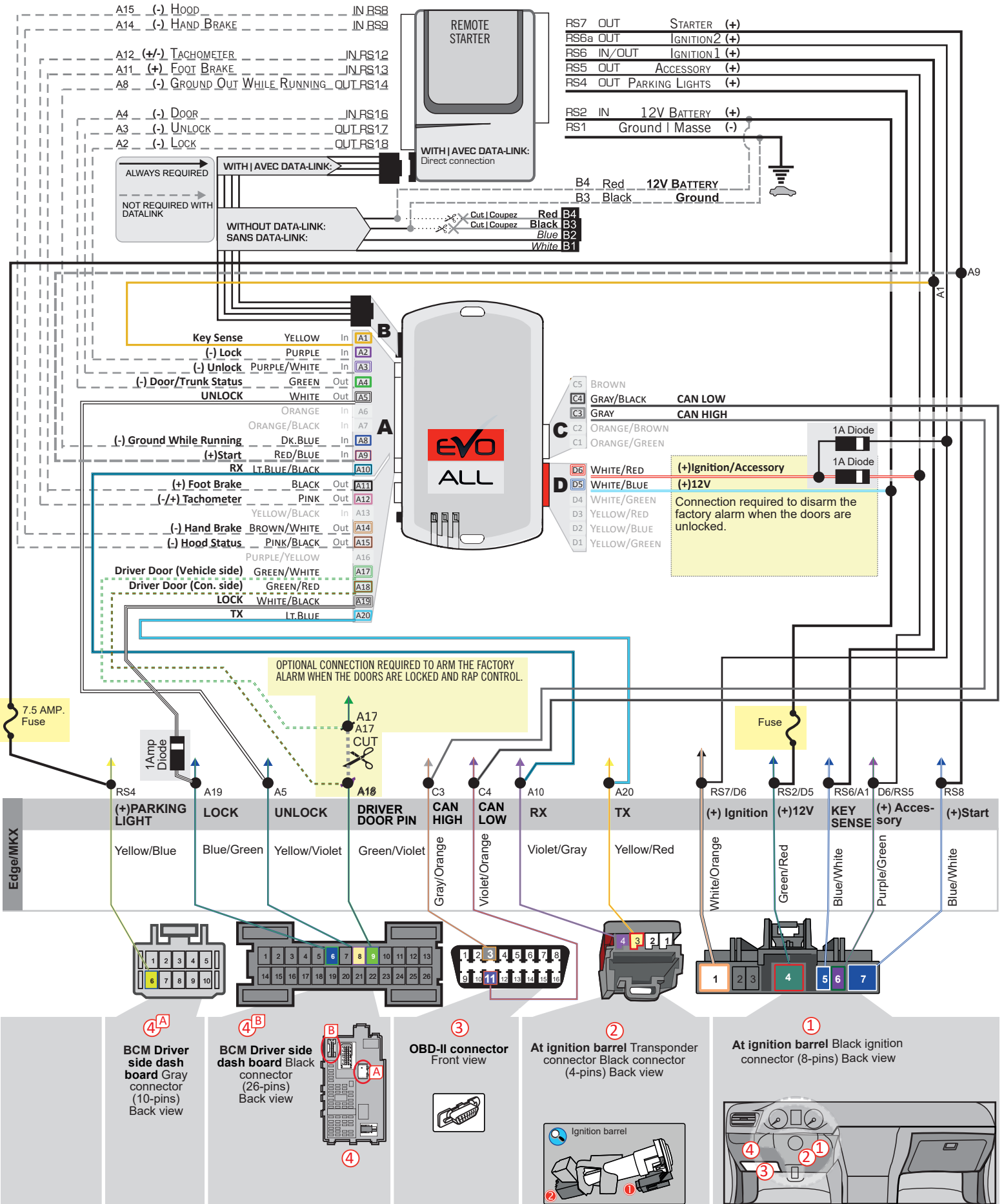
T-HARNESS: 12V BATTERY

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

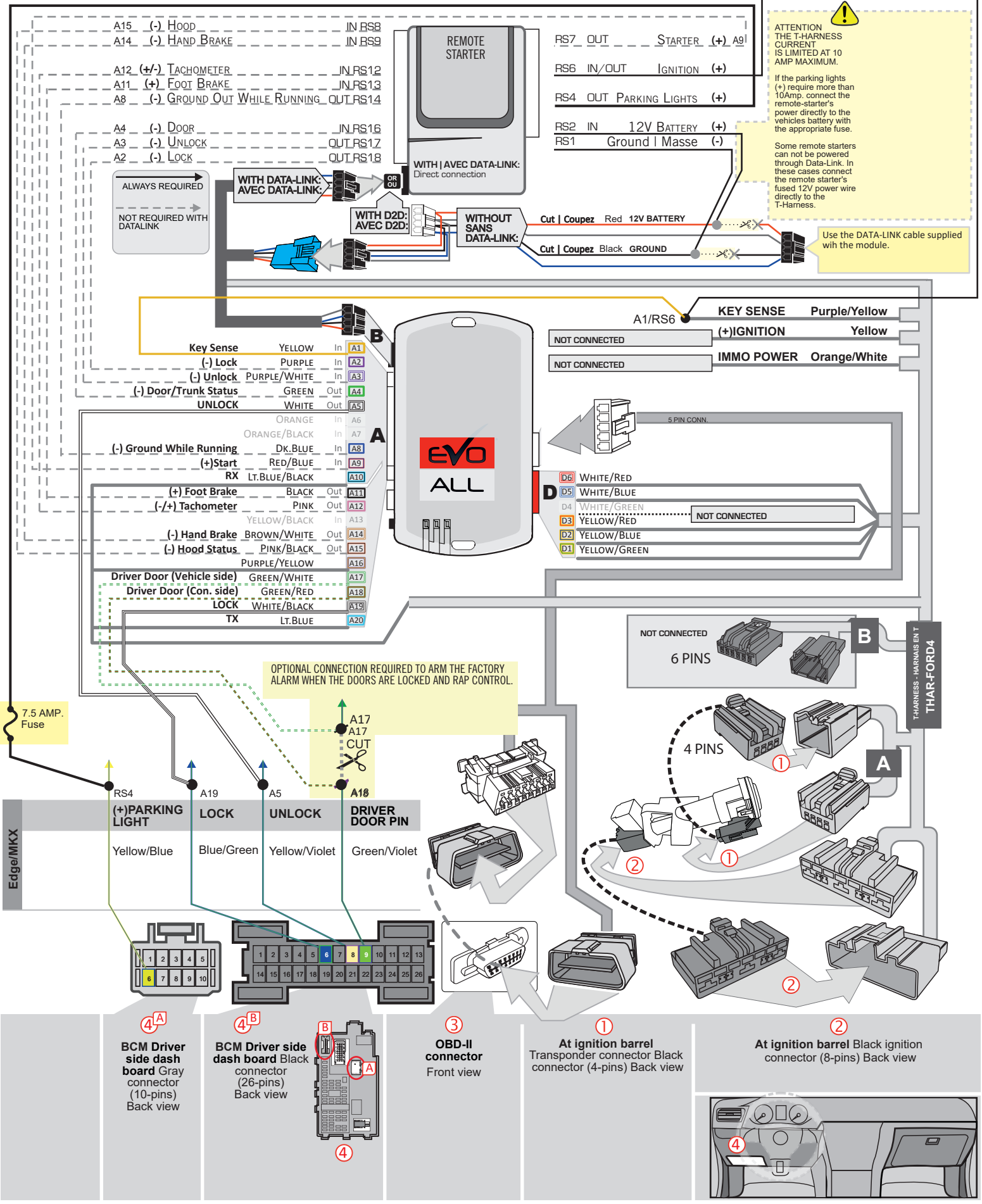
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

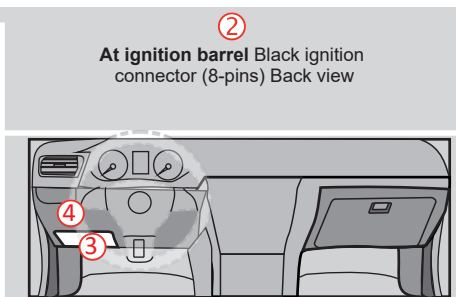
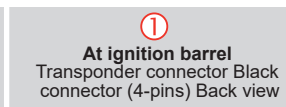
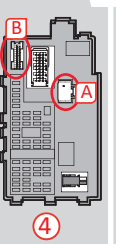
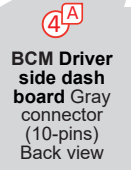
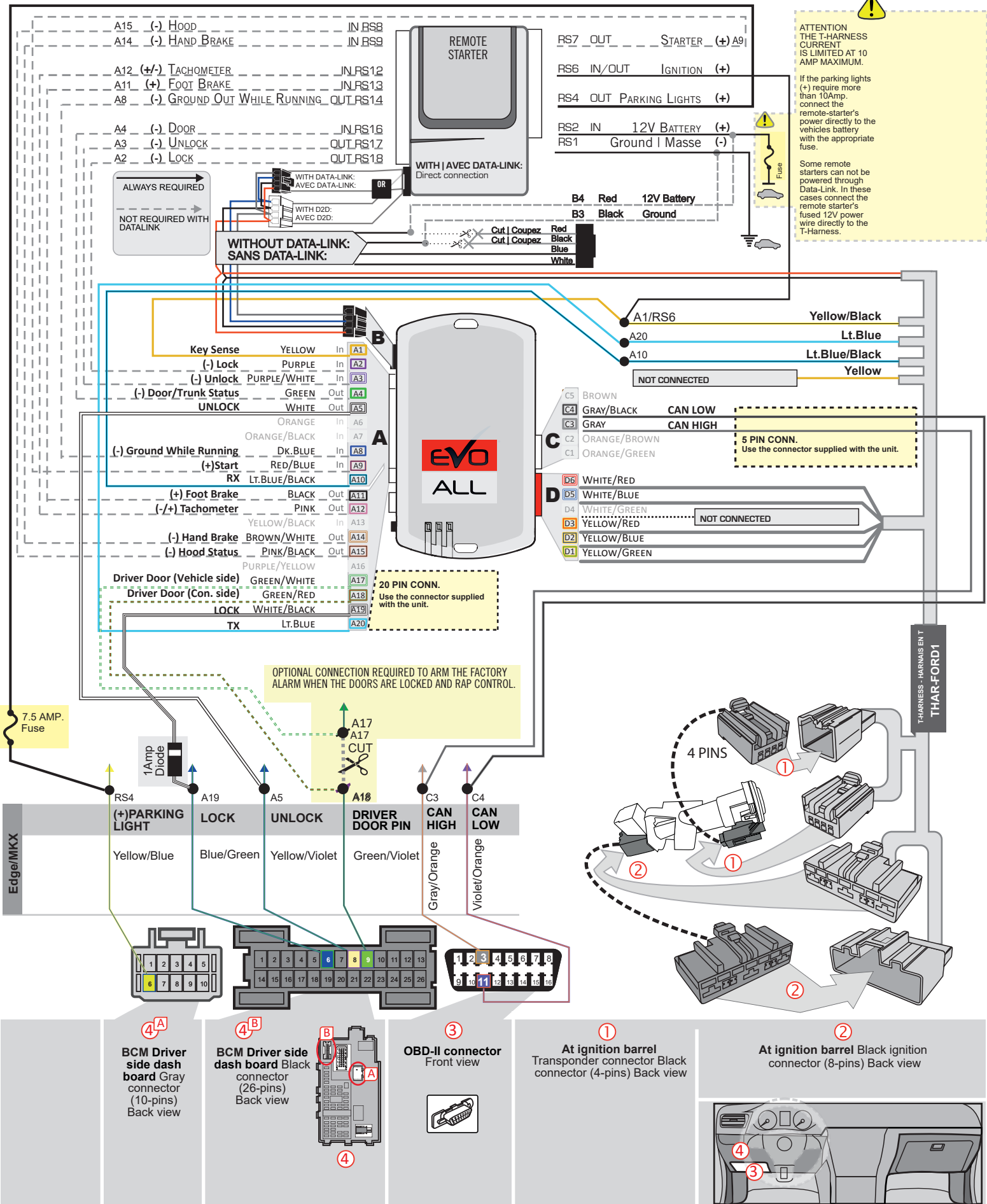
WIRING CONNECTION



THAR-FOR4 - INSTALLATION WIRING

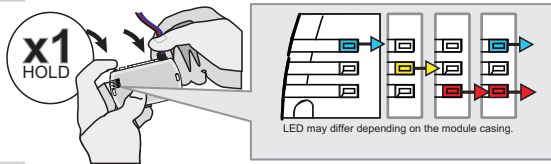


THAR-FOR1 - INSTALLATION WIRING



KEY BYPASS PROGRAMMING PROCEDURE 1/2

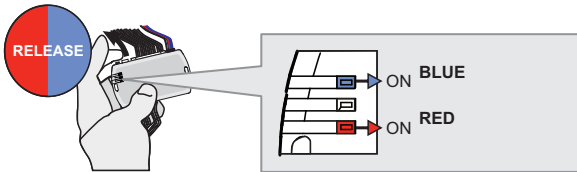
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

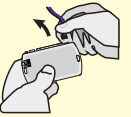
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

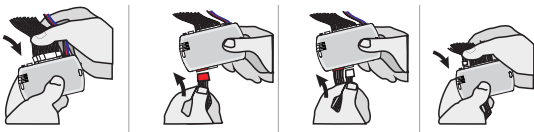


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 4-Pin connector (Data-Link) and go back to step 7.

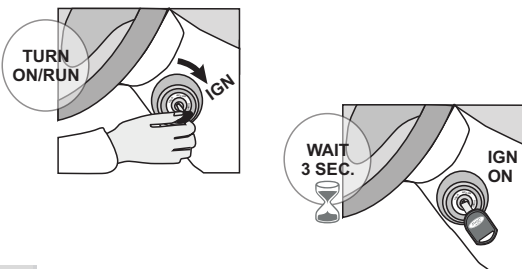


3



Insert the required remaining connectors.

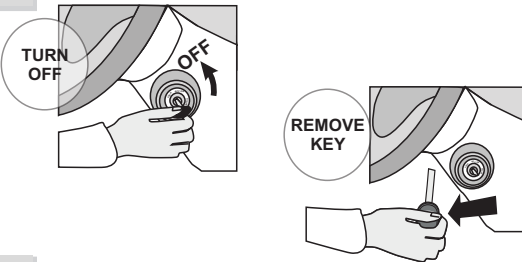
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

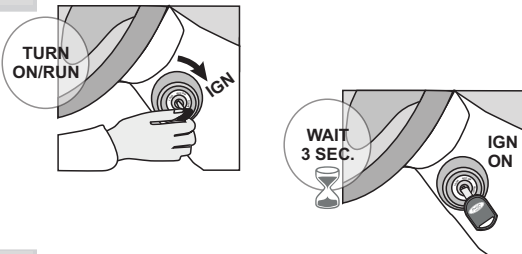
5



Turn the key to the OFF position.

and **remove** the first key.

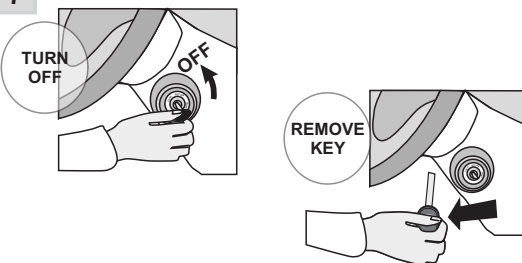
6



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

7

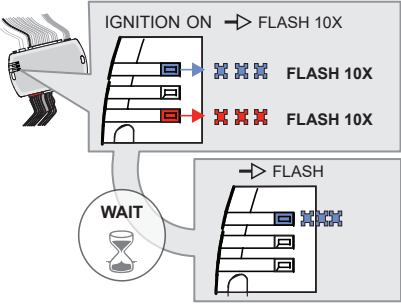


Turn the key to the OFF position.

and **remove** the second key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2

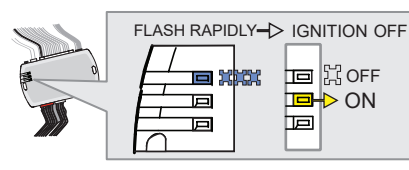
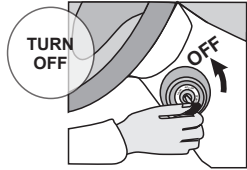
8



Turn the key to the Ignition ON/RUN position.
 ↳ The RED AND BLUE LEDs will flash rapidly ten (10) times.
 Key bypass programmed.

Wait
 ↳ The BLUE LED will flash rapidly.
 CAN-Bus programmed.

9



Turn the Ignition to the OFF position.
 ↳ The BLUE LED will turn off.
 ↳ The YELLOW LED will turn on.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY



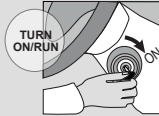
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.




The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	"Vehicle functions supported in this diagram (functional if equipped)"													
		Immobilizer bypass	T-harness available (Sold separately)	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Tachometer	Door Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD															
Escape	40-bits	2008-2012	•	•	•	•	•	•	•	•	•	•	•	•	•
	Hybrid 40-bits	2008-2012	•	•	•	•	•	•	•	•	•	•	•	•	•



FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

UNIT OPTION	DESCRIPTION	
	A5	ON
OFF		AUX.1 without OEM alarm
C1	OEM Remote status (Lock/Unlock) monitoring	
A11	OFF	Hood trigger (Output Status).

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

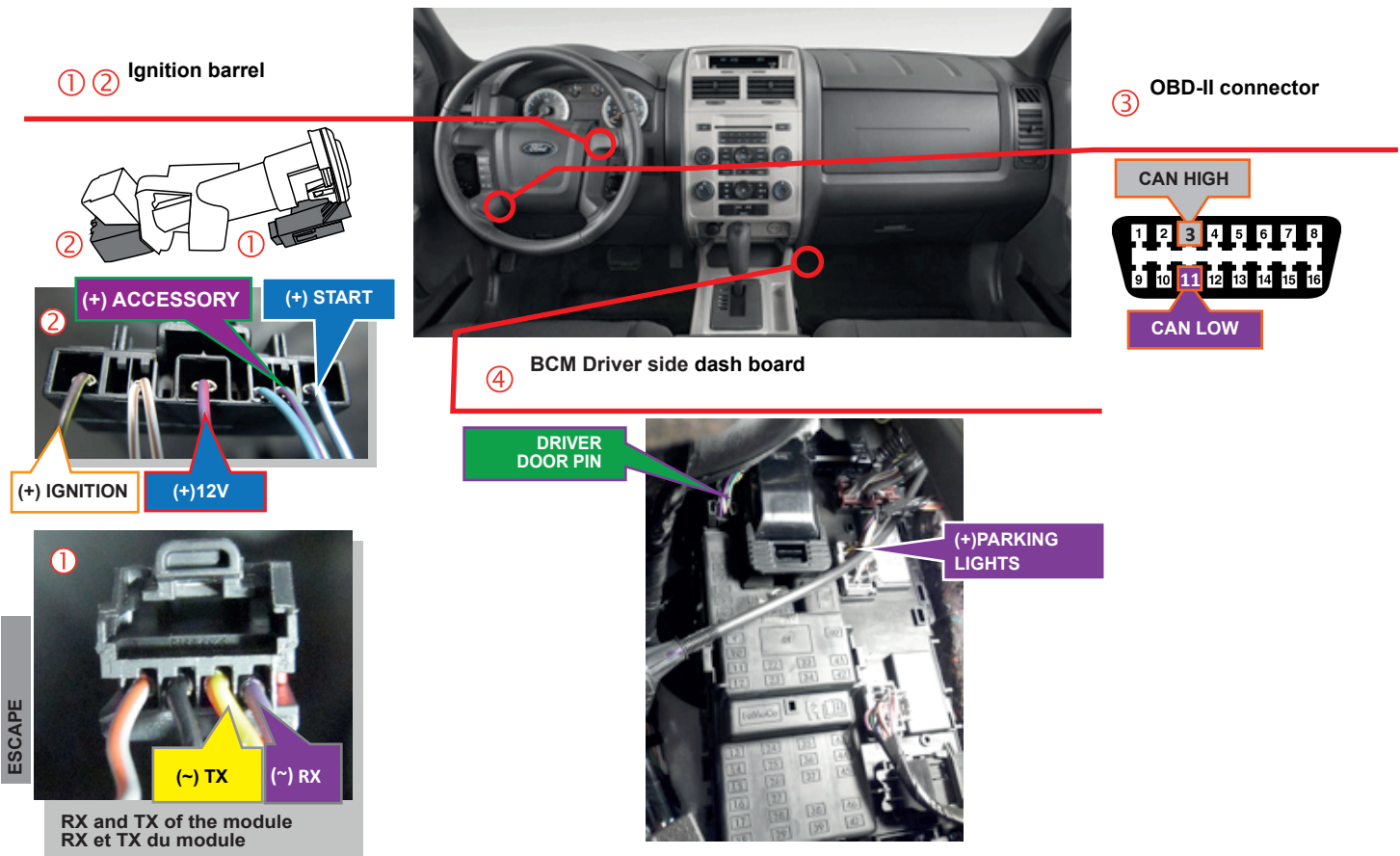
A11	OFF
-----	------------

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION | DESCRIPTION

	Parts required (Not included)	PAGE
WIRE TO WIRE DIAGRAM		
	1x 7.5 Amp. fuse 1x fuse	Page 3
THARNNESS DIAGRAM		
THARNNESS THAR-FORD4	1x THAR-FOR4 1x 7.5 Amp. fuse	Page 4
THARNNESS THAR-FORD1	1x THAR-FOR1 1x 7.5 Amp. fuse	Page 5



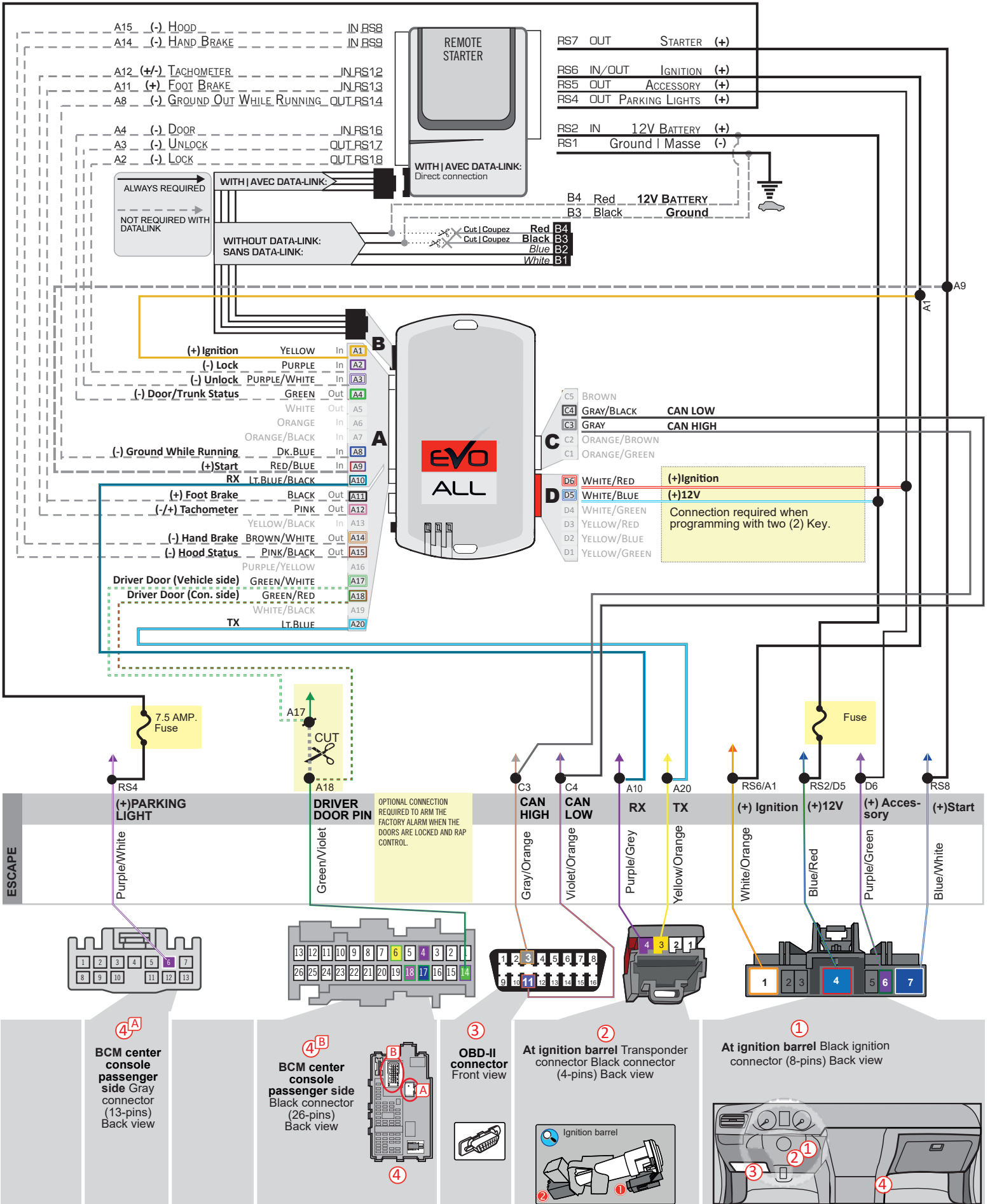
T-HARNESS: 12V BATTERY

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

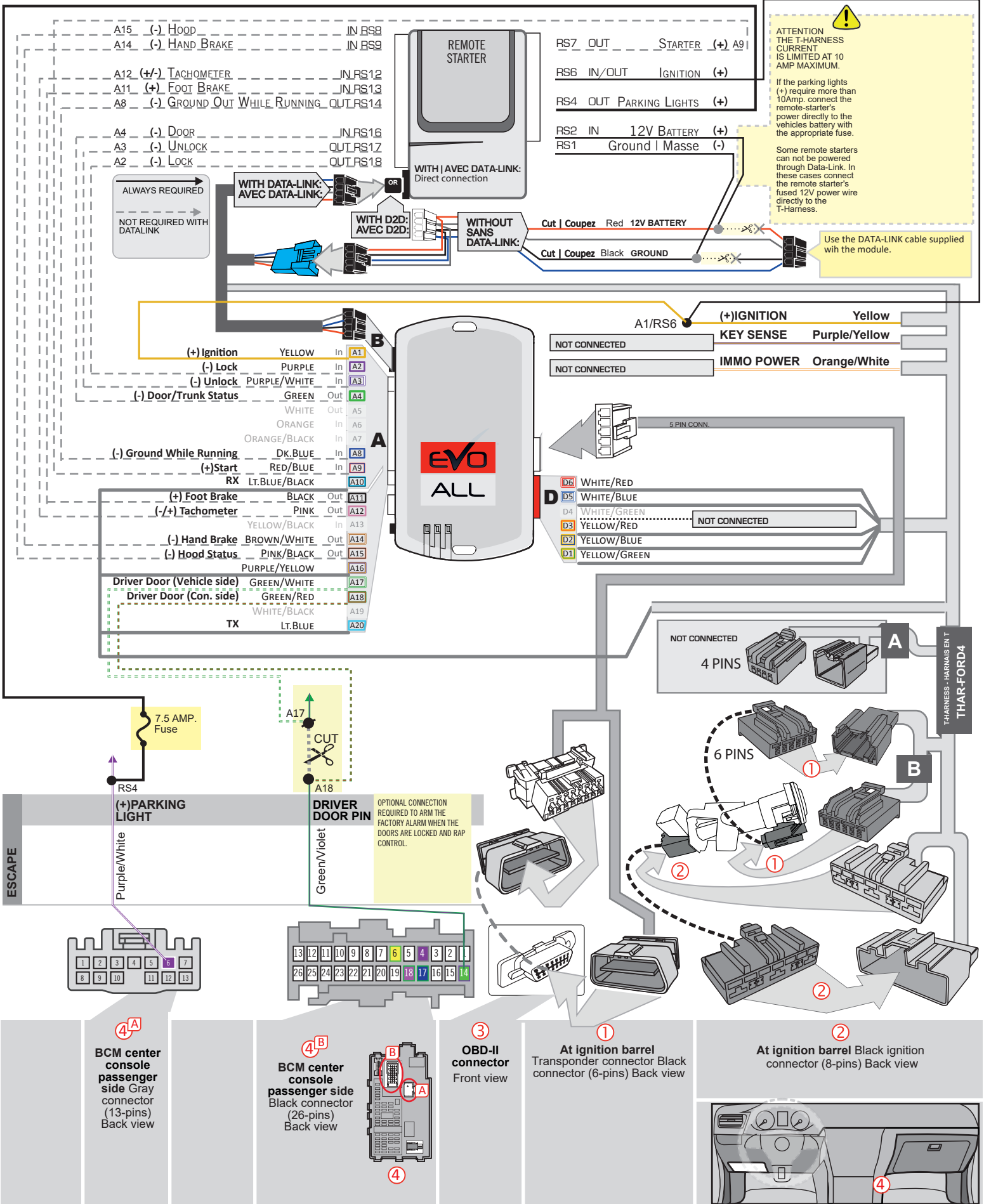
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

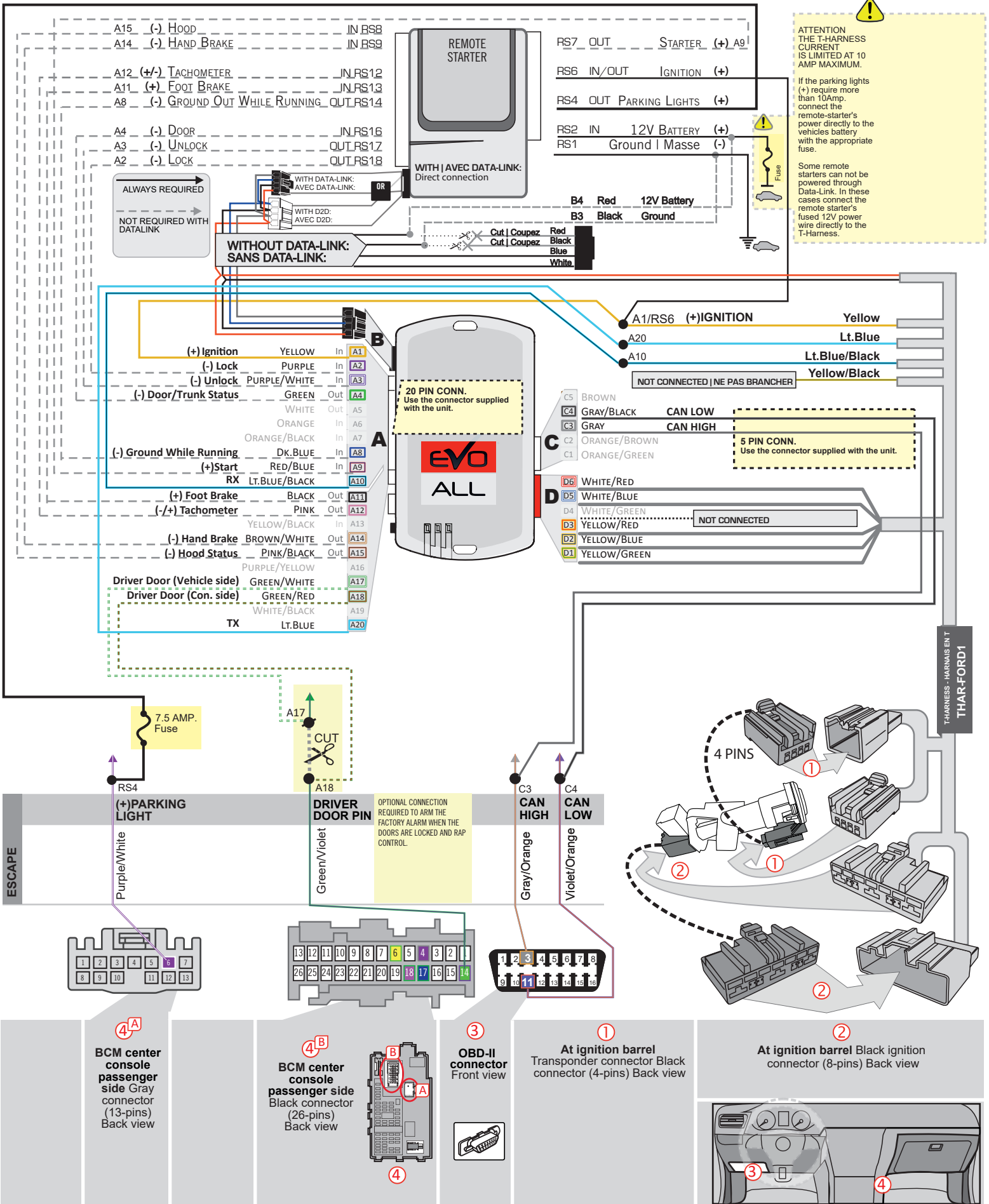
WIRING CONNECTION



THAR-FOR4 - INSTALLATION WIRING



THAR-FOR1 - INSTALLATION WIRING



ATTENTION
 THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If the parking lights (+) require more than 10Amp, connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

ALWAYS REQUIRED →

NOT REQUIRED WITH DATALINK →

WITHOUT DATA-LINK: SANS DATA-LINK:

Cut | Coupez Red Black Blue White

ESCAPE

THAR-FORD1

4A
BCM center console passenger side
 Gray connector (13-pins)
 Back view

4B
BCM center console passenger side
 Black connector (26-pins)
 Back view

3
OBD-II connector
 Front view


1
 At ignition barrel
 Transponder connector Black connector (4-pins) Back view

2
 At ignition barrel Black ignition connector (8-pins) Back view




KEY BYPASS PROGRAMMING PROCEDURE 1/2

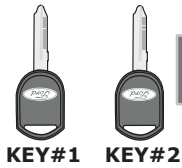
Choose between :



2 key programming.

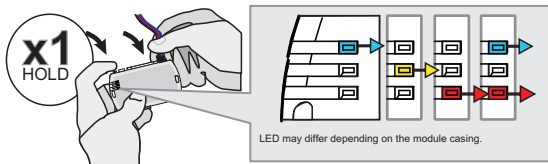


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

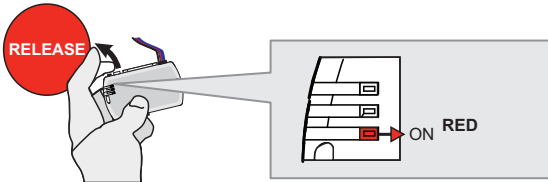
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

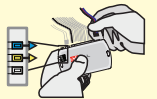
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

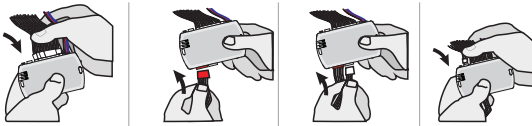


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

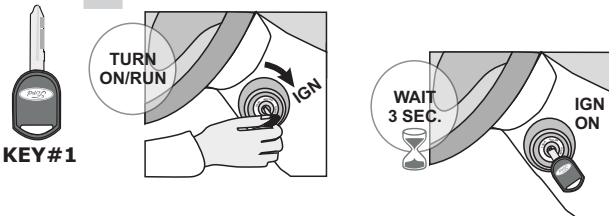


3



Insert the required remaining connectors.

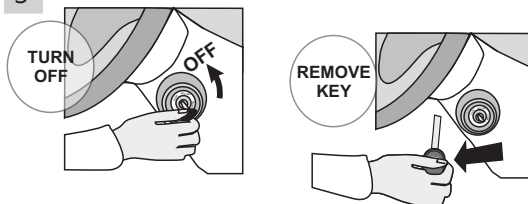
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

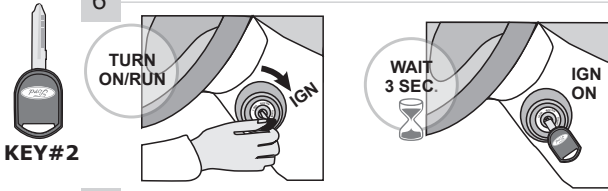
5



Turn the key to the OFF position.

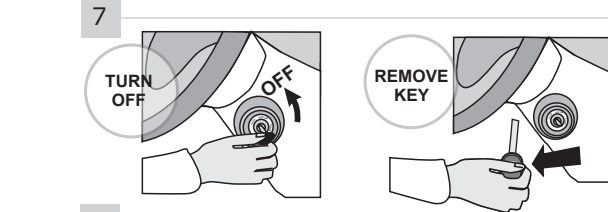
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



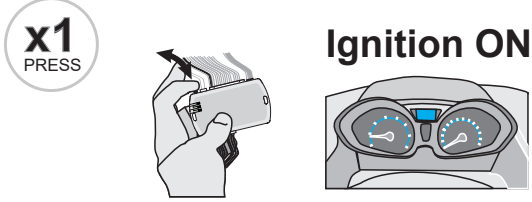
Turn the key to the OFF position.

Remove the second key.

8

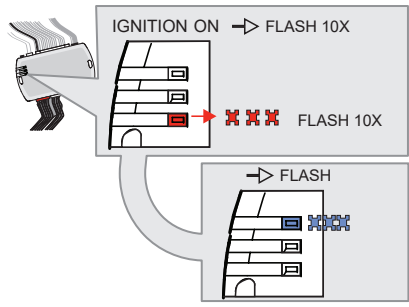
CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.

5 sec. max



Press and release the programming button.

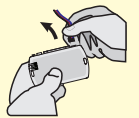
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



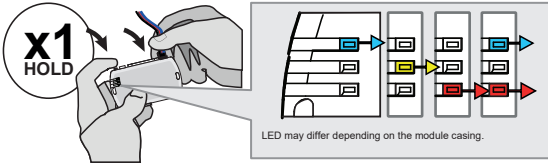
- Parts required (not included)**
- 1x **FLASH LINK UPDATER,**
FLASH LINK MANAGER
SOFTWARE | PROGRAMME
 - 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- Smartphone *Android* or *iOS* with Internet connection
(Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

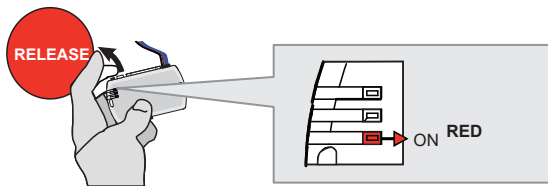
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

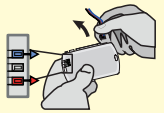
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

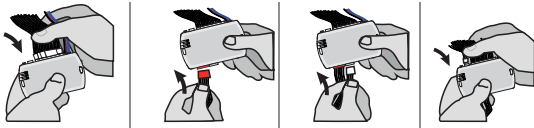


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

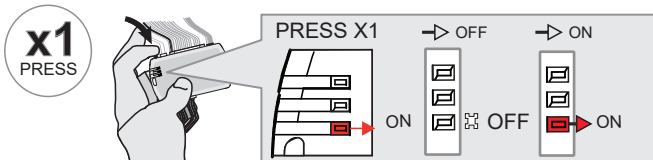


3



Insert the required remaining connectors.

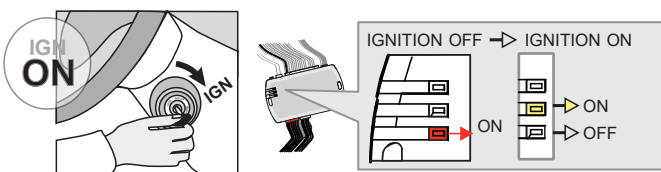
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



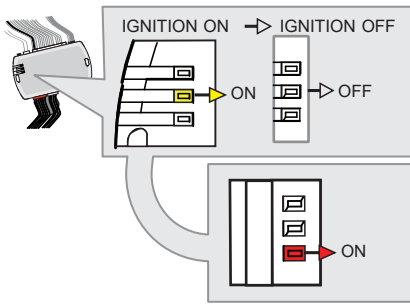
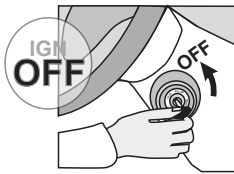
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

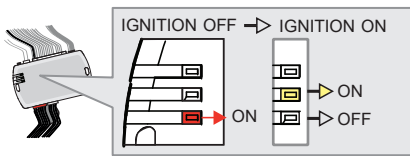
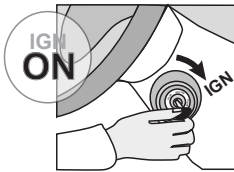
6



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

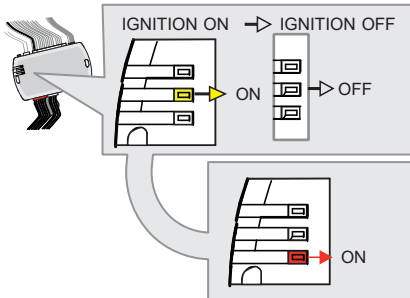
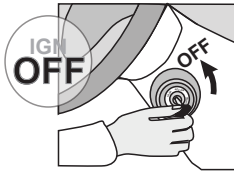
↳The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳The RED LED will turn OFF.
↳The YELLOW LED will turn on.

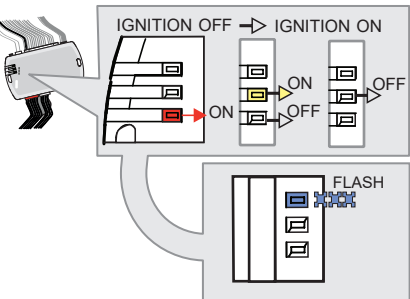
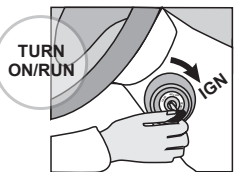
8



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

↳The RED LED will turn on.

9

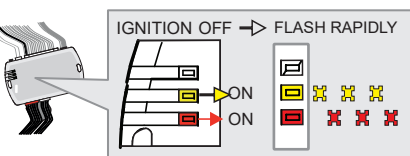
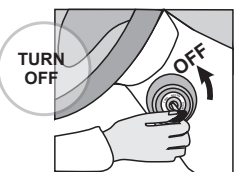


Turn the key to the Ignition ON/RUN position.
↳The YELLOW LED will turn on and off.

↳The RED LED will turn OFF.

↳**WAIT**, the BLUE LED to flash rapidly.

10

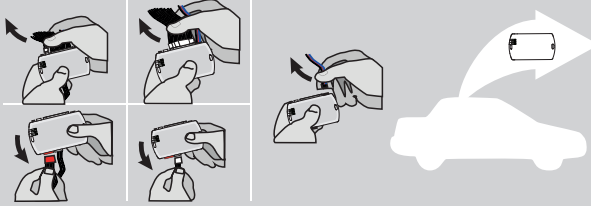


Turn the key to the OFF position.

↳The RED and YELLOW LEDs will alternate.

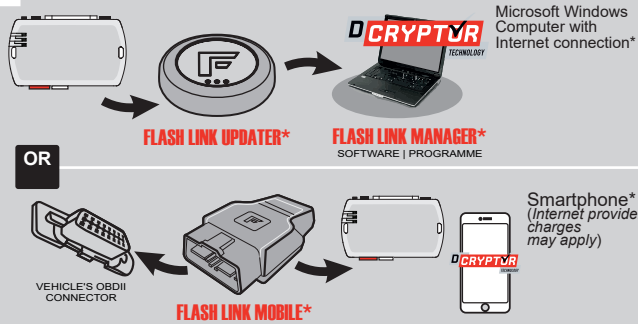
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



Disconnect all the connectors and after the Data-Link (4-pins) connector.

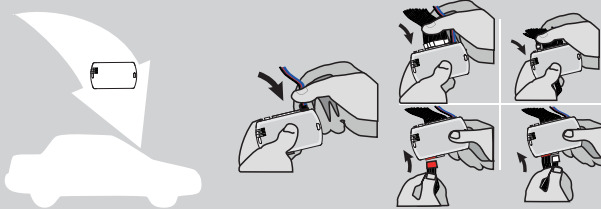
12



Use the tool:
FLASH LINK UPDATER or
FLASH LINK MOBILE
to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and reconnect the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 INSTALLATION
ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)														
		Immobilizer bypass	T-Harness available (sold separately)	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
Expedition	80-bits (SA KEY)	2015-2017	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

		UNIT OPTION	DESCRIPTION
	Program bypass option:	A5	<div style="background-color: #4caf50; color: white; padding: 5px; display: inline-block; margin-bottom: 5px;">ON</div> AUX.1 Par défaut with OEM alarm
		A5	<div style="background-color: #f44336; color: white; padding: 5px; display: inline-block; margin-bottom: 5px;">OFF</div> AUX.1 without OEM alarm
		C1	OEM Remote status (Lock/Unlock) monitoring
IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:		A11	<div style="background-color: #f44336; color: white; padding: 5px; display: inline-block; margin-bottom: 5px;">OFF</div> Hood trigger (Output Status).

MANDATORY INSTALL
***HOOD PIN**


HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

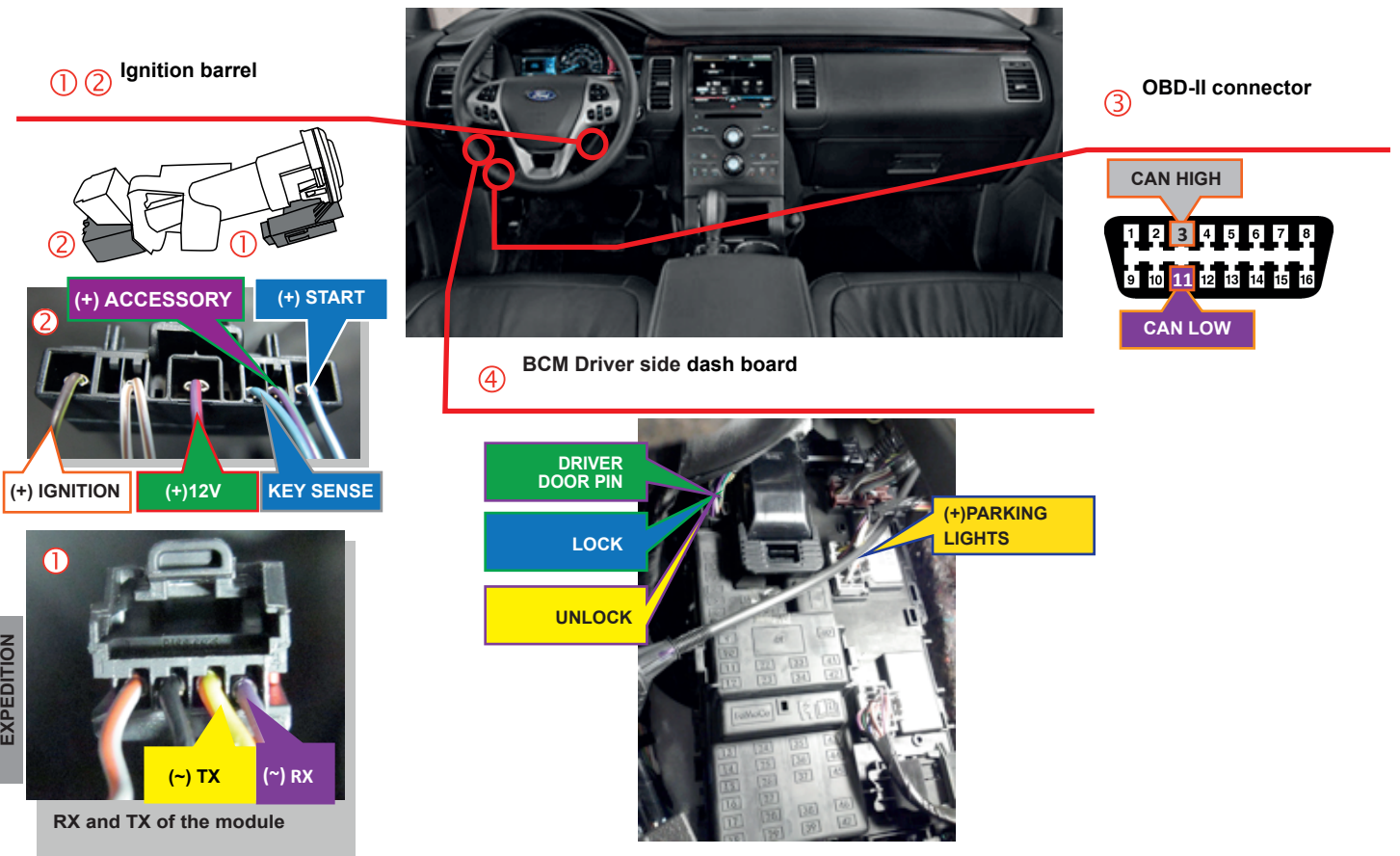
Parts required (Not included) PAGE

WIRE TO WIRE DIAGRAM

	1x 7.5 Amp. fuse 1x fuse 3x 1Amp. Diode	Page 3
--	---	--------

THARNNESS DIAGRAM

THARNNESS THAR-FORD4	1x THAR-FOR4 1x 7.5 Amp. fuse	Page 4
THARNNESS THAR-FORD1	1x THAR-FOR1 1x 7.5 Amp. fuse 1x 1Amp. Diode	Page 5



EXPEDITION

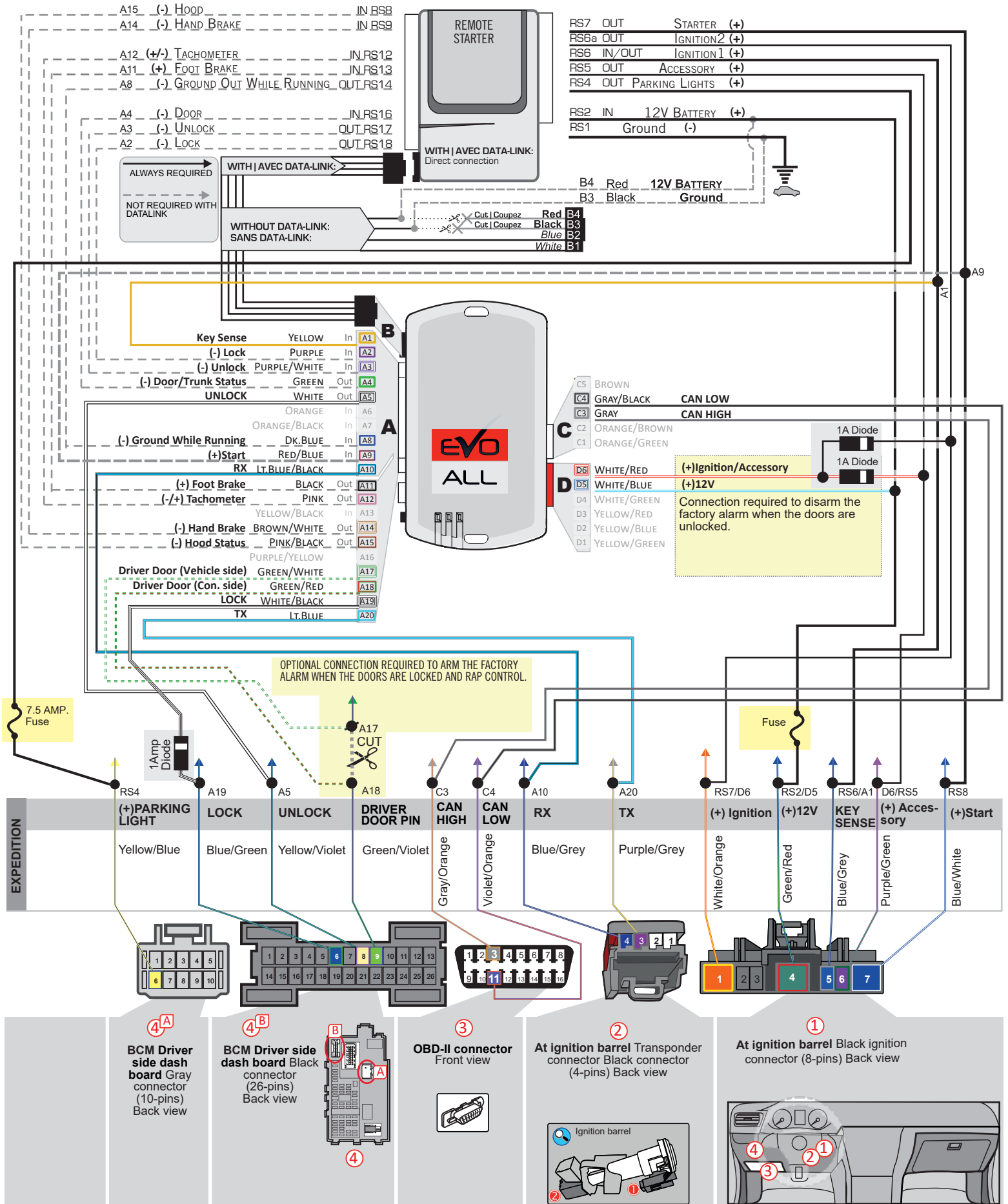
T-HARNESS: 12V BATTERY

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

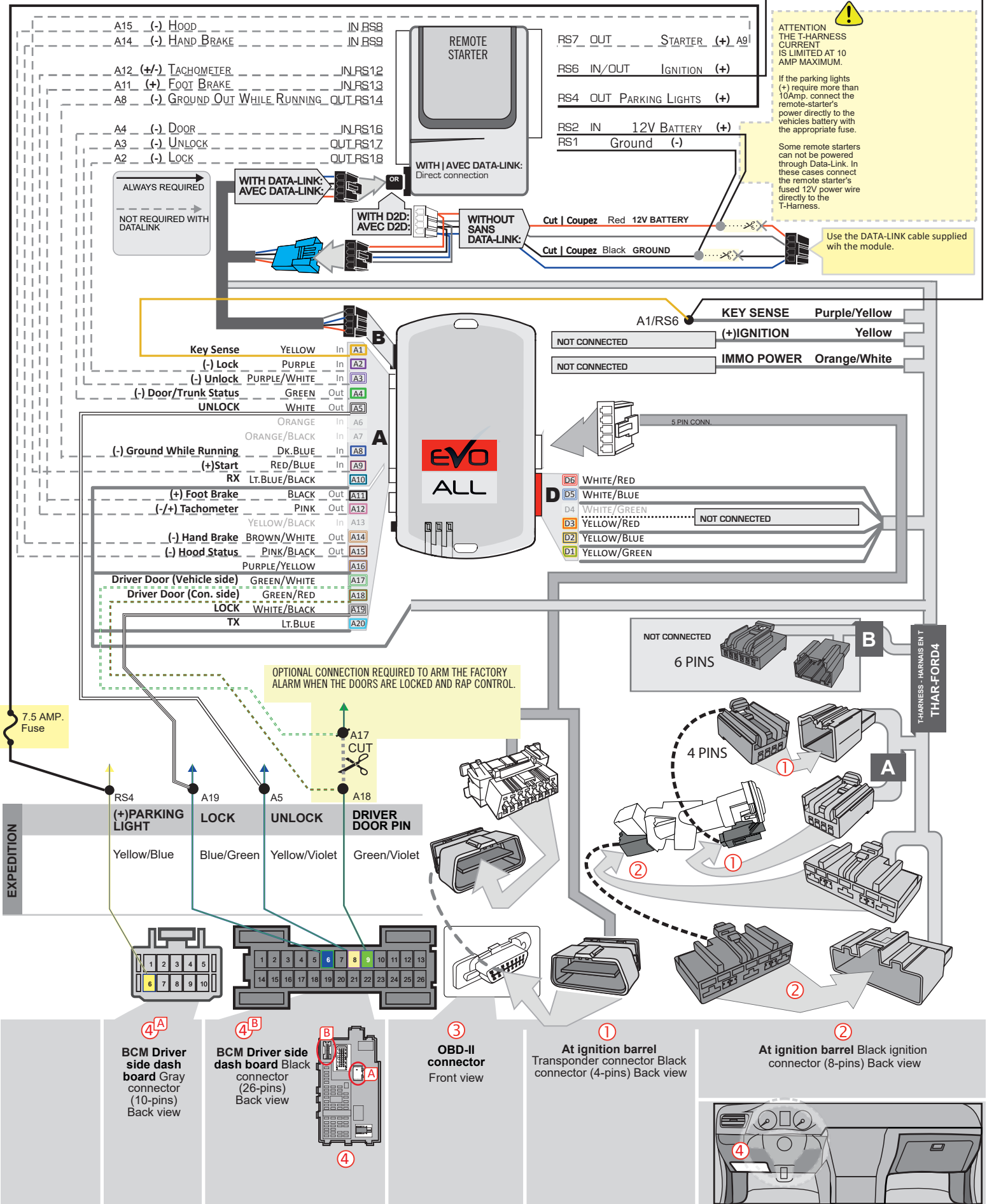
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

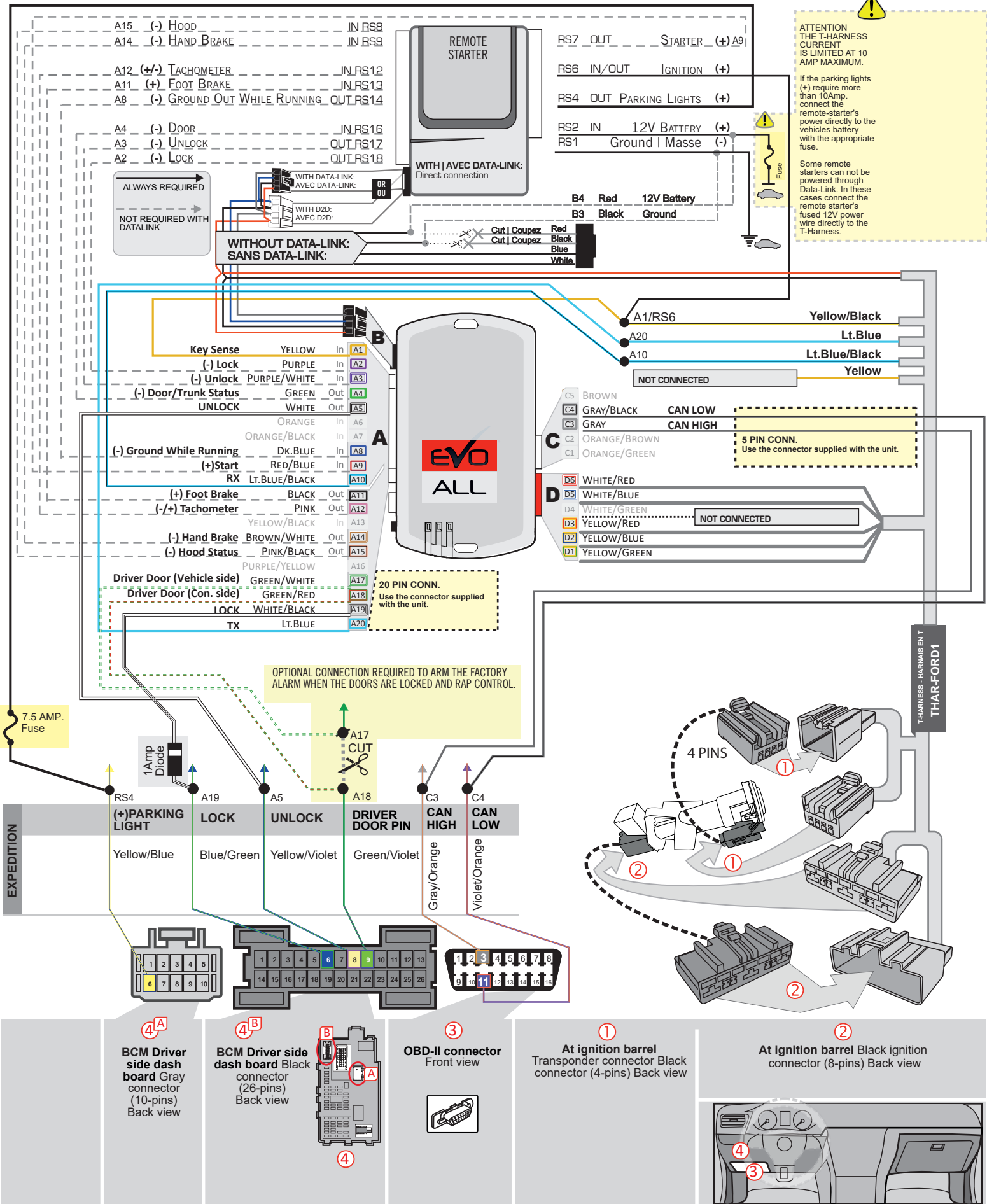
WIRING CONNECTION



THAR-FOR4 - INSTALLATION WIRING

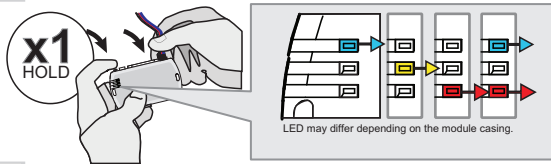


THAR-FOR1 - INSTALLATION WIRING



KEY BYPASS PROGRAMMING PROCEDURE 1/2

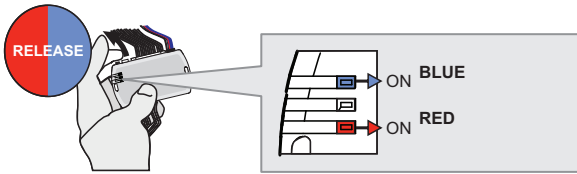
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

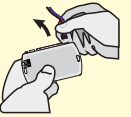
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

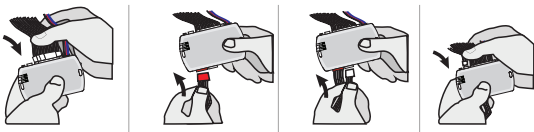


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 4-Pin connector (Data-Link) and go back to step 7.

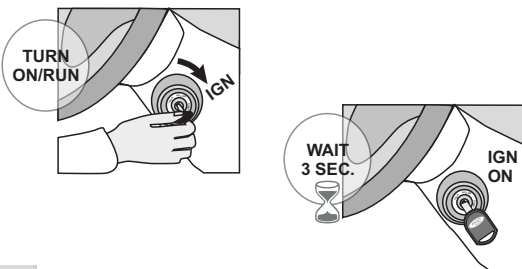


3



Insert the required remaining connectors.

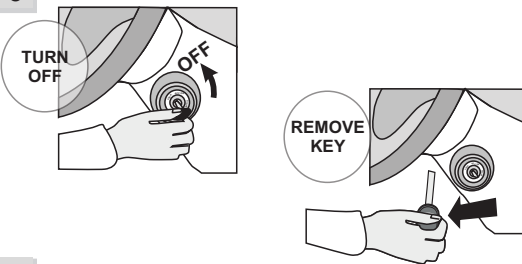
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

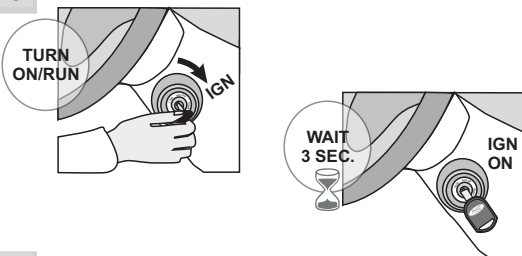
5



Turn the key to the OFF position.

and **remove** the first key.

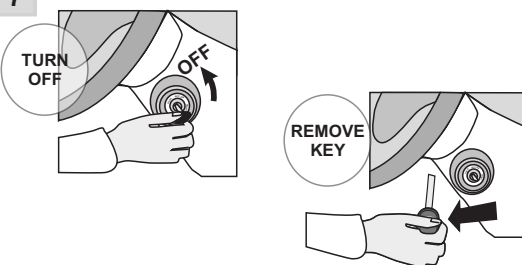
6



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

7



Turn the key to the OFF position.

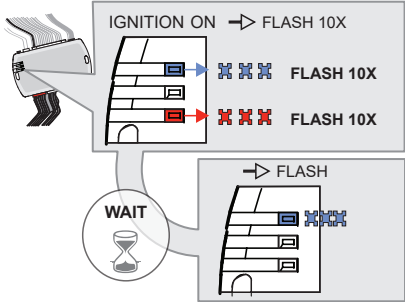
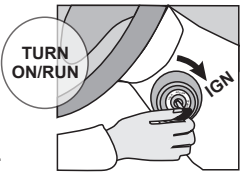
and **remove** the second key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2

8



KEY #1



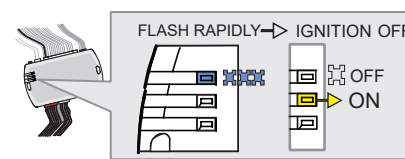
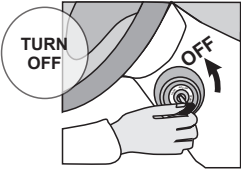
Turn the key to the Ignition ON/RUN position.

↳ The RED AND BLUE LEDs will flash rapidly ten (10) times.
Key bypass programmed.

Wait

↳ The BLUE LED will flash rapidly.
CAN-Bus programmed.

9



Turn the Ignition to the OFF position.

↳ The BLUE LED will turn off.
↳ The YELLOW LED will turn on.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY



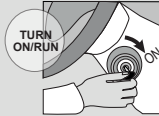
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 INSTALLATION
ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)														
		Immobilizer bypass	T-Harness available (sold separately)	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD																
Explorer	80-bits (SA KEY) 2011-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

UNIT OPTION	DESCRIPTION	
	A5	ON
OFF		AUX.1 without OEM alarm
C1	OEM Remote status (Lock/Unlock) monitoring	
A11	OFF	Hood trigger (Output Status).

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:

MANDATORY INSTALL
***HOOD PIN**


HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11
OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

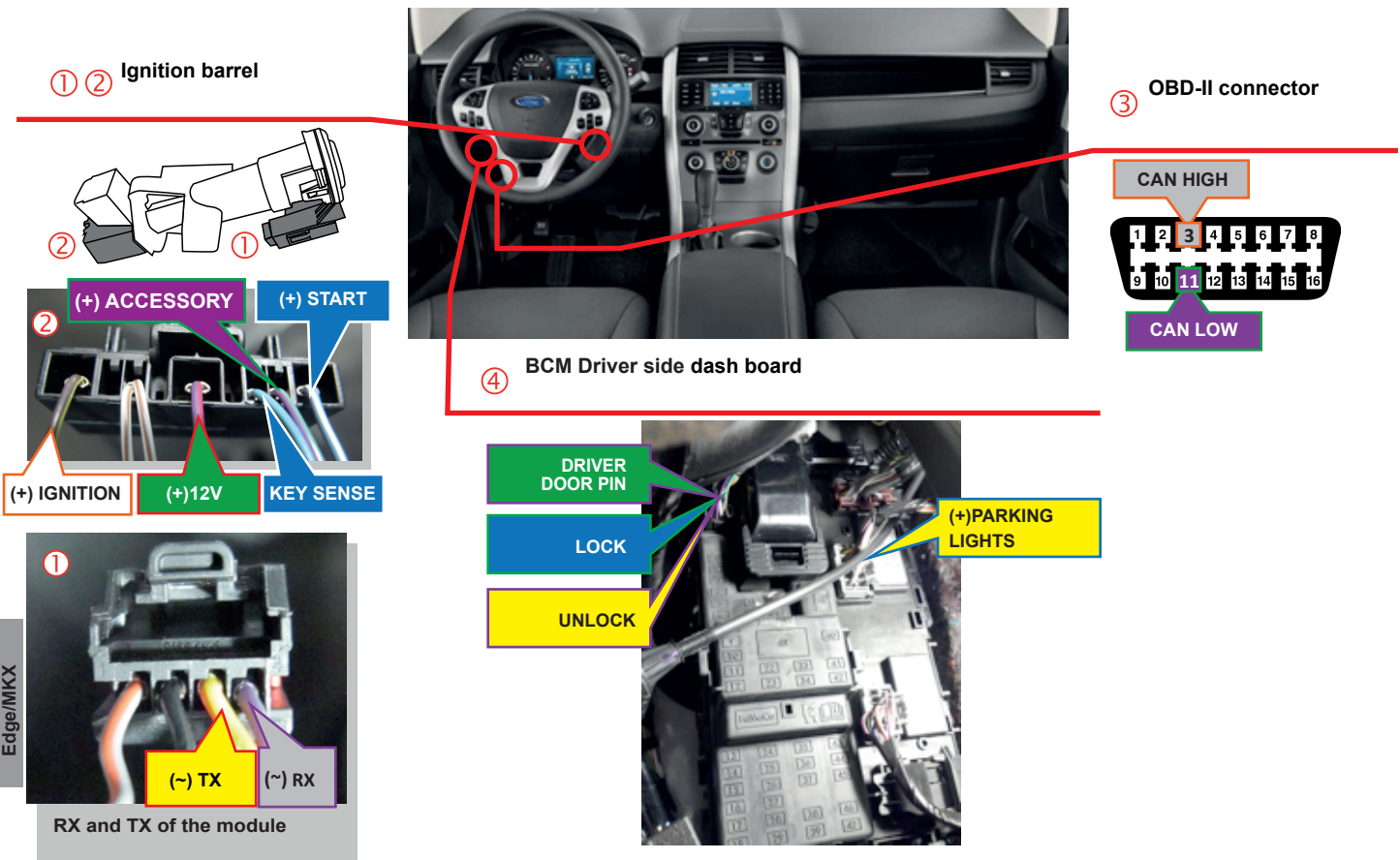
Parts required (Not included) PAGE

WIRE TO WIRE DIAGRAM

	1x 7.5 Amp. fuse 1x fuse 3x 1Amp. Diode	Page 3
--	---	--------

THARNNESS DIAGRAM

THARNNESS THAR-FORD4	1x THAR-FOR4 1x 7.5 Amp. fuse	Page 4
THARNNESS THAR-FORD1	1x THAR-FOR1 1x 7.5 Amp. fuse 1x 1Amp. Diode	Page 5



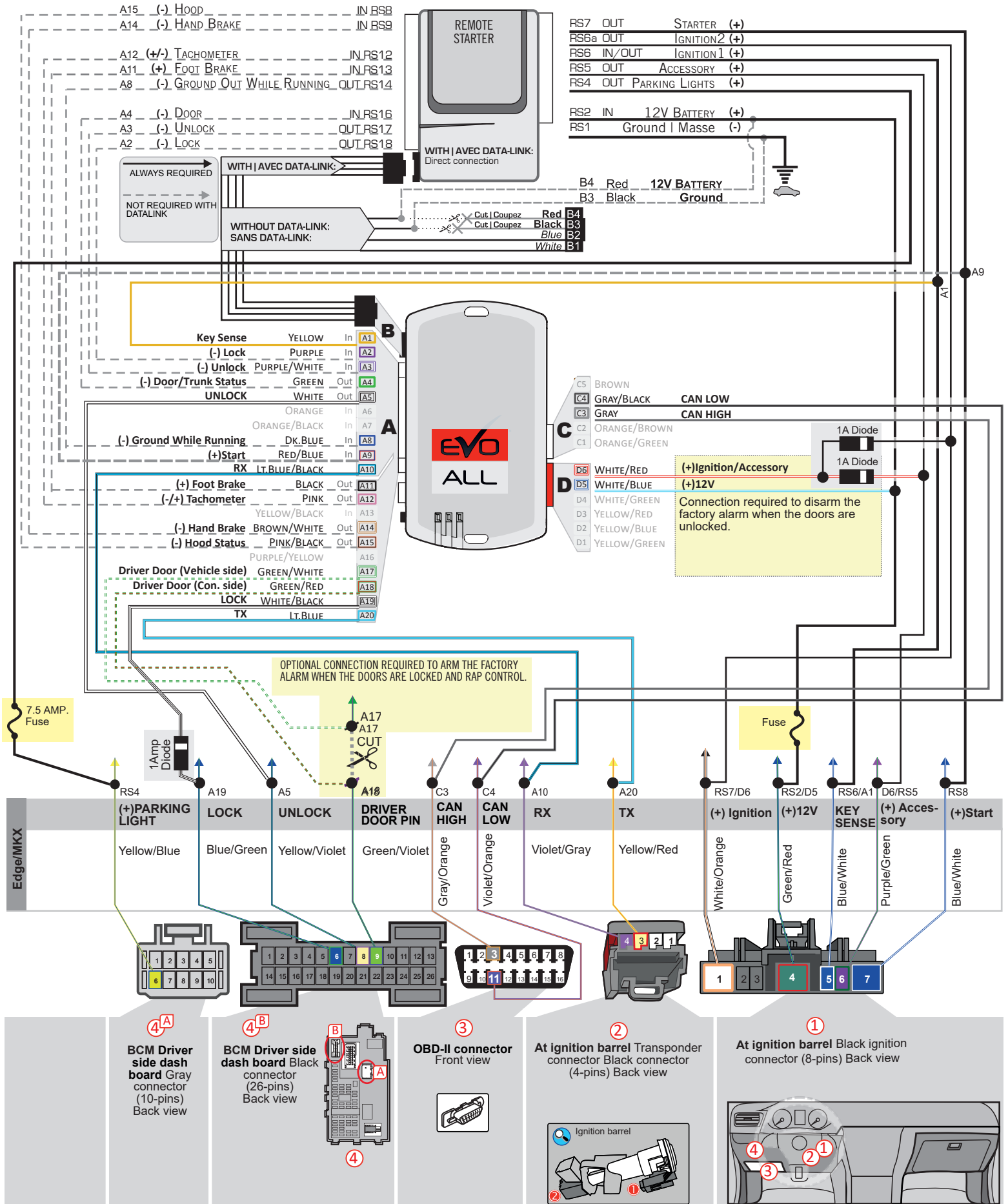
T-HARNESS: 12V BATTERY

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

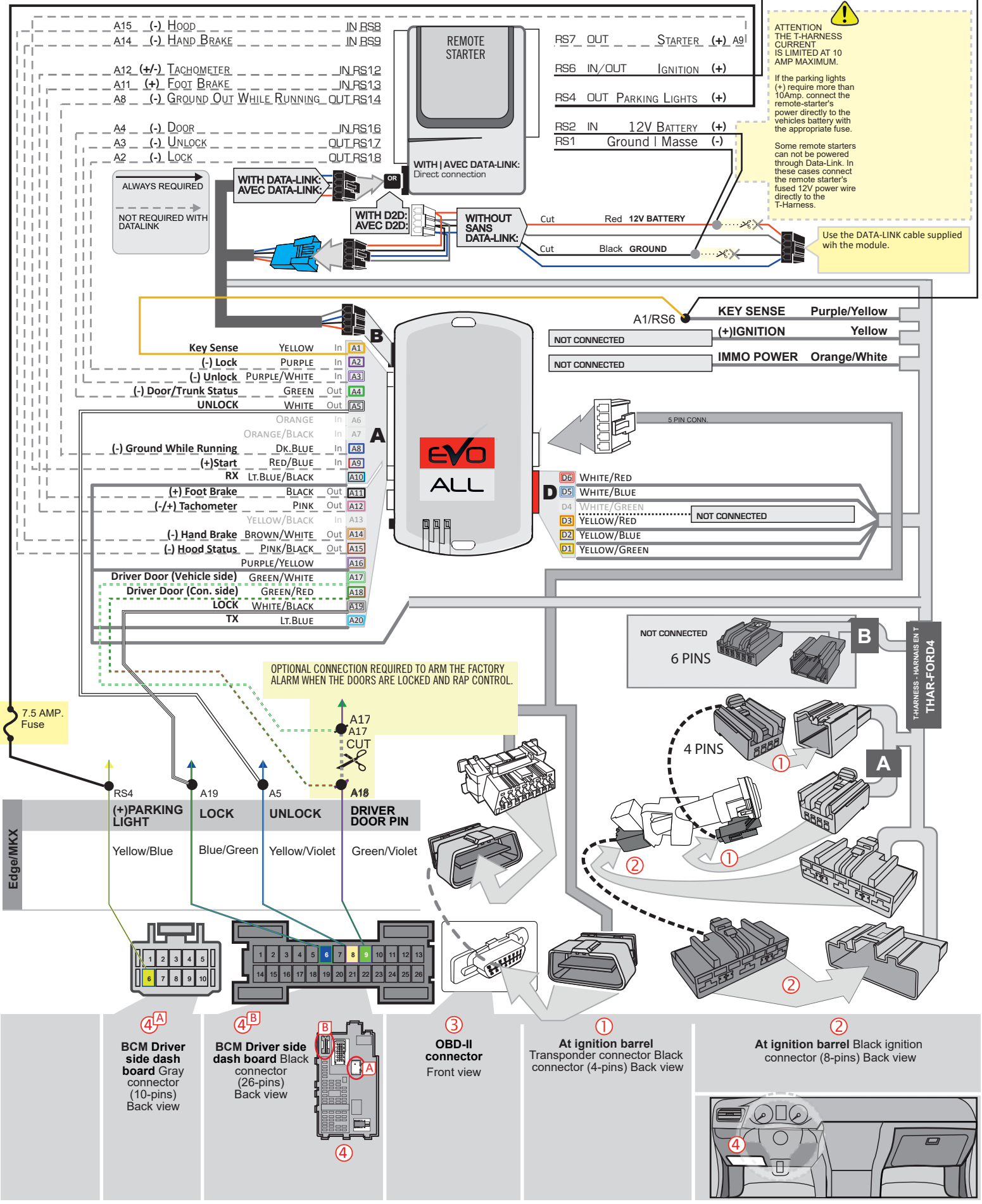
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

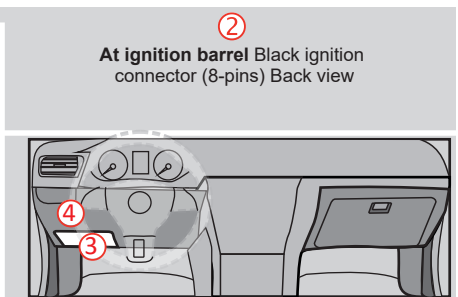
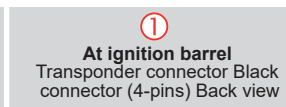
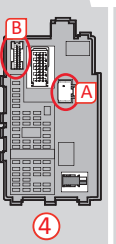
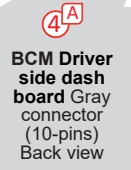
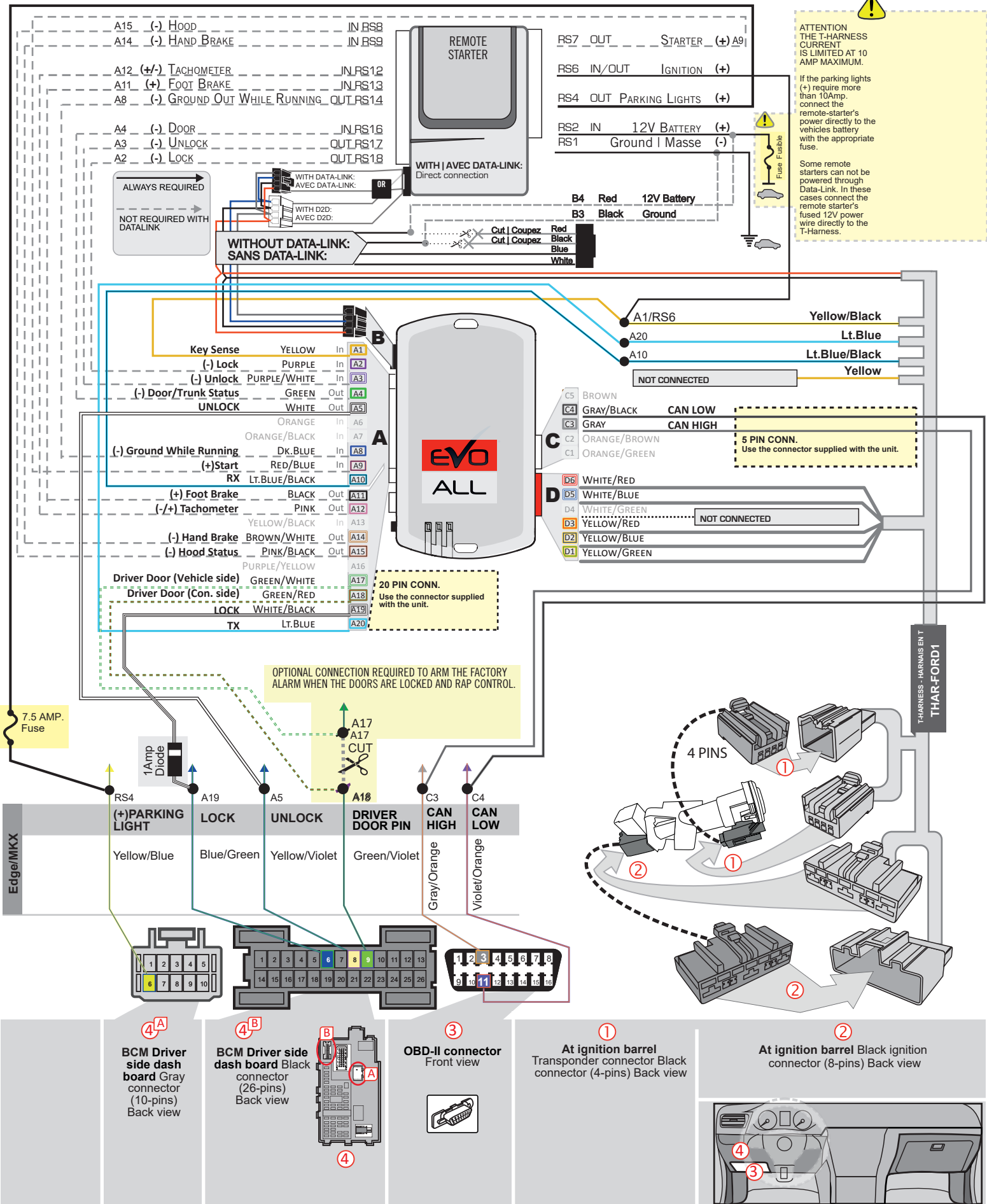
WIRING CONNECTION



THAR-FOR4 - INSTALLATION WIRING

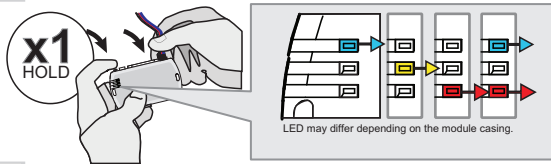


THAR-FOR1 - INSTALLATION WIRING



KEY BYPASS PROGRAMMING PROCEDURE 1/2

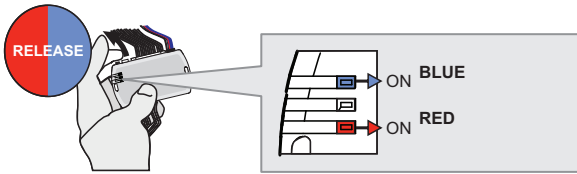
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

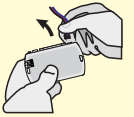
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

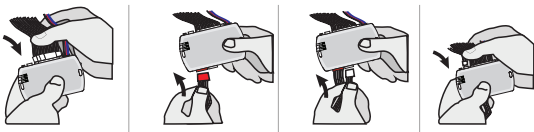


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 4-Pin connector (Data-Link) and go back to step 7.

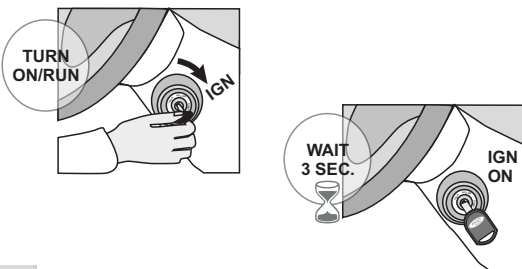


3



Insert the required remaining connectors.

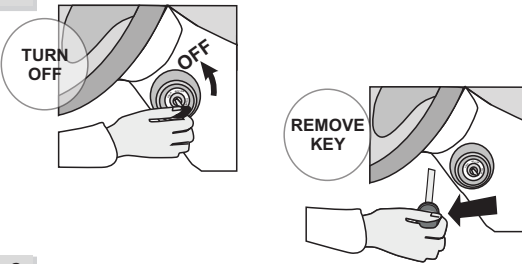
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

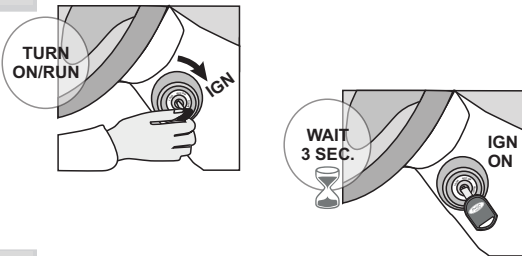
5



Turn the key to the OFF position.

and **remove** the first key.

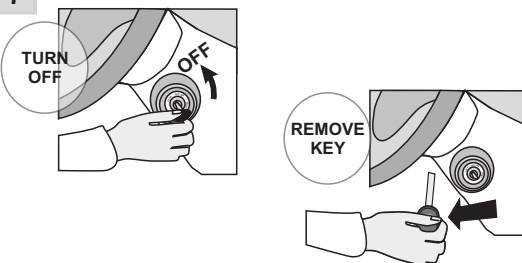
6



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

7

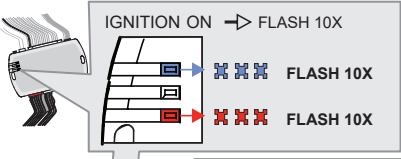


Turn the key to the OFF position.

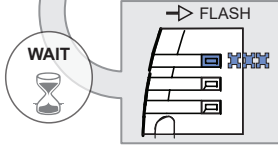
and **remove** the second key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2

8

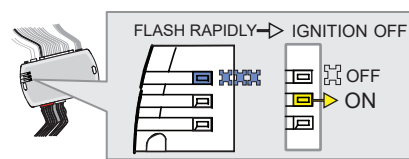
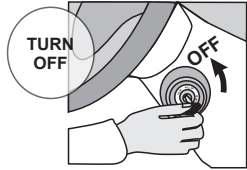


Turn the key to the Ignition ON/RUN position.
 ↳ The RED AND BLUE LEDs will flash rapidly ten (10) times.
 Key bypass programmed.



Wait
 ↳ The BLUE LED will flash rapidly.
 CAN-Bus programmed.

9



Turn the Ignition to the OFF position.
 ↳ The BLUE LED will turn off.
 ↳ The YELLOW LED will turn on.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY



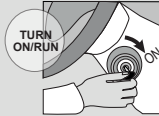
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.





The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

“Vehicle functions supported in this diagram (functional if equipped)”

	VEHICLE	YEARS	Immobilizer bypass	T-harness available (Sold separately)	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Trunk Release	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
	FORD																	
Flex	40-bits	2009-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•




FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

	<p style="text-align: center;">Program bypass option:</p>	A5	ON	AUX.1 Par défaut with OEM alarm
		A5	OFF	AUX.1 without OEM alarm
		C1	OEM Remote status (Lock/Unlock) monitoring	
IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:		A11	OFF	Hood trigger (Output Status).

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

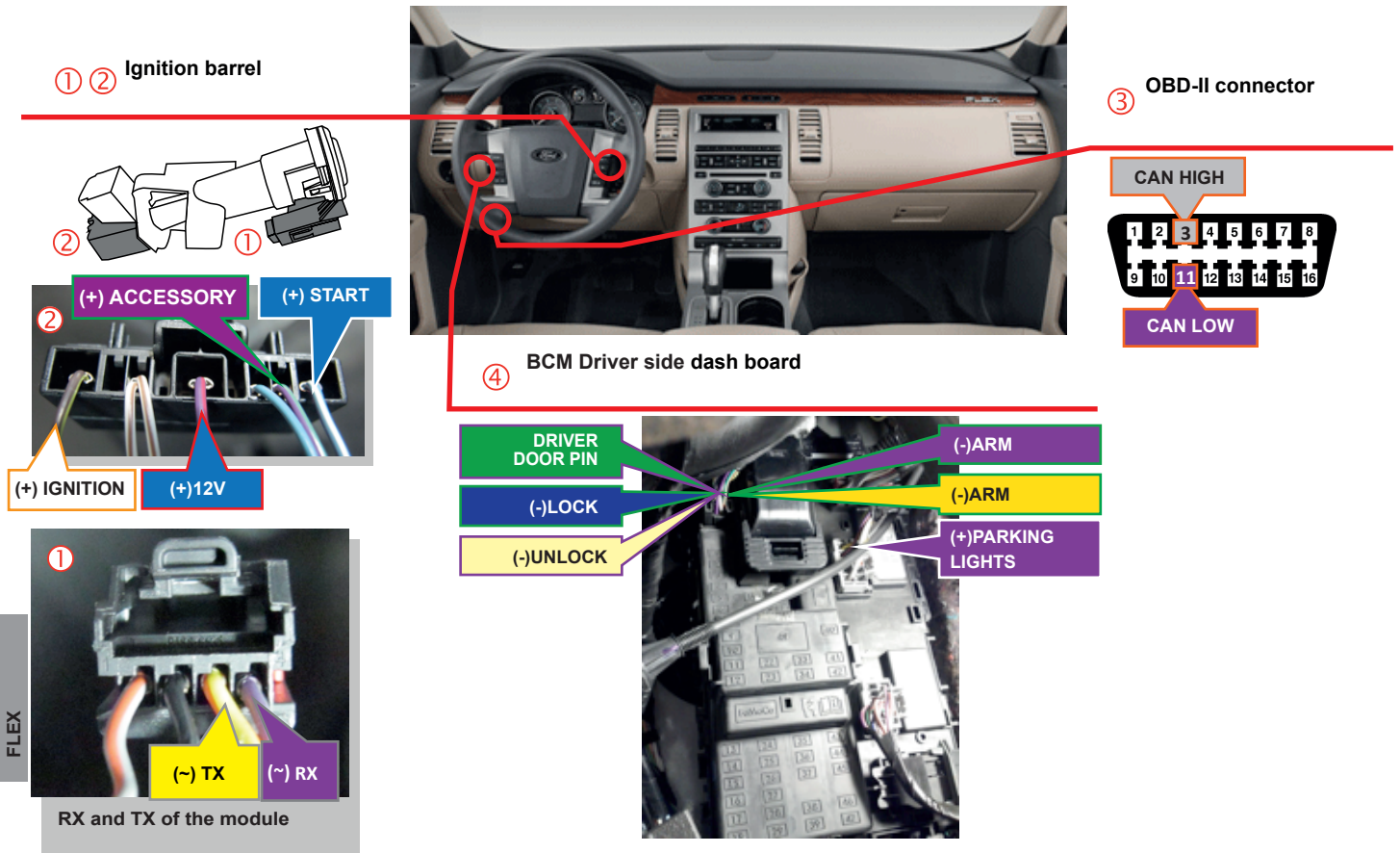
A11	OFF
------------	------------

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

	Parts required (Not included)	PAGE
WIRE TO WIRE DIAGRAM		
	1x 7.5 Amp. fuse 1x fuse 2x 1Amp. Diodes (with OEM alarm) 1x 1Amp. Diodes (without OEM alarm)	Page 3
THARNNESS DIAGRAM		
THARNNESS THAR-FORD4	1x THAR-FOR4 1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm)	Page 4
THARNNESS THAR-FORD1	1x THAR-FOR1 1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm) 1x 1Amp. Diodes (without OEM alarm)	Page 5



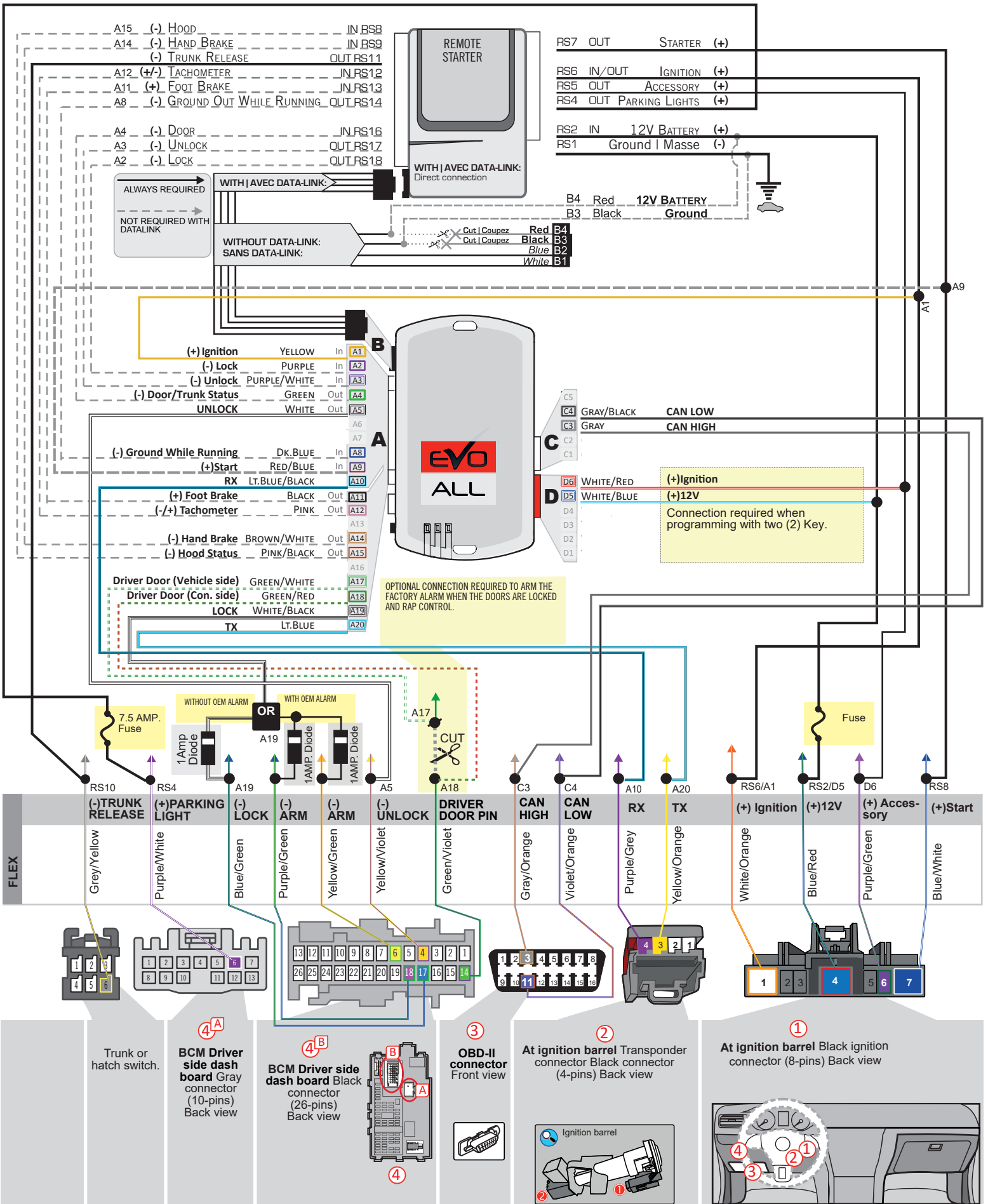
T-HARNESS: 12V BATTERY

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

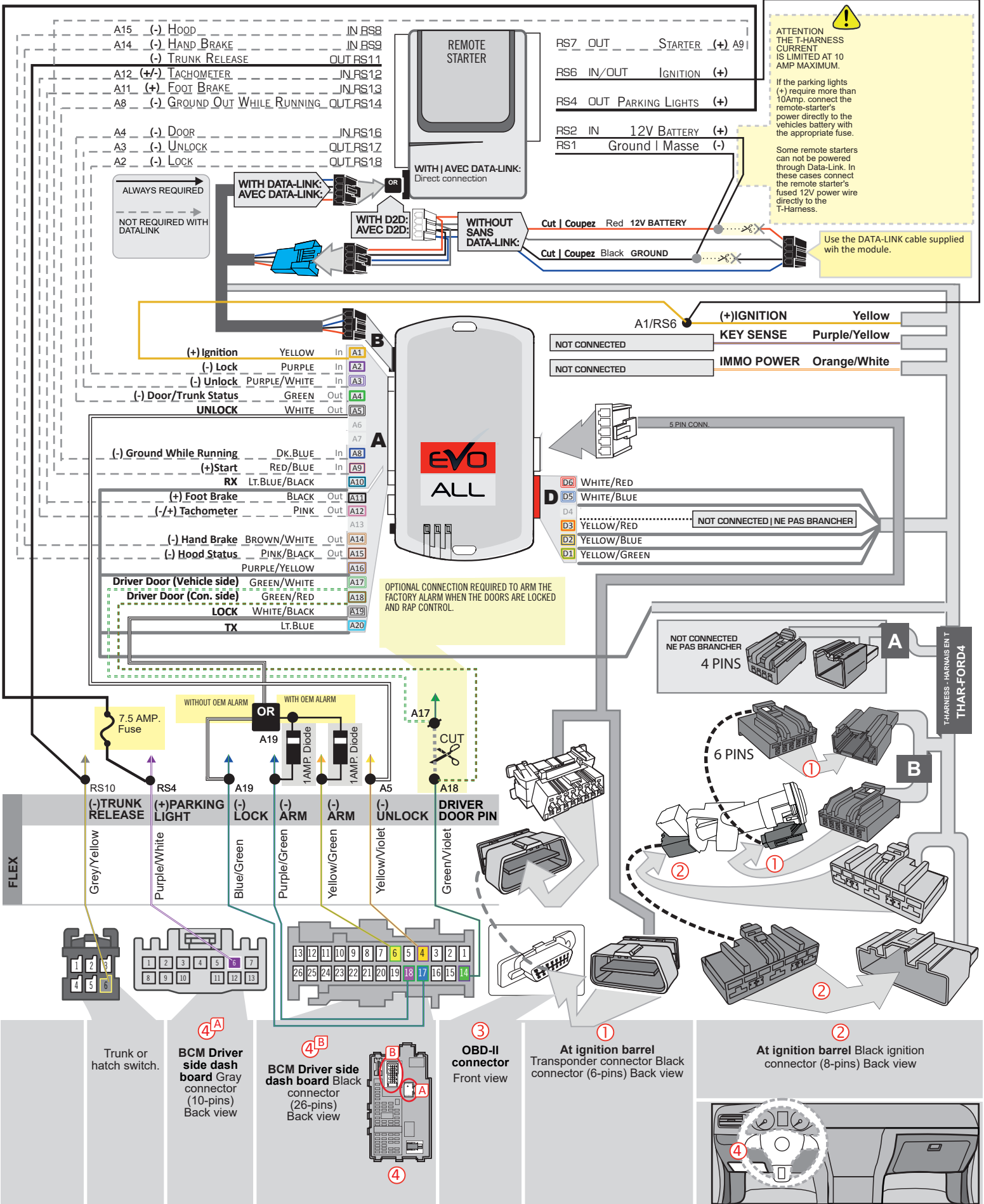
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.


WIRING CONNECTION




THAR-FOR4 - INSTALLATION WIRING



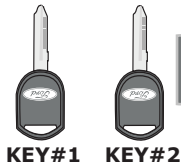
Choose between :



2 key programming.

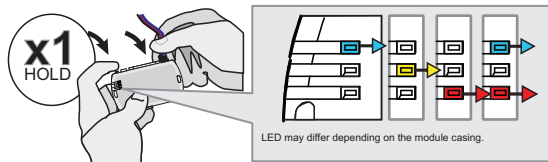


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

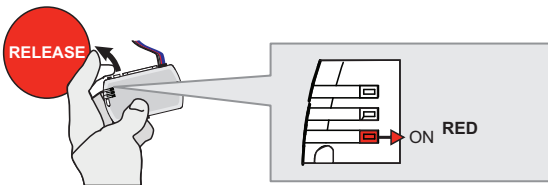
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

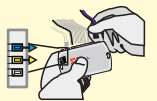
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

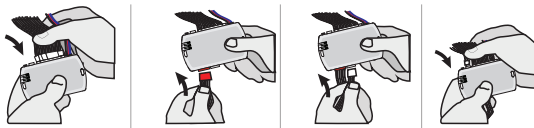


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

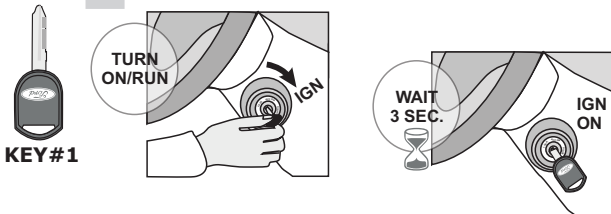


3



Insert the required remaining connectors.

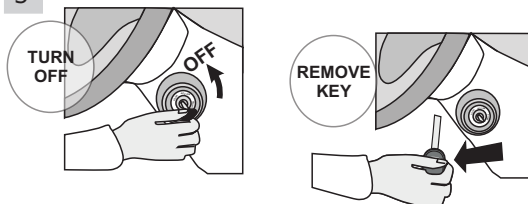
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

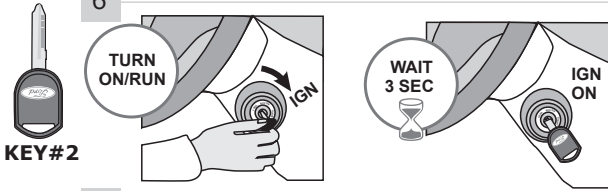
5



Turn the key to the OFF position.

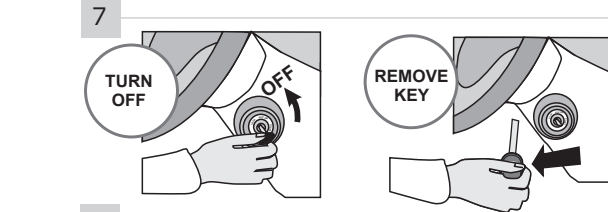
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2 |



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



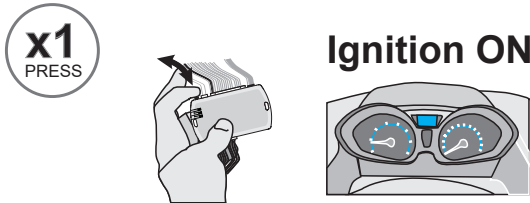
Turn the key to the OFF position.

Remove the second key.

8

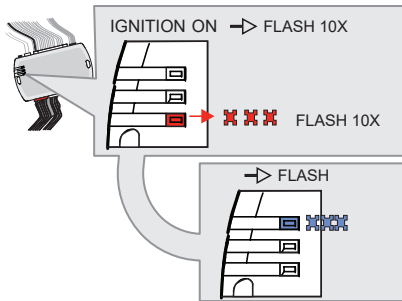
CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.

5 sec. max



Press and release the programming button.

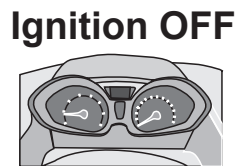
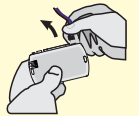
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.



Parts required (not included)

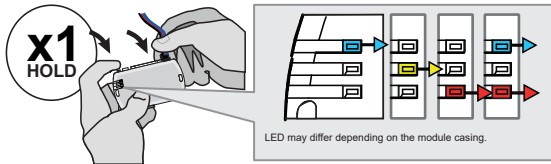
- 1x FLASH LINK UPDATER, SOFTWARE | PROGRAMME
- 1x FLASH LINK MANAGER
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x FLASH LINK MOBILE
- 1x FLASH LINK MOBILE APP
- 1x Smartphone Android or iOS with Internet connection (Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

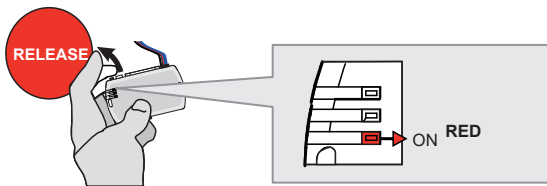
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

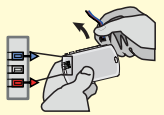
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

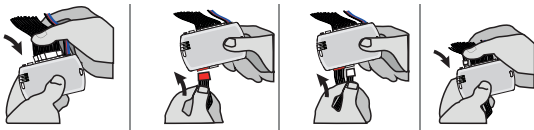


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

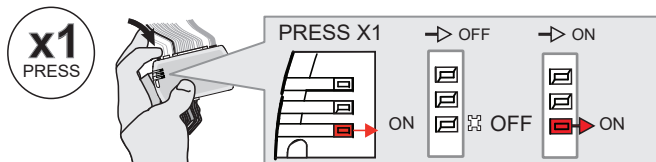


3



Insert the required remaining connectors.

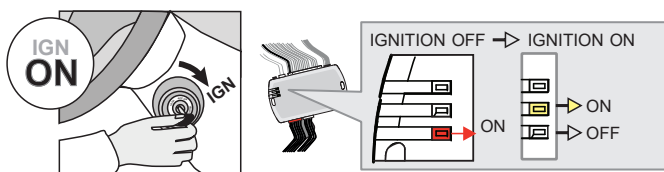
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



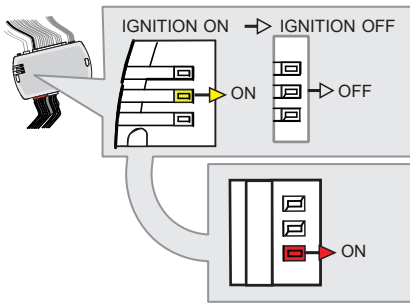
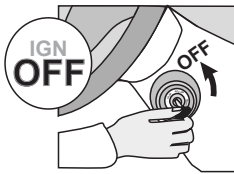
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3 |

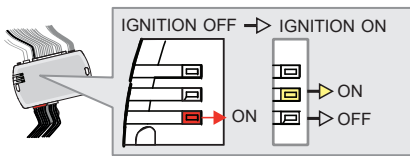
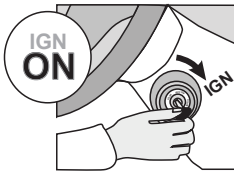
6



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

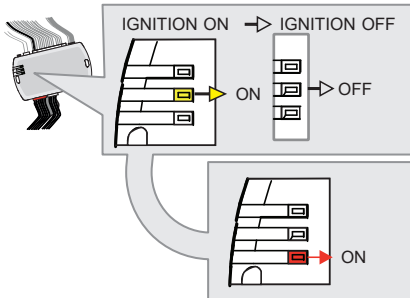
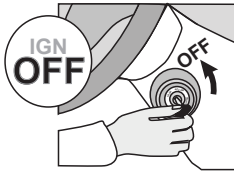
↳ The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳ The RED LED will turn OFF.
↳ The YELLOW LED will turn on.

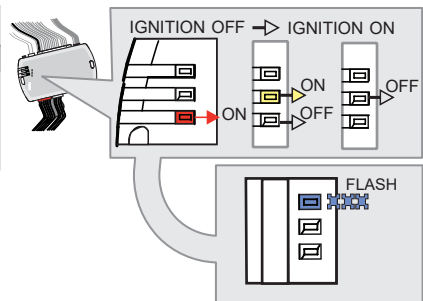
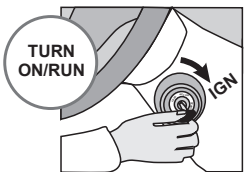
8



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

↳ The RED LED will turn on.

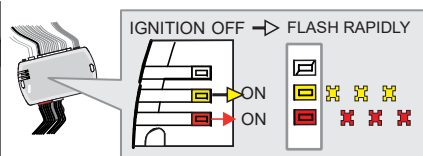
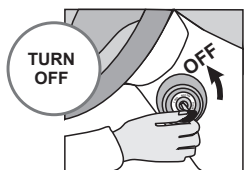
9



Turn the key to the Ignition ON/RUN position.
↳ The YELLOW LED will turn on and off.
↳ The RED LED will turn OFF.

↳ WAIT, the BLUE LED to flash rapidly.

10

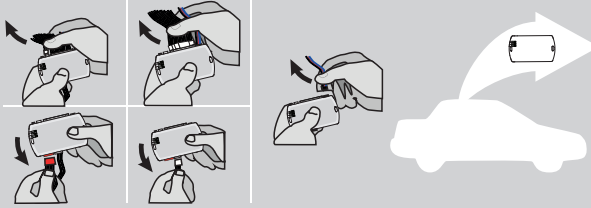


Turn the key to the OFF position.

↳ The RED and YELLOW LEDs will alternate.

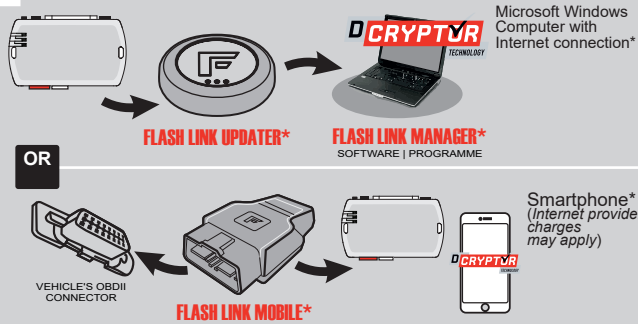
KEY BYPASS PROGRAMMING PROCEDURE 3/3 |

11



Disconnect all the connectors and after the Data-Link (4-pins) connector.

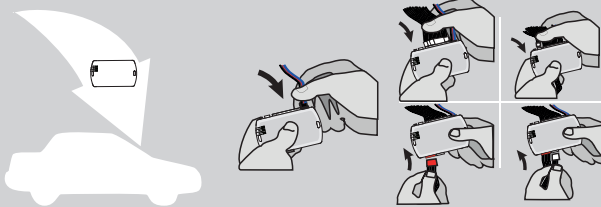
12



Use the tool: **FLASH LINK UPDATER** or **FLASH LINK MOBILE** to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER FUNCTIONALITY |



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 INSTALLATION
ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)														
		Immobilizer bypass	T-Harness available (sold separately)	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD																
Flex	80-bits (SA KEY) 2013-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

UNIT OPTION	DESCRIPTION						
		<div style="display: flex; align-items: center;"> <div style="text-align: center;"> <p>Program bypass option:</p> </div> </div>	<table border="1"> <tr> <td style="text-align: center; vertical-align: middle; font-size: 24px; color: red;">A5</td> <td style="text-align: center;"> <div style="background-color: green; color: white; padding: 5px; width: 30px; margin: 0 auto;">ON</div> </td> <td>AUX.1 Par défaut with OEM alarm</td> </tr> <tr> <td></td> <td style="text-align: center;"> <div style="background-color: red; color: white; padding: 5px; width: 30px; margin: 0 auto;">OFF</div> </td> <td>AUX.1 without OEM alarm</td> </tr> </table>	A5	<div style="background-color: green; color: white; padding: 5px; width: 30px; margin: 0 auto;">ON</div>	AUX.1 Par défaut with OEM alarm	
A5	<div style="background-color: green; color: white; padding: 5px; width: 30px; margin: 0 auto;">ON</div>	AUX.1 Par défaut with OEM alarm					
	<div style="background-color: red; color: white; padding: 5px; width: 30px; margin: 0 auto;">OFF</div>	AUX.1 without OEM alarm					
C1	OEM Remote status (Lock/Unlock) monitoring						
A11	<div style="background-color: red; color: white; padding: 5px; width: 30px; margin: 0 auto;">OFF</div>	Hood trigger (Output Status).					

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

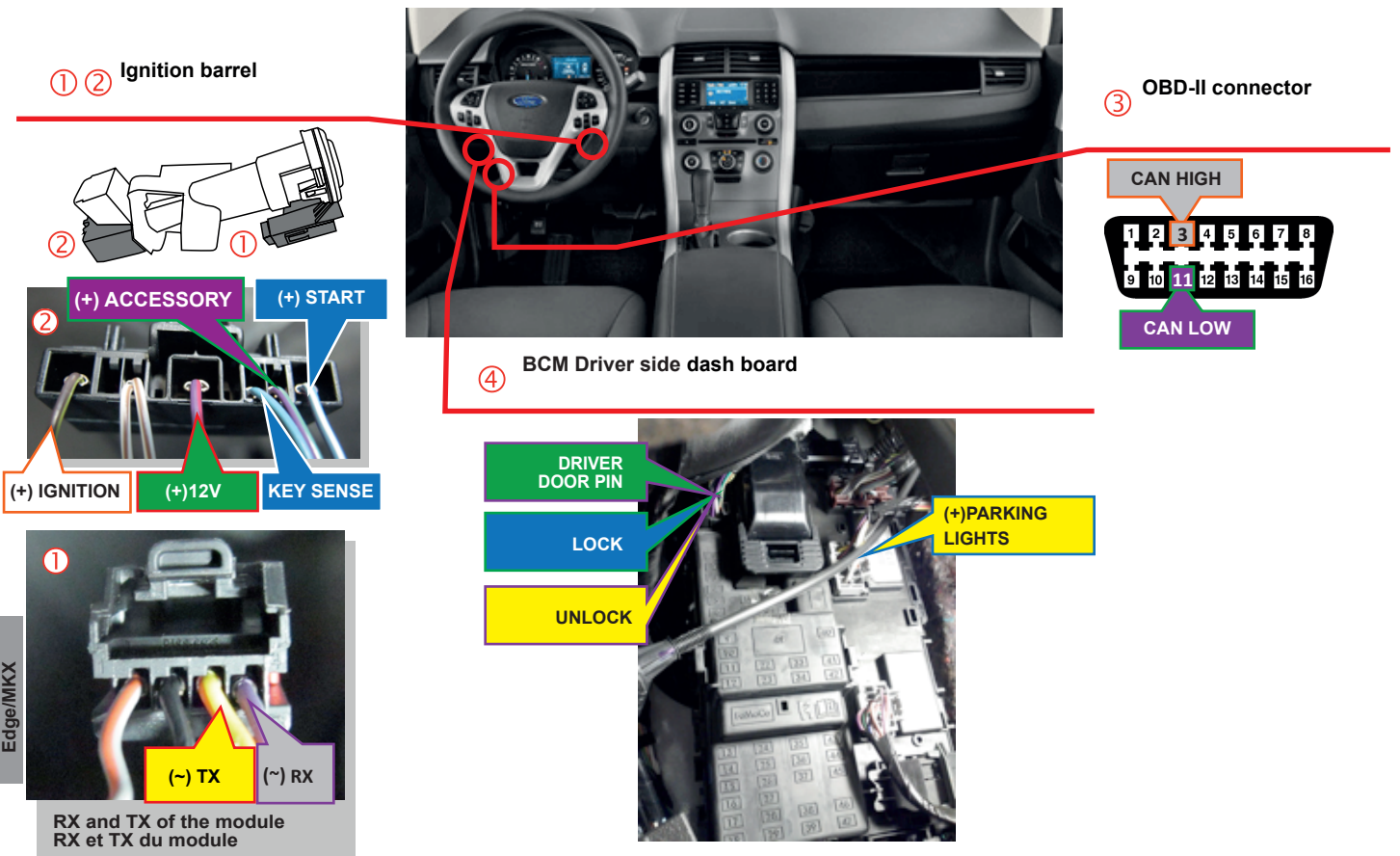
Parts required (Not included) PAGE

WIRE TO WIRE DIAGRAM

	1x 7.5 Amp. fuse 1x fuse 3x 1Amp. Diode	Page 3
--	---	--------

THARNNESS DIAGRAM

THARNNESS THAR-FORD4	1x THAR-FOR4 1x 7.5 Amp. fuse	Page 4
THARNNESS THAR-FORD1	1x THAR-FOR1 1x 7.5 Amp. fuse 1x 1Amp. Diode	Page 5



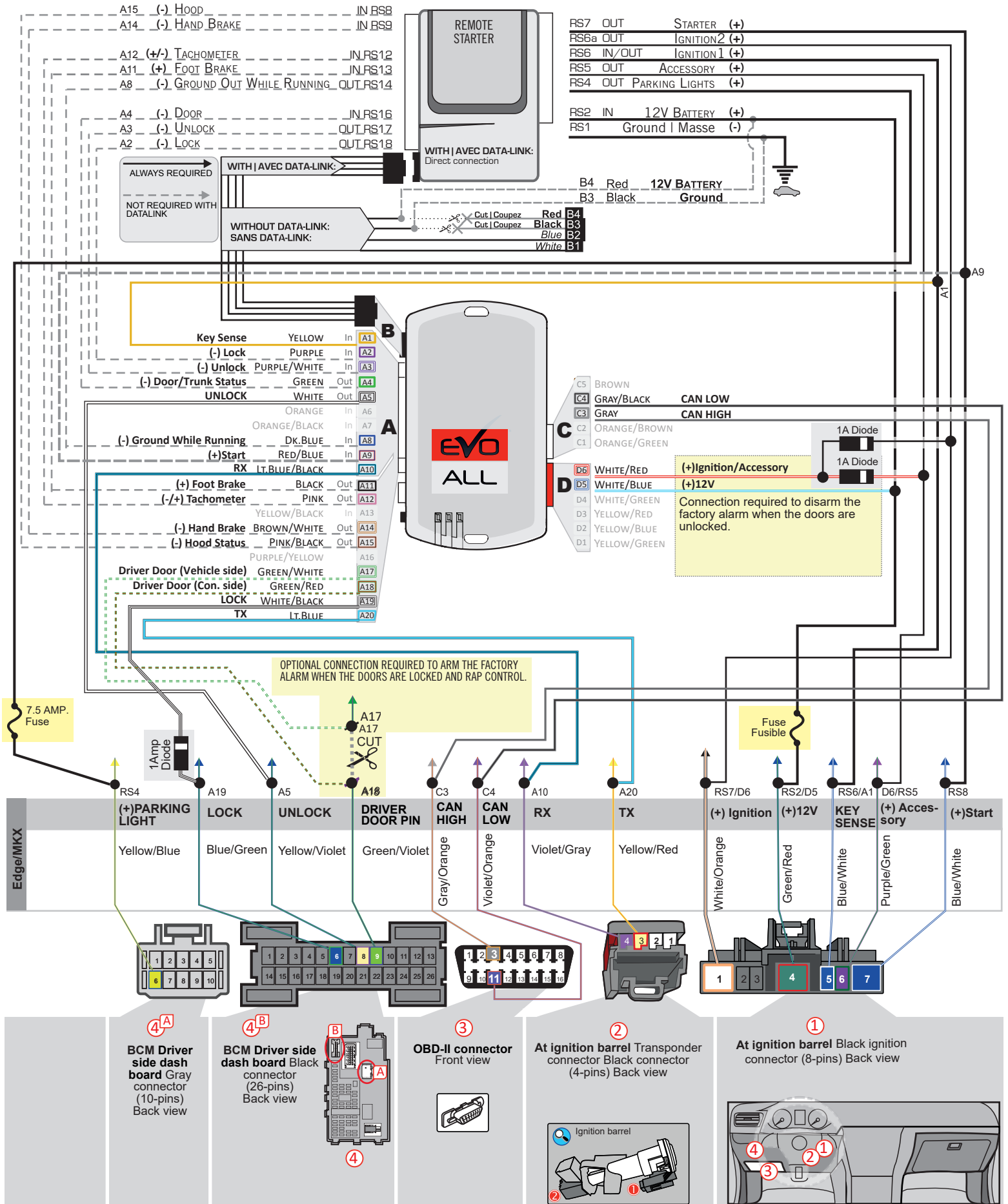
T-HARNESS: 12V BATTERY

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

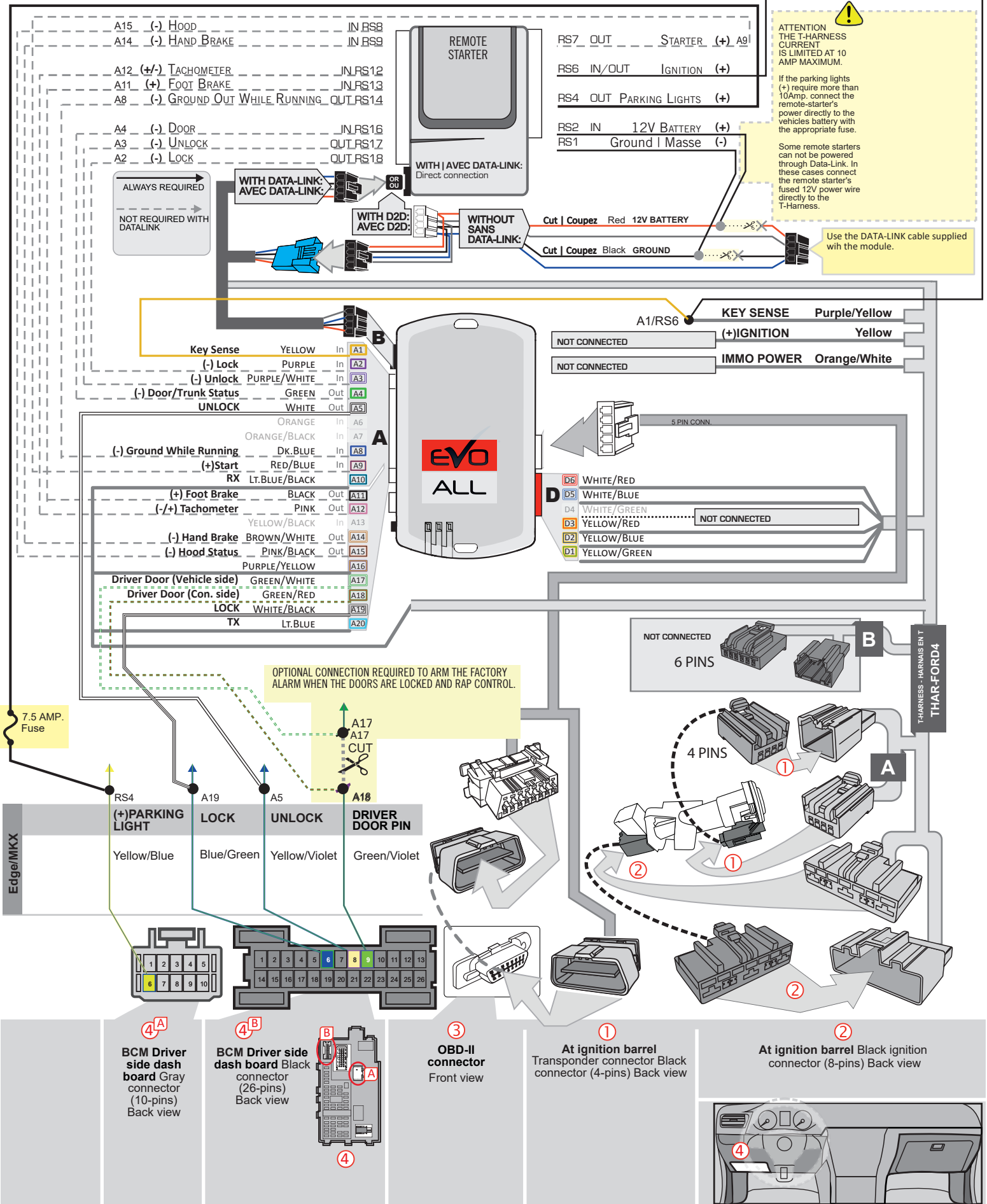
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

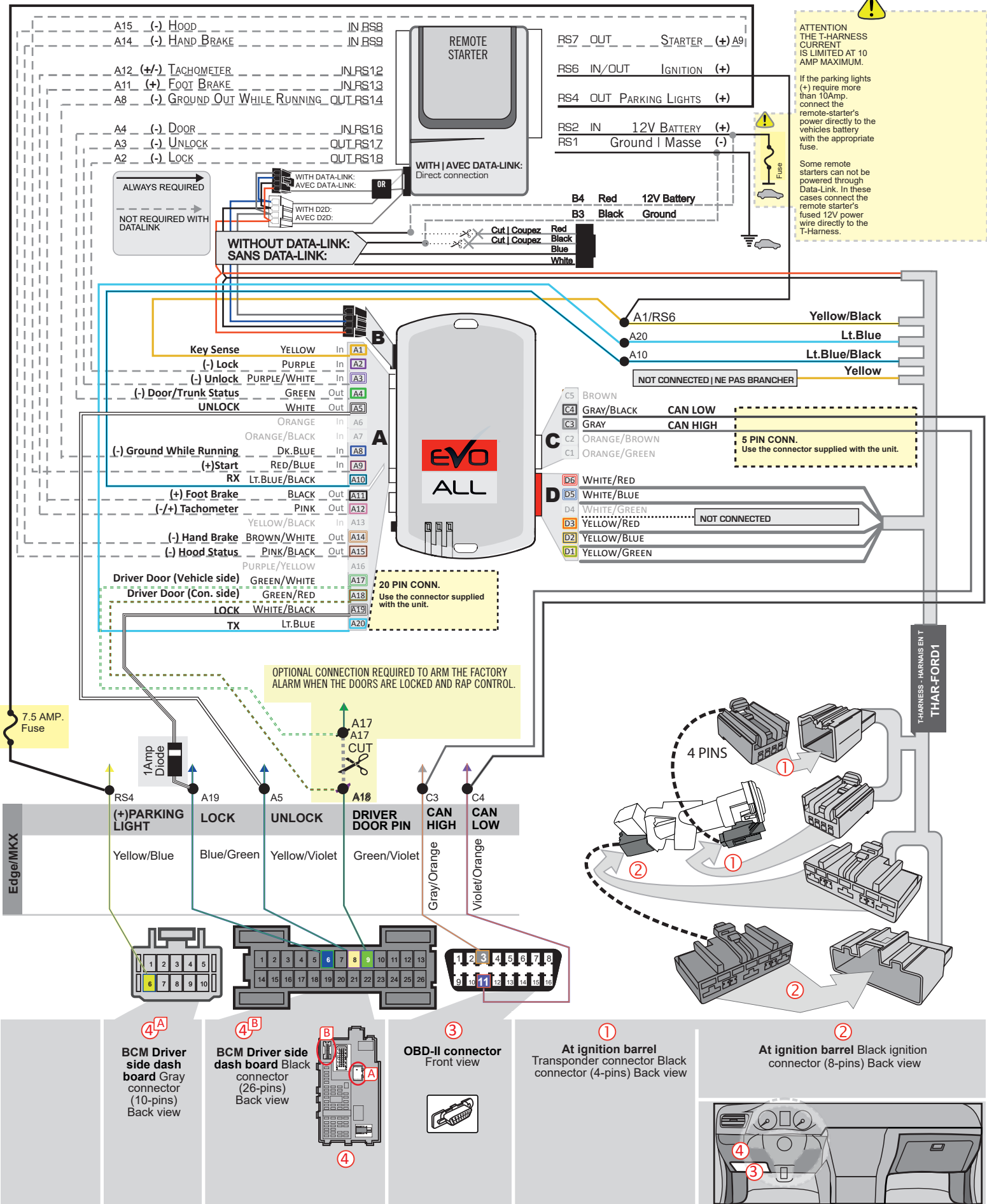
WIRING CONNECTION



THAR-FOR4 - INSTALLATION WIRING

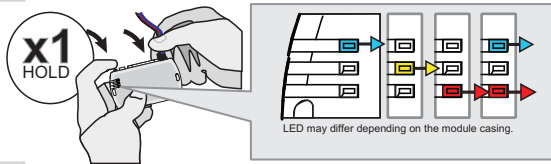


THAR-FOR1 - INSTALLATION WIRING



KEY BYPASS PROGRAMMING PROCEDURE 1/2

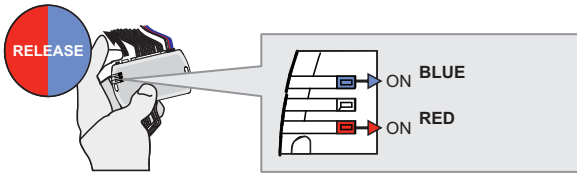
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

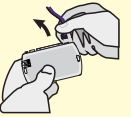
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

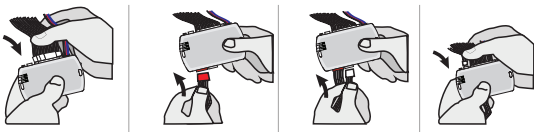


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 4-Pin connector (Data-Link) and go back to step 7.

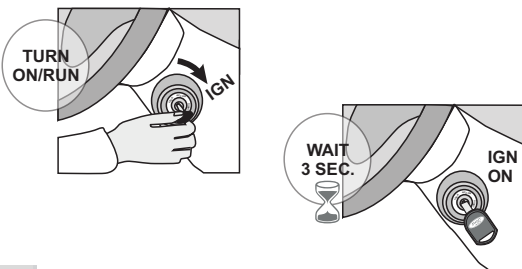


3



Insert the required remaining connectors.

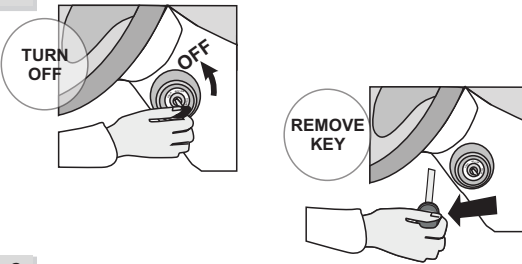
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

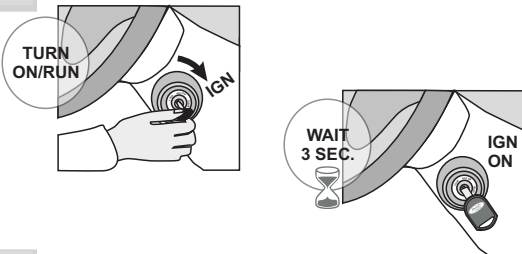
5



Turn the key to the OFF position.

and **remove** the first key.

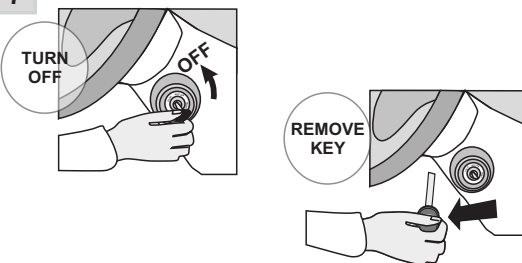
6



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

7

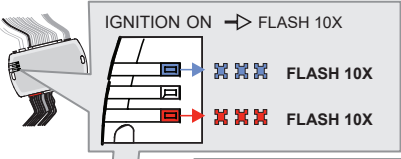


Turn the key to the OFF position.

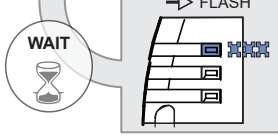
and **remove** the second key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2

8

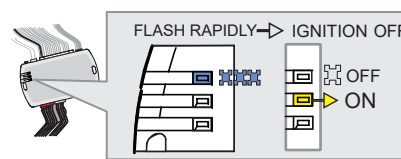
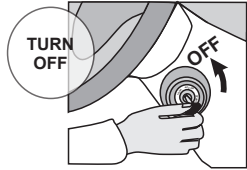


Turn the key to the Ignition ON/RUN position.
 ↳ The RED AND BLUE LEDs will flash rapidly ten (10) times.
 Key bypass programmed.



Wait
 ↳ The BLUE LED will flash rapidly.
 CAN-Bus programmed.

9



Turn the Ignition to the OFF position.
 ↳ The BLUE LED will turn off.
 ↳ The YELLOW LED will turn on.



The module is now programmed.
 Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Immobilizer bypass	T-Harness available (sold separately)	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Tachometer	Door Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD															
F150	80-bits (SA KEY) 2011-2014	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F250	80-bits (SA KEY) 2011-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F350	80-bits (SA KEY) 2011-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F450	80-bits (SA KEY) 2011-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F550	80-bits (SA KEY) 2011-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F650	80-bits (SA KEY) 2011-2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

	UNIT OPTION	DESCRIPTION
<p>Program bypass option:</p>	A5	<div style="background-color: green; color: white; padding: 5px; display: inline-block;">ON</div> <p>AUX.1 Par défaut with OEM alarm</p>
		<div style="background-color: red; color: white; padding: 5px; display: inline-block;">OFF</div> <p>AUX.1 without OEM alarm</p>
	C1	OEM Remote status (Lock/Unlock) monitoring
<p>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</p>	A11	<div style="background-color: red; color: white; padding: 5px; display: inline-block;">OFF</div> <p>Hood trigger (Output Status).</p>

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

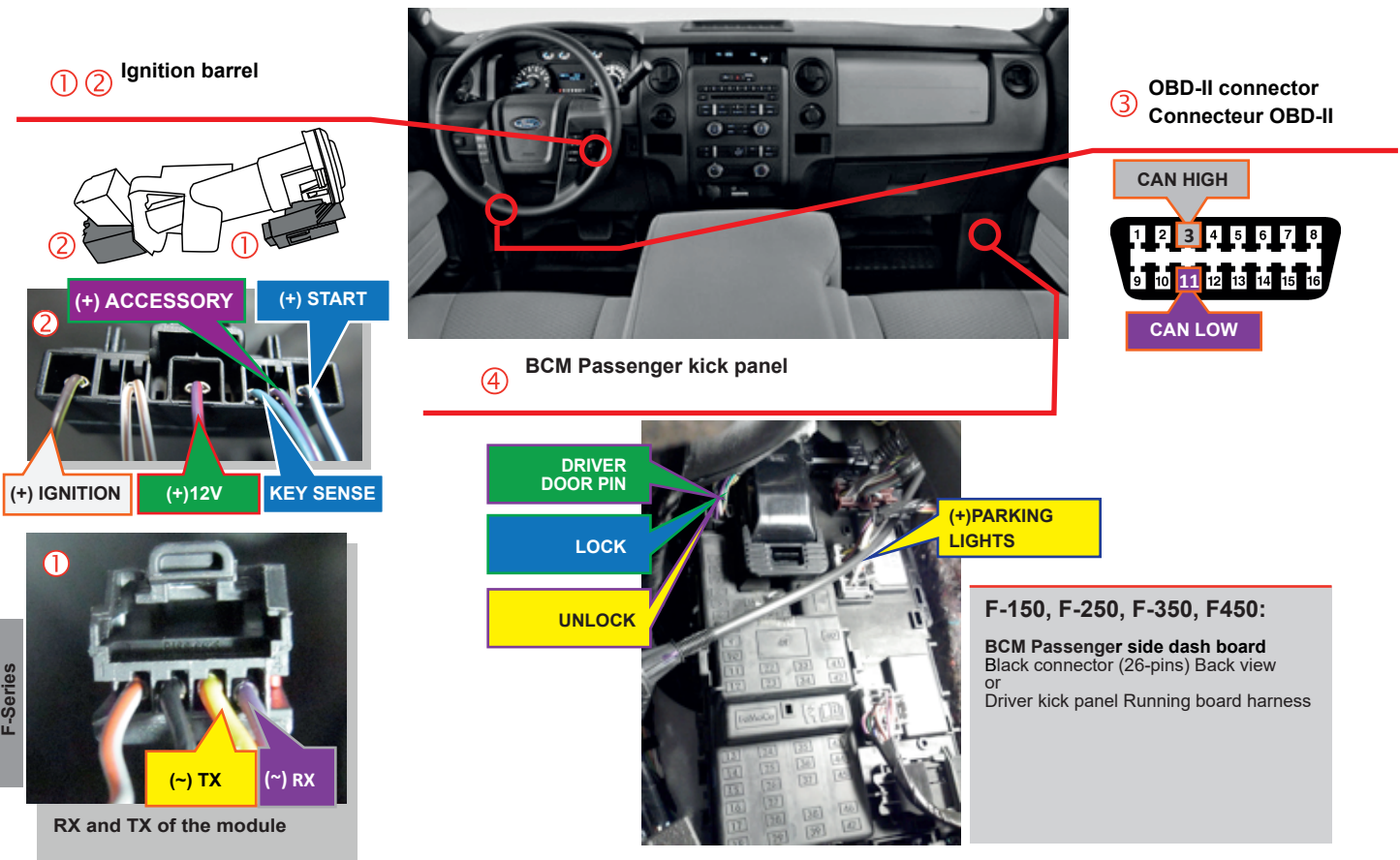
Parts required (Not included) PAGE

WIRE TO WIRE DIAGRAM

	1x 7.5 Amp. fuse 1x fuse 3x 1Amp. Diode	Page 3
--	---	--------

THARNNESS DIAGRAM

THARNNESS THAR-FORD4	1x THAR-FOR4 1x 7.5 Amp. fuse	Page 4
THARNNESS THAR-FORD1	1x THAR-FOR1 1x 7.5 Amp. fuse 1x 1Amp. Diode	Page 5



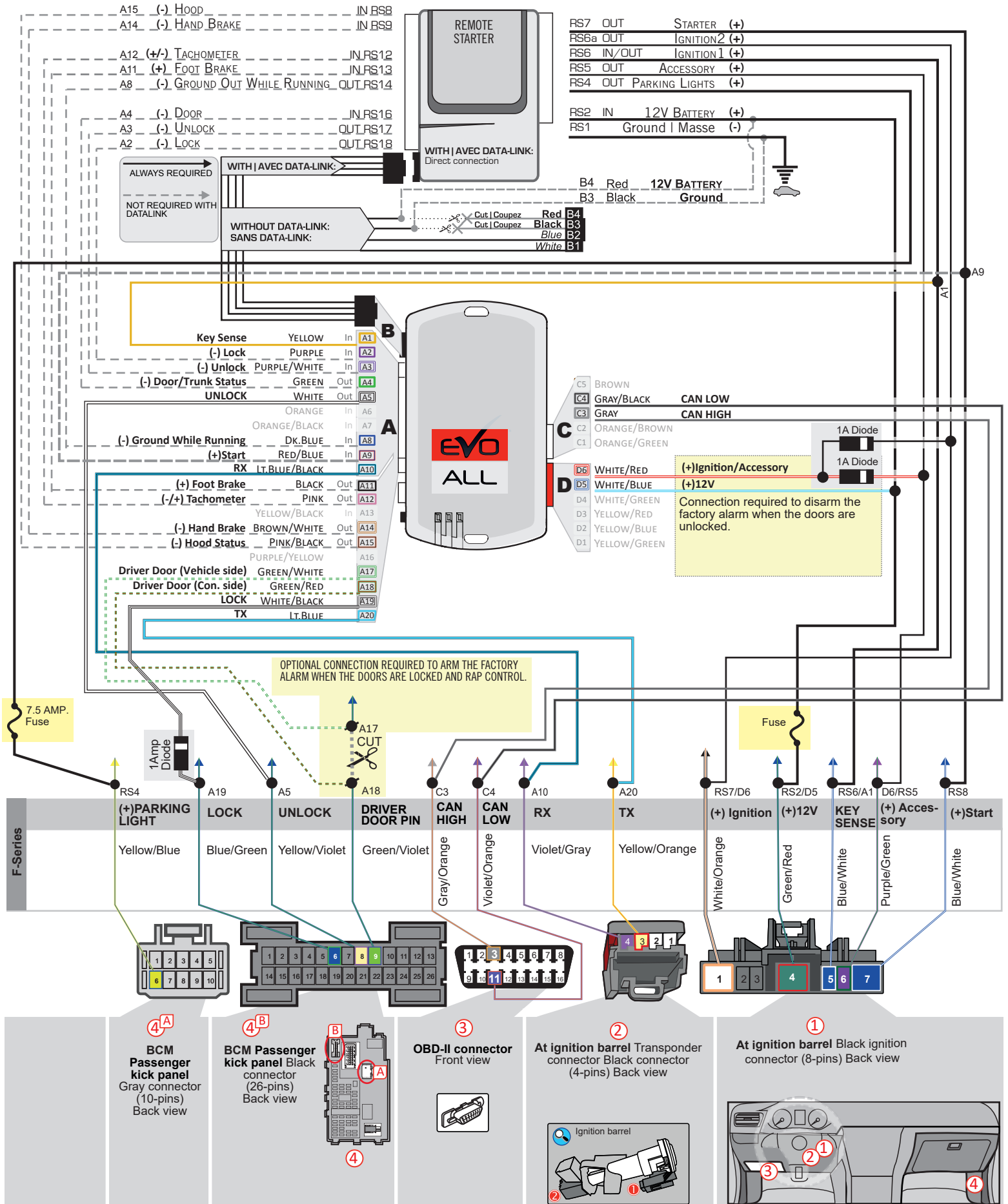
T-HARNESS: 12V BATTERY

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

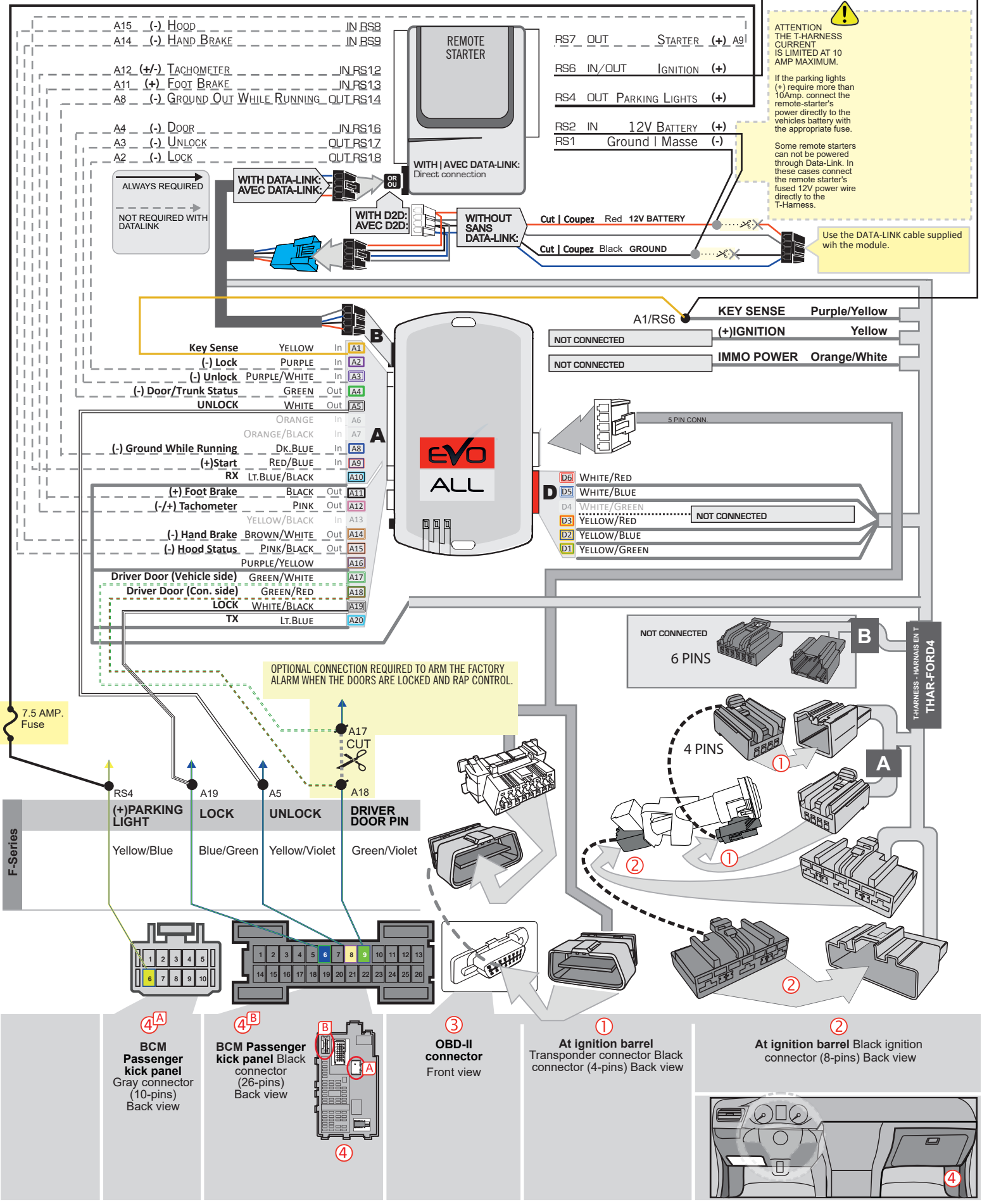
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

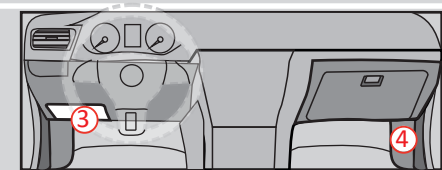
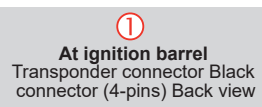
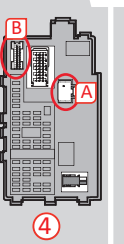
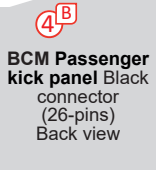
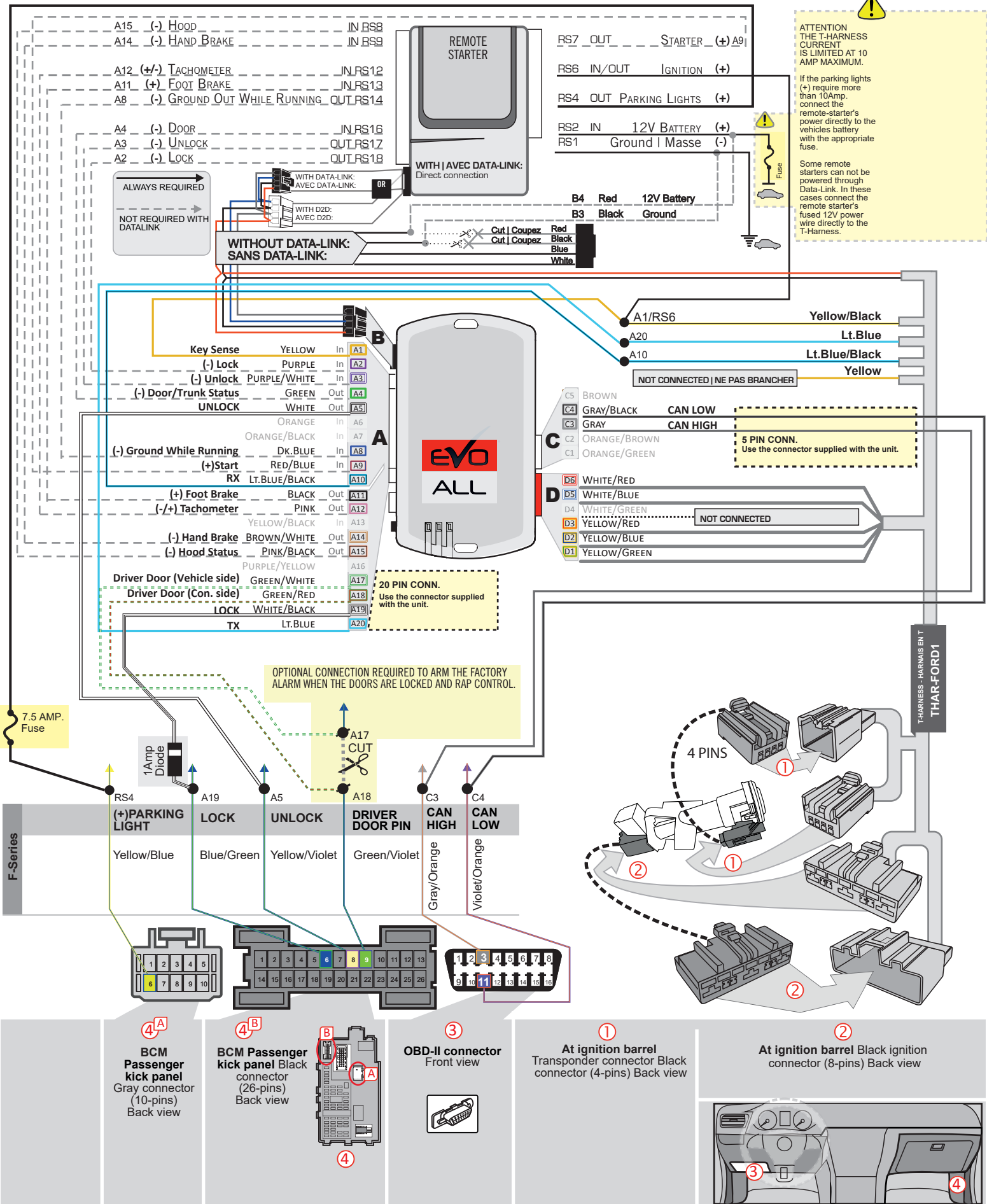
WIRING CONNECTION



THAR-FOR4 - INSTALLATION WIRING

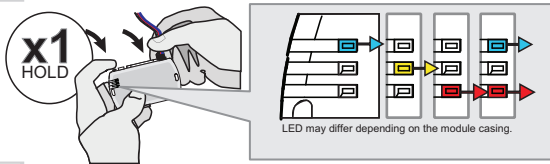


THAR-FOR1 - INSTALLATION WIRING



KEY BYPASS PROGRAMMING PROCEDURE 1/2

1

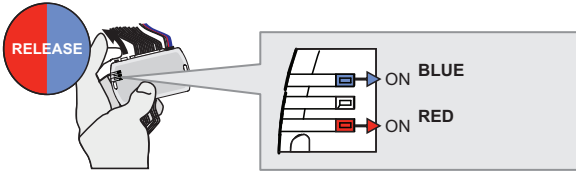


Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

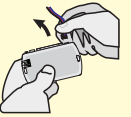
↳ Les DELs Bleue, Rouge, Jaune et Bleue & Rouge s'allumeront alternativement.

2

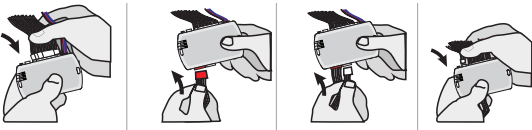


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 4-Pin connector (Data-Link) and go back to step 7.

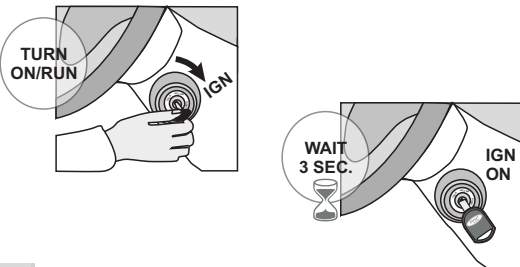


3



Insert the required remaining connectors.

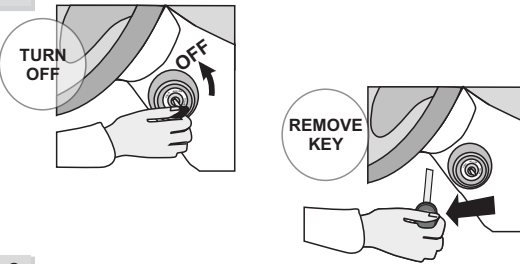
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

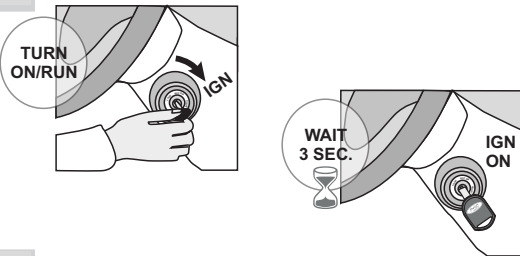
5



Turn the key to the OFF position.

and **remove** the first key.

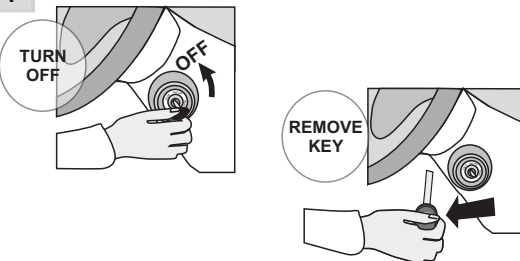
6



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

7

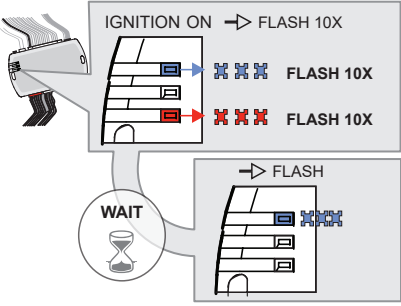


Turn the key to the OFF position.

and **remove** the second key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2

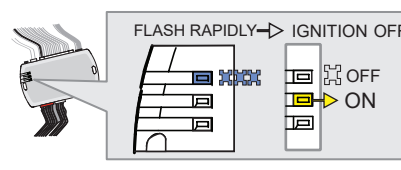
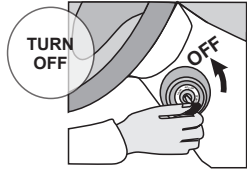
8



Turn the key to the Ignition ON/RUN position.
 ↳ The RED AND BLUE LEDs will flash rapidly ten (10) times.
 Key bypass programmed.

Wait
 ↳ The BLUE LED will flash rapidly.
 CAN-Bus programmed.

9



Turn the Ignition to the OFF position.
 ↳ The BLUE LED will turn off.
 ↳ The YELLOW LED will turn on.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY



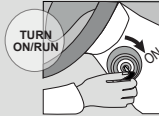
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)													
		Immobilizer bypass	Lock	Unlock	Arm	Disarm	Parking Lights	RAP Disable	Trunk Release	Tachometer	Door Status	Trunk Status	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD															
Fusion	2006-2009	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

	UNIT OPTION	DESCRIPTION
<p>Program bypass option:</p>	C1	OEM Remote status (Lock/Unlock) monitoring
<p>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</p>	<p style="font-size: 24px; font-weight: bold; color: red;">A11</p> <div style="background-color: red; color: white; padding: 2px 5px; display: inline-block; font-weight: bold;">OFF</div>	Hood trigger (Output Status).

Parts required (Not included)
PAGE

WIRE TO WIRE DIAGRAM

	1x 7.5 Amp. fuse 5x Diodes	<div style="border: 1px solid black; padding: 2px;">Page 3</div>
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THARNESS DIAGRAM

THARNESS THAR-FOR4	1x THAR-FOR4 1x 7.5 Amp. fuse 2x Diodes	<div style="border: 1px solid black; padding: 2px;">Page 4</div>
THARNESS THAR-FOR1	1x THAR-FOR1 1x 7.5 Amp. fuse 3x Diodes	<div style="border: 1px solid black; padding: 2px;">Page 5</div>

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

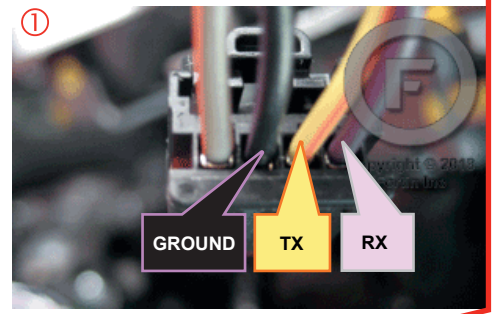
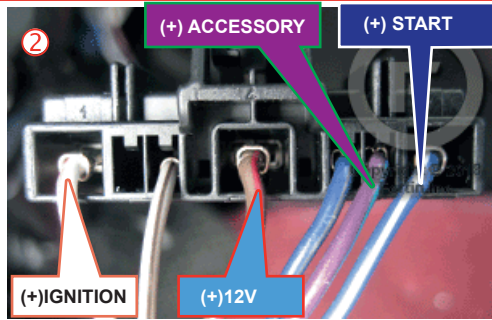
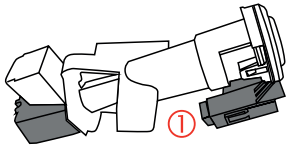
A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

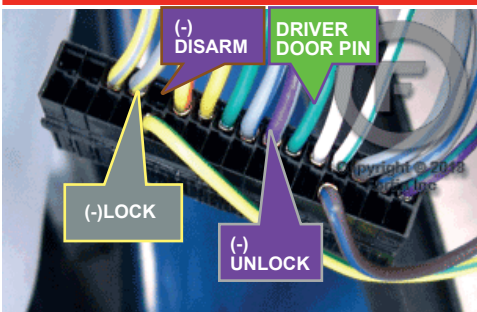
① ② At ignition barrel



⑦ At trunk switch



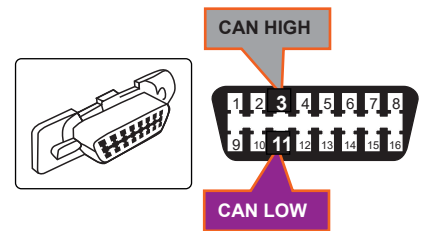
④ BCM, left of the steering column



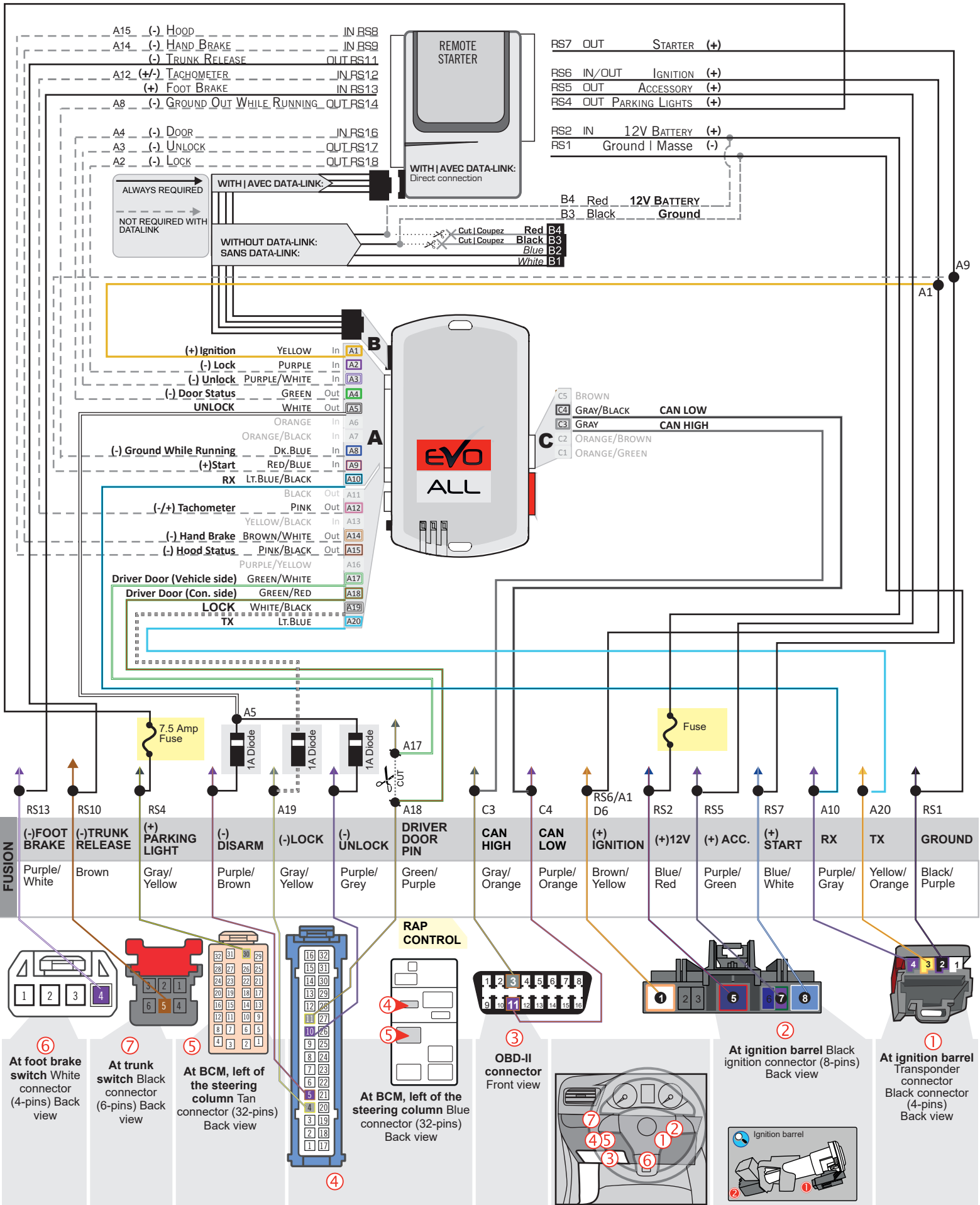
⑥ At brake switch



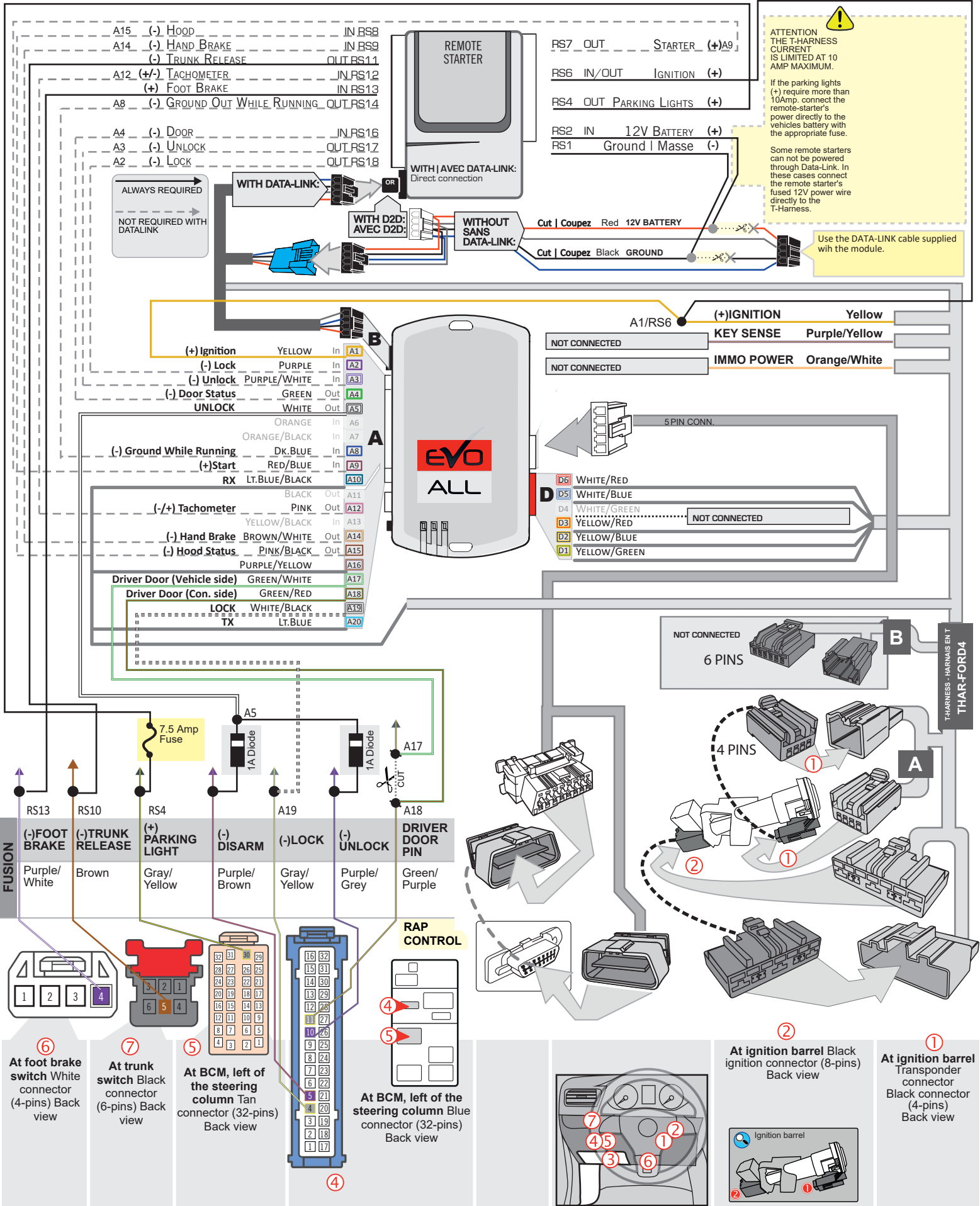
③ OBD-II connector



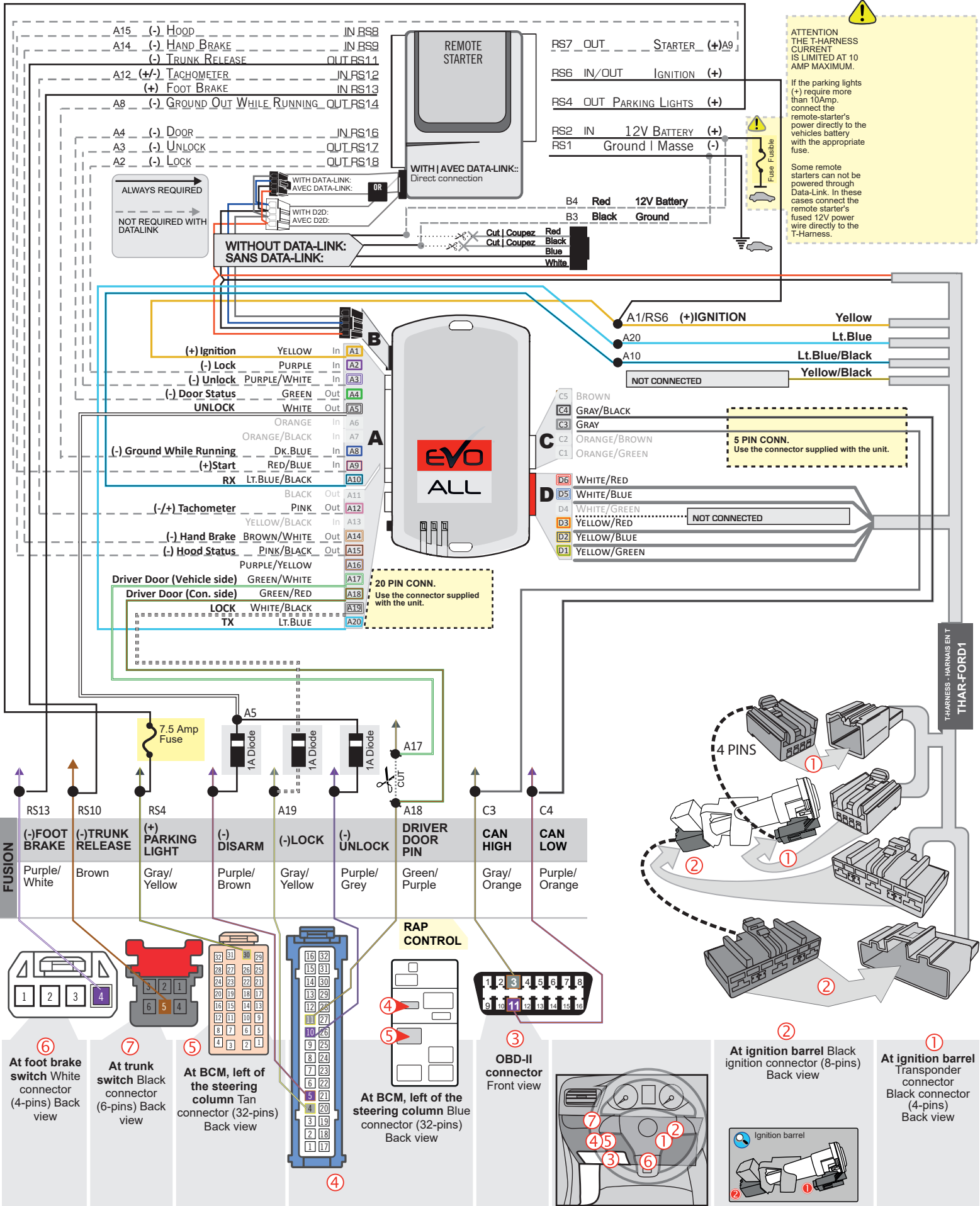
WIRING CONNECTION



THAR-FOR4 | WIRING CONNECTION |




THAR-FOR1 | WIRING CONNECTION




KEY BYPASS PROGRAMMING PROCEDURE 1/2

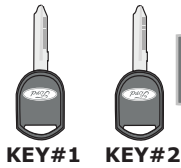
Choose between :



2 key programming.

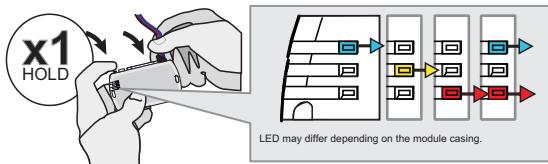


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

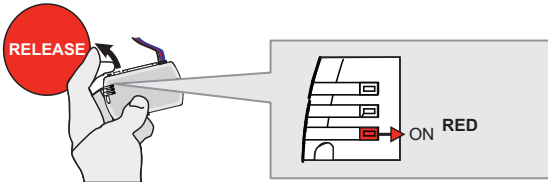
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

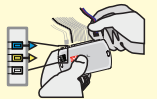
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

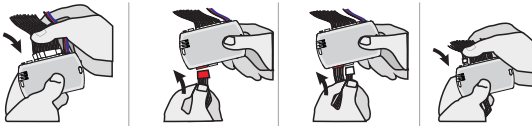


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

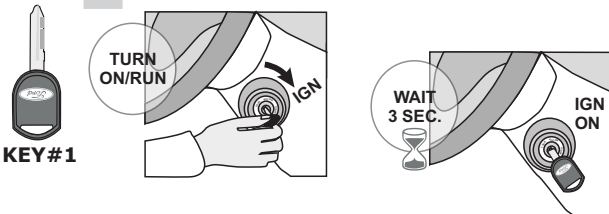


3



Insert the required remaining connectors.

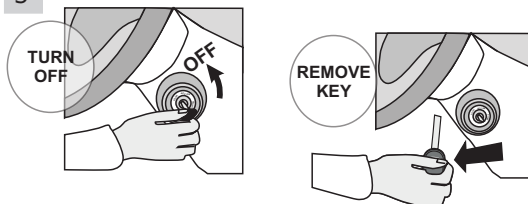
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

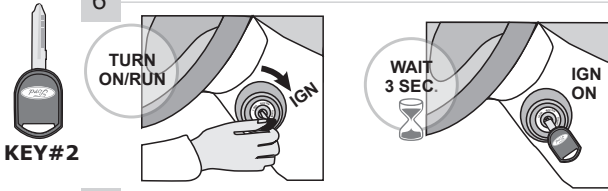
5



Turn the key to the OFF position.

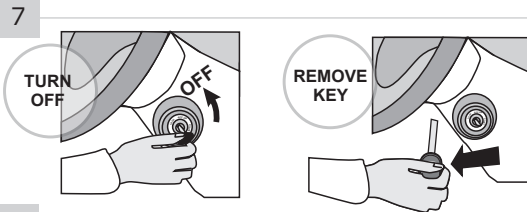
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

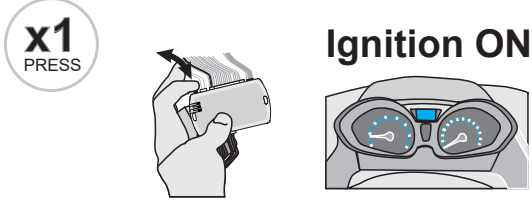
Wait 3 seconds.



Turn the key to the OFF position.

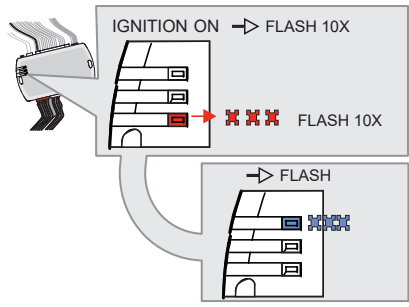
Remove the second key.

8 **CAUTION** The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.
5 sec. max



Press and release the programming button.

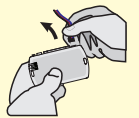
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

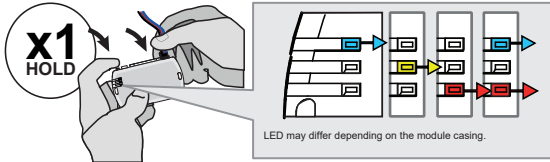
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- Smartphone Android or iOS with Internet connection
(Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

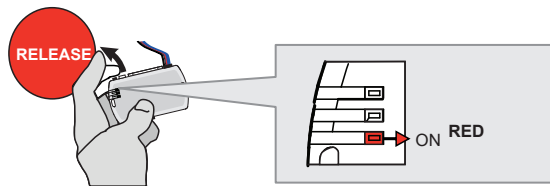
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

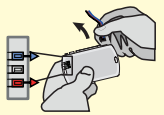
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

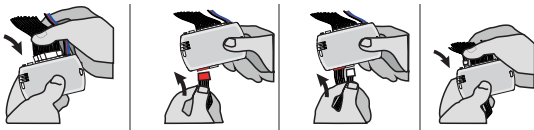


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

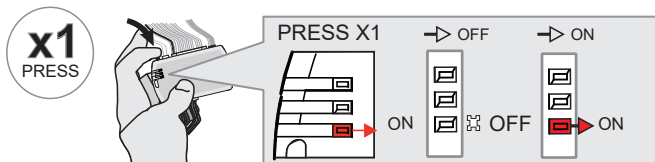


3



Insert the required remaining connectors.

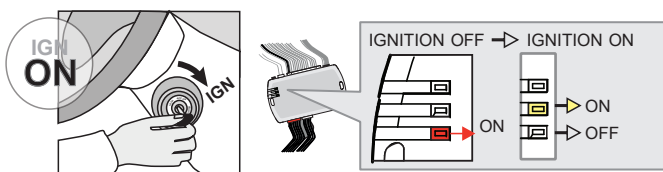
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



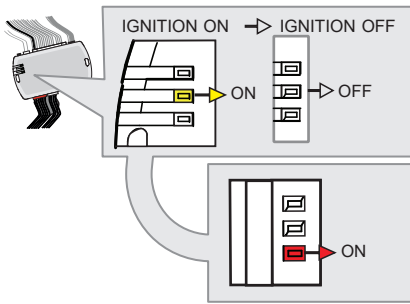
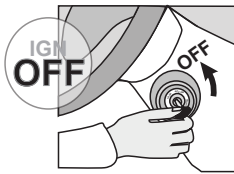
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

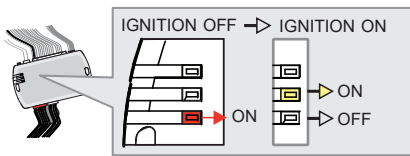
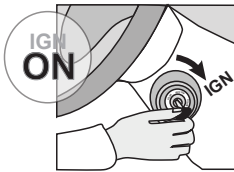
6



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

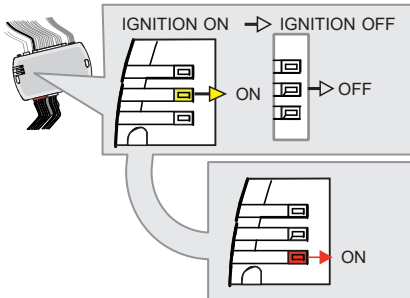
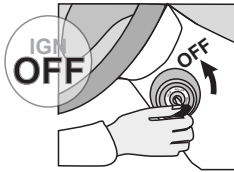
↳The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳The RED LED will turn OFF.
↳The YELLOW LED will turn on.

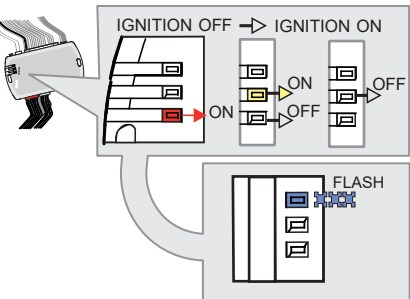
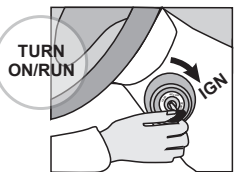
8



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

↳The RED LED will turn on.

9

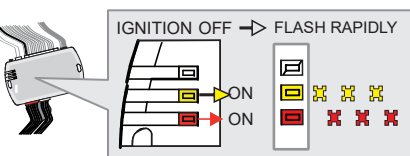
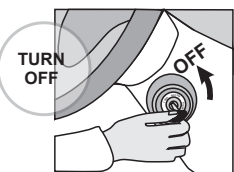


Turn the key to the Ignition ON/RUN position.
↳The YELLOW LED will turn on and off.

↳The RED LED will turn OFF.

↳**WAIT**, the BLUE LED to flash rapidly.

10

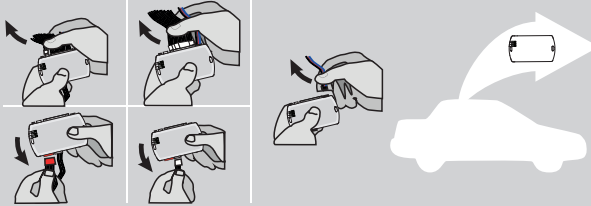


Turn the key to the OFF position.

↳The RED and YELLOW LEDs will alternate.

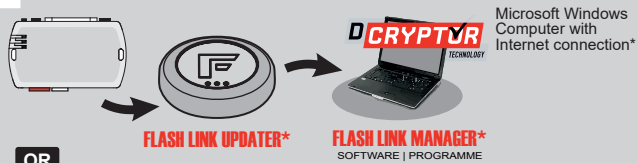
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



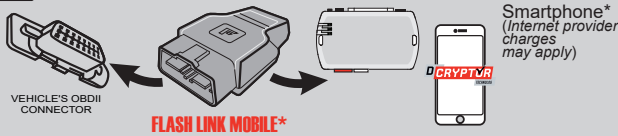
Disconnect all the connectors and after the Data-Link (4-pins) connector.

12



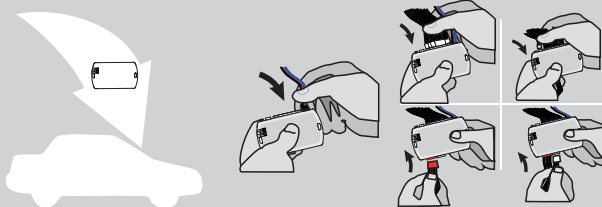
Use the tool: FLASH LINK UPDATER or FLASH LINK MOBILE to visit the DCryptor menu.

OR



*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED Go back to the vehicle and reconnect the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 INSTALLATION
ADDENDUM - SUGGESTED WIRING CONFIGURATION

"Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Immobilizer bypass	T-harness available (Sold separately)	"Vehicle functions supported in this diagram (functional if equipped)"													
				Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Trunk Release	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD																	
Fusion	40-bits	2010-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
MAZDA																	
Tribute	40-bits	2008-2011	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

UNIT OPTION	DESCRIPTION	
	A5	ON
OFF		AUX.1 without OEM alarm
C1	OEM Remote status (Lock/Unlock) monitoring	
A11	OFF	Hood trigger (Output Status).

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

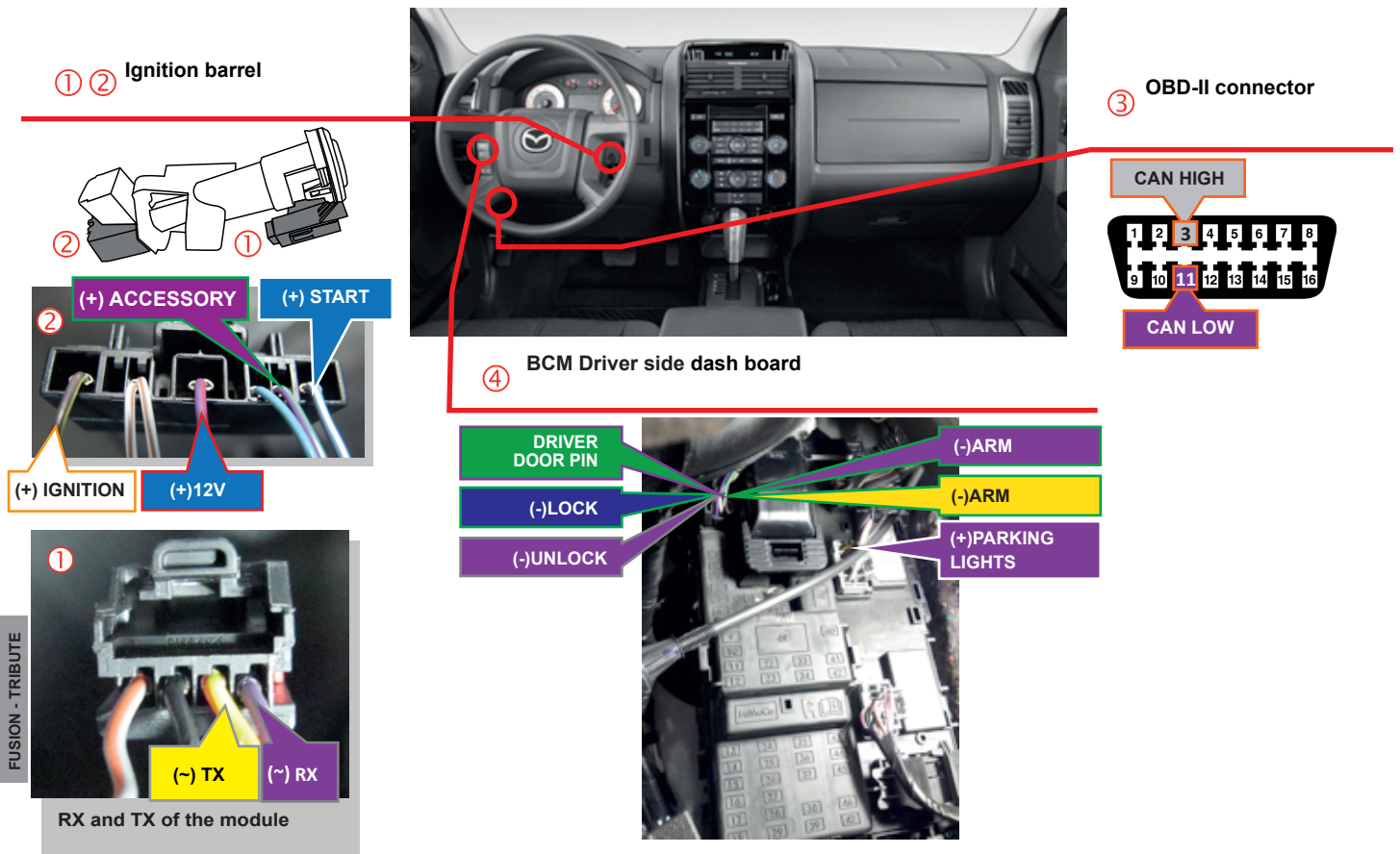
A11	OFF
------------	------------

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

	Parts required (Not included)	PAGE
WIRE TO WIRE DIAGRAM		
	1x 7.5 Amp. fuse 1x fuse 2x 1Amp. Diodes (with OEM alarm) 1x 1Amp. Diodes (without OEM alarm)	Page 3
THARNESSE DIAGRAM		
THARNESSE THAR-FORD4	1x THAR-FOR4 1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm)	Page 4
THARNESSE THAR-FORD1	1x THAR-FOR1 1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm) 1x 1Amp. Diodes (without OEM alarm)	Page 5



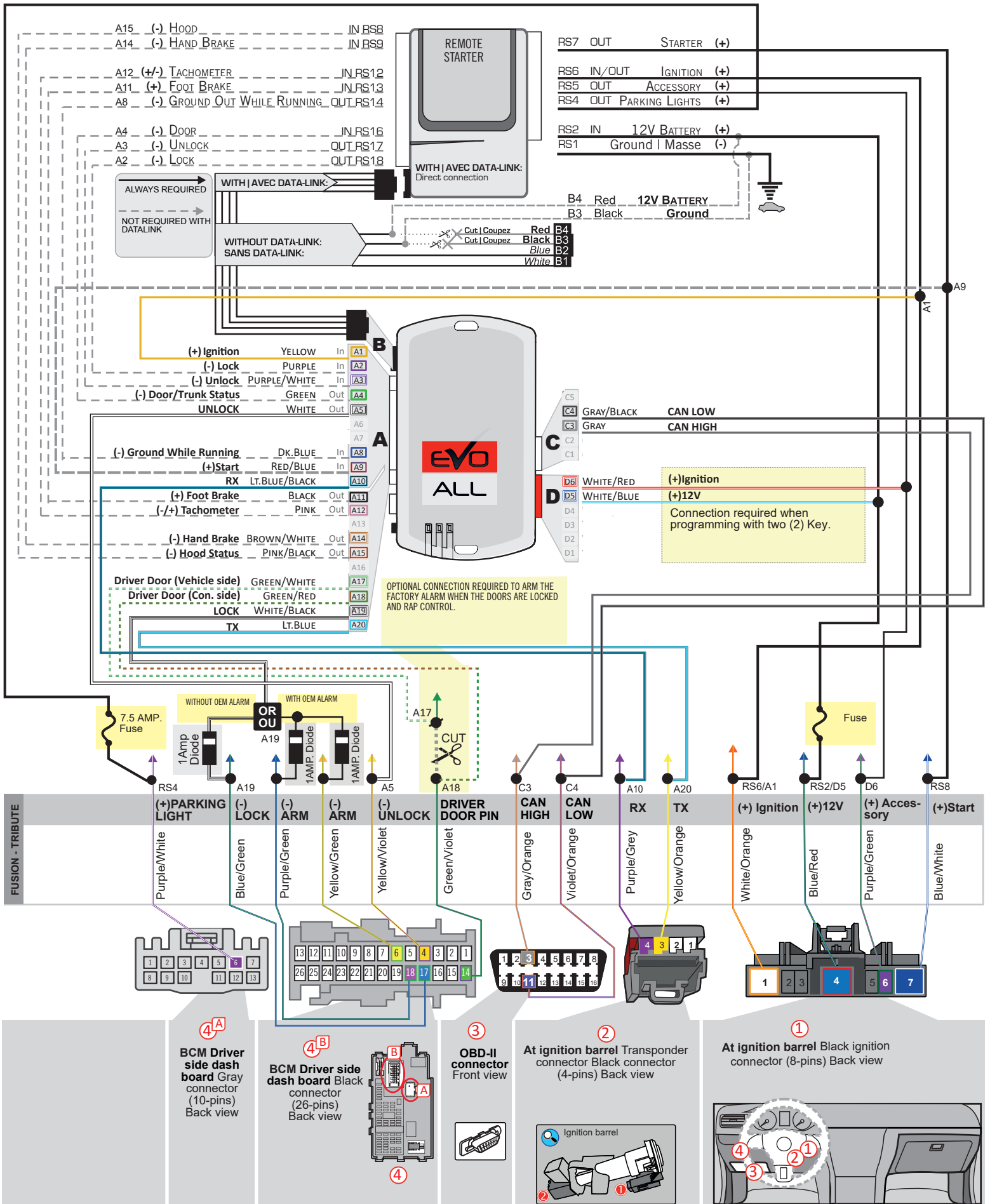
T-HARNESSE: 12V BATTERY

ATTENTION THE T-HARNESSE CURRENT IS LIMITED AT 10 AMP MAXIMUM.

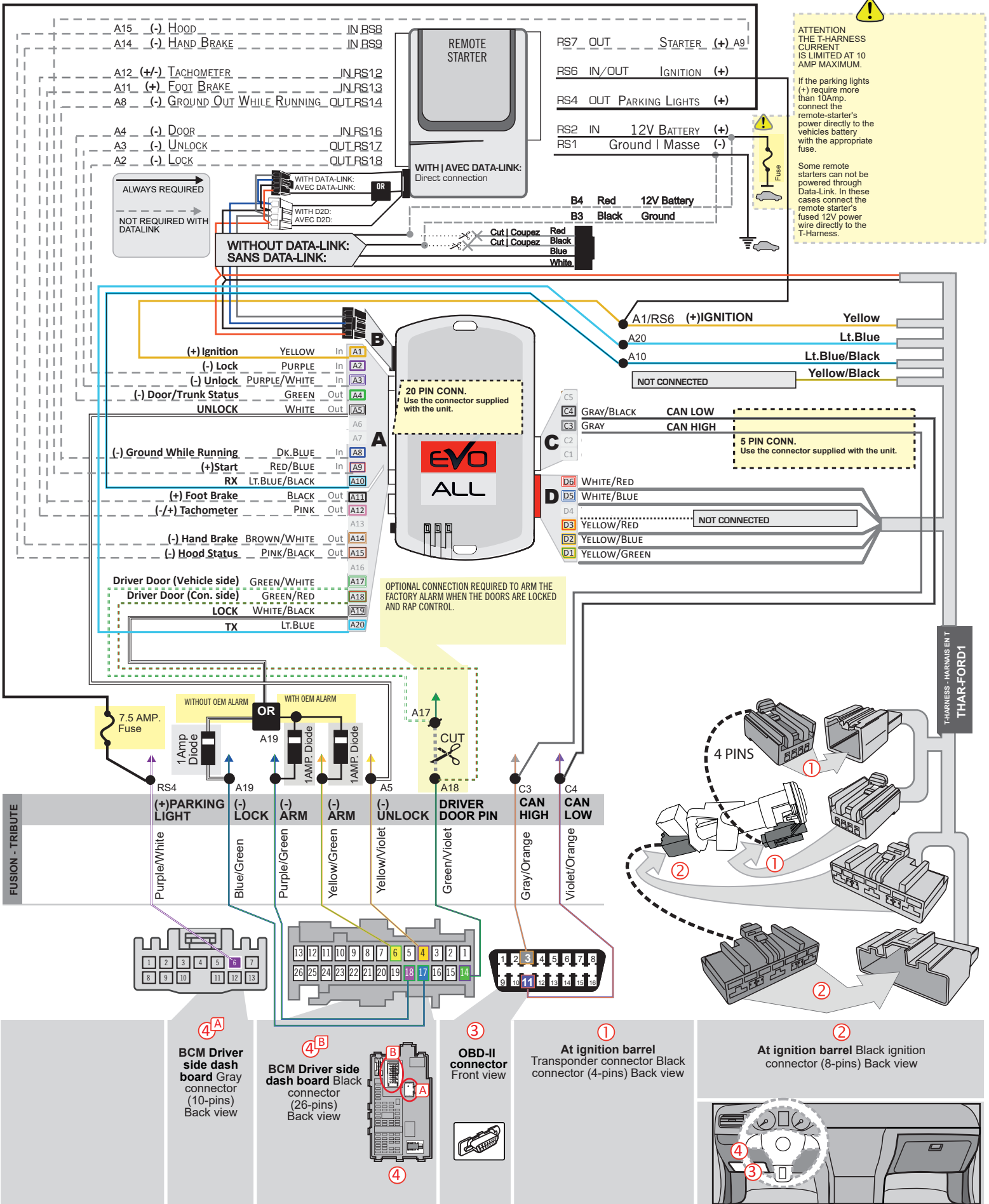
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.


WIRING CONNECTION




THAR-FOR1 - INSTALLATION WIRING



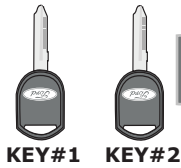
Choose between :



2 key programming.

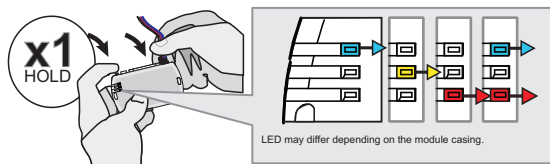


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

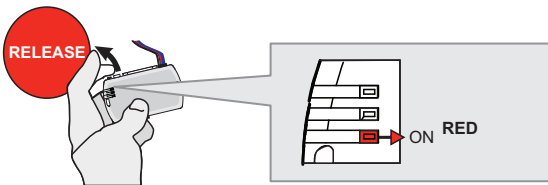
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

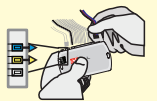
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

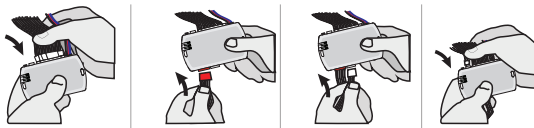


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

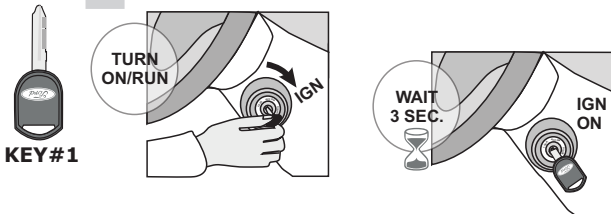


3



Insert the required remaining connectors.

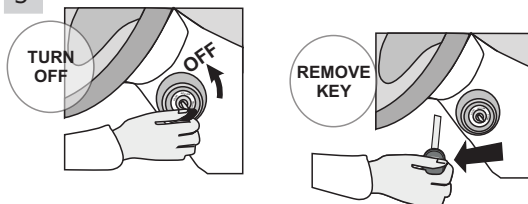
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

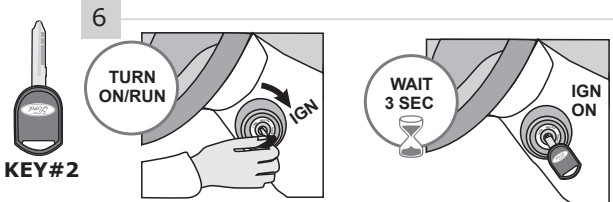
5



Turn the key to the OFF position.

Remove the first key.

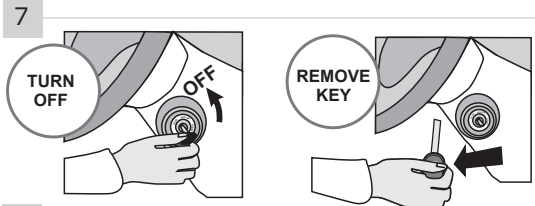
KEY BYPASS PROGRAMMING PROCEDURE 2/2 |



KEY#2

Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



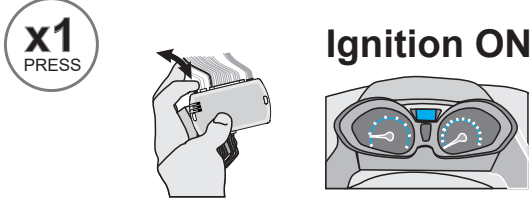
Turn the key to the OFF position.

Remove the second key.

8

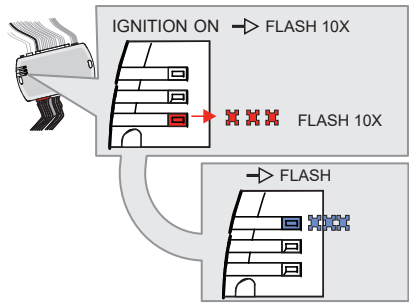
5 sec. max

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.



Press and release the programming button.

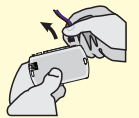
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.



Parts required (not included)

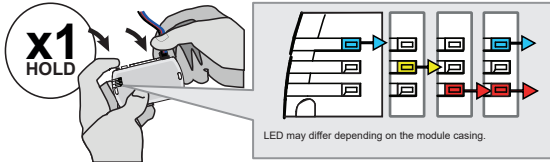
- 1x FLASH LINK UPDATER,
FLASH LINK MANAGER
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection

OR
OU

- 1x FLASH LINK MOBILE
- 1x FLASH LINK MOBILE APP
- Smartphone Android or iOS with Internet connection
(Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

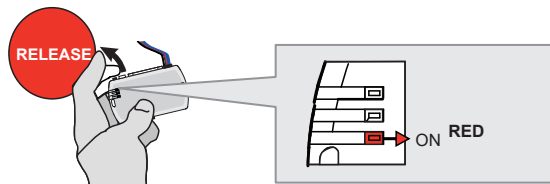
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

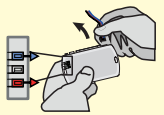
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

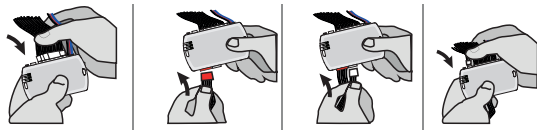


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

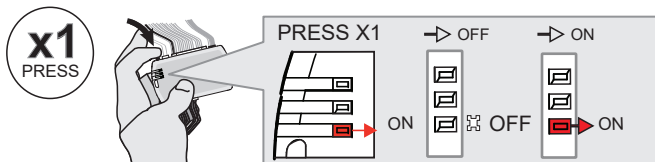


3



Insert the required remaining connectors.

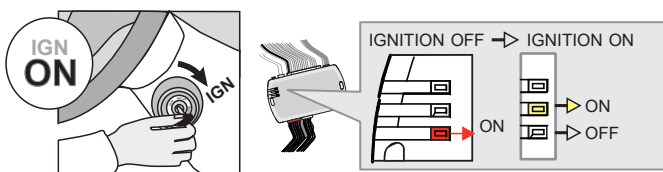
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



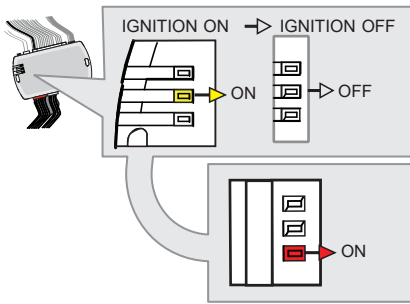
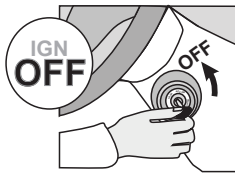
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3 |

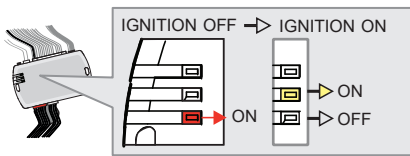
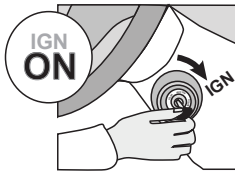
6



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

↳The RED LED will turn on.

7

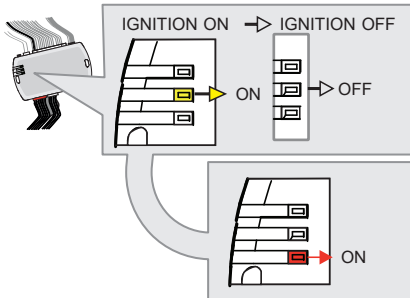
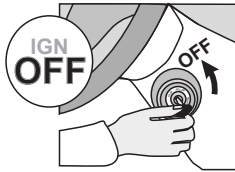


Turn the key to the Ignition ON/RUN position.

↳The RED LED will turn OFF.

↳The YELLOW LED will turn on.

8

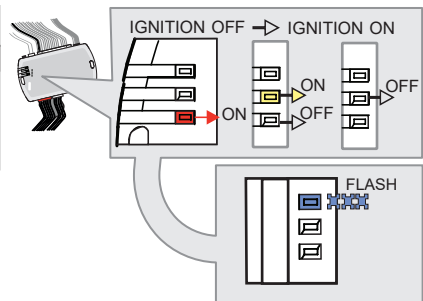


Turn the key to the OFF position.

↳The YELLOW LED will turn OFF.

↳The RED LED will turn on.

9



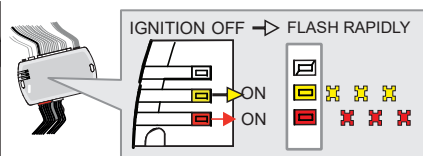
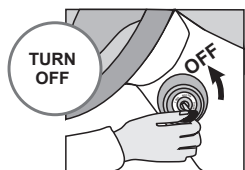
Turn the key to the Ignition ON/RUN position.

↳The YELLOW LED will turn on and off.

↳The RED LED will turn OFF.

↳WAIT, the BLUE LED to flash rapidly.

10

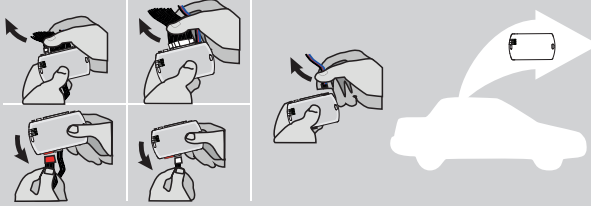


Turn the key to the OFF position.

↳The RED and YELLOW LEDs will alternate.

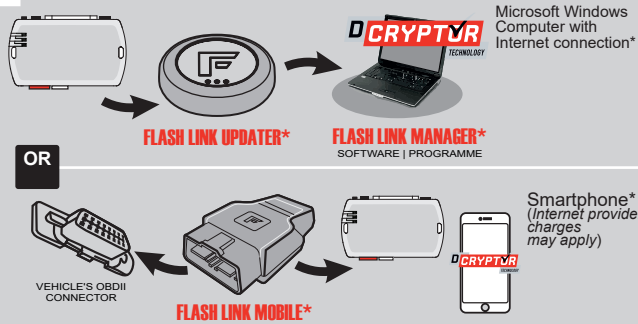
KEY BYPASS PROGRAMMING PROCEDURE 3/3 |

11



Disconnect all the connectors and after the Data-Link (4-pins) connector.

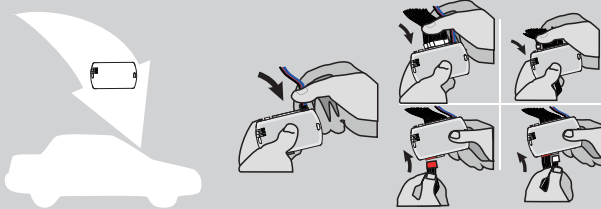
12



Use the tool:
FLASH LINK UPDATER or
FLASH LINK MOBILE
to visit the DCRYPTOR menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE | PROCÉDURE DE VÉRIFICATION

Test the remote starter. Remote start the vehicle.

REMOTE STARTER FUNCTIONALITY |



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

“Vehicle functions supported in this diagram (functional if equipped)”



VEHICLE

YEARS

Immobilizer bypass
Contournement d'immobilisateur

T-harness available (Sold separately)

Lock

Unlock

Arm

Disarm

RAP Disable

Parking Lights

Trunk Release

Tachometer

Door Status

Trunk Status

Hood Status*

Hand-Brake Status

Foot-Brake Status

OEM Remote monitoring

FORD

Taurus

40-bits

2008-2012

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FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.



Program bypass option:

UNIT OPTION

DESCRIPTION

A5

ON

AUX.1
with OEM alarm

OFF

AUX.1
without OEM alarm

C1

OEM Remote status (Lock/Unlock) monitoring

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:

A11

OFF

Hood trigger (Output Status).

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11

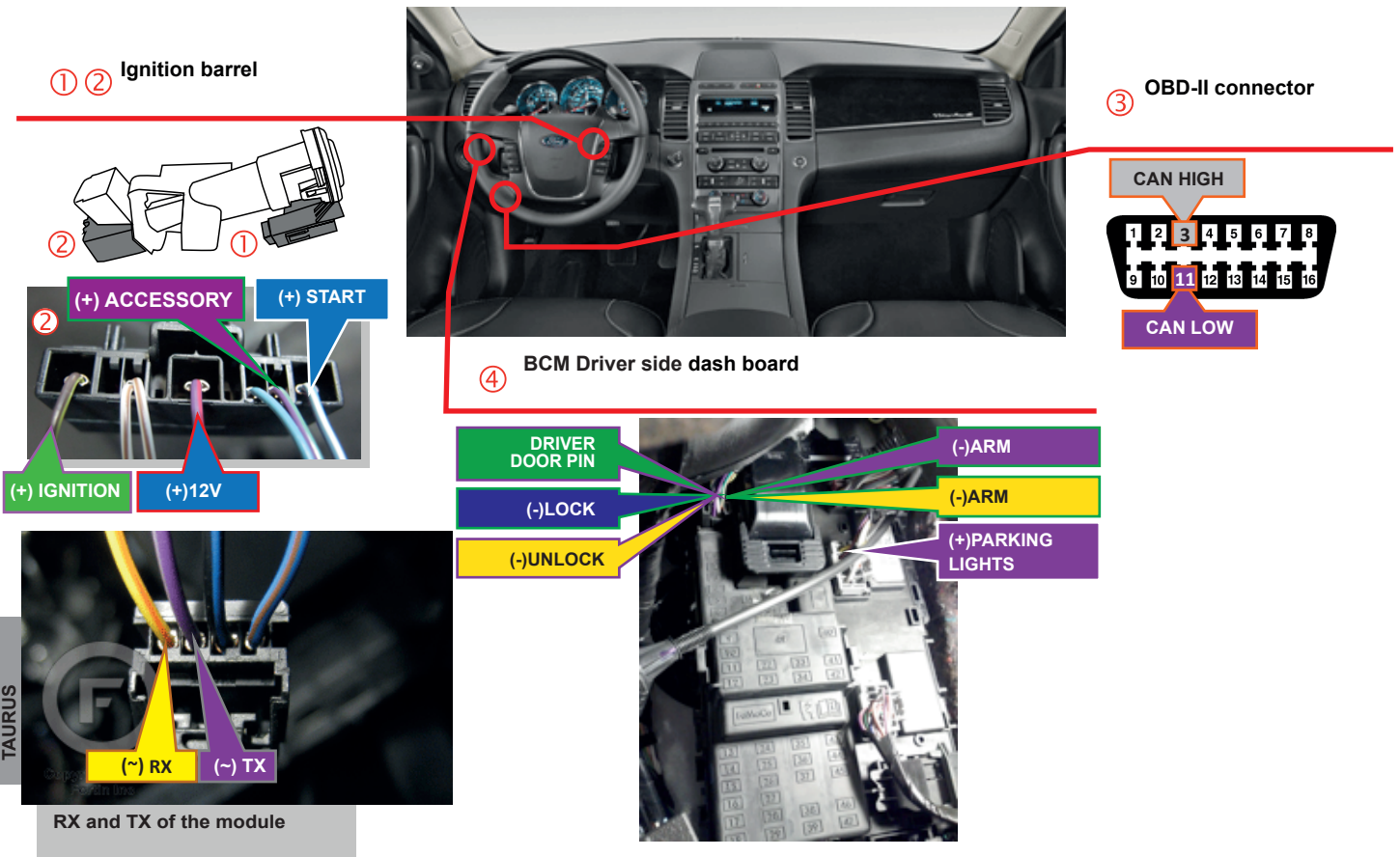
OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

	Parts required (Not included)	PAGE
WIRE TO WIRE DIAGRAM		
	1x 7.5 Amp. fuse 1x fuse 2x 1Amp. Diodes (with OEM alarm) 1x 1Amp. Diodes (without OEM alarm)	Page 3
THARNESSE DIAGRAM		
THARNESSE THAR-FORD4	1x THAR-FOR4 1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm)	Page 4
THARNESSE THAR-FORD1	1x THAR-FOR1 1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm) 1x 1Amp. Diodes (without OEM alarm)	Page 5



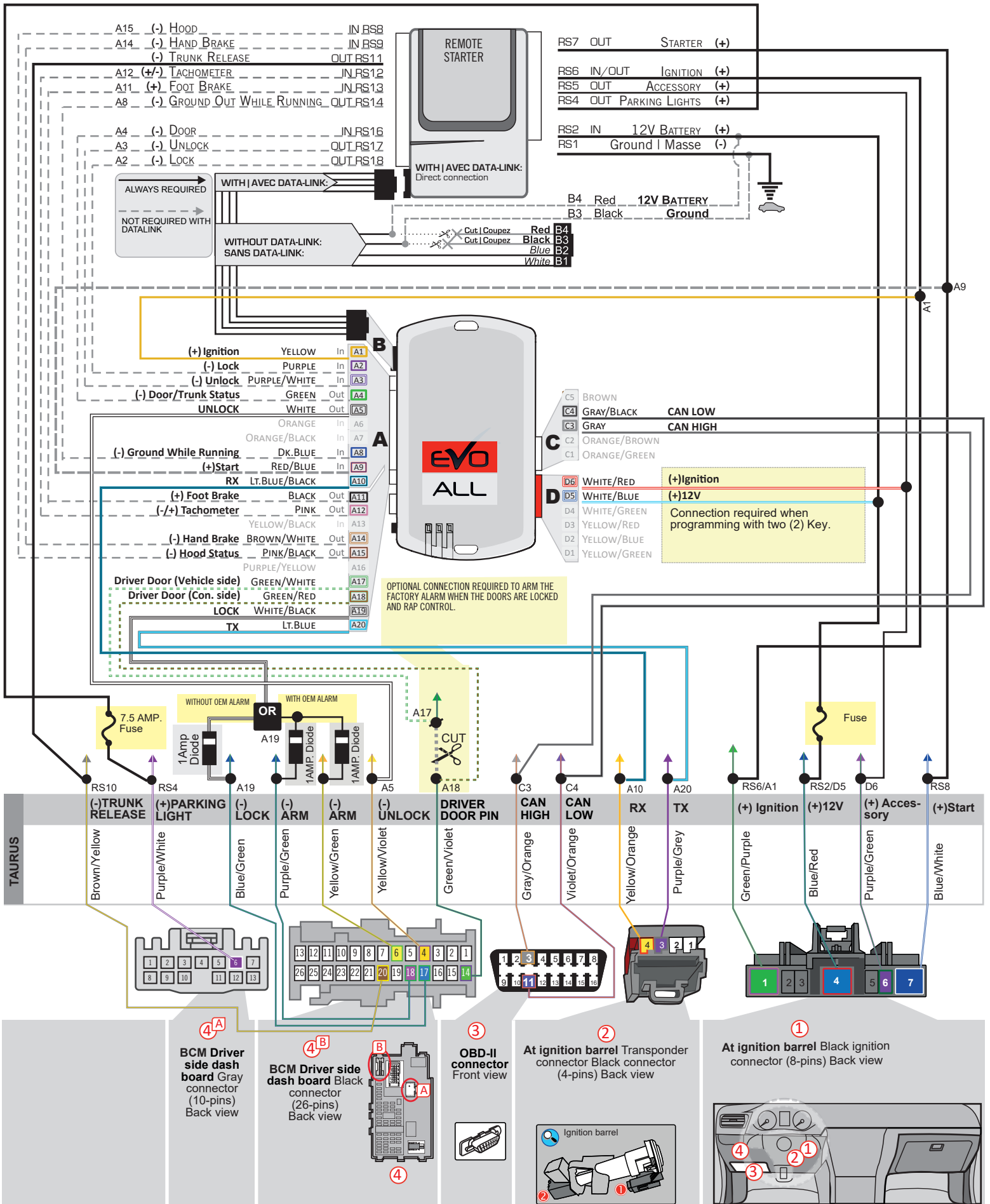
T-HARNESSE: 12V BATTERY

ATTENTION THE T-HARNESSE CURRENT IS LIMITED AT 10 AMP MAXIMUM.

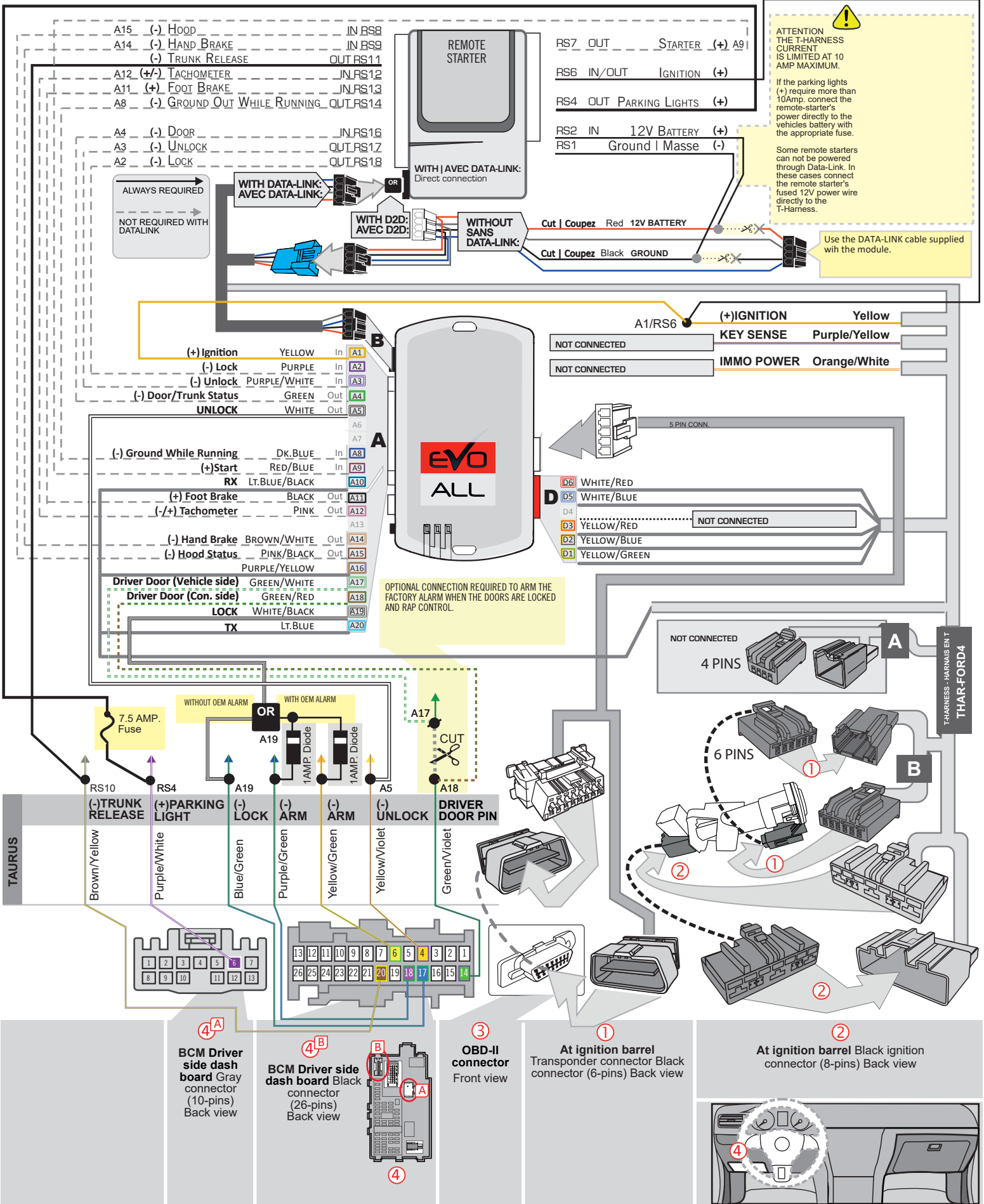
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

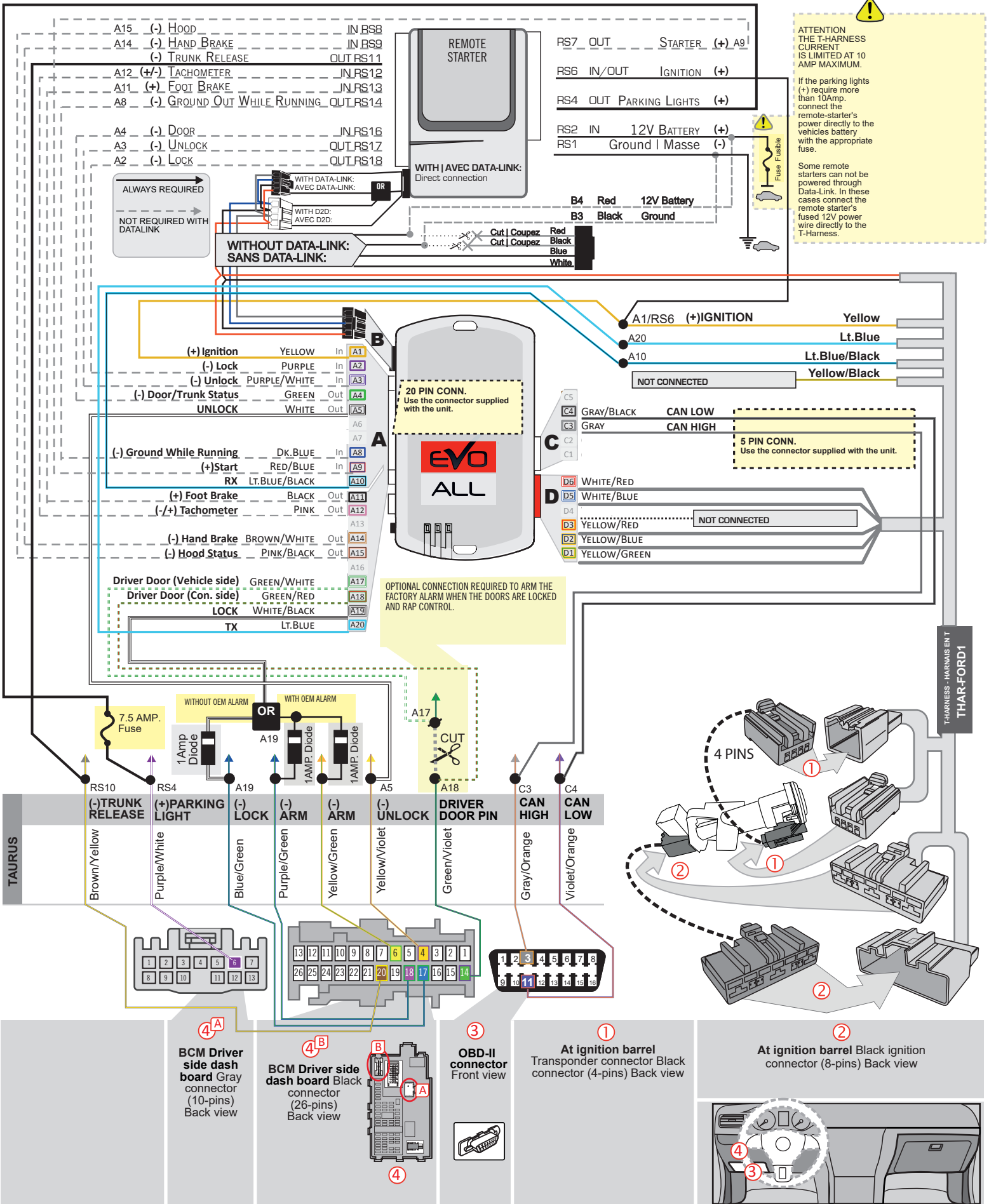
WIRING CONNECTION | GUIDE DE BRANCHEMENTS




THAR-FOR4 - INSTALLATION WIRING



THAR-FOR1 - INSTALLATION WIRING



Choose between : Choisir entre:



2 key programming.

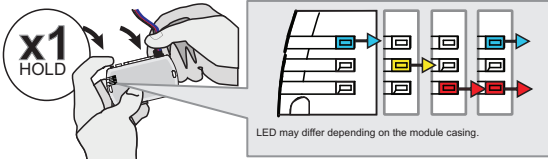


DCRYPTOR and 1 key programming.

2 KEY REQUIRED

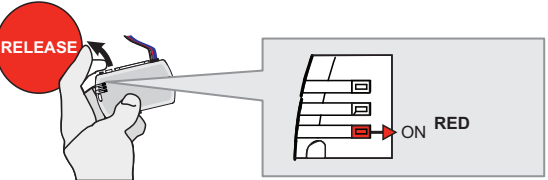


1



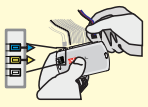
Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).
 ↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

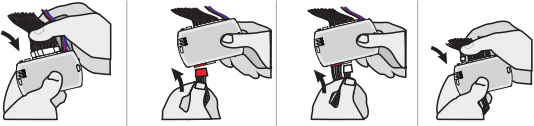


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

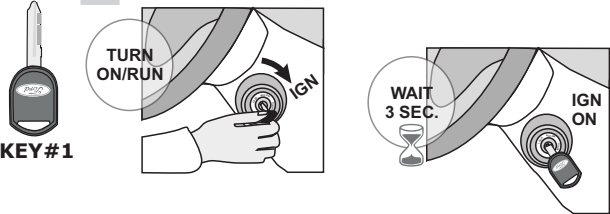


3



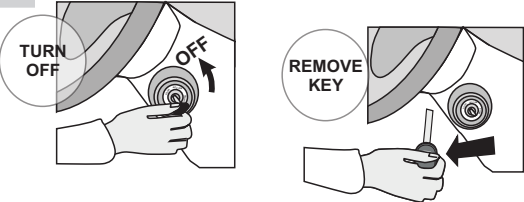
Insert the required remaining connectors.

4



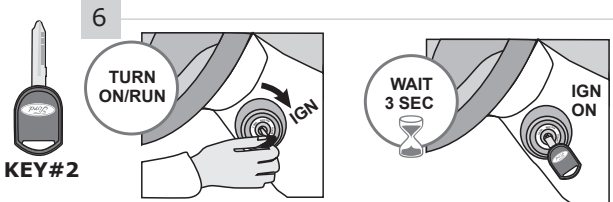
Turn the first functional key to the Ignition ON/RUN position.
 Wait 3 seconds.

5



Turn the key to the OFF position.
 Remove the first key.

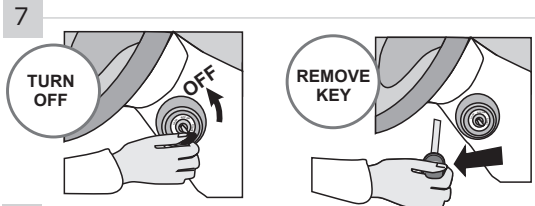
KEY BYPASS PROGRAMMING PROCEDURE 2/2 |



KEY#2

Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



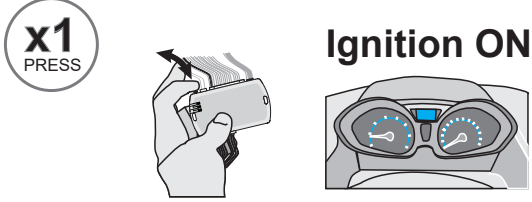
Turn the key to the OFF position.

Remove the second key.

8

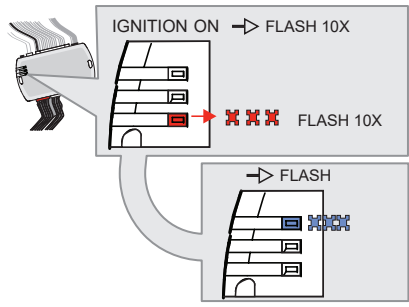
CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.

5 sec. max



Press and release the programming button.

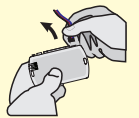
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.



Parts required (not included)

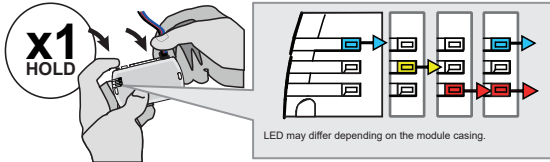
- 1x FLASH LINK UPDATER, SOFTWARE | PROGRAMME
- 1x FLASH LINK MANAGER
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x FLASH LINK MOBILE
- 1x FLASH LINK MOBILE APP
- 1x Smartphone Android or iOS with Internet connection (Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

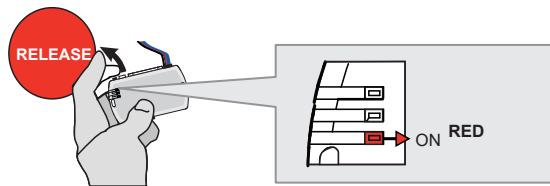
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

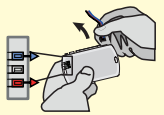
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

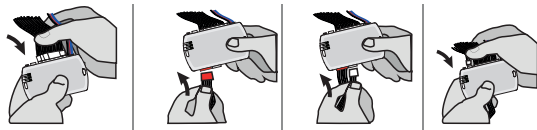


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

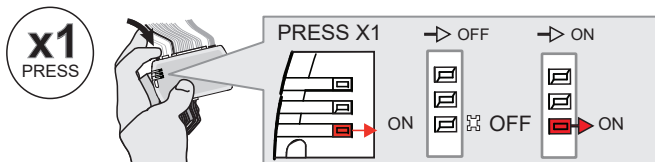


3



Insert the required remaining connectors.

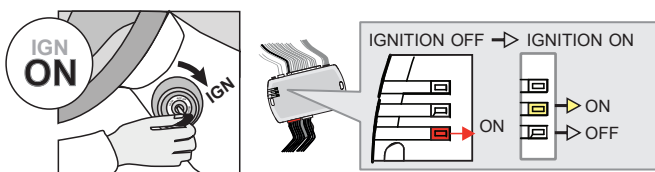
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



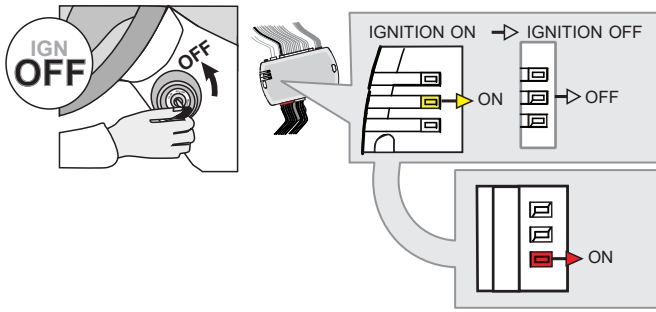
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3 |

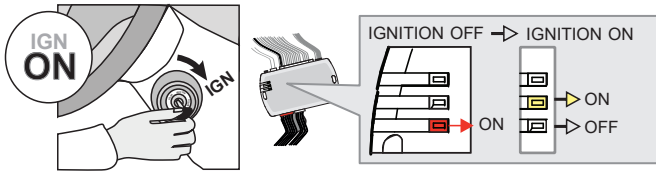
6



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

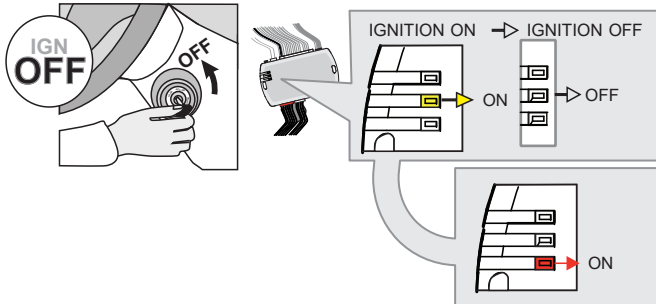
↳ The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳ The RED LED will turn OFF.
↳ The YELLOW LED will turn on.

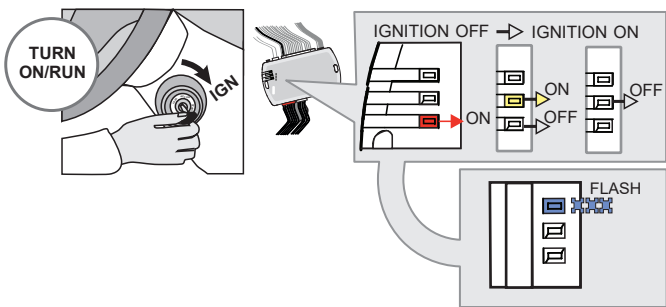
8



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

↳ The RED LED will turn on.

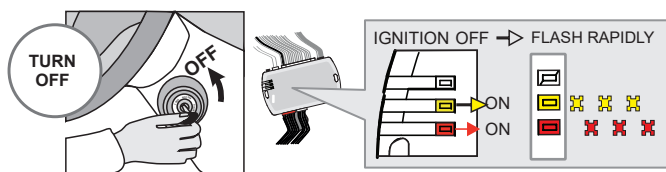
9



Turn the key to the Ignition ON/RUN position.
↳ The YELLOW LED will turn on and off.
↳ The RED LED will turn OFF.

↳ WAIT, the BLUE LED to flash rapidly.

10

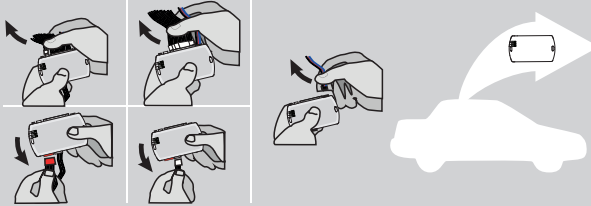


Turn the key to the OFF position.

↳ The RED and YELLOW LEDs will alternate.

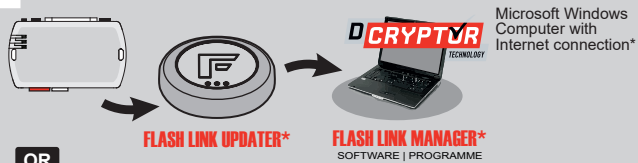
KEY BYPASS PROGRAMMING PROCEDURE 3/3 |

11



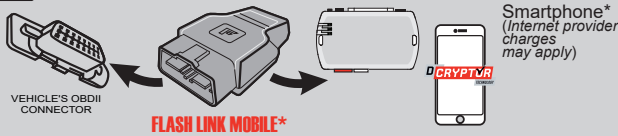
Disconnect all the connectors and after the Data-Link (4-pins) connector.

12



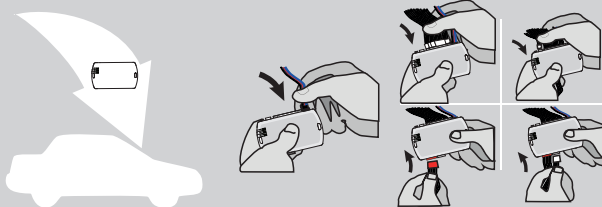
Use the tool: FLASH LINK UPDATER or FLASH LINK MOBILE to visit the DCryptor menu.

OR



*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED Go back to the vehicle and reconnect the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER FUNCTIONALITY |



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 INSTALLATION
ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)														
		Immobilizer bypass	T-Harness available (sold separately)	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD																
Taurus	80-bits (SA KEY) 2013-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

	Program bypass option:	UNIT OPTION	DESCRIPTION
		A5	<div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="background-color: green; color: white; padding: 5px; margin-right: 5px;">ON</div> AUX.1 Par défaut with OEM alarm </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="background-color: red; color: white; padding: 5px; margin-right: 5px;">OFF</div> AUX.1 without OEM alarm </div>
		C1	OEM Remote status (Lock/Unlock) monitoring
IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:		A11	<div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="background-color: red; color: white; padding: 5px; margin-right: 5px;">OFF</div> Hood trigger (Output Status). </div>

MANDATORY INSTALL
***HOOD PIN**


HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

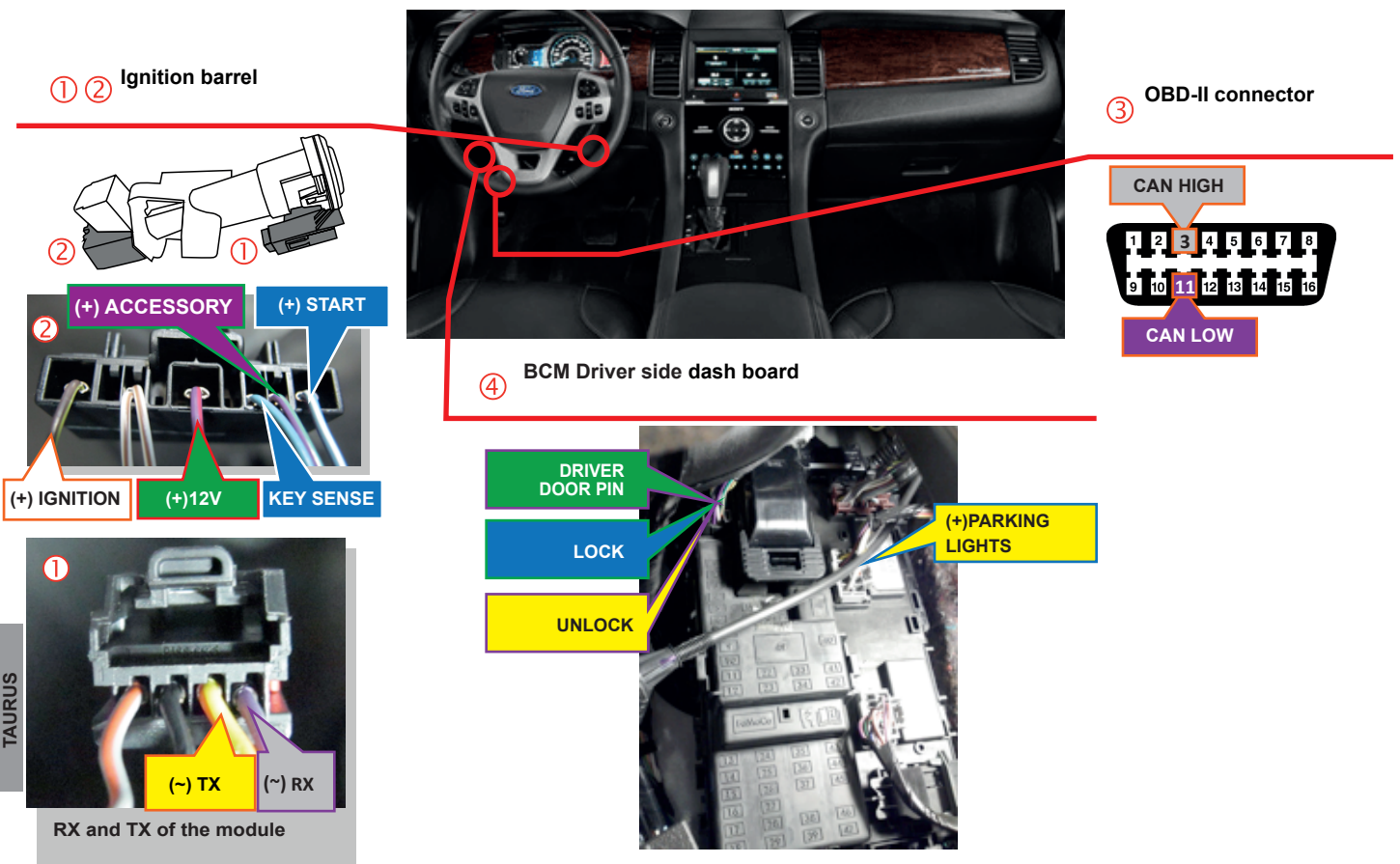
Parts required (Not included) PAGE

WIRE TO WIRE DIAGRAM

	1x 7.5 Amp. fuse 1x fuse 3x 1Amp. Diode	Page 3
--	---	--------

THARNNESS DIAGRAM

THARNNESS THAR-FORD4	1x THAR-FOR4 1x 7.5 Amp. fuse	Page 4
THARNNESS THAR-FORD1	1x THAR-FOR1 1x 7.5 Amp. fuse 1x 1Amp. Diode	Page 5



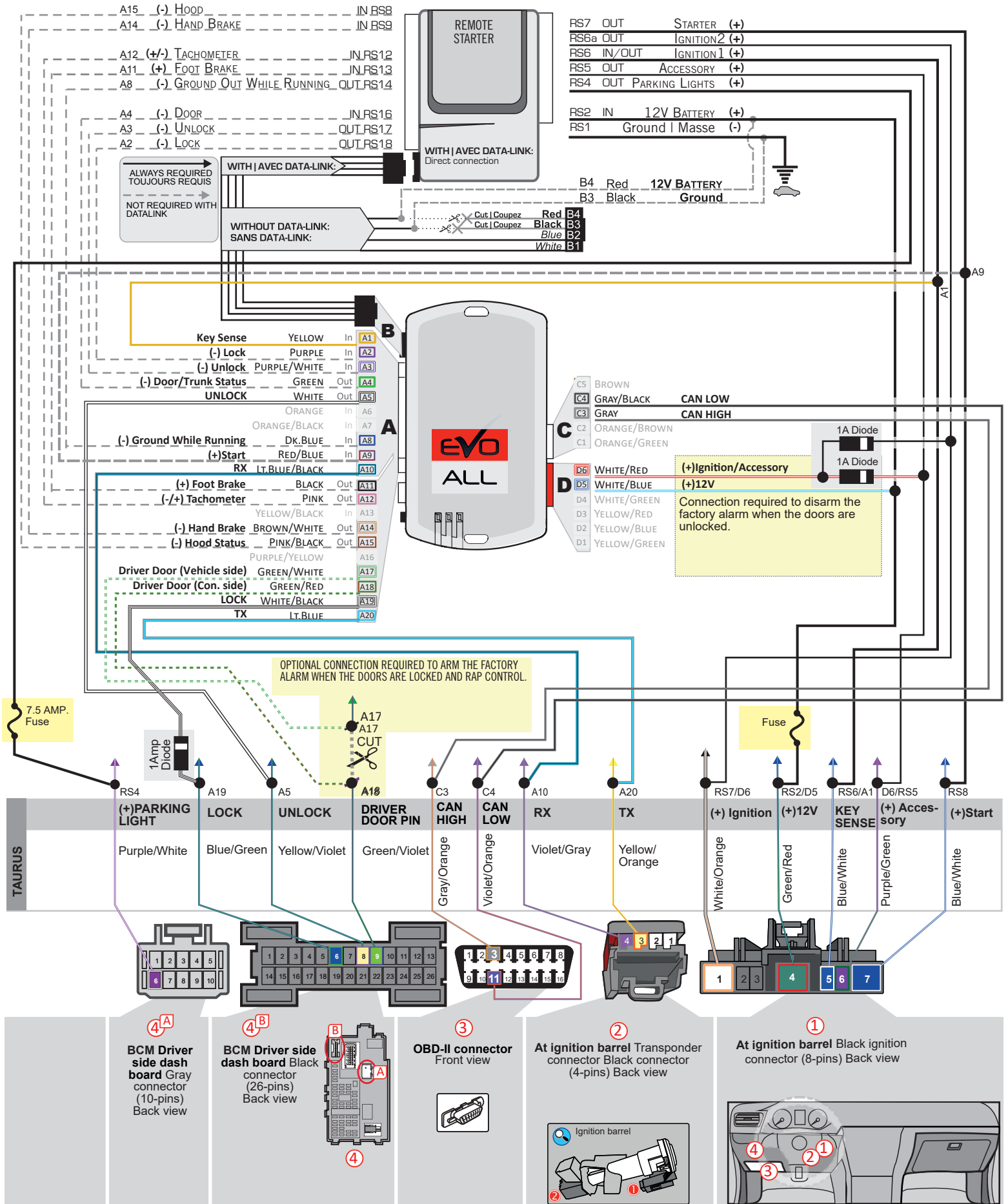
T-HARNESS: 12V BATTERY

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

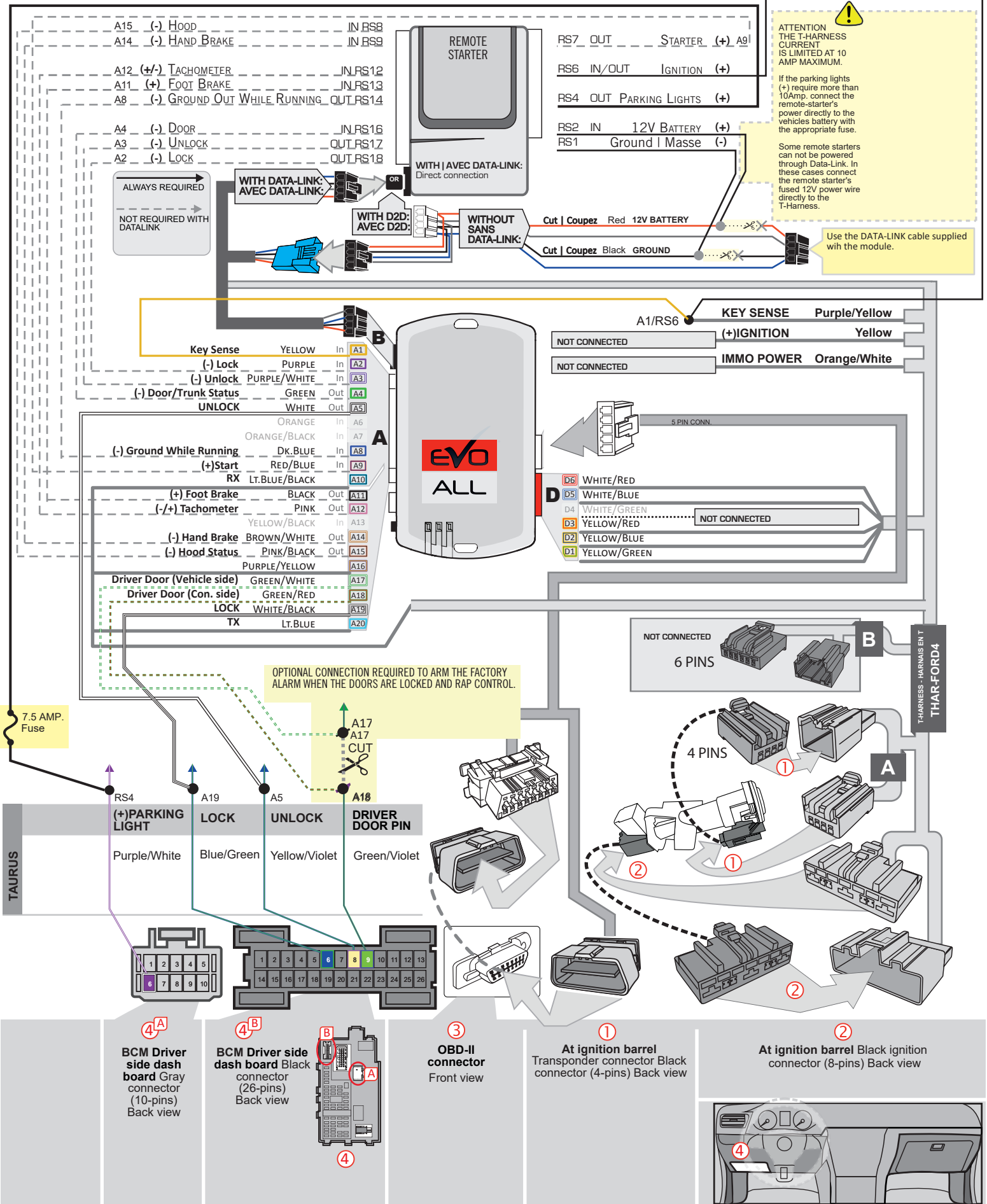
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

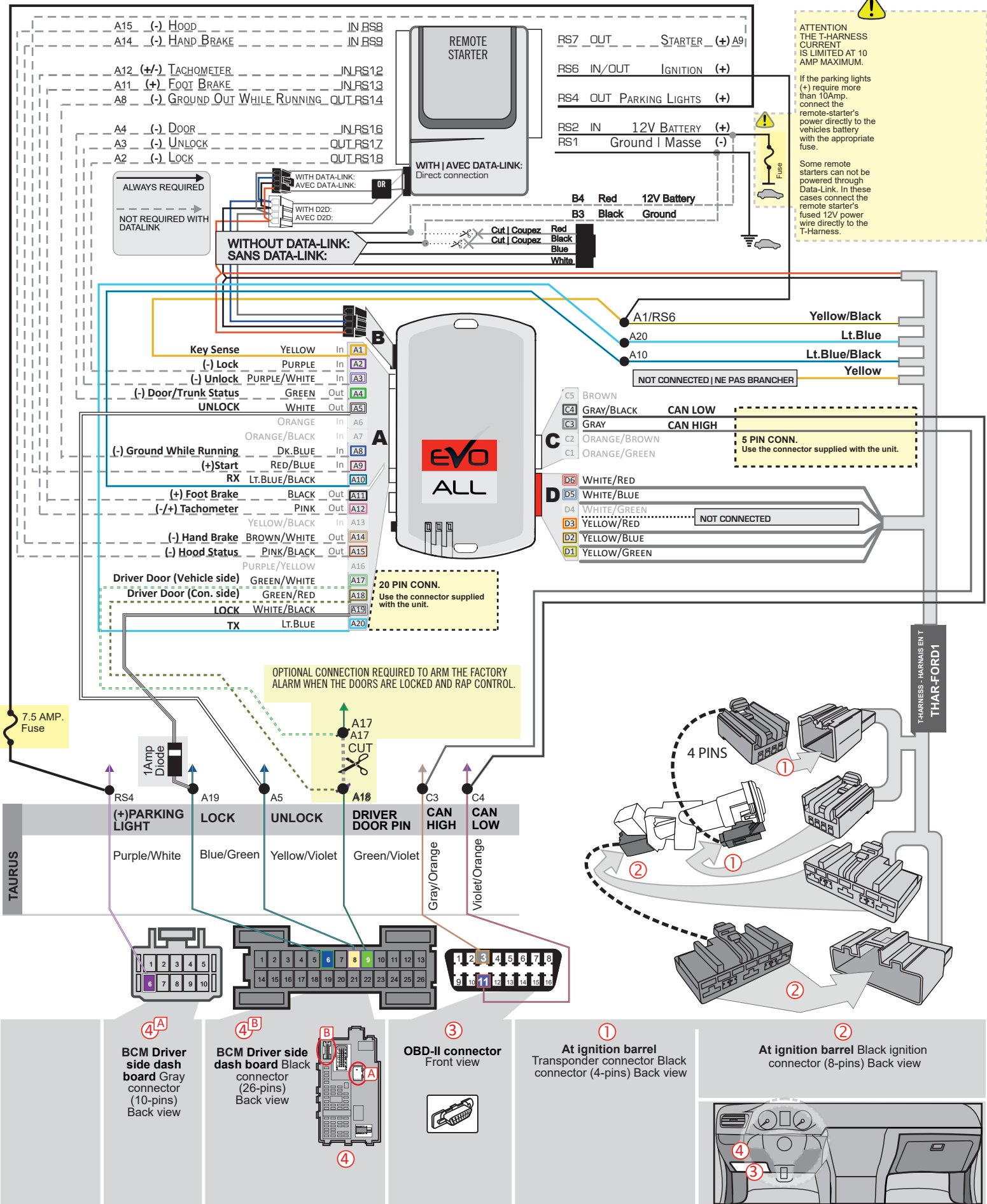
WIRING CONNECTION



THAR-FOR4 - INSTALLATION WIRING



THAR-FOR1 - INSTALLATION WIRING



ATTENTION
 THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.
 If the parking lights (+) require more than 10Amp, connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.
 Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

ALWAYS REQUIRED →
 NOT REQUIRED WITH DATALINK →

WITHOUT DATA-LINK:
 SANS DATA-LINK:

NOT CONNECTED | NE PAS BRANCHER

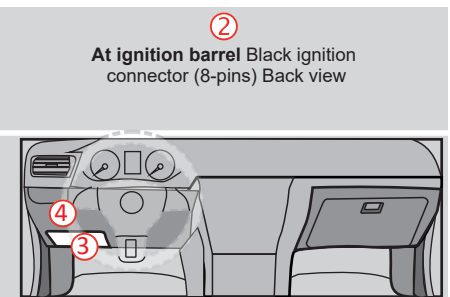
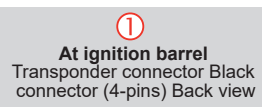
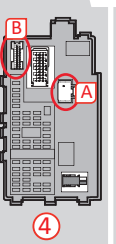
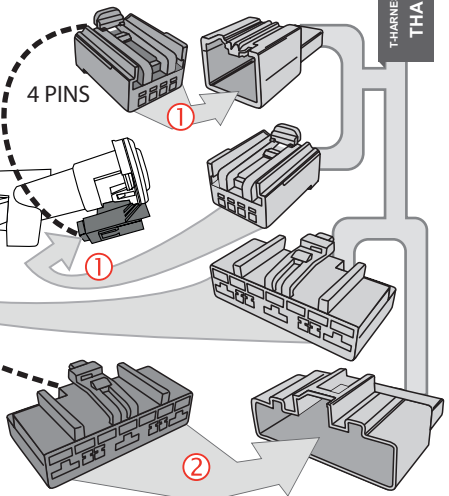
NOT CONNECTED

OPTIONAL CONNECTION REQUIRED TO ARM THE FACTORY ALARM WHEN THE DOORS ARE LOCKED AND RAP CONTROL.

7.5 AMP. Fuse

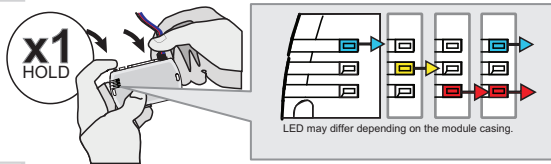
1Amp Diode

T-HARNESS - HARNAIS ENT
 THAR-FORD1



KEY BYPASS PROGRAMMING PROCEDURE 1/2

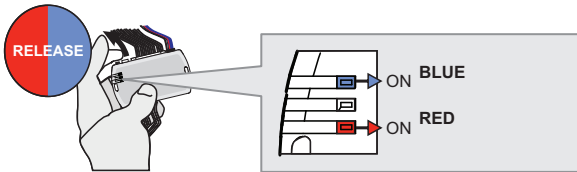
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

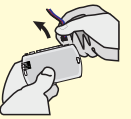
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

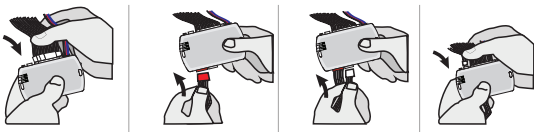


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 4-Pin connector (Data-Link) and go back to step 7.

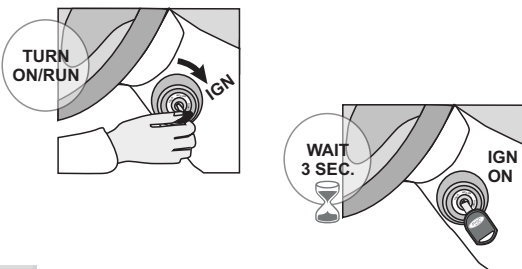


3



Insert the required remaining connectors.

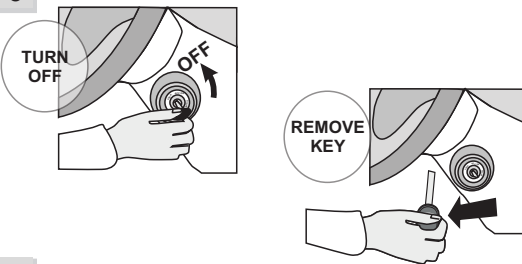
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

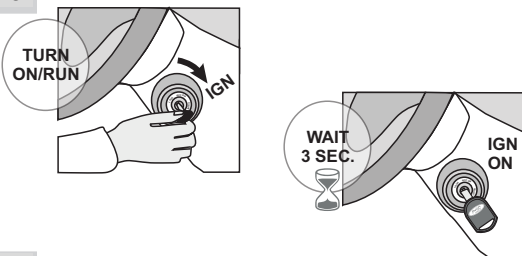
5



Turn the key to the OFF position.

and **remove** the first key.

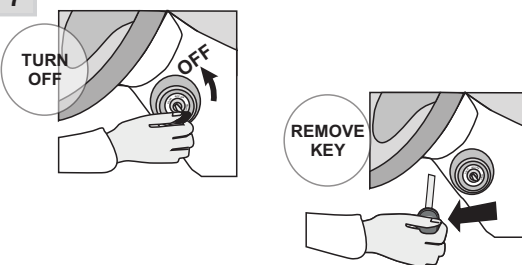
6



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

7

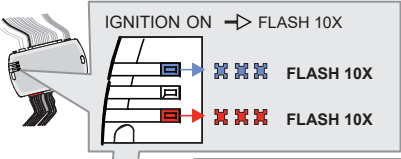


Turn the key to the OFF position.

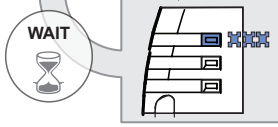
and **remove** the second key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2

8

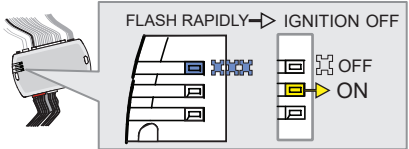
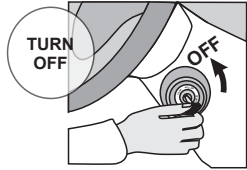


Turn the key to the Ignition ON/RUN position.
 ↳ The RED AND BLUE LEDs will flash rapidly ten (10) times.
 Key bypass programmed.



Wait
 ↳ The BLUE LED will flash rapidly.
 CAN-Bus programmed.

9



Turn the Ignition to the OFF position.
 ↳ The BLUE LED will turn off.
 ↳ The YELLOW LED will turn on.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 STTHAR-FOR1 STANDALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.



“Vehicle functions supported in this diagram (functional if equipped)”

VEHICLE

YEARS

Immobilizer bypass

T-harness available (Sold separately)

Lock

Unlock

Arm

Disarm

RAP Disable

Parking Lights

Tachometer

Door Status

Hood Status*

Hand-Brake Status

Foot-Brake Status

OEM Remote monitoring

FORD

Edge	40-bits	2007-2010	•	•	•	•	•	•	•	•	•	•	•	•	•	•
------	---------	-----------	---	---	---	---	---	---	---	---	---	---	---	---	---	---

FIRMWARE VERSION



71.[52]
MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.



Program bypass option:Program bypass option:

UNIT OPTION

DESCRIPTION

A5

ON

AUX.1 with OEM

OFF

AUX.1 without OEM

C1

OEM Remote status (Lock/Unlock) monitoring

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL WITH HOOD PIN:

A11

OFF

Hood trigger (Output Status).

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

PARTS REQUIRED (NOT INCLUDED)


1x **FLASH LINK UPDATER,**
1x **FLASH LINK MANAGER**
SOFTWARE
1x Microsoft Windows Computer with Internet connection

OR

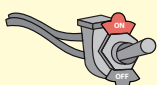
1x **FLASH LINK MOBILE**
1x **FLASH LINK MOBILE APP**
Smartphone *Android* or *iOS* with Internet connection (*provider charges may apply*).
1x

MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.


STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION
	OEM Remote Stand Alone Remote Starter:	D1.10 	By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE,VERROUILLE,VERROUILLE
		D1.1 	
	Program bypass option with oem remote:	C1	OEM Remote Monitoring
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit


REMOTE STARTER FUNCTIONALITY




All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.




START 

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED


x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
or use the package **RSPB**, Sold separately.

WARNING

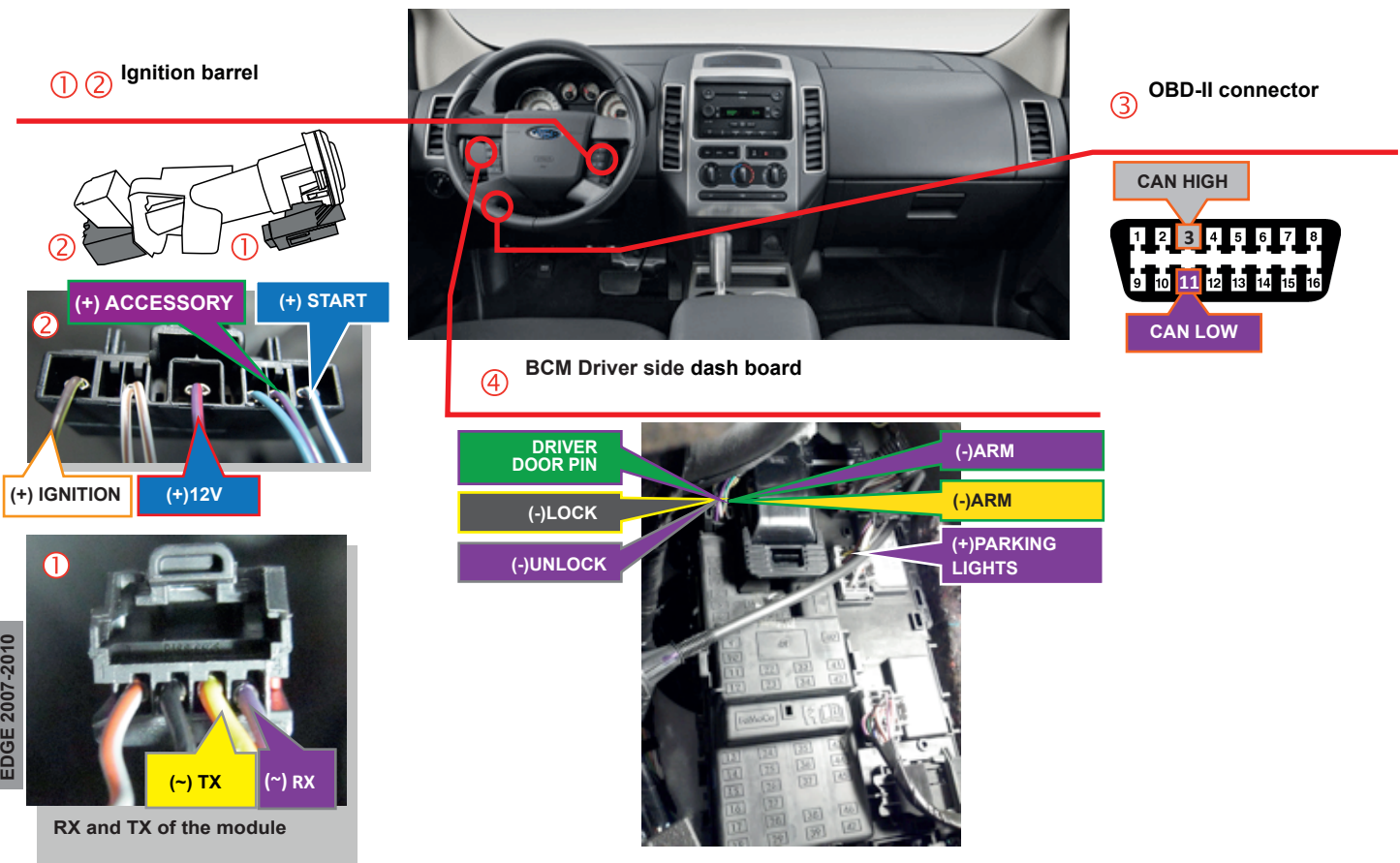


REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION

		Parts required (Not included)	PAGE
WIRE TO WIRE DIAGRAM			
	AUTOMATIC TRANSMISSION	1x 7.5 Amp. fuse 1x 10 Amp. fuse 2x 1Amp. Diodes (with OEM alarm) 2x 1Amp. Diodes 1x Relais (Parking lights)	Page 4
THARNNESS DIAGRAM			
THARNNESS THAR-FORD4	AUTOMATIC TRANSMISSION	1x THAR-FOR4 1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm) 1x Relais (Parking lights)	Page 5
THARNNESS THAR-FORD1	AUTOMATIC TRANSMISSION	1x THAR-FOR1 1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm) 1x Relais (Parking lights)	Page 6



T-HARNESS: 12V BATTERY

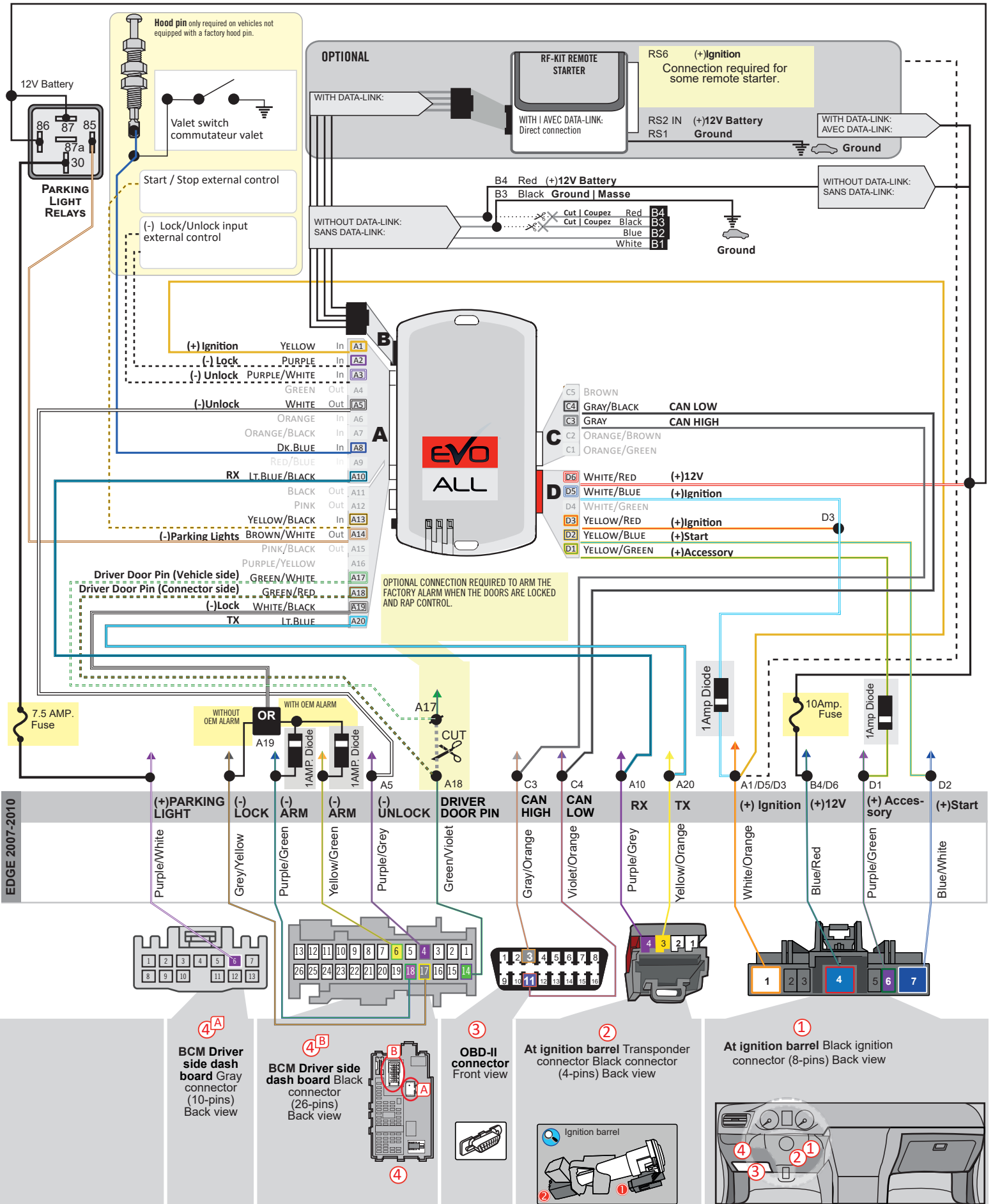


ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

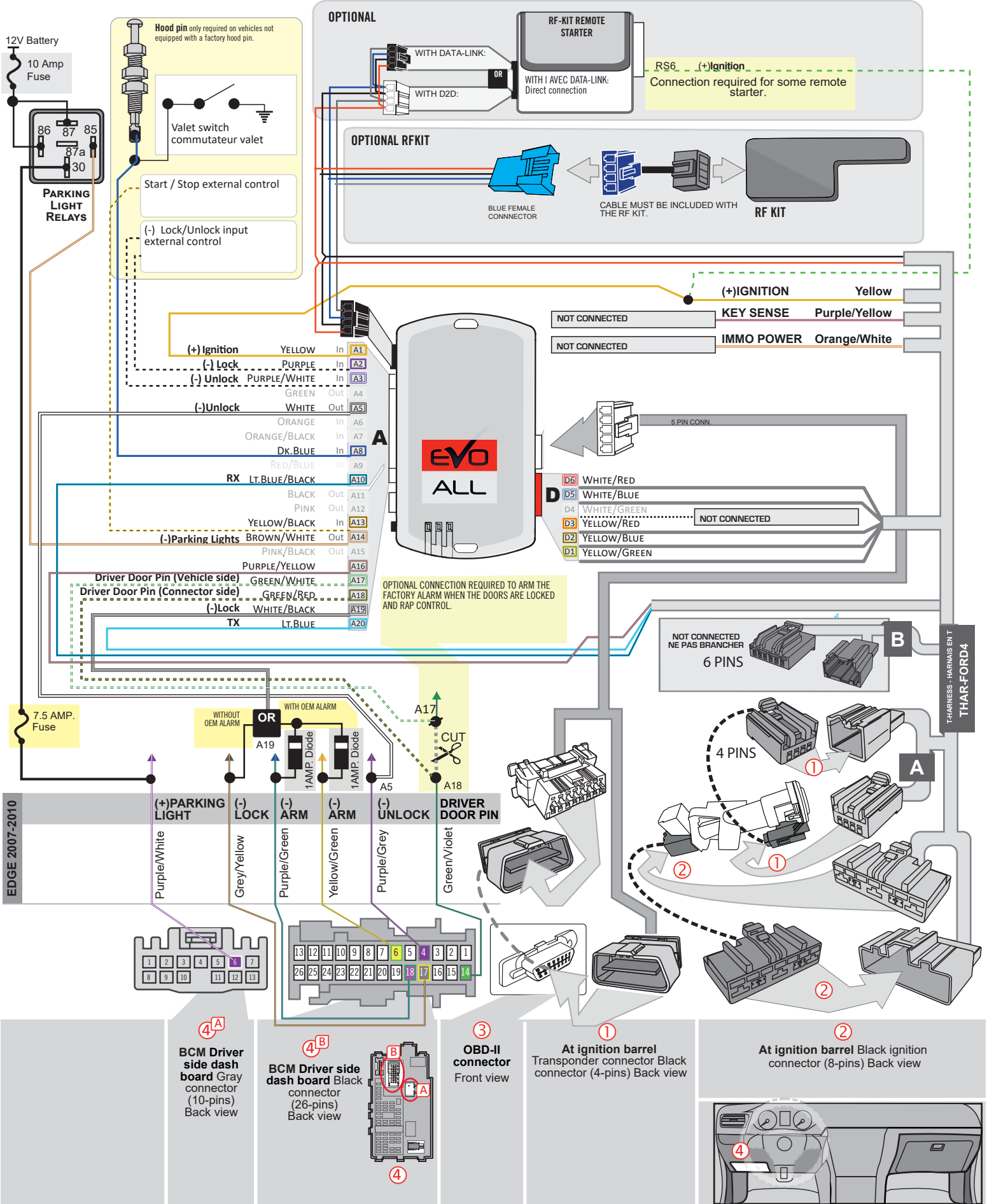
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

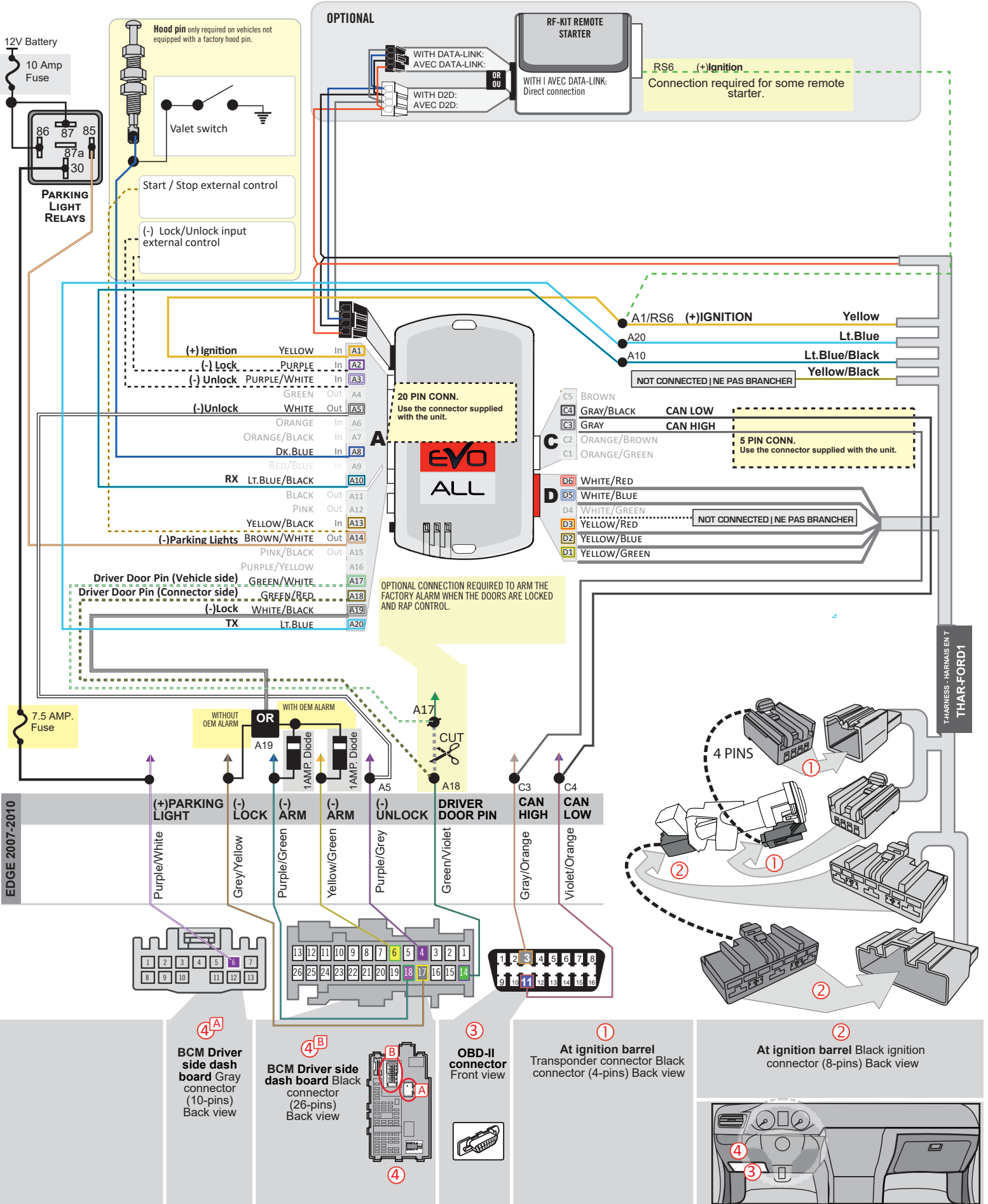
AUTOMATIC TRANSMISSION WIRING CONNECTION



THAR-FOR4 - AUTOMATIC TRANSMISSION




THAR-FOR1 - AUTOMATIC TRANSMISSION




KEY BYPASS PROGRAMMING PROCEDURE 1/2

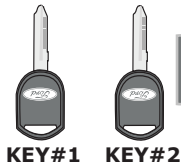
Choose between :



2 key programming.

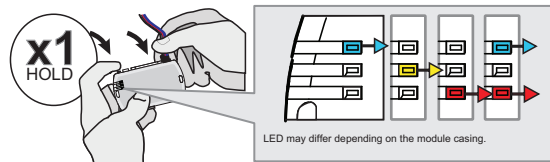


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

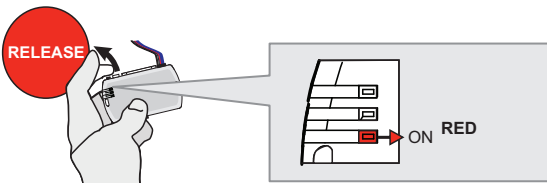
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

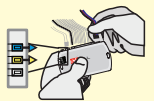
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

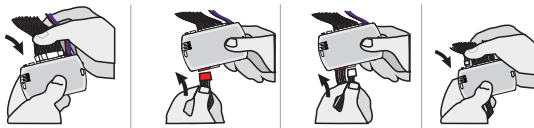


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

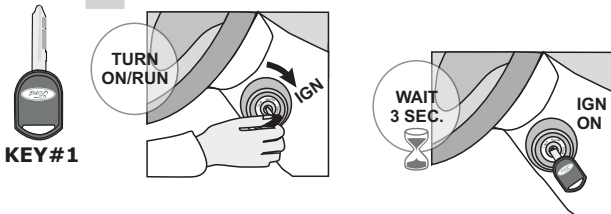


3



Insert the required remaining connectors.

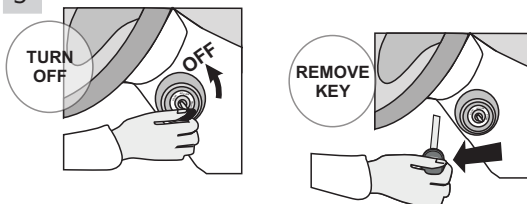
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

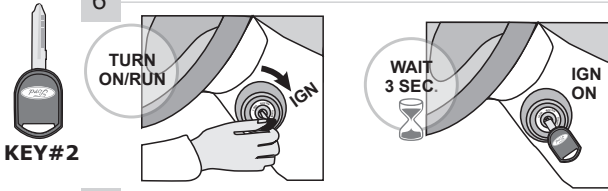
5



Turn the key to the OFF position.

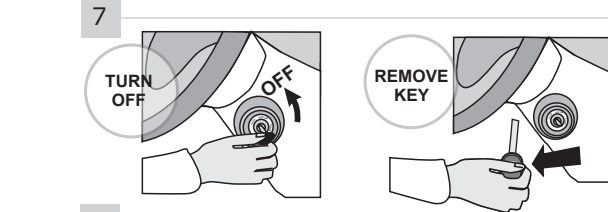
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



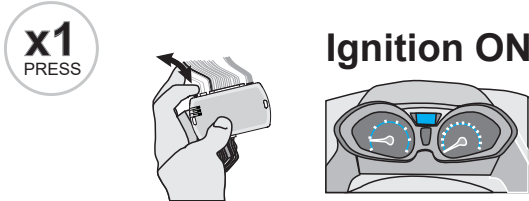
Turn the key to the OFF position.

Remove the second key.

8

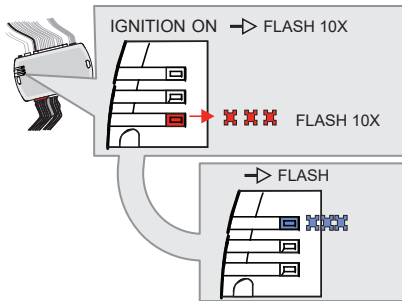
CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.

5 sec. max



Press and release the programming button.

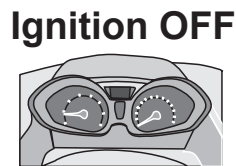
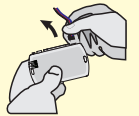
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

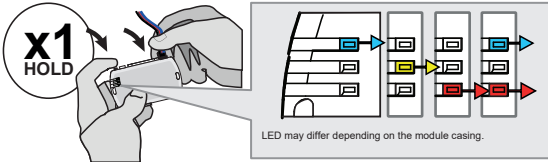
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- Smartphone Android or iOS with Internet connection
(Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

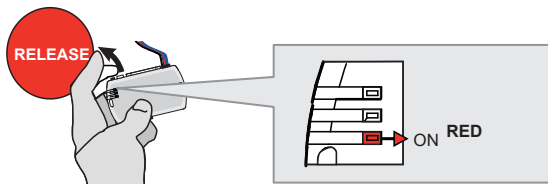
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

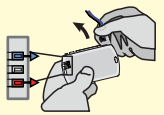
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

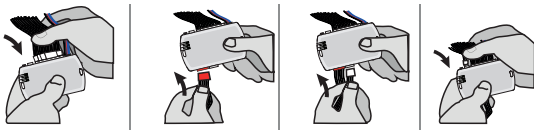


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

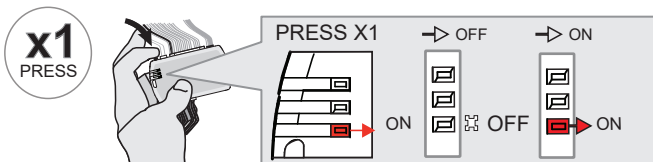


3



Insert the required remaining connectors.

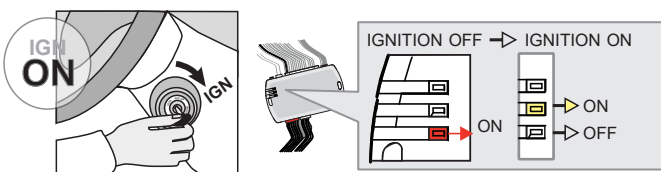
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



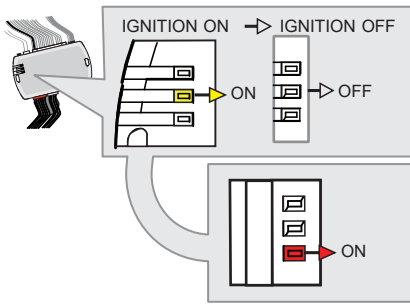
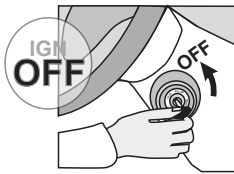
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

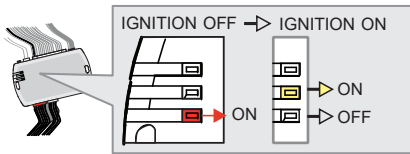
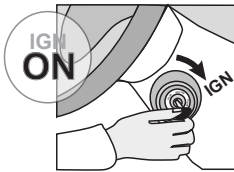
6



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

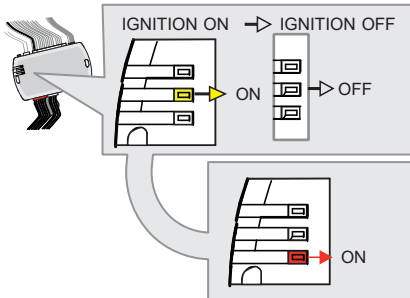
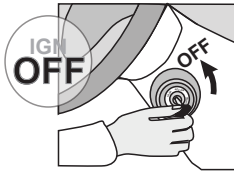
↳ The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳ The RED LED will turn OFF.
↳ The YELLOW LED will turn on.

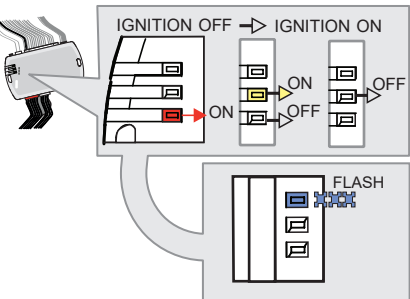
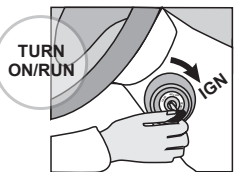
8



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

↳ The RED LED will turn on.

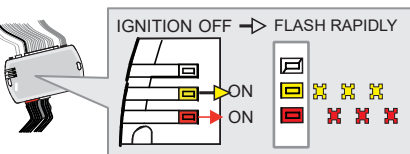
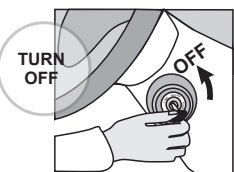
9



Turn the key to the Ignition ON/RUN position.
↳ The YELLOW LED will turn on and off.
↳ The RED LED will turn OFF.

↳ WAIT, the BLUE LED to flash rapidly.

10

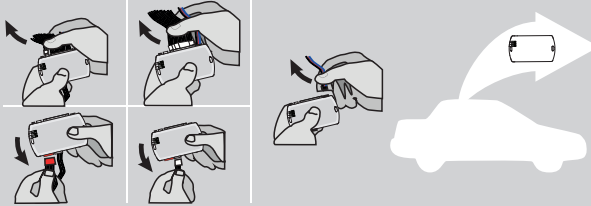


Turn the key to the OFF position.

↳ The RED and YELLOW LEDs will alternate.

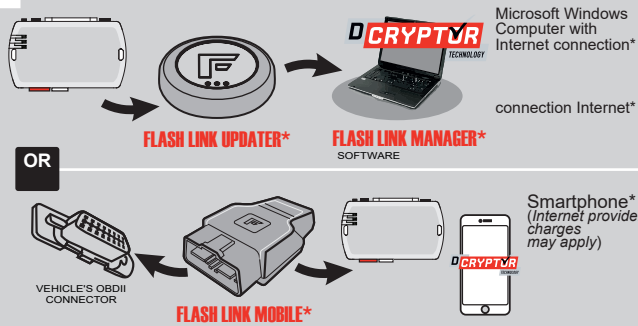
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



Disconnect all the connectors and after the Data-Link (4-pins) connector.

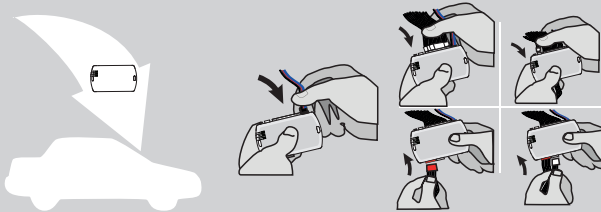
12



Use the tool: FLASH LINK UPDATER or FLASH LINK MOBILE to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED Go back to the vehicle and reconnect the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.




REMOTE STARTER / ALARM VERIFICATION PROCEDURE



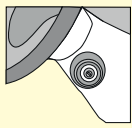
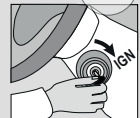




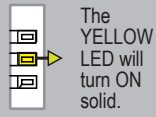
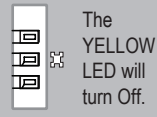
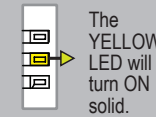
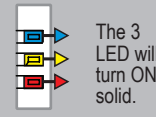

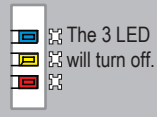
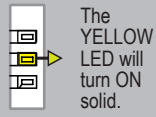
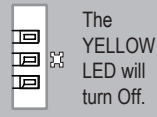
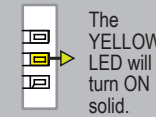
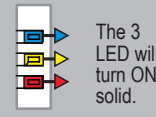

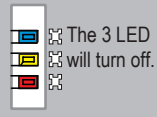


















Test the remote starter. Remote start the vehicle.

OPTIONAL RF-KIT PROGRAMMING

PROGRAM BYPASS OPTION

	<p>Program bypass option:</p>	<p>H2</p>	<p><input checked="" type="checkbox"/> Supported RF-KITS enable <input checked="" type="checkbox"/> H2 Fortin 2</p>
---	-------------------------------	------------------	---

OPTIONAL FORTIN RF KIT SERIES 4 OR SERIES 9 PROGRAMMING

 <p>The module must be programmed on the vehicle.</p>   <p>MAKE SURE THE IGNITION KEY HAS BEEN IN THE OFF POSITION FOR AT LEAST 5 SECONDS.</p>	<p>1</p> <p>ON <small>TURN ON/RUN</small></p>  <p>Turn the key to the ON/RUN position.</p>	<p>2</p> <p>OFF <small>TURN OFF</small></p>  <p>Turn the ignition to the OFF position.</p>	<p>3</p> <p>ON <small>TURN ON/RUN</small></p>  <p>Turn the key to the ON/RUN position.</p>	<p>4</p> <p>4X BRAKES</p> <p>x4 PRESS</p>  <p>Press and release the brake pedal four times.</p>	<p>5</p> <p>ON EACH TRANSMITTER</p> <p>4 BUTTONS</p> <p>(-) PRESS AND RELEASE</p> <p>→ PRESS AND RELEASE</p> <p>1 BUTTON 1 BOUTON</p> <p>PRESS APPROX. 12 SEC. AND WAIT FOR THE BLUE LED TO TURN OFF THEN BACK ON SOLID THEN RELEASE.</p>	<p>6</p> <p>OFF <small>TURN OFF</small></p>  <p>Turn the ignition to the OFF position.</p>
	 <p>The YELLOW LED will turn ON solid.</p>	 <p>The YELLOW LED will turn Off.</p>	 <p>The LED will turn ON solide.</p>	 <p>The LED will flash rapidly.</p>	 <p>The LED will turn off each time.</p>	 <p>The LED will turn Off.</p>
	 <p>The YELLOW LED will turn ON solid.</p>	 <p>The YELLOW LED will turn Off.</p>	 <p>The LED will turn ON solide.</p>	 <p>The 3 LED will turn ON solid.</p>	 <p>The LED will flash rapidly.</p>	 <p>The 3 LED will turn off.</p>
	 <p>The YELLOW LED will turn ON solid.</p>	 <p>The YELLOW LED will turn Off.</p>	 <p>The LED will turn ON solide.</p>	 <p>The 3 LED will turn ON solid.</p>	 <p>The LED will flash rapidly.</p>	 <p>The 3 LED will turn off.</p>
	 <p>The YELLOW LED will turn ON solid.</p>	 <p>The YELLOW LED will turn Off.</p>	 <p>The LED will turn ON solide.</p>	 <p>The 3 LED will turn ON solid.</p>	 <p>The LED will flash rapidly.</p>	 <p>The 3 LED will turn off.</p>
	 <p>The YELLOW LED will turn ON solid.</p>	 <p>The YELLOW LED will turn Off.</p>	 <p>The LED will turn ON solide.</p>	 <p>The 3 LED will turn ON solid.</p>	 <p>The LED will flash rapidly.</p>	 <p>The 3 LED will turn off.</p>



REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 STANDALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Immobilizer bypass	T-Harness available (sold separately)	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD																
Edge	80-bits (SA KEY)	2011-2014	•	•	•	•	•	•	•	•	•	•	•	•	•	•
LINCOLN																
MKX	80-bits (SA KEY)	2011-2013	•	•	•	•	•	•	•	•	•	•	•	•	•	•



FIRMWARE VERSION

71.[52]
MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.



Program bypass option:

UNIT OPTION

DESCRIPTION

A5

ON

AUX.1 with OEM alarm

OFF

AUX.1 without OEM alarm

C1

OEM Remote status (Lock/Unlock) monitoring

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:

A11

OFF

Hood trigger (Output Status).

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

PARTS REQUIRED (NOT INCLUDED)


1x **FLASH LINK UPDATER,**
 1x **FLASH LINK MANAGER**
 SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

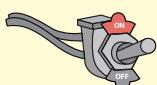
1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
 Smartphone *Android* or *iOS* with Internet connection (*provider charges may apply*).

MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.


STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION
	OEM Remote Stand Alone Remote Starter:	D1.10 	By default, LOCK, LOCK, LOCK
		D1.1 	Par défaut, VERROUILLE,VERROUILLE,VERROUILLE
	Program bypass option with oem remote:	C1	OEM Remote Monitoring
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit


REMOTE STARTER FUNCTIONALITY



All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.




The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED

x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package RSPB, Sold separately.

WARNING

REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION

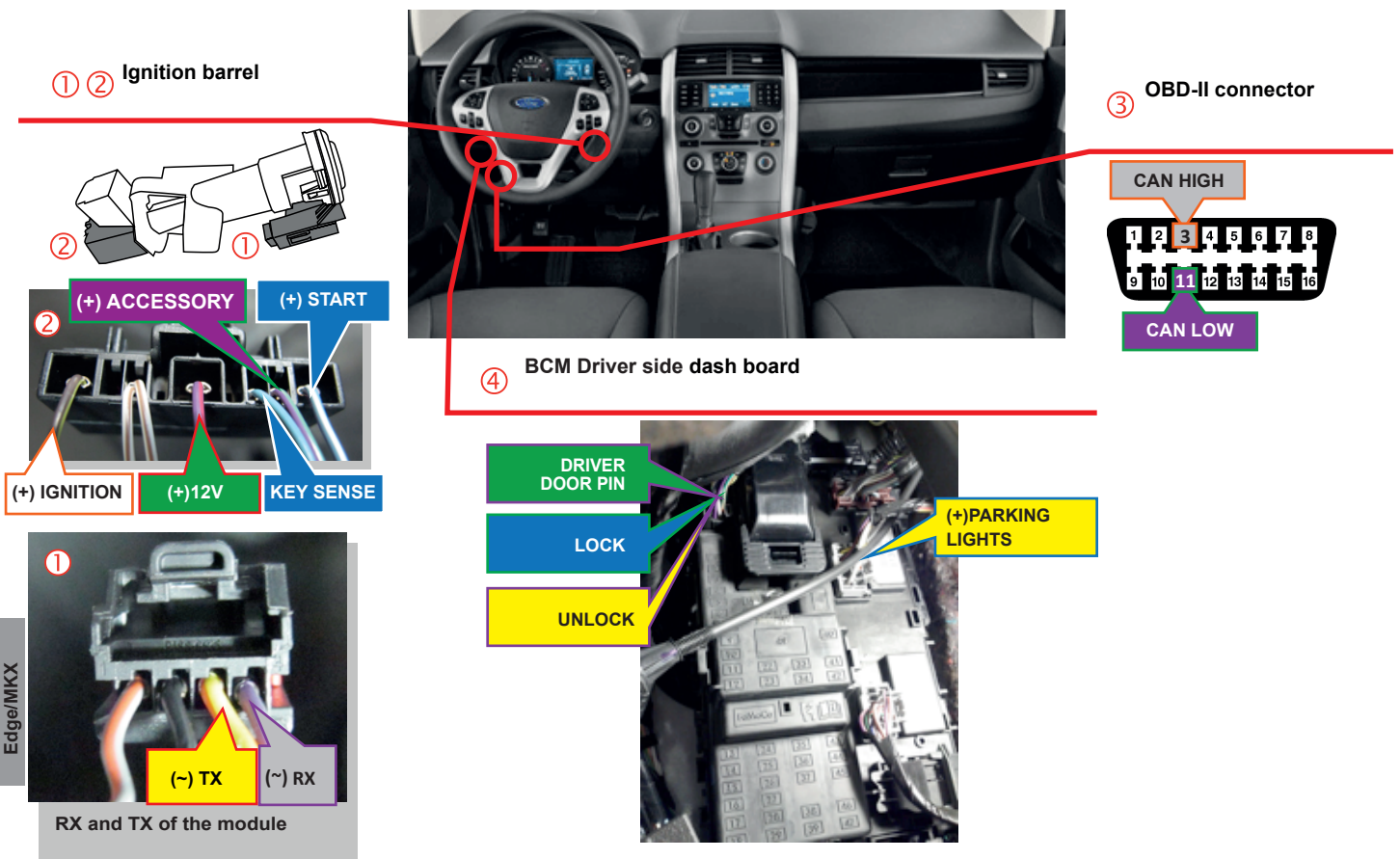
Parts required (Not included) PAGE

WIRE TO WIRE DIAGRAM

	1x 7.5 Amp. fuse 3x 1Amp. Diode	Page 4
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THARNNESS DIAGRAM

THARNNESS THAR-FORD4	1x THAR-FOR4 1x 7.5 Amp. fuse	Page 5
THARNNESS THAR-FORD1	1x THAR-FOR1 1x 7.5 Amp. fuse 1x 1Amp. Diode	Page 6



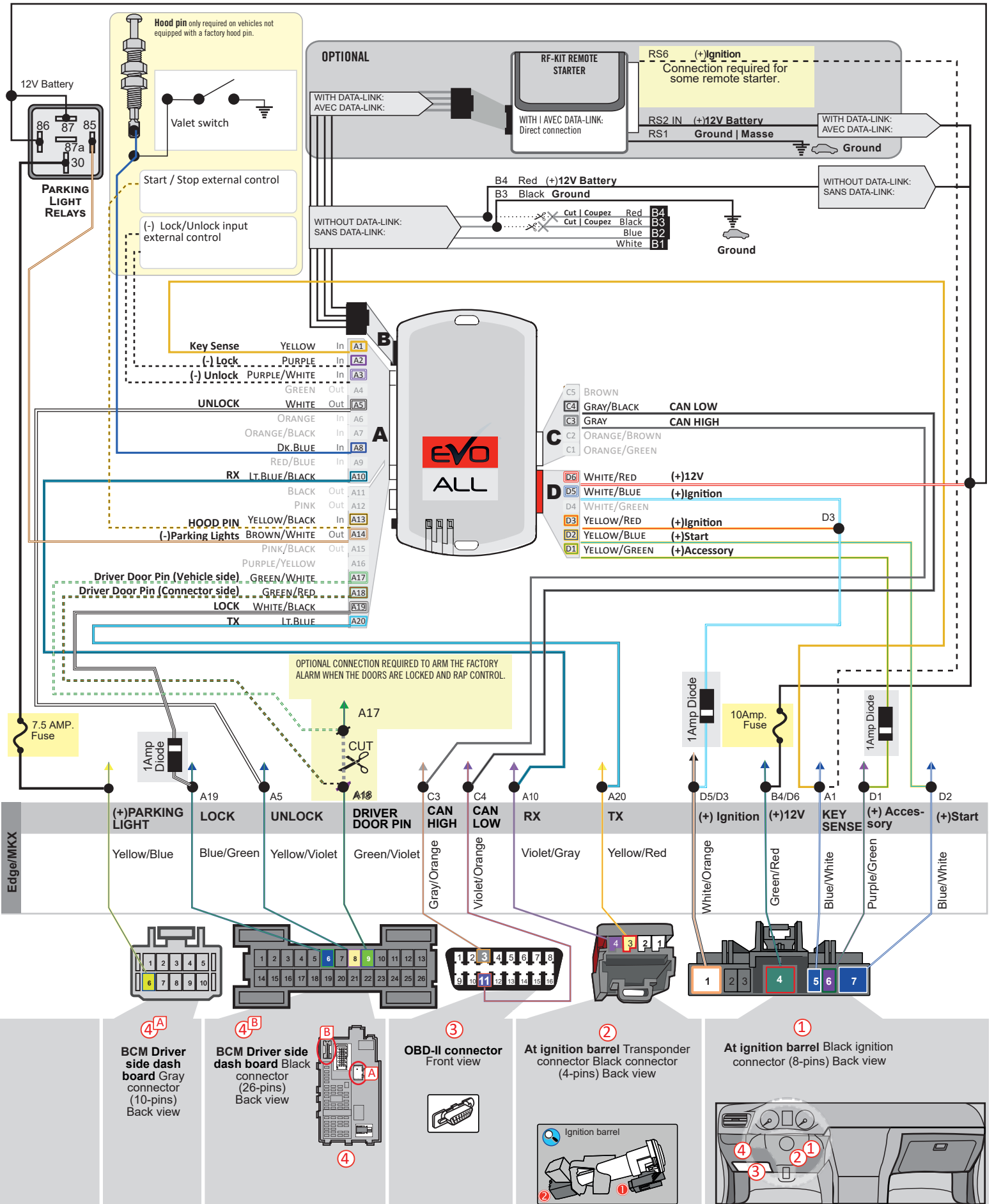
T-HARNNESS: 12V BATTERY

ATTENTION THE T-HARNNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

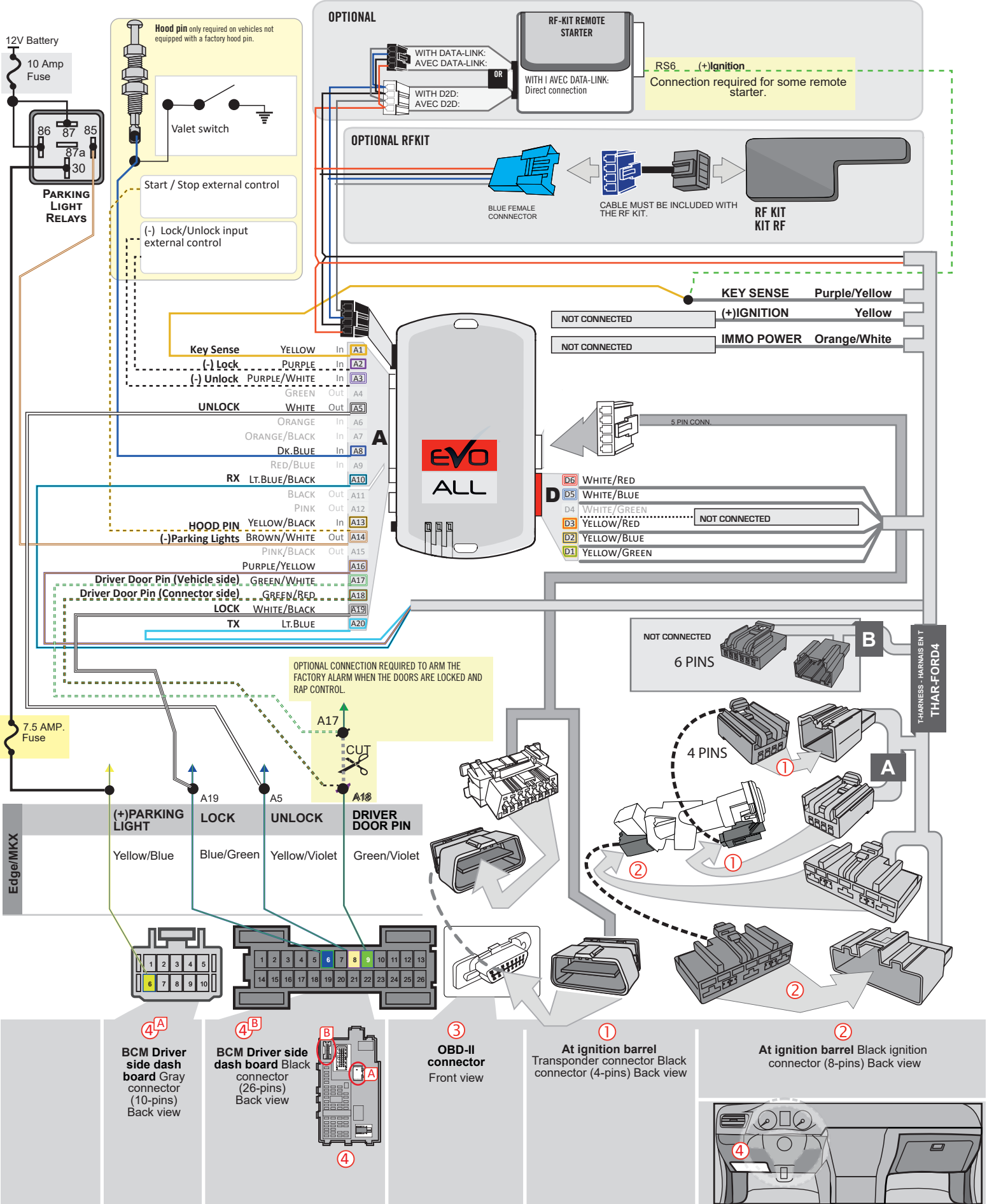
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

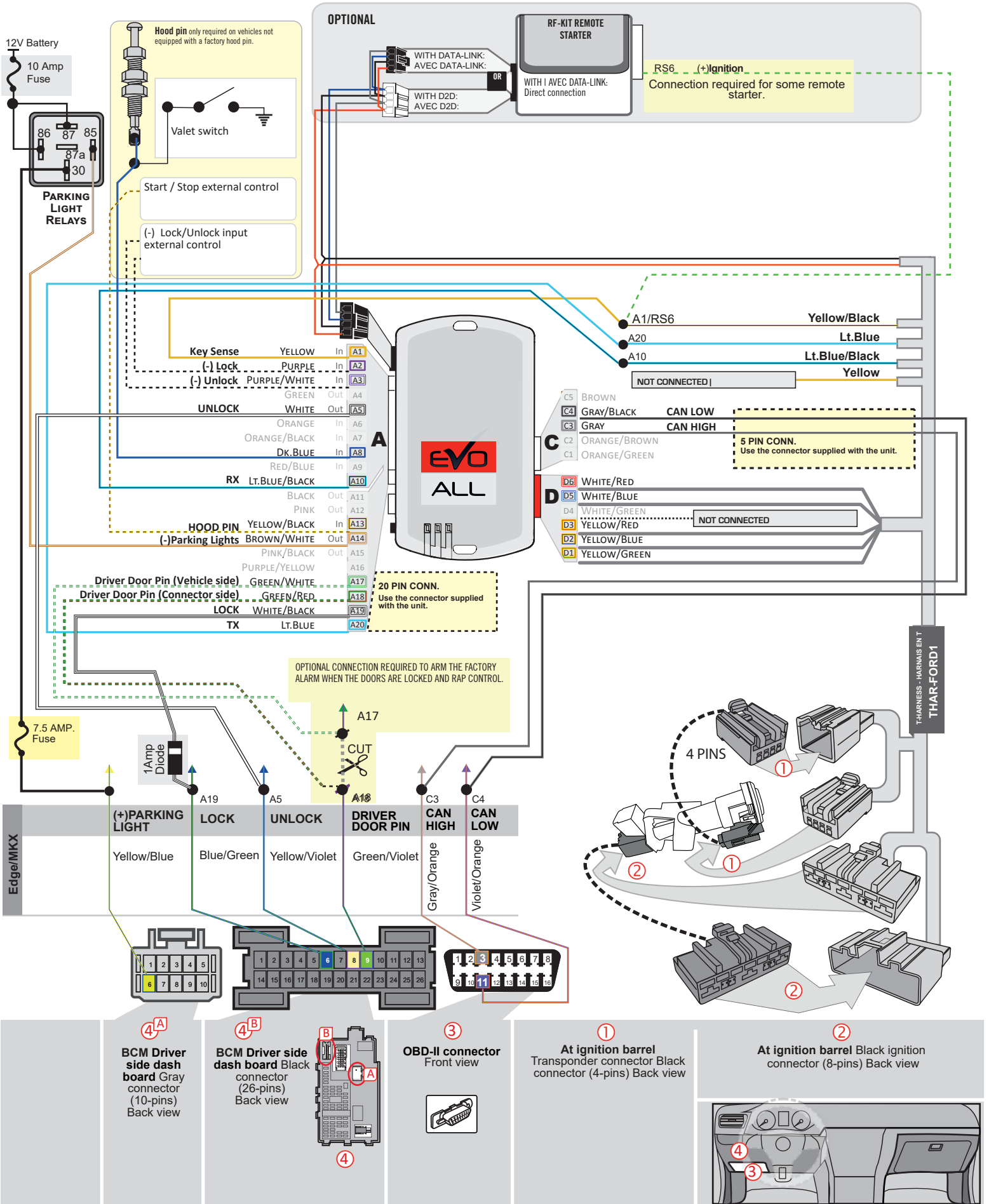
AUTOMATIC TRANSMISSION WIRING CONNECTION



THAR-FOR4 - AUTOMATIC TRANSMISSION

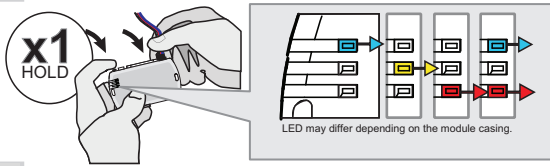


THAR-FOR1 - AUTOMATIC TRANSMISSION



KEY BYPASS PROGRAMMING PROCEDURE 1/2

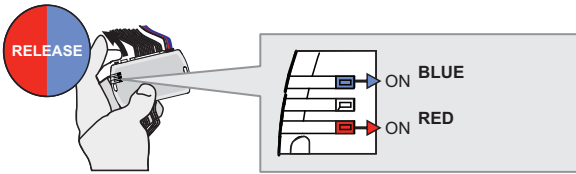
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

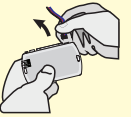
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

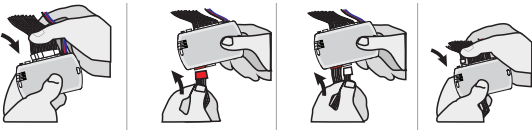


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 4-Pin connector (Data-Link) and go back to step 7.

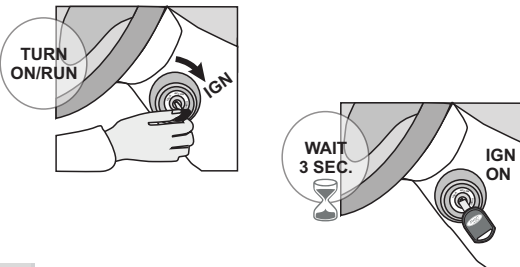


3



Insert the required remaining connectors.

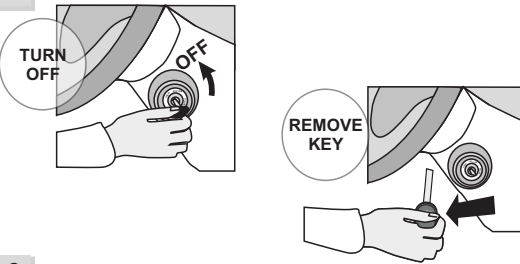
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

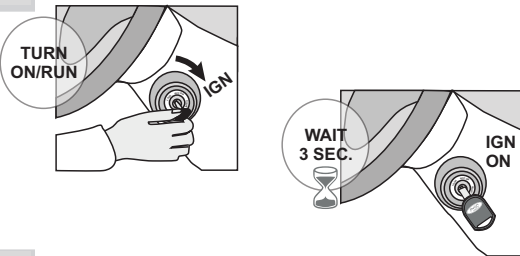
5



Turn the key to the OFF position.

and **remove** the first key.

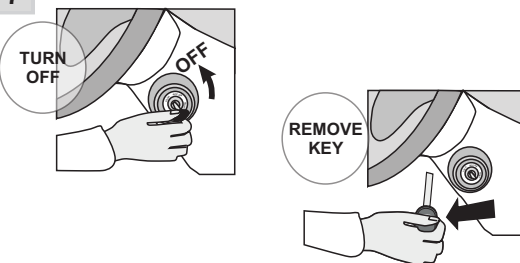
6



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

7



Turn the key to the OFF position.

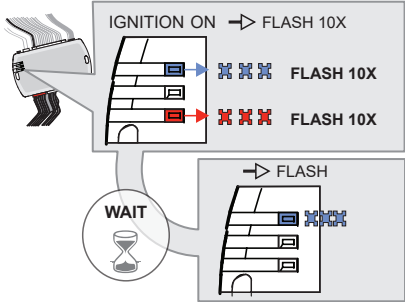
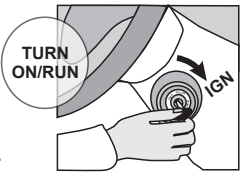
and **remove** the second key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2

8



KEY #1



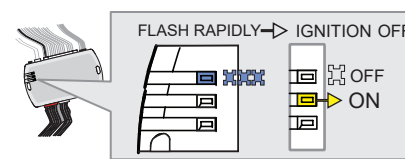
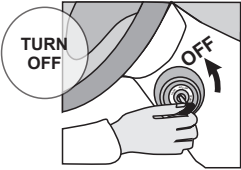
Turn the key to the Ignition ON/RUN position.

↳ The RED AND BLUE LEDs will flash rapidly ten (10) times.
Key bypass programmed.

Wait

↳ The BLUE LED will flash rapidly.
CAN-Bus programmed.

9



Turn the Ignition to the OFF position.

↳ The BLUE LED will turn off.
↳ The YELLOW LED will turn on.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 STANDALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.



VEHICLE

YEARS

“Vehicle functions supported in this diagram (functional if equipped)”

VEHICLE	YEARS	Immobilizer bypass	T-harness available (Sold separately)	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Tachometer	Door Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD															
Escape	40-bits 2008-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Hybrid 40-bits 2008-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•



FIRMWARE VERSION

71.[52]
MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.



Program bypass option:

UNIT OPTION

DESCRIPTION

A5

ON

AUX.1AUX.1
with OEM alarm

OFF

AUX.1
without OEM alarm

C1

OEM Remote status (Lock/Unlock) monitoring

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:

A11

OFF

Hood trigger (Output Status).

MANDATORY INSTALL

***HOOD PIN**



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

PARTS REQUIRED (NOT INCLUDED)

1x **FLASH LINK UPDATER**,
 1x **FLASH LINK MANAGER**
 SOFTWARE
 1x Microsoft Windows Computer with Internet connection

OR

1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
 Smartphone *Android* or *iOS* with Internet connection (*provider charges may apply*).
 1x

MANDATORY

HOOD PIN

REMOTE START SAFETY OVERRIDE SWITCH

VALET SWITCH

Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.

STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION
	OEM Remote Stand Alone Remote Starter:	D1.10	By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE,VERROUILLE,VERROUILLE
		D1.1	LOCK, UNLOCK, LOCK VERROUILLE,DÉVERROUILLE,VERROUILLE
	Program bypass option with oem remote:	C1	OEM Remote Monitoring
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit

REMOTE STARTER FUNCTIONALITY

All doors must be closed.

3X

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED

x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open

REMOTE STARTER WARNING CARD

CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package RSPB, Sold separately.

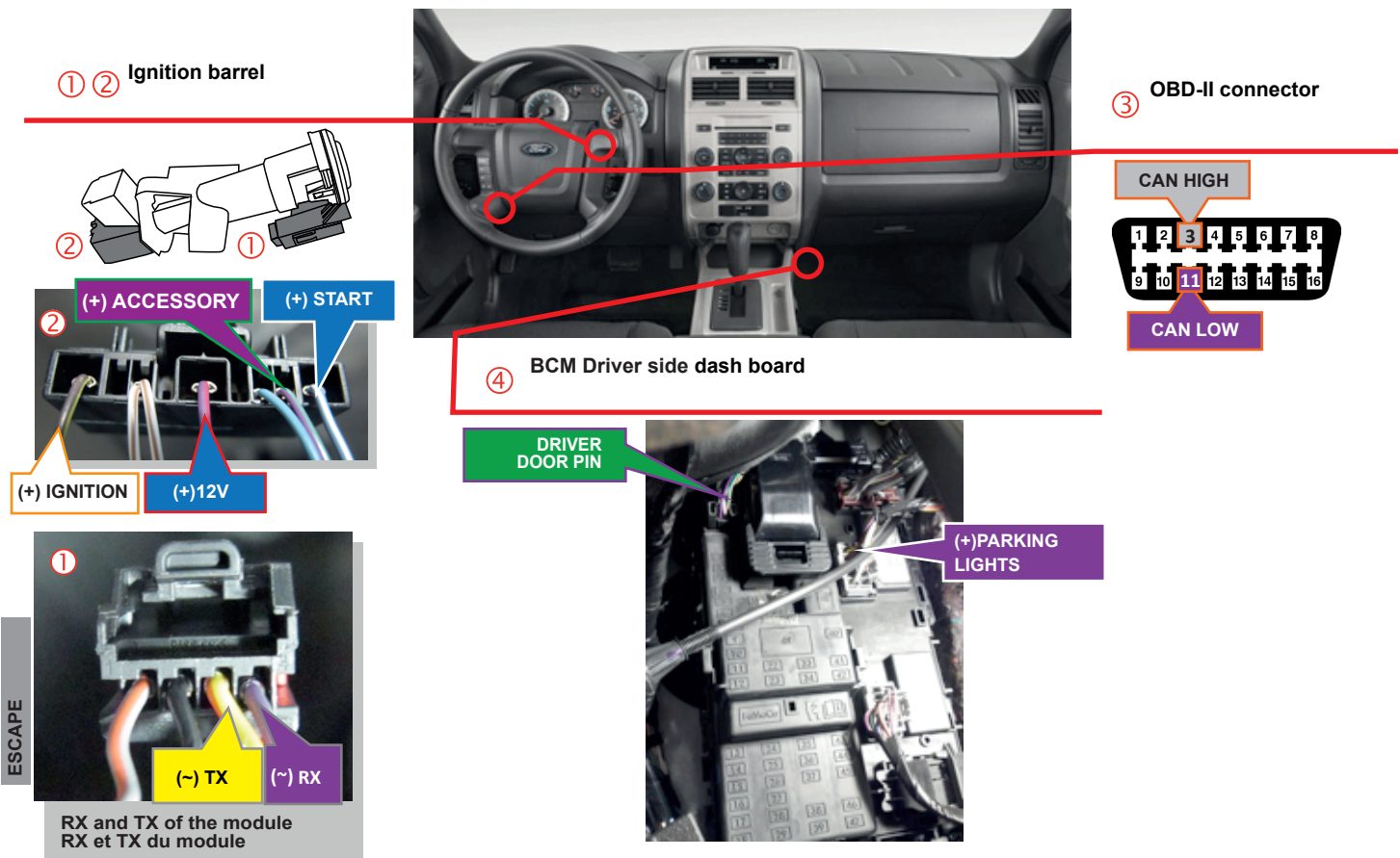
WARNING

REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION

		Parts required (Not included)	PAGE
WIRE TO WIRE DIAGRAM			
	AUTOMATIC TRANSMISSION	1x 7.5 Amp. fuse 2x 1Amp. Diodes 1x Relais (Parking lights)	Page 4
THARNNESS DIAGRAM			
THARNNESS THAR-FORD4	AUTOMATIC TRANSMISSION	1x THAR-FOR4 1x 7.5 Amp. fuse 1x Relais (Parking lights)	Page 5
THARNNESS THAR-FORD1	AUTOMATIC TRANSMISSION	1x THAR-FOR1 1x 7.5 Amp. fuse 1x Relais (Parking lights)	Page 6



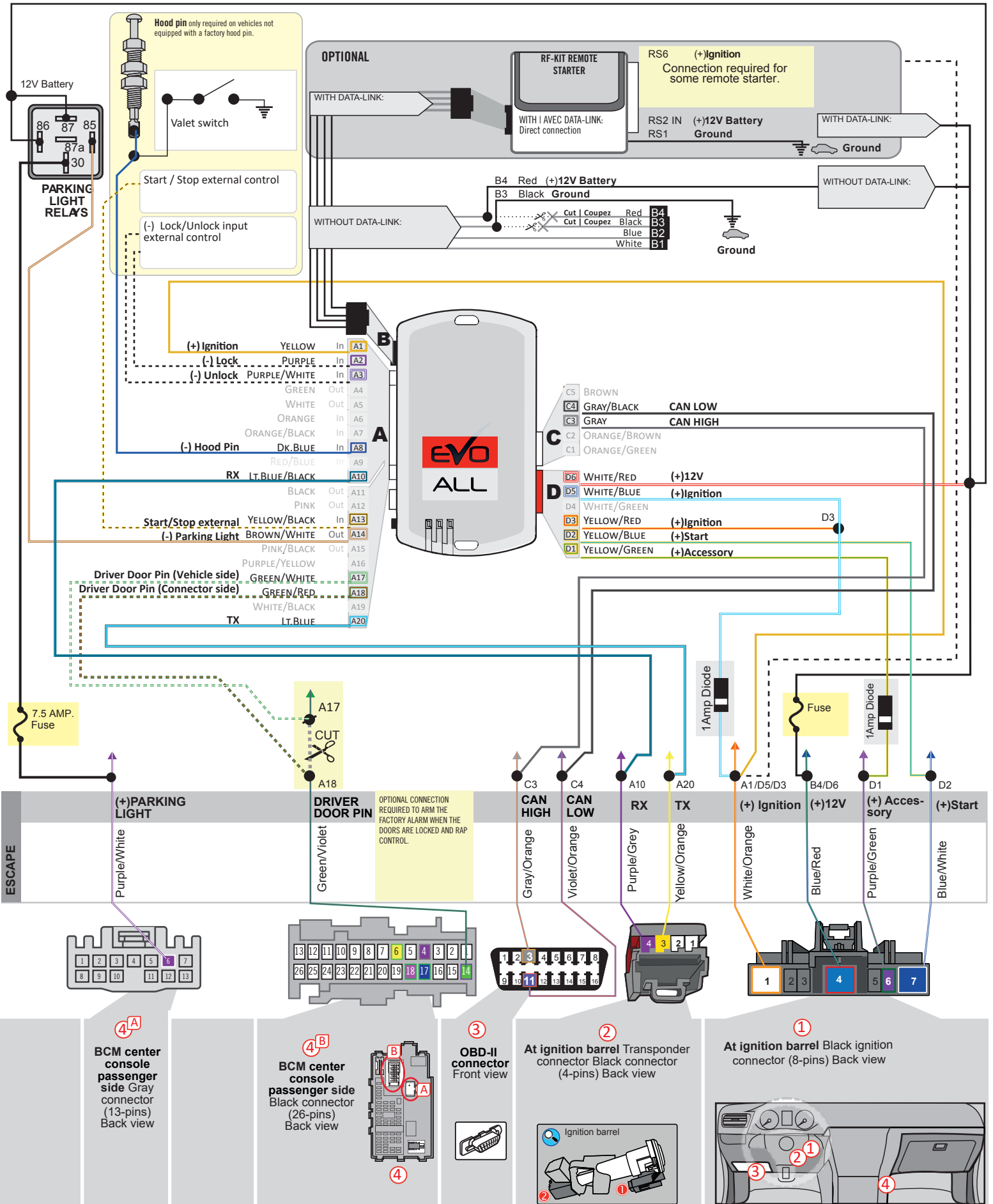
T-HARNESS: 12V BATTERY

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

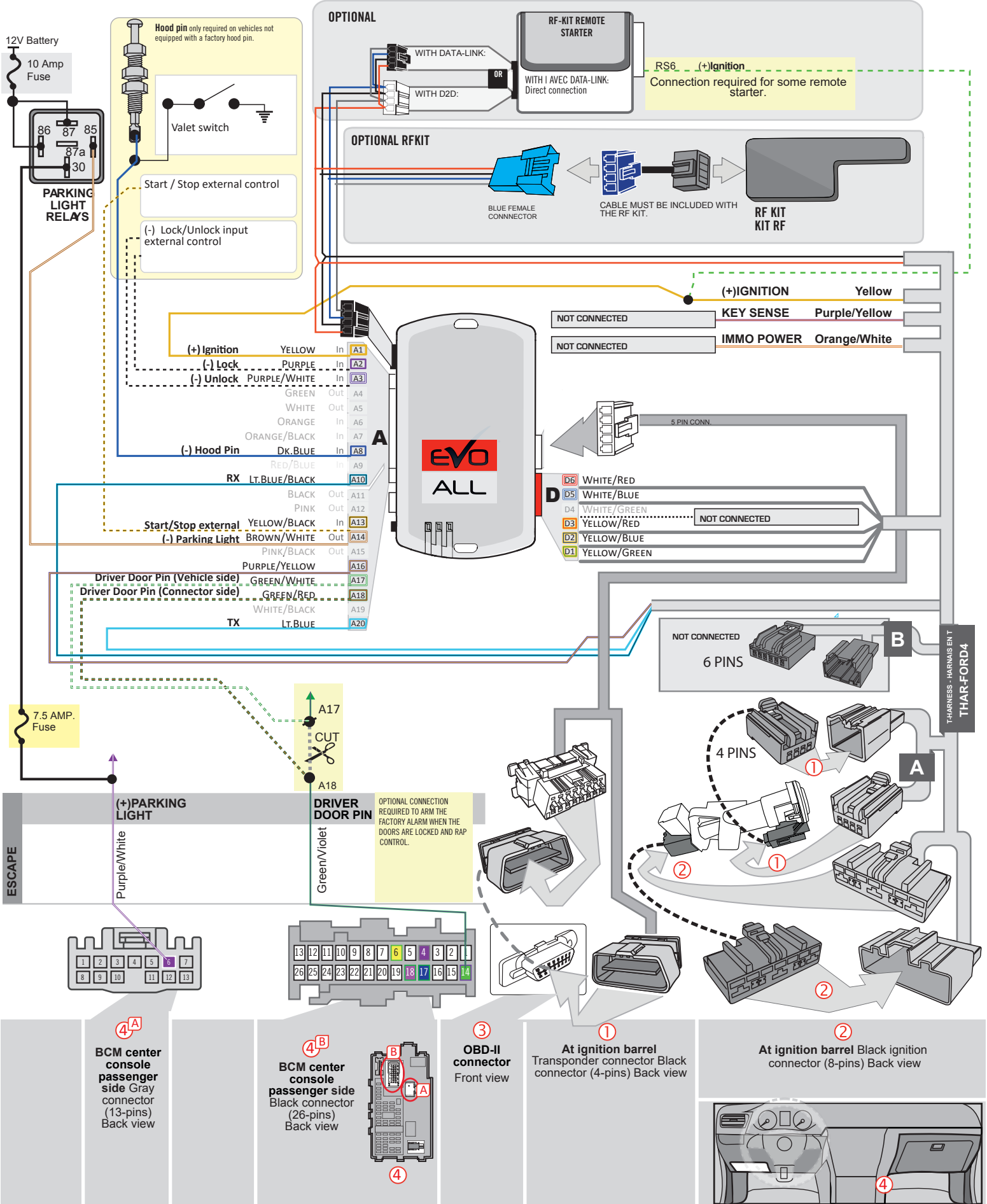
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

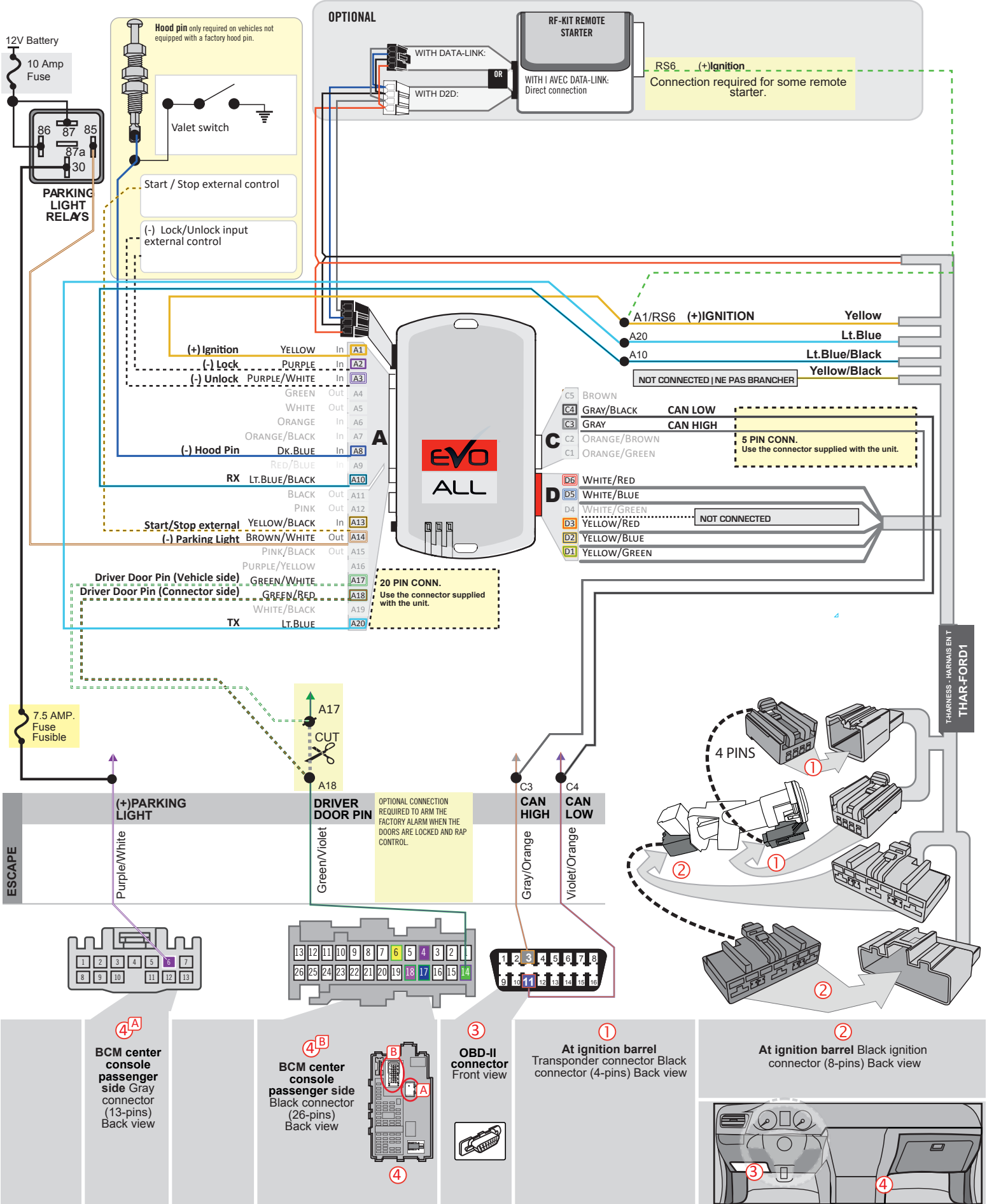
AUTOMATIC TRANSMISSION WIRING CONNECTION



THAR-FOR4 - AUTOMATIC TRANSMISSION




THAR-FOR1 - AUTOMATIC TRANSMISSION




KEY BYPASS PROGRAMMING PROCEDURE 1/2

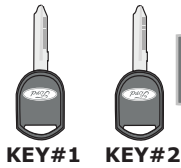
Choose between :



2 key programming.

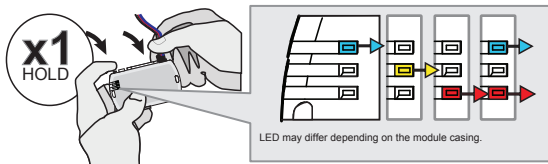


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

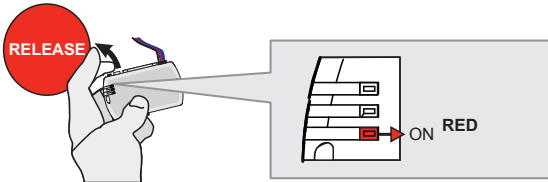
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

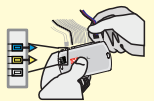
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

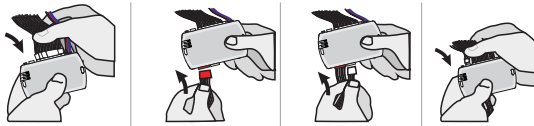


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

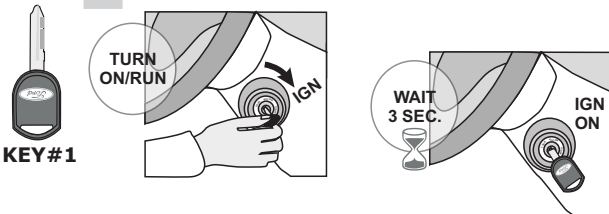


3



Insert the required remaining connectors.

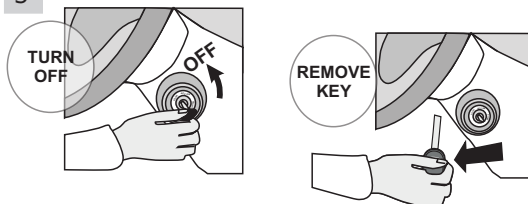
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

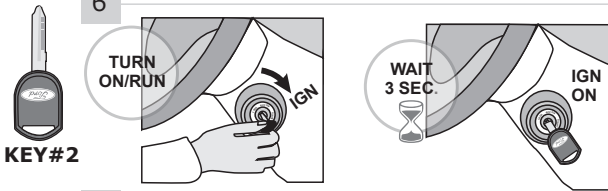
5



Turn the key to the OFF position.

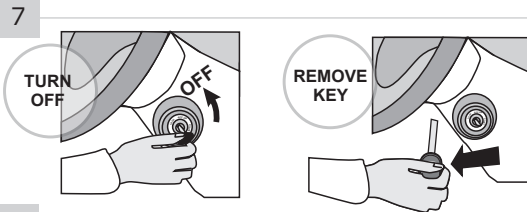
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

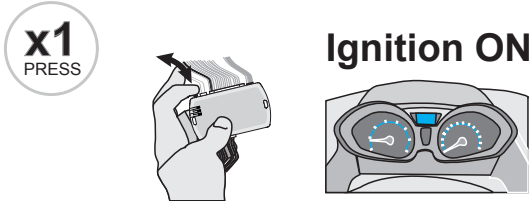


Turn the key to the OFF position.

Remove the second key.

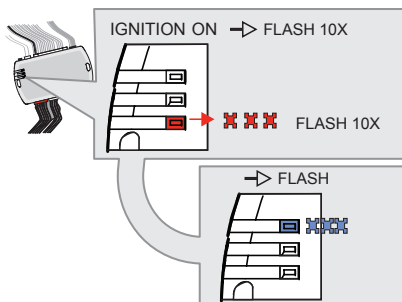
8

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.



Press and release the programming button.

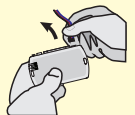
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

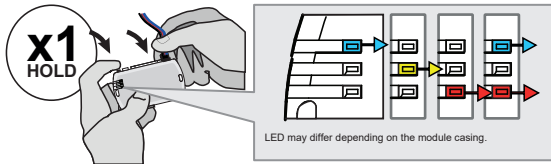
- 1x FLASH LINK UPDATER, SOFTWARE
- 1x FLASH LINK MANAGER SOFTWARE
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x FLASH LINK MOBILE
- 1x FLASH LINK MOBILE APP
- Smartphone Android or iOS with Internet connection (Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

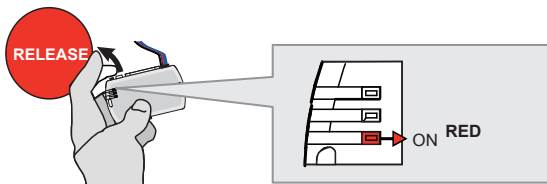
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

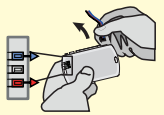
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

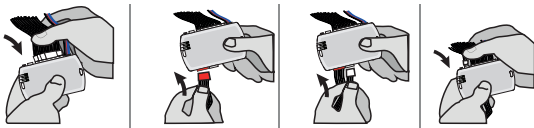


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

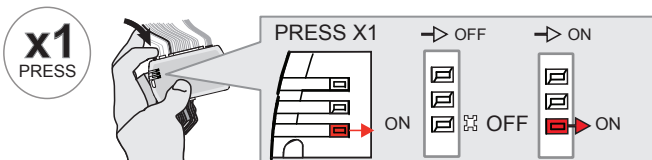


3



Insert the required remaining connectors.

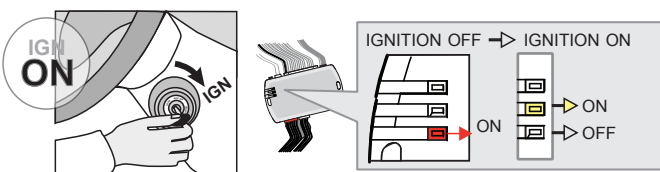
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



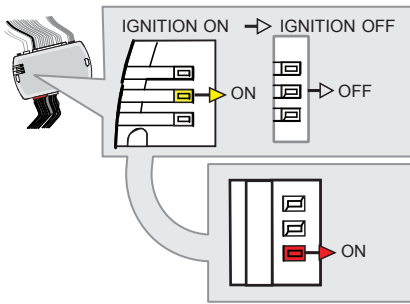
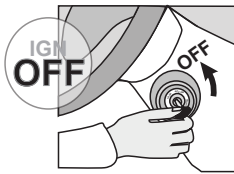
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

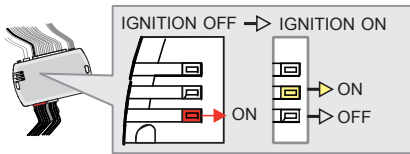
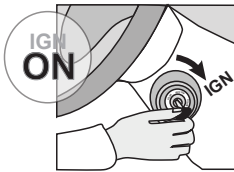
6



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

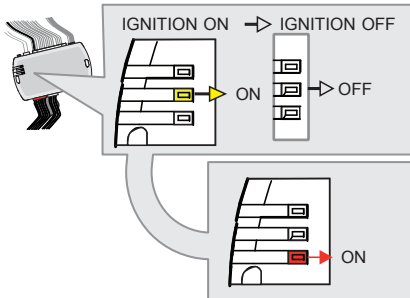
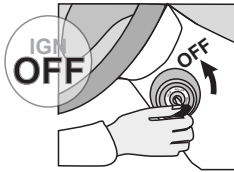
↳ The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳ The RED LED will turn OFF.
↳ The YELLOW LED will turn on.

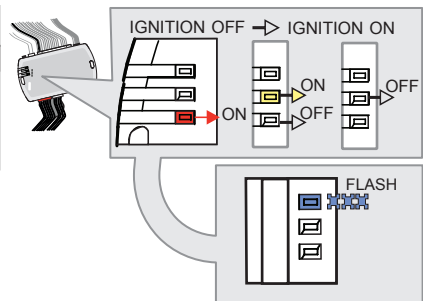
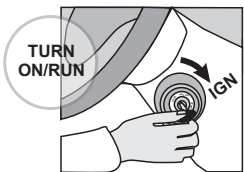
8



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

↳ The RED LED will turn on.

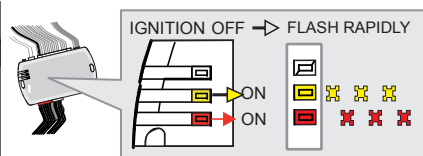
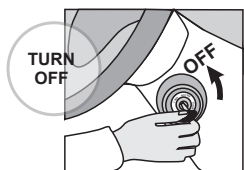
9



Turn the key to the Ignition ON/RUN position.
↳ The YELLOW LED will turn on and off.
↳ The RED LED will turn OFF.

↳ WAIT, the BLUE LED to flash rapidly.

10

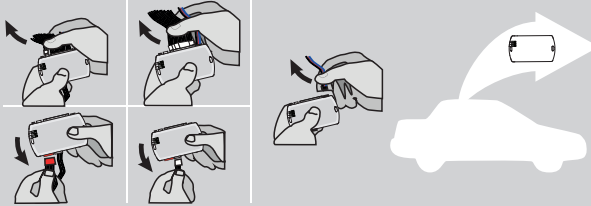


Turn the key to the OFF position.

↳ The RED and YELLOW LEDs will alternate.

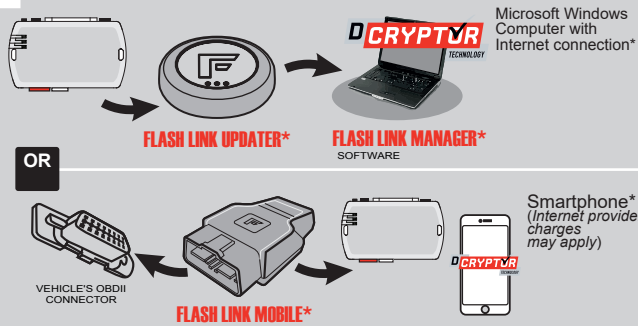
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



Disconnect all the connectors and after the Data-Link (4-pins) connector.

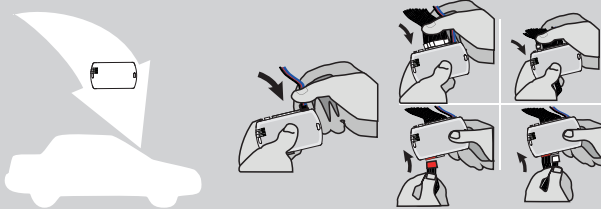
12



Use the tool: **FLASH LINK UPDATER** or **FLASH LINK MOBILE** to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.


REGULAR, THAR-FOR4 & THAR-FOR1 STANDALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)														
		Immobilizer bypass	T-Harness available (sold separately)	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD																
Expedition	80-bits (SA KEY)	2015-2017	•	•	•	•	•	•	•	•	•	•	•	•	•	•



FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

UNIT OPTION	DESCRIPTION	
	A5	ON
OFF		AUX.1 without OEM alarm
C1	OEM Remote status (Lock/Unlock) monitoring	
A11	OFF	Hood trigger (Output Status).

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:

MANDATORY INSTALL



***HOOD PIN** HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.


PARTS REQUIRED (NOT INCLUDED)

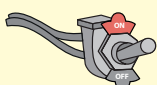
1x **FLASH LINK UPDATER**
 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
Smartphone Android or iOS with Internet connection (provider charges may apply).

MANDATORY

HOOD PIN 






REMOTE START SAFETY OVERRIDE SWITCH 

VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.


STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION
	OEM Remote Stand Alone Remote Starter:	D1.10 	By default, LOCK, LOCK, LOCK
		D1.1 	Par défaut, VERROUILLE,VERROUILLE,VERROUILLE
	Program bypass option with oem remote:	C1	OEM Remote Monitoring
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit


REMOTE STARTER FUNCTIONALITY




All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.




START 

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED

x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package RSPB, Sold separately.

WARNING

REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION

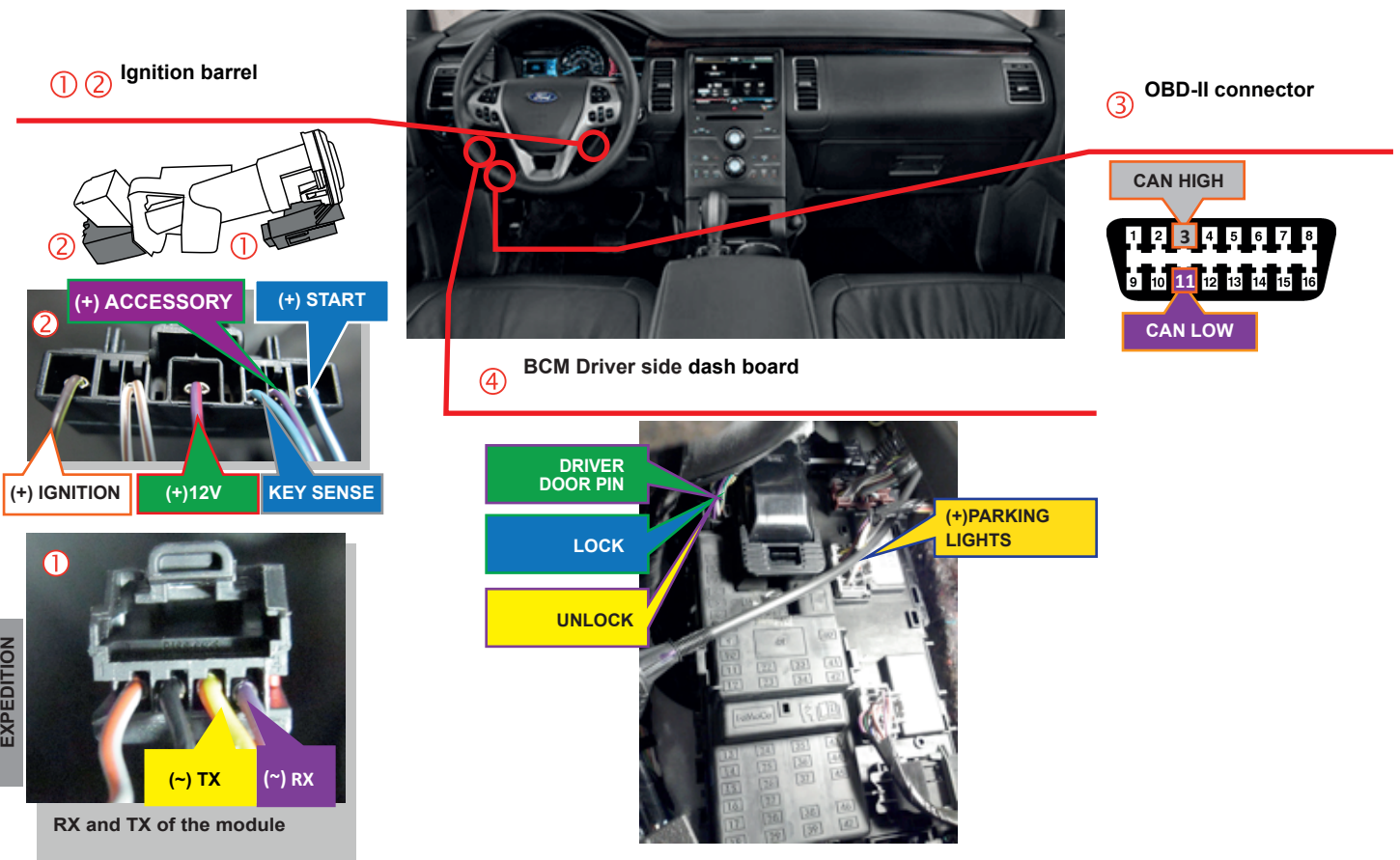
Parts required (Not included) PAGE

WIRE TO WIRE DIAGRAM

	1x 7.5 Amp. fuse 3x 1Amp.Diode	Page 4
--	-----------------------------------	--------

THARNESS DIAGRAM

THARNESS THAR-FORD4	1x THAR-FOR4 1x 7.5 Amp. fuse	Page 5
THARNESS THAR-FORD1	1x THAR-FOR1 1x 7.5 Amp. fuse 1x 1Amp. Diode	Page 6



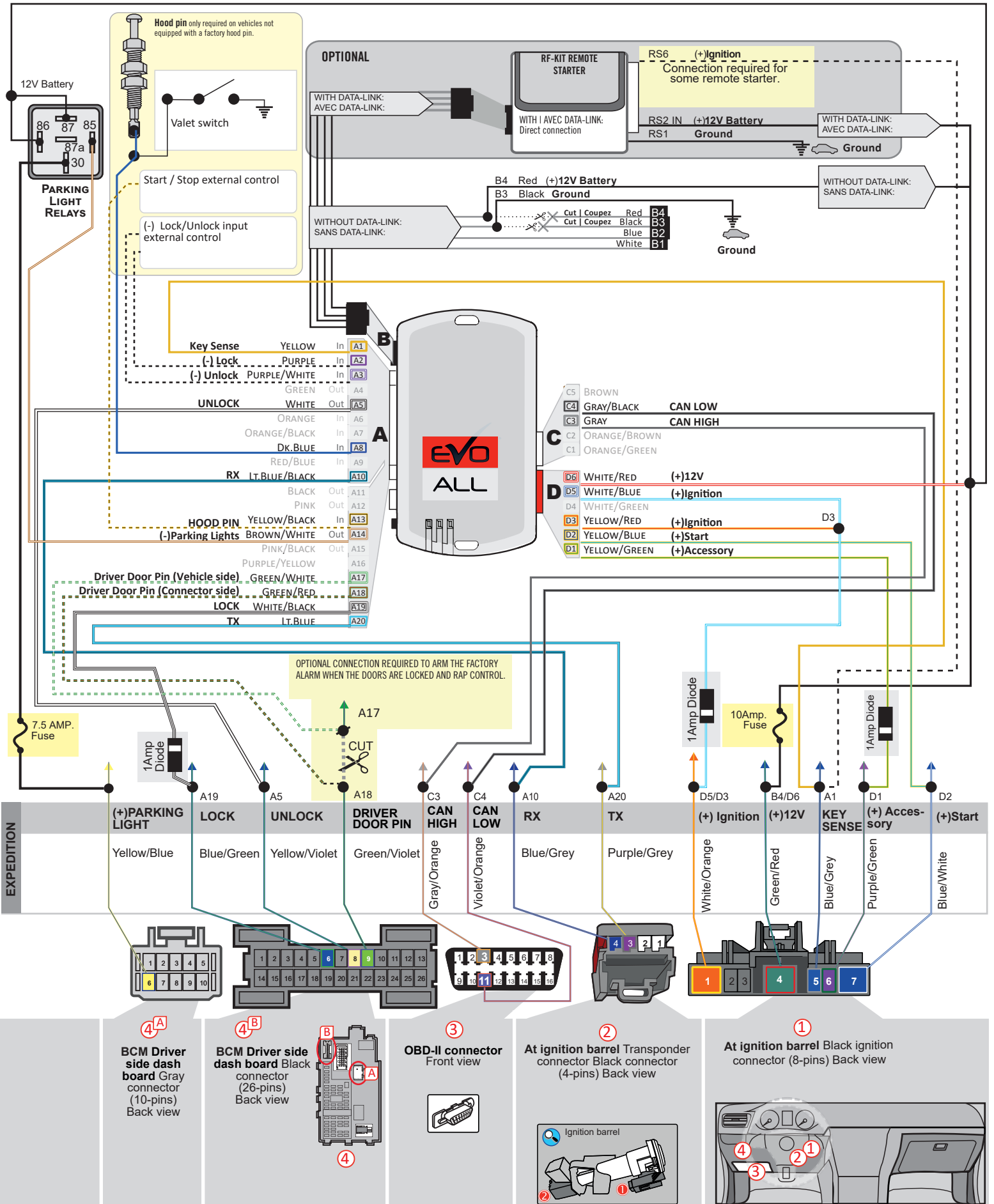
T-HARNES: 12V BATTERY

ATTENTION THE T-HARNES CURRENT IS LIMITED AT 10 AMP MAXIMUM.

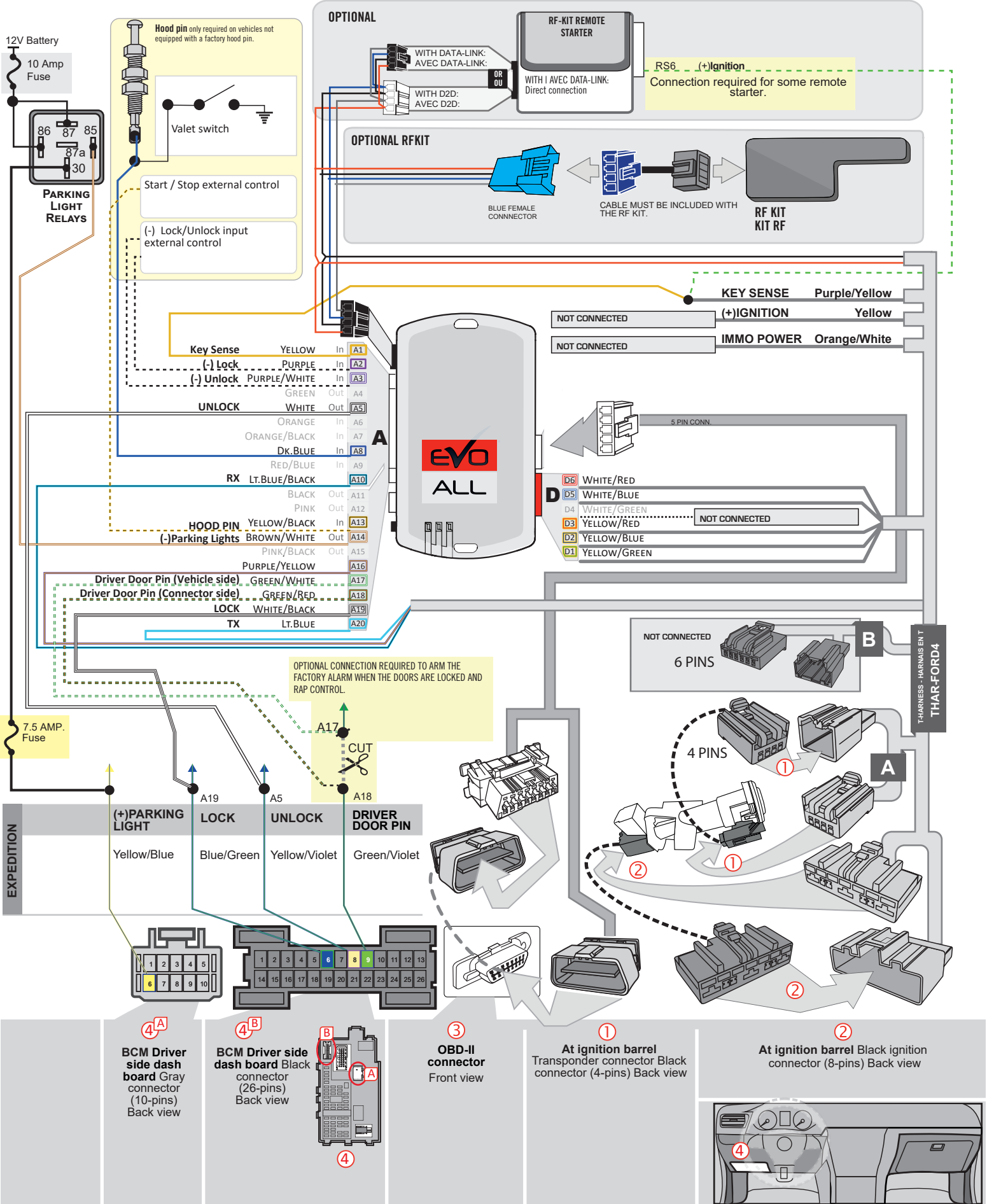
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

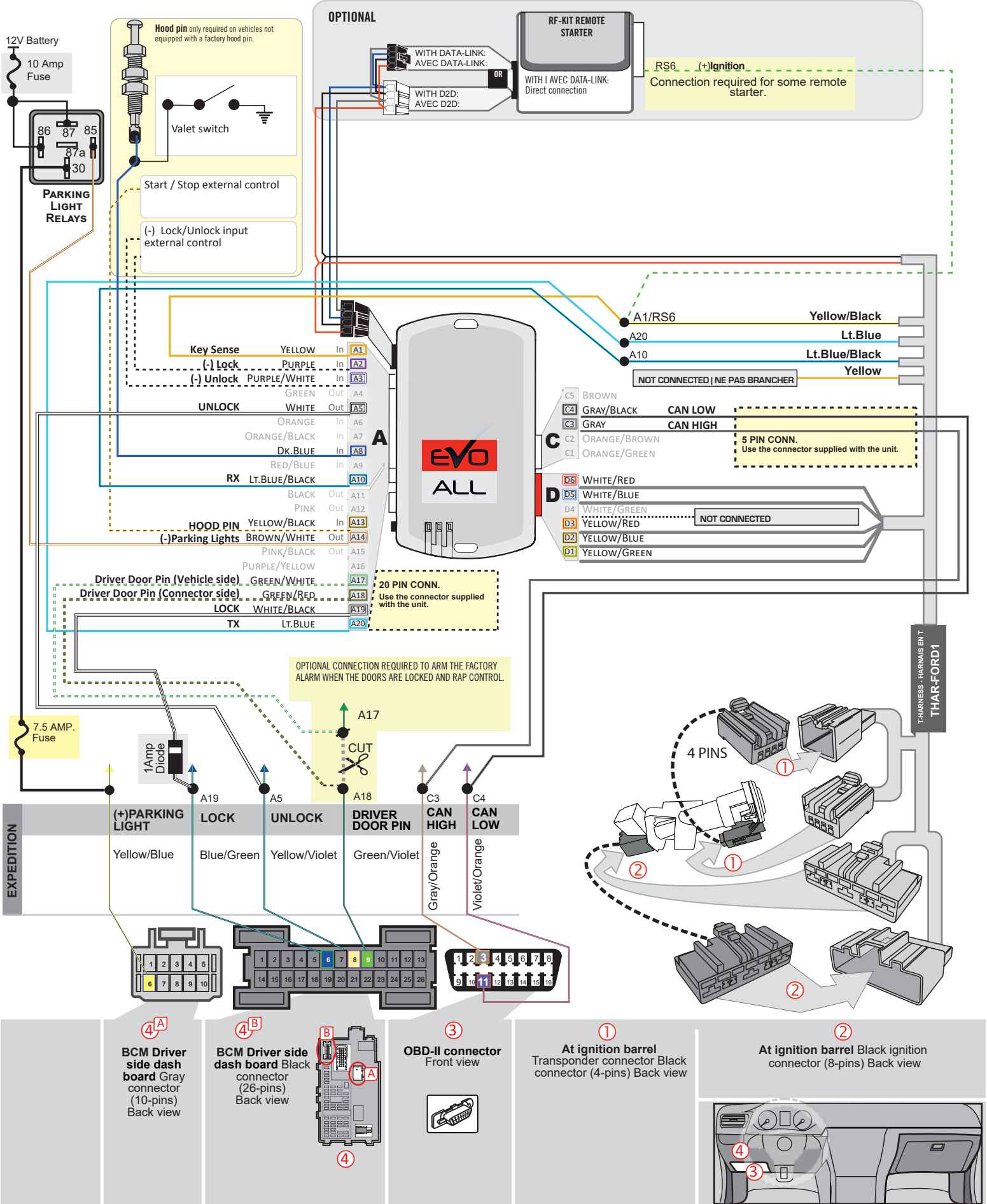
AUTOMATIC TRANSMISSION WIRING CONNECTION



THAR-FOR4 - AUTOMATIC TRANSMISSION

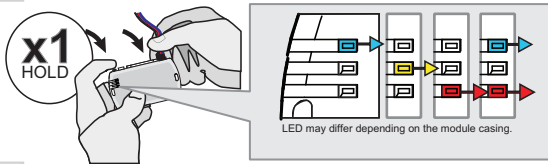


THAR-FOR1 - AUTOMATIC TRANSMISSION



KEY BYPASS PROGRAMMING PROCEDURE 1/2

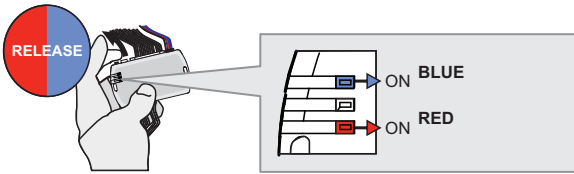
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

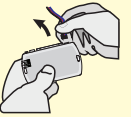
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

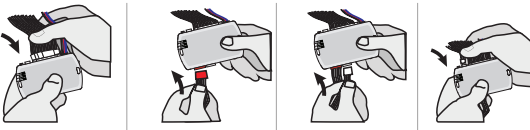


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 4-Pin connector (Data-Link) and go back to step 7.

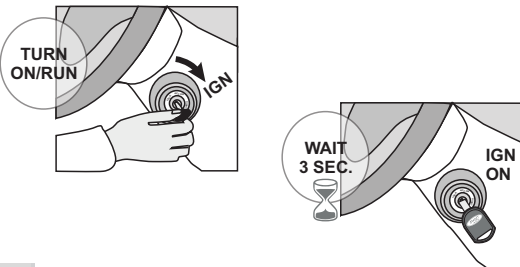


3



Insert the required remaining connectors.

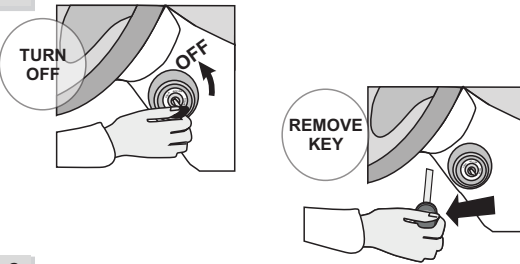
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

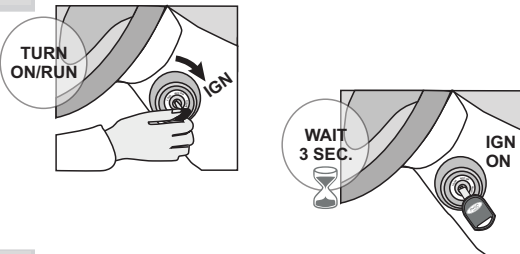
5



Turn the key to the OFF position.

and **remove** the first key.

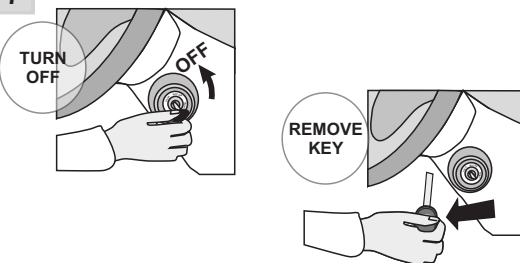
6



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

7

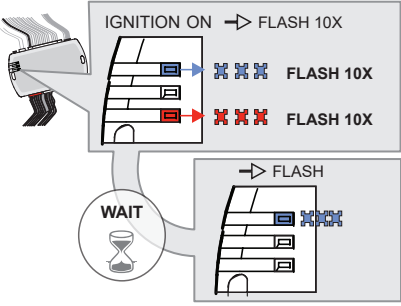


Turn the key to the OFF position.

and **remove** the second key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2 |

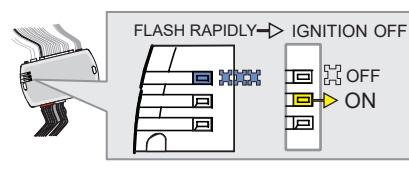
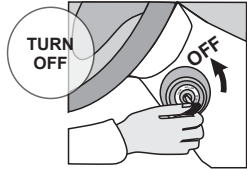
8




Turn the key to the Ignition ON/RUN position.
 ↳ The RED AND BLUE LEDs will flash rapidly ten (10) times. Key bypass programmed.

Wait
 ↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

9



Turn the Ignition to the OFF position.
 ↳ The BLUE LED will turn off.
 ↳ The YELLOW LED will turn on.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY



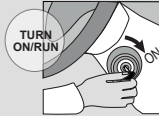
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 STANDALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)														
		Immobilizer bypass	T-Harness available (sold separately)	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD																
Explorer	80-bits (SA KEY) 2011-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

UNIT OPTION	OPTION UNITE	DESCRIPTION		
		A5	<input type="checkbox"/>	AUX.1 Par défaut with OEM alarm
		<input type="checkbox"/>	AUX.1 without OEM alarm	
	C1	OEM Remote status (Lock/Unlock) monitoring		
IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:		A11	<input type="checkbox"/>	Hood trigger (Output Status).

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

PARTS REQUIRED (NOT INCLUDED) |

1x **FLASH LINK UPDATER,**
 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
Smartphone Android or iOS with Internet connection (provider charges may apply).

MANDATORY

HOOD PIN

REMOTE START SAFETY OVERRIDE SWITCH

VALET SWITCH

Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.

STAND ALONE CONFIGURATION |

	Program bypass option	UNIT OPTION	DESCRIPTION
	OEM Remote Stand Alone Remote Starter:	D1.10	By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE,VERROUILLE,VERROUILLE
		D1.1	
	Program bypass option with oem remote:	C1	OEM Remote Monitoring
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit

REMOTE STARTER FUNCTIONALITY |

All doors must be closed.

3X

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.

The vehicle will START.

REMOTE STARTER DIAGNOSTICS

MODULE RED LED
x2 flash : Brake ON
x3 flash : No tach
x4 flash : Ignition before start
x5 flash : Hood Open

REMOTE STARTER WARNING CARD |

CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package RSPB, Sold separately.

WARNING

REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION |

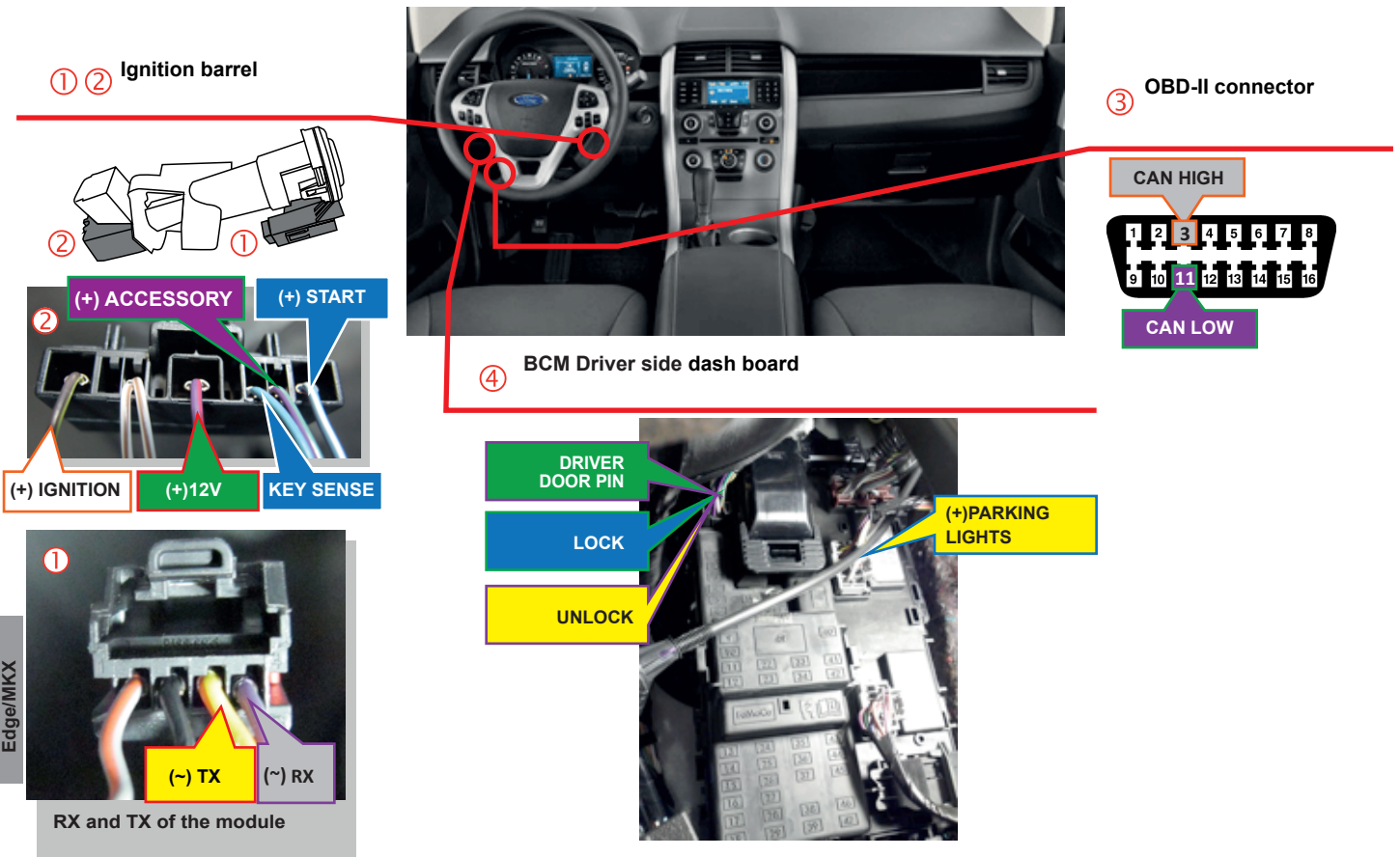
Parts required (Not included) PAGE

WIRE TO WIRE DIAGRAM

	1x 7.5 Amp. fuse 3x 1Amp. Diode	Page 4
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THARNESS DIAGRAM

THARNESS THAR-FORD4	1x THAR-FOR4 1x 7.5 Amp. fuse	Page 5
THARNESS THAR-FORD1	1x THAR-FOR1 1x 7.5 Amp. fuse 1x 1Amp. Diode	Page 6



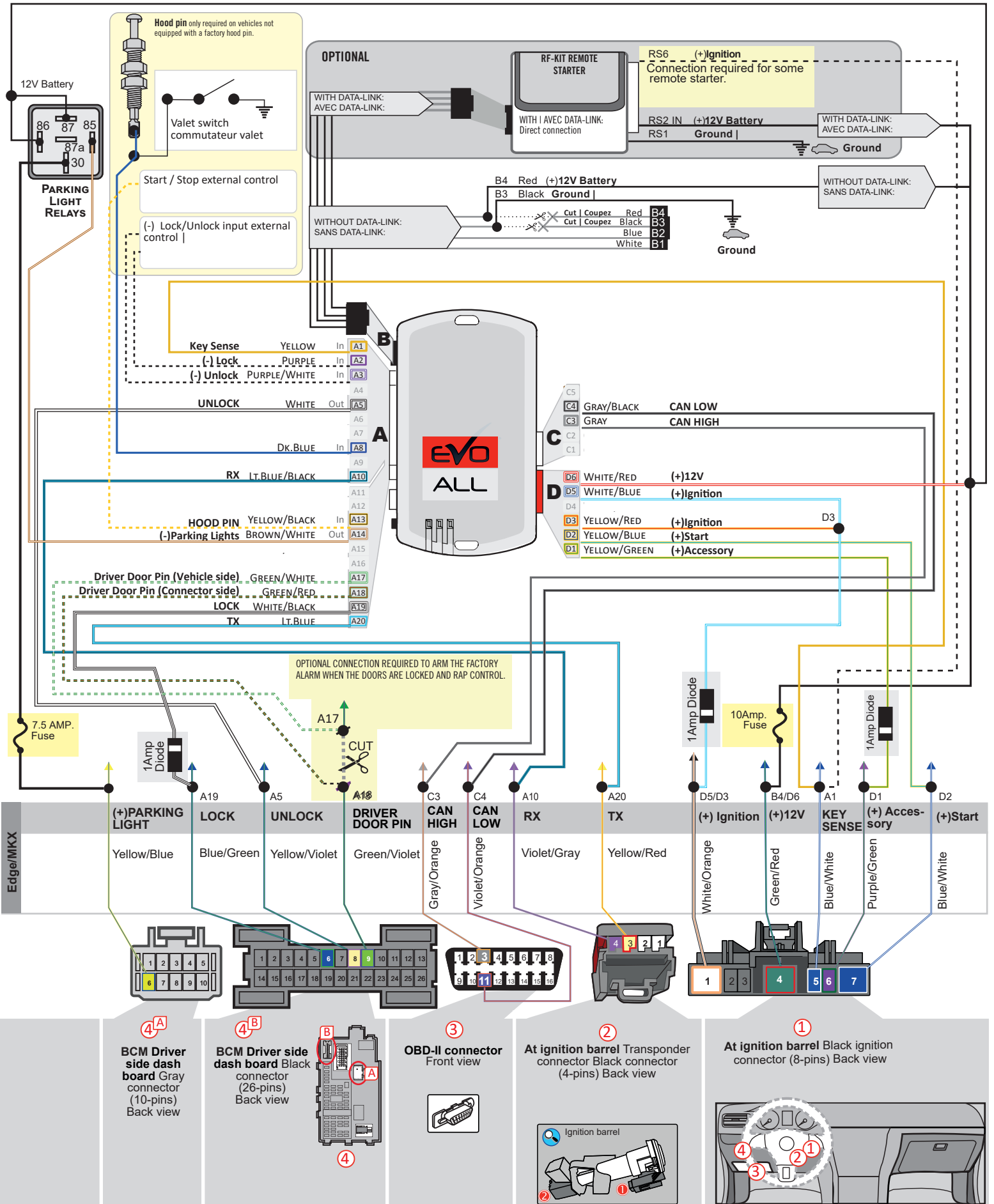
T-HARNES: 12V BATTERY

ATTENTION THE T-HARNES CURRENT IS LIMITED AT 10 AMP MAXIMUM.

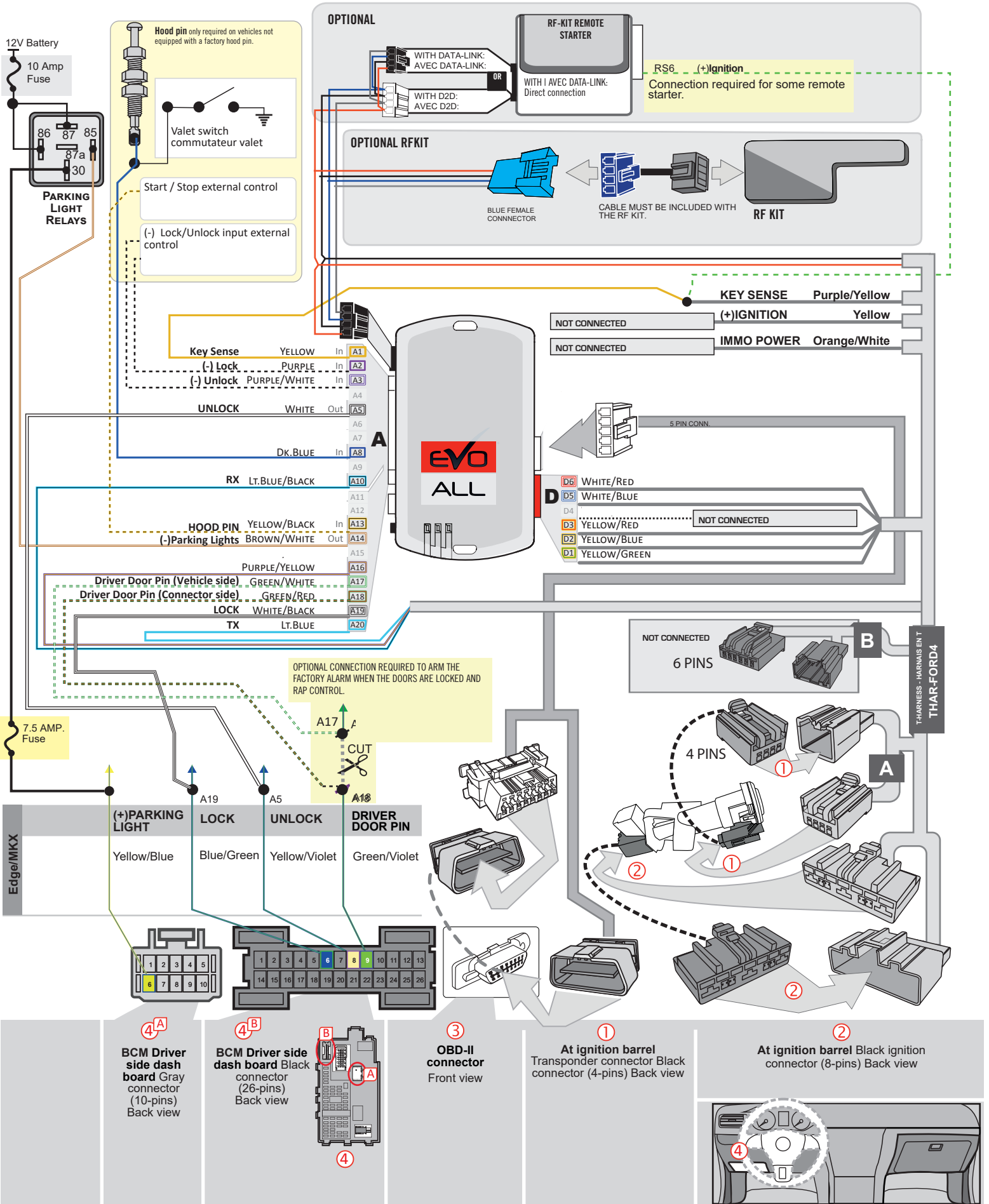
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

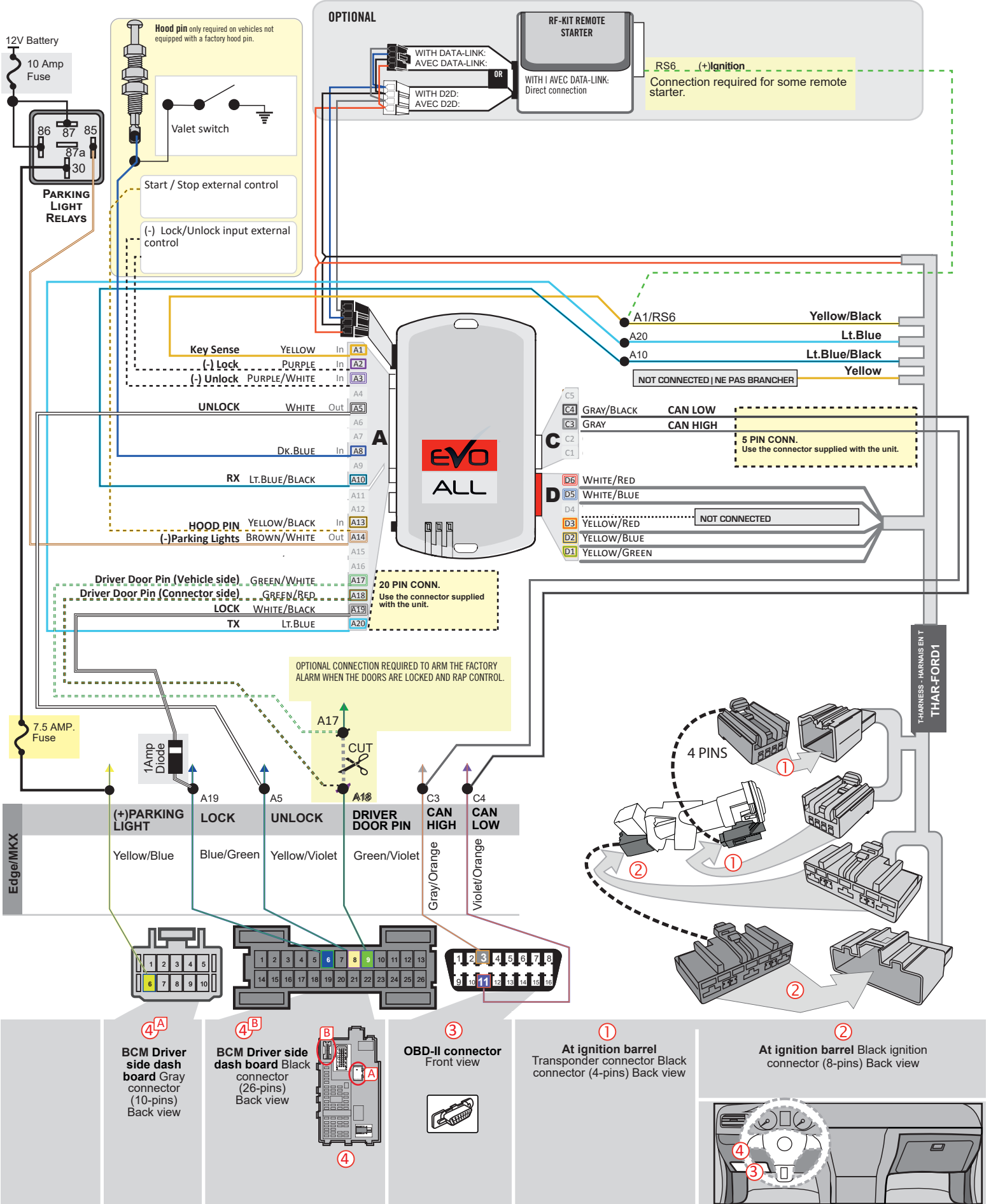
AUTOMATIC TRANSMISSION WIRING CONNECTION |



THAR-FOR4 - AUTOMATIC TRANSMISSION

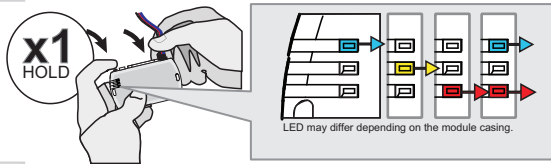


THAR-FOR1 - AUTOMATIC TRANSMISSION



KEY BYPASS PROGRAMMING PROCEDURE 1/2 |

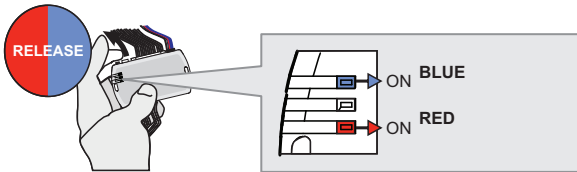
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

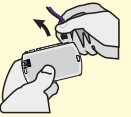
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

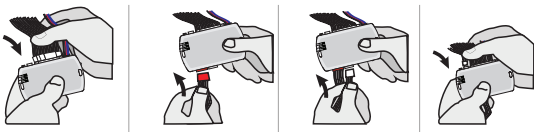


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 4-Pin connector (Data-Link) and go back to step 7.

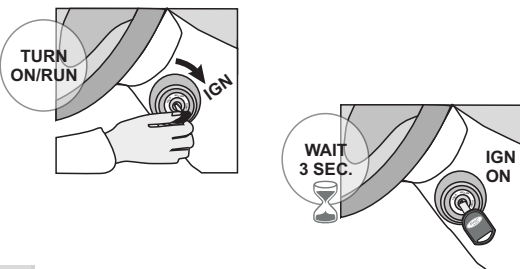


3



Insert the required remaining connectors.

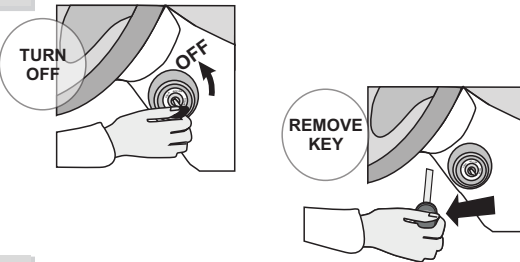
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

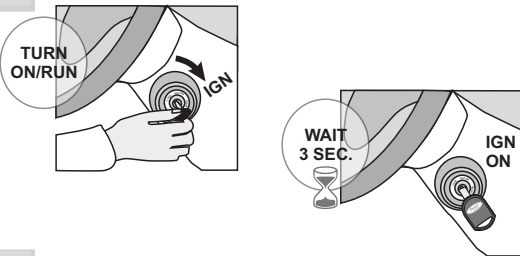
5



Turn the key to the OFF position.

and **remove** the first key.

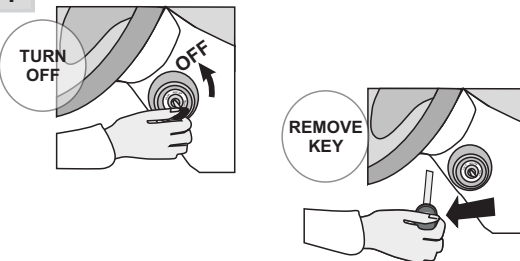
6



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

7



Turn the key to the OFF position.

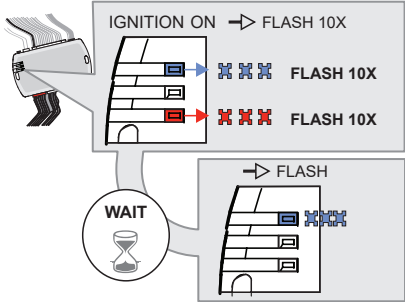
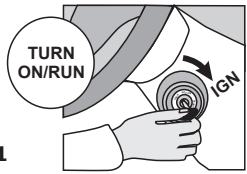
and **remove** the second key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2 |

8



KEY #1



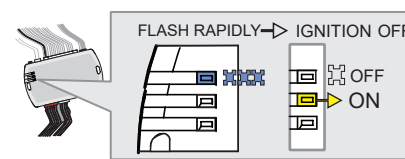
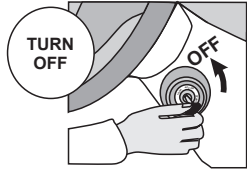
Turn the key to the Ignition ON/RUN position.

↳ The RED AND BLUE LEDs will flash rapidly ten (10) times. Key bypass programmed.

Wait

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

9



Turn the Ignition to the OFF position.

↳ The BLUE LED will turn off.
↳ The YELLOW LED will turn on.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY |



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 STANDALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.



VEHICLE

YEARS

“Vehicle functions supported in this diagram (functional if equipped)”

VEHICLE	YEARS	Immobilizer bypass	T-harness available (Sold separately)	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD																
Flex	40-bits 2009-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.



Program bypass option:

UNIT OPTION

DESCRIPTION

A5

ON

AUX.1
Par défaut with OEM alarm

OFF

AUX.1
without OEM alarm

C1

OEM Remote status (Lock/Unlock) monitoring

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:

A11

OFF

Hood trigger (Output Status).

MANDATORY INSTALL

***HOOD PIN**



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

PARTS REQUIRED (NOT INCLUDED)


1x **FLASH LINK UPDATER, FLASH LINK MANAGER**
 SOFTWARE
 1x Microsoft Windows Computer with Internet connection

OR

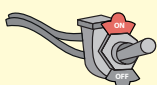
1x **FLASH LINK MOBILE, FLASH LINK MOBILE APP**
 Smartphone *Android* or *iOS* with Internet connection (*provider charges may apply*).
 1x

MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.


STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION
	OEM Remote Stand Alone Remote Starter:	D1.10 	By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE,VERROUILLE,VERROUILLE
		D1.1 	
	Program bypass option with oem remote:	C1	OEM Remote Monitoring
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit


REMOTE STARTER FUNCTIONALITY



All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.




The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED


x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package **RSPB**, Sold separately.

WARNING



REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION

Parts required (Not included) PAGE

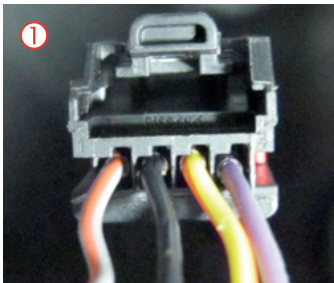
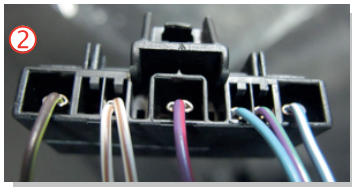
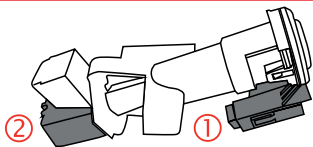
WIRE TO WIRE DIAGRAM

AUTOMATIC TRANSMISSION	1x 7.5 Amp. fuse 1x 10 Amp. fuse 2x 1Amp. Diodes 2x 1Amp. Diodes (with OEM alarm) 1x Relais (Parking lights)	Page 4
------------------------	--	--------

THARNNESS DIAGRAM

THARNNESS THAR-FORD4	AUTOMATIC TRANSMISSION	1x THAR-FOR4 1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm) 1x Relais (Parking lights)	Page 5
THARNNESS THAR-FORD1	AUTOMATIC TRANSMISSION	1x THAR-FOR1 1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm) 1x Relais (Parking lights)	Page 6

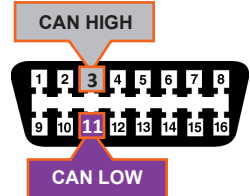
① ② Ignition barrel



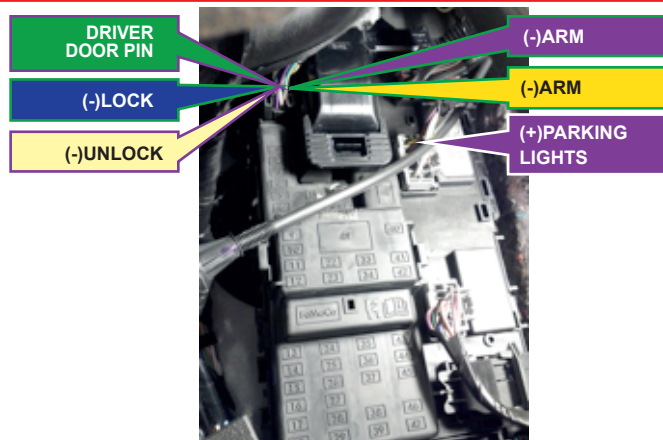
RX and TX of the module



③ OBD-II connector



④ BCM Driver side dash board



FLEX

T-HARNNESS: 12V BATTERY

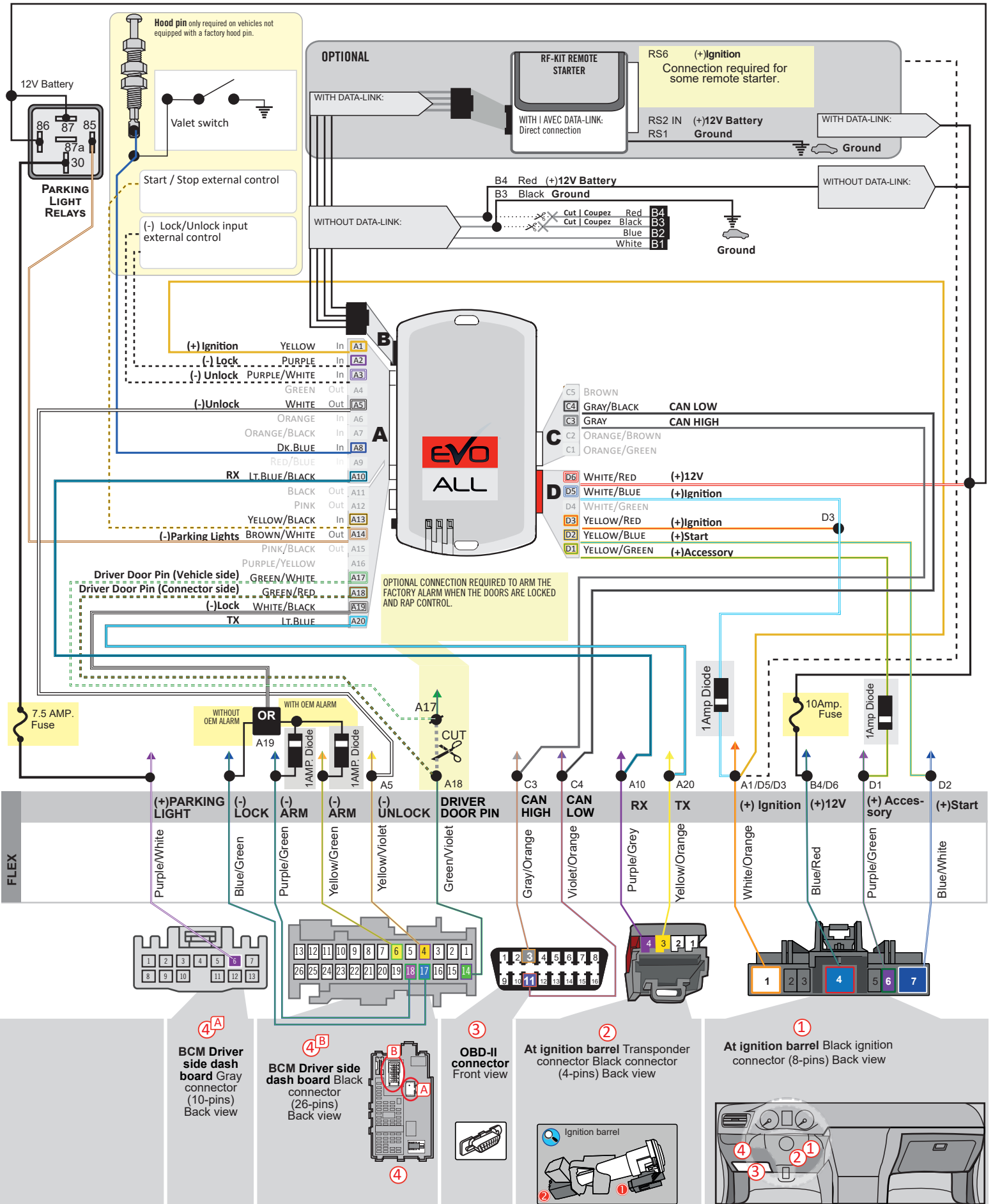


ATTENTION THE T-HARNNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

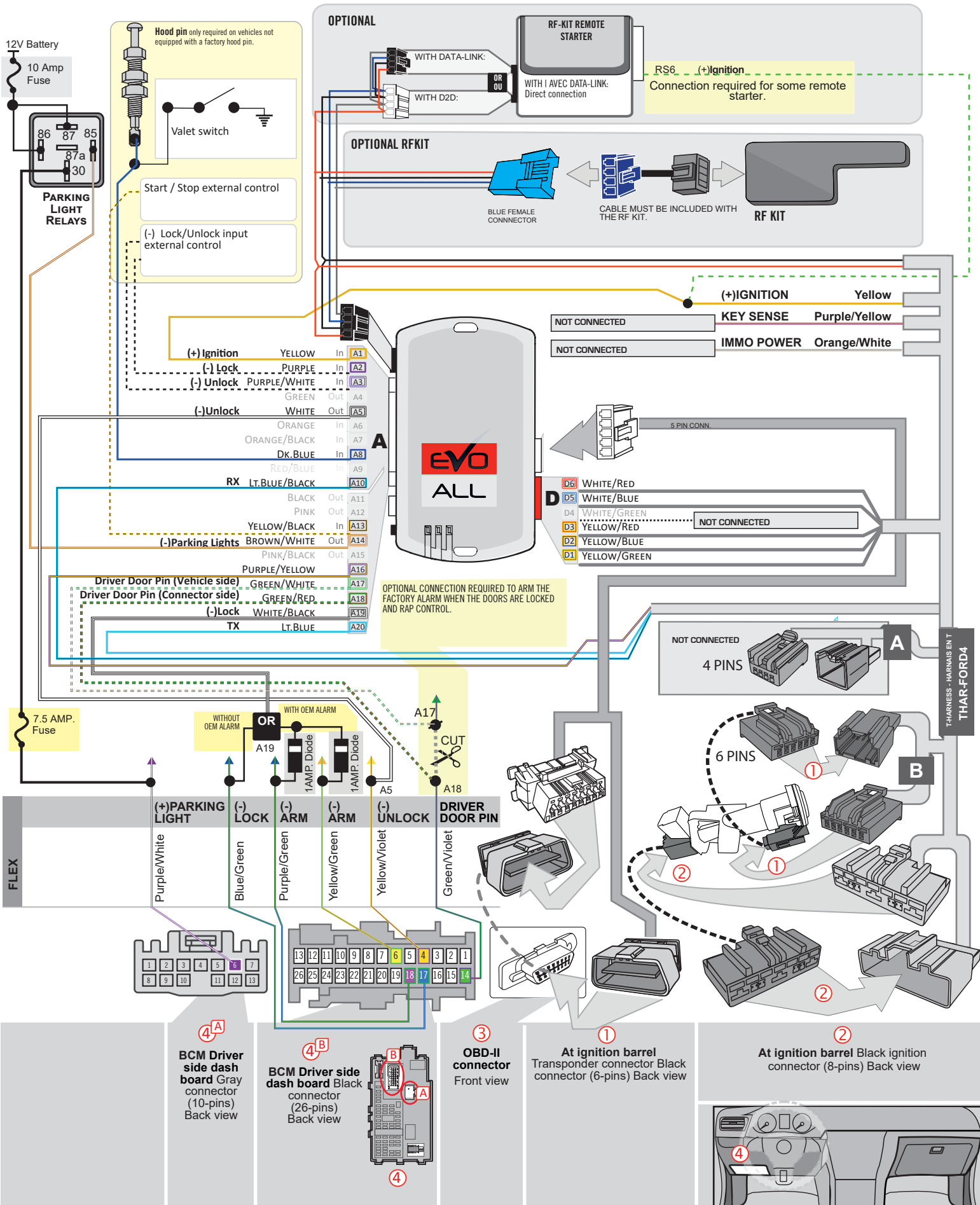
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

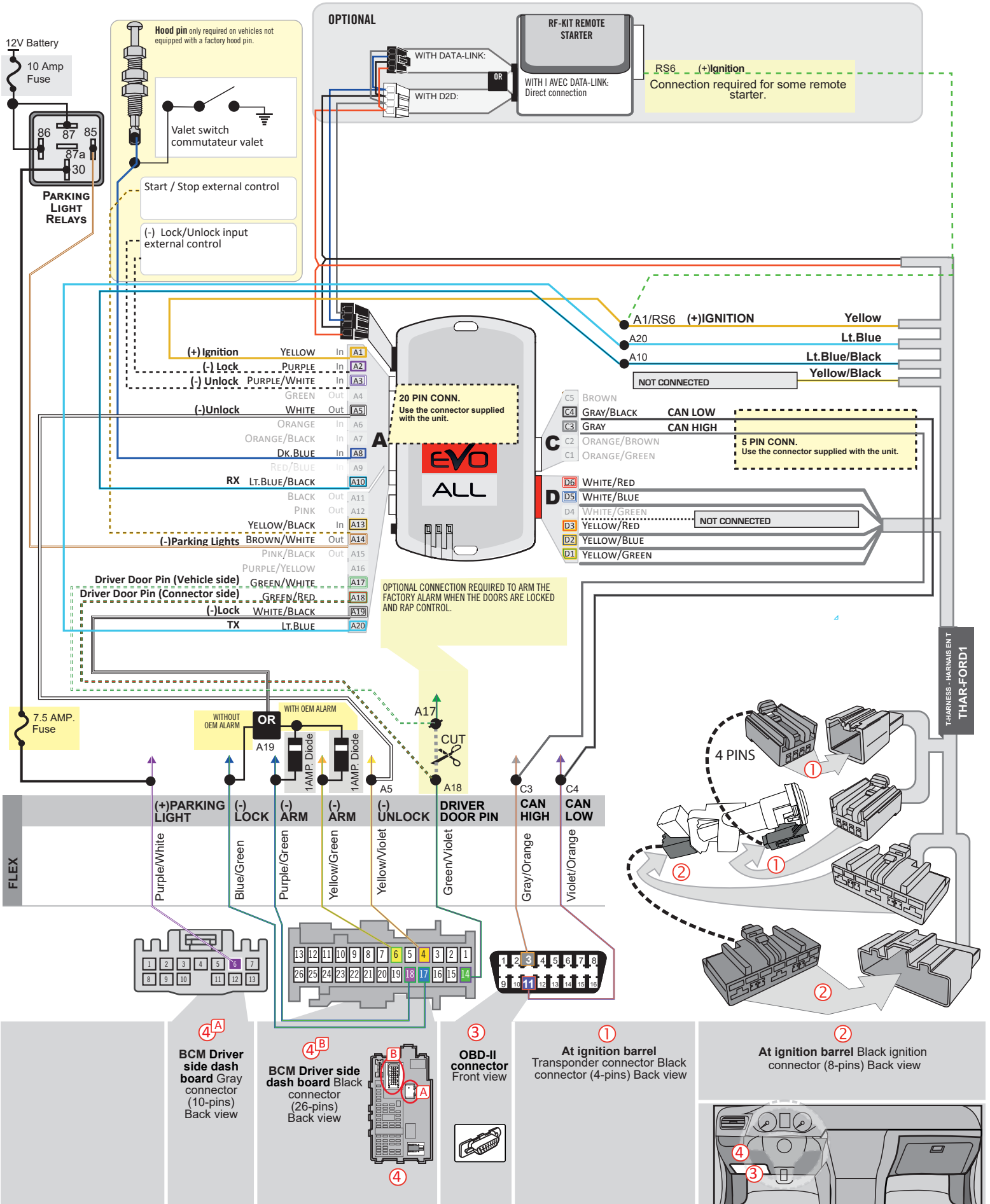
AUTOMATIC TRANSMISSION WIRING CONNECTION



THAR-FOR4 - AUTOMATIC TRANSMISSION




THAR-FOR1 - AUTOMATIC TRANSMISSION




KEY BYPASS PROGRAMMING PROCEDURE 1/2

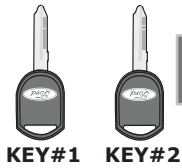
Choose between :



2 key programming.

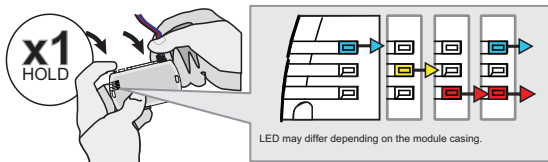


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

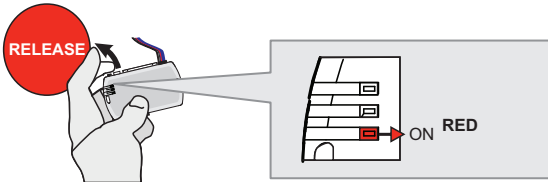
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

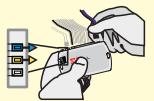
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

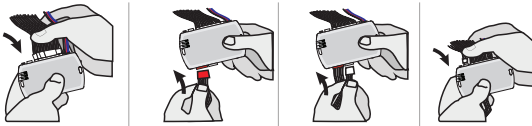


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

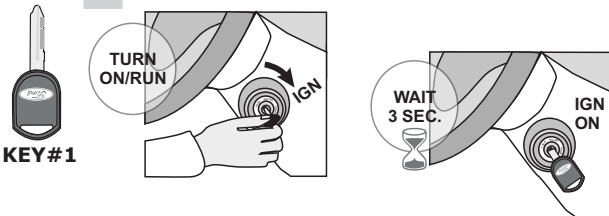


3



Insert the required remaining connectors.

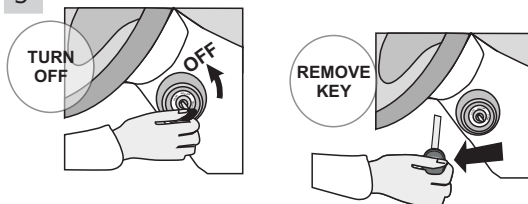
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

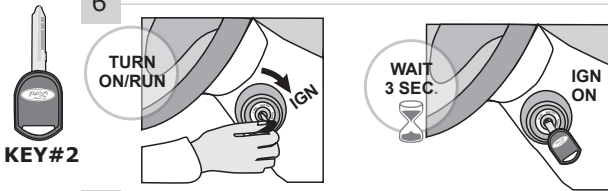
5



Turn the key to the OFF position.

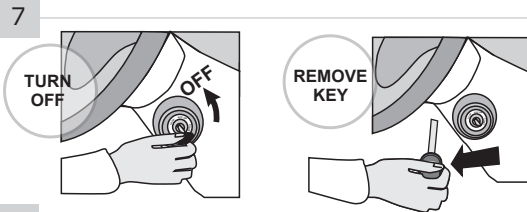
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

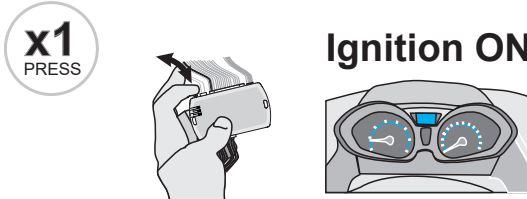


Turn the key to the OFF position.

Remove the second key.

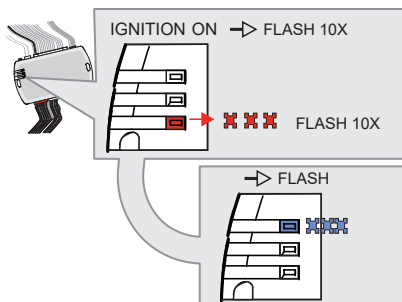
8

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.



Press and release the programming button.

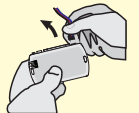
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

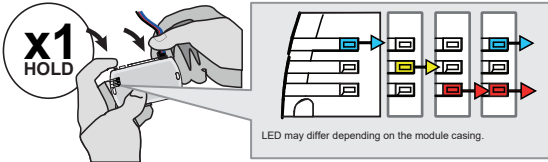
- 1x FLASH LINK UPDATER, SOFTWARE
- 1x FLASH LINK MANAGER SOFTWARE
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x FLASH LINK MOBILE
- 1x FLASH LINK MOBILE APP
- Smartphone Android or iOS with Internet connection (Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

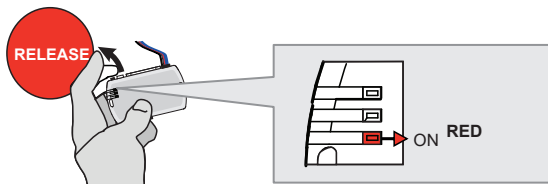
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

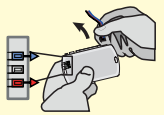
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

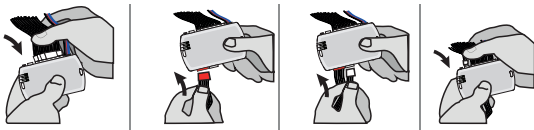


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

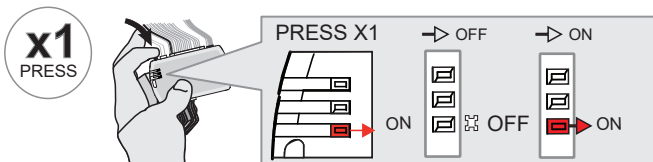


3



Insert the required remaining connectors.

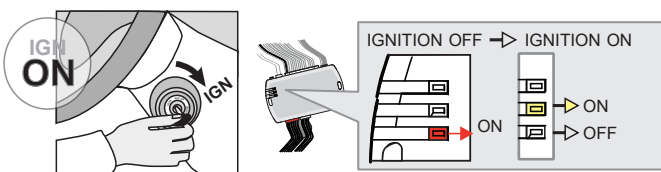
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



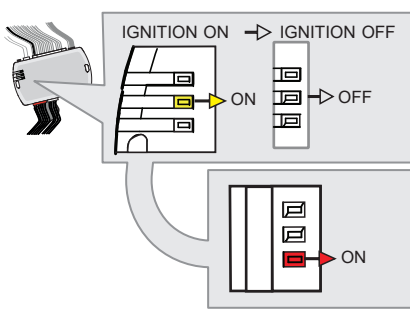
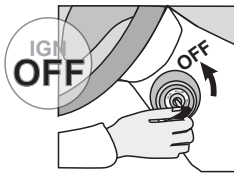
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

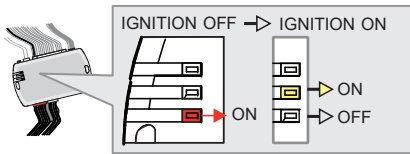
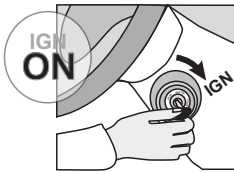
6



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

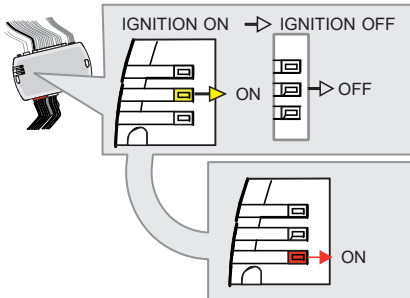
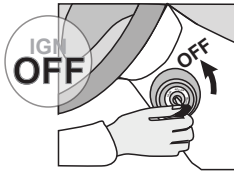
↳The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳The RED LED will turn OFF.
↳The YELLOW LED will turn on.

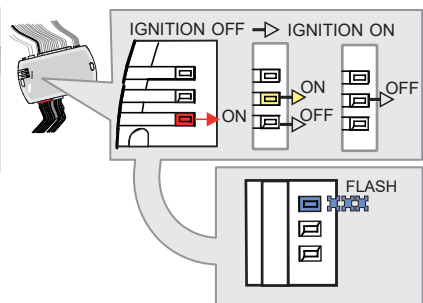
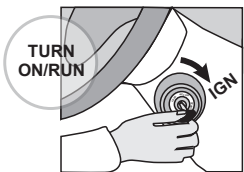
8



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

↳The RED LED will turn on.

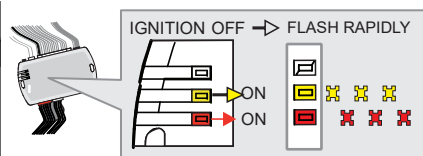
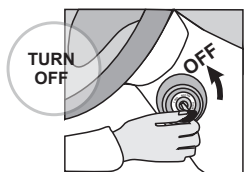
9



Turn the key to the Ignition ON/RUN position.
↳The YELLOW LED will turn on and off.
↳The RED LED will turn OFF.

↳WAIT, the BLUE LED to flash rapidly.

10

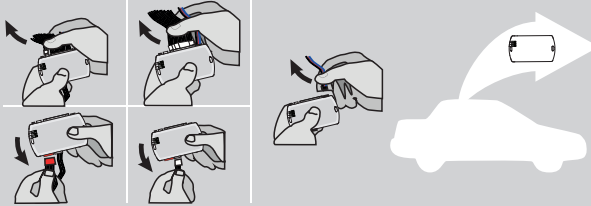


Turn the key to the OFF position.

↳The RED and YELLOW LEDs will alternate.

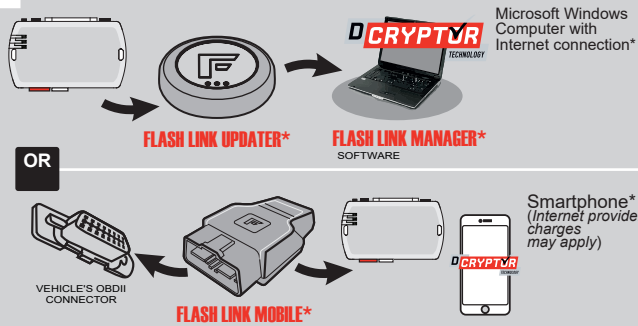
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



Disconnect all the connectors and after the Data-Link (4-pins) connector.

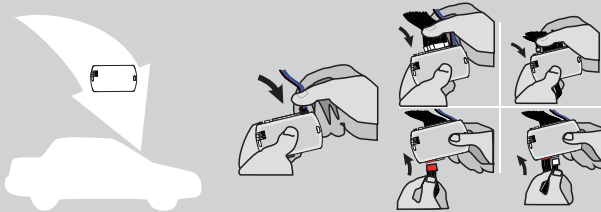
12



Use the tool: FLASH LINK UPDATER or FLASH LINK MOBILE to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED Go back to the vehicle and reconnect the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 STTHAR-FOR1 STANDALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)														
		Immobilizer bypass	T-Harness available (sold separately)	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD																
Flex	80-bits (SA KEY) 2013-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

UNIT OPTION	DESCRIPTION	
	A5	ON
OFF		AUX.1 without OEM
C1	OEM Remote status (Lock/Unlock) monitoring	
A11	OFF	Hood trigger (Output Status).

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL WITH HOOD PIN:

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

PARTS REQUIRED (NOT INCLUDED)


1x **FLASH LINK UPDATER,**
 1x **FLASH LINK MANAGER**
 SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

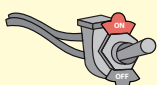
1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
 Smartphone *Android* or *iOS* with Internet connection (*provider charges may apply*).

MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.


STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION
	OEM Remote Stand Alone Remote Starter:	D1.10 	By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE,VERROUILLE,VERROUILLE
		D1.1 	
	Program bypass option with oem remote:	C1	OEM Remote Monitoring
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit


REMOTE STARTER FUNCTIONALITY



All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.




START

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED


x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package **RSPB**, Sold separately.

WARNING



REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION

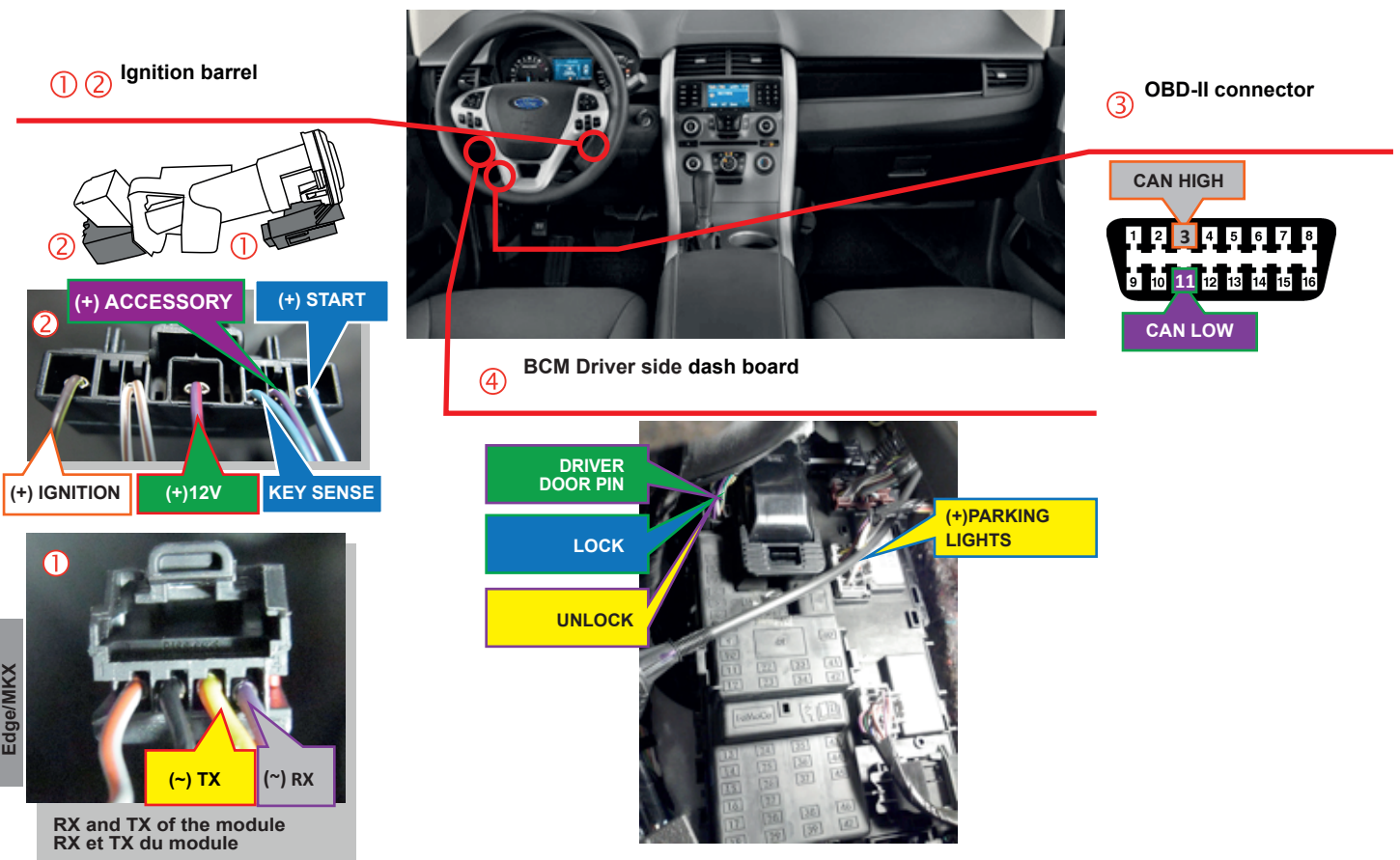
Parts required (Not included) PAGE

WIRE TO WIRE DIAGRAM

	1x 7.5 Amp. fuse 3x 1Amp.Diode	Page 4
--	-----------------------------------	--------

THARNNESS DIAGRAM

THARNNESS THAR-FORD4	1x THAR-FOR4 1x 7.5 Amp. fuse	Page 5
THARNNESS THAR-FORD1	1x THAR-FOR1 1x 7.5 Amp. fuse 1x 1Amp. Diode	Page 6



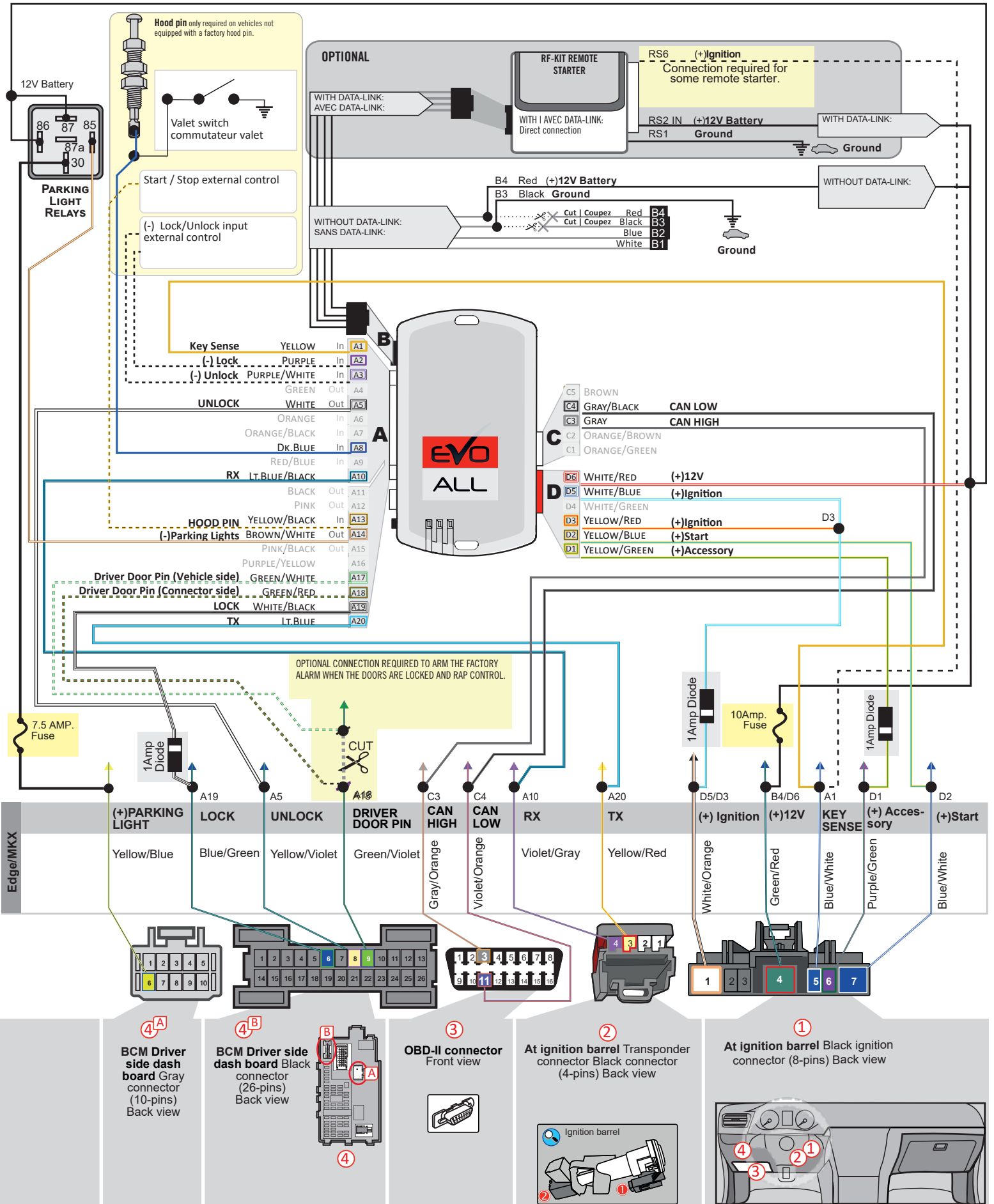
T-HARNNESS: 12V BATTERY

ATTENTION THE T-HARNNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

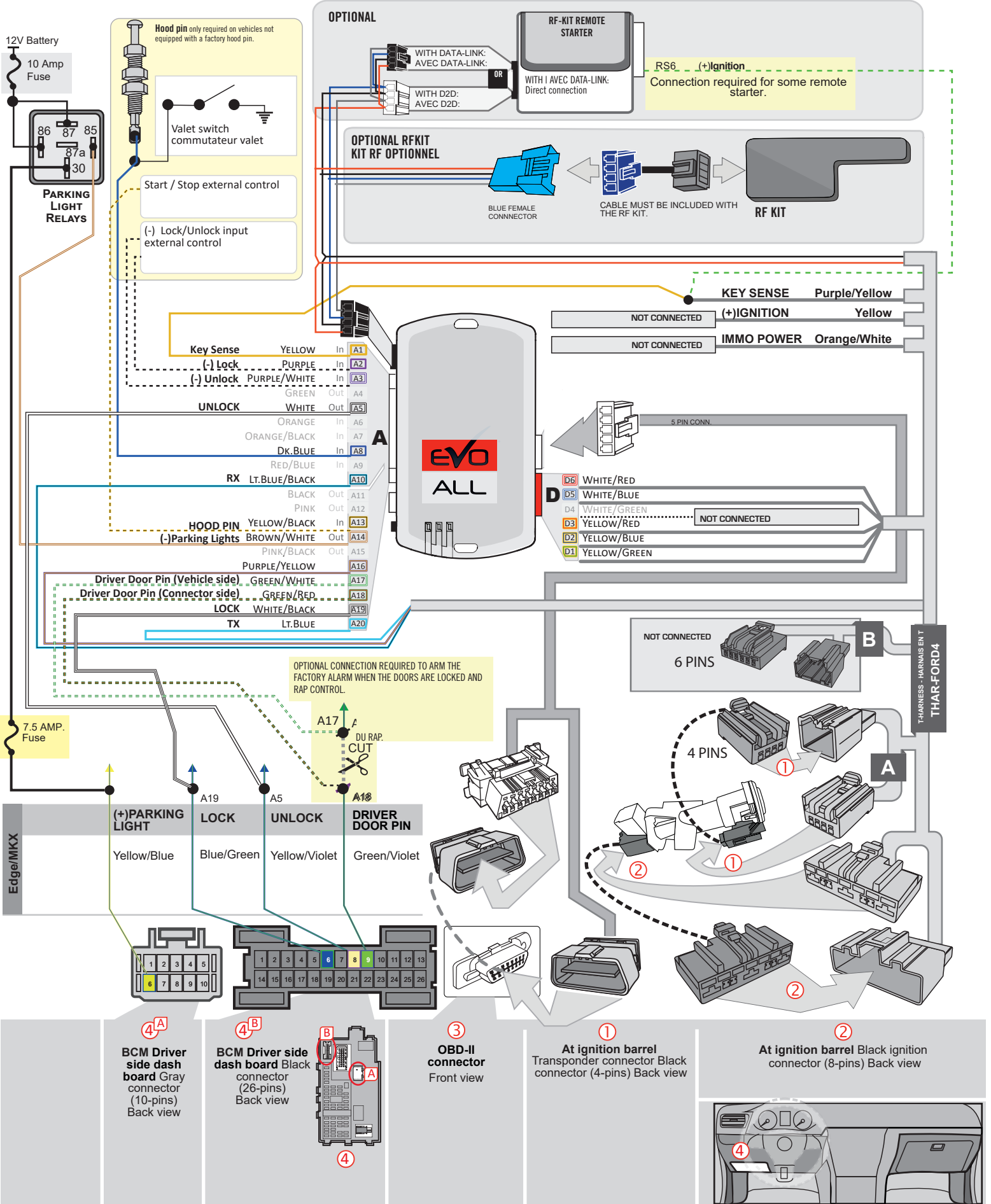
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

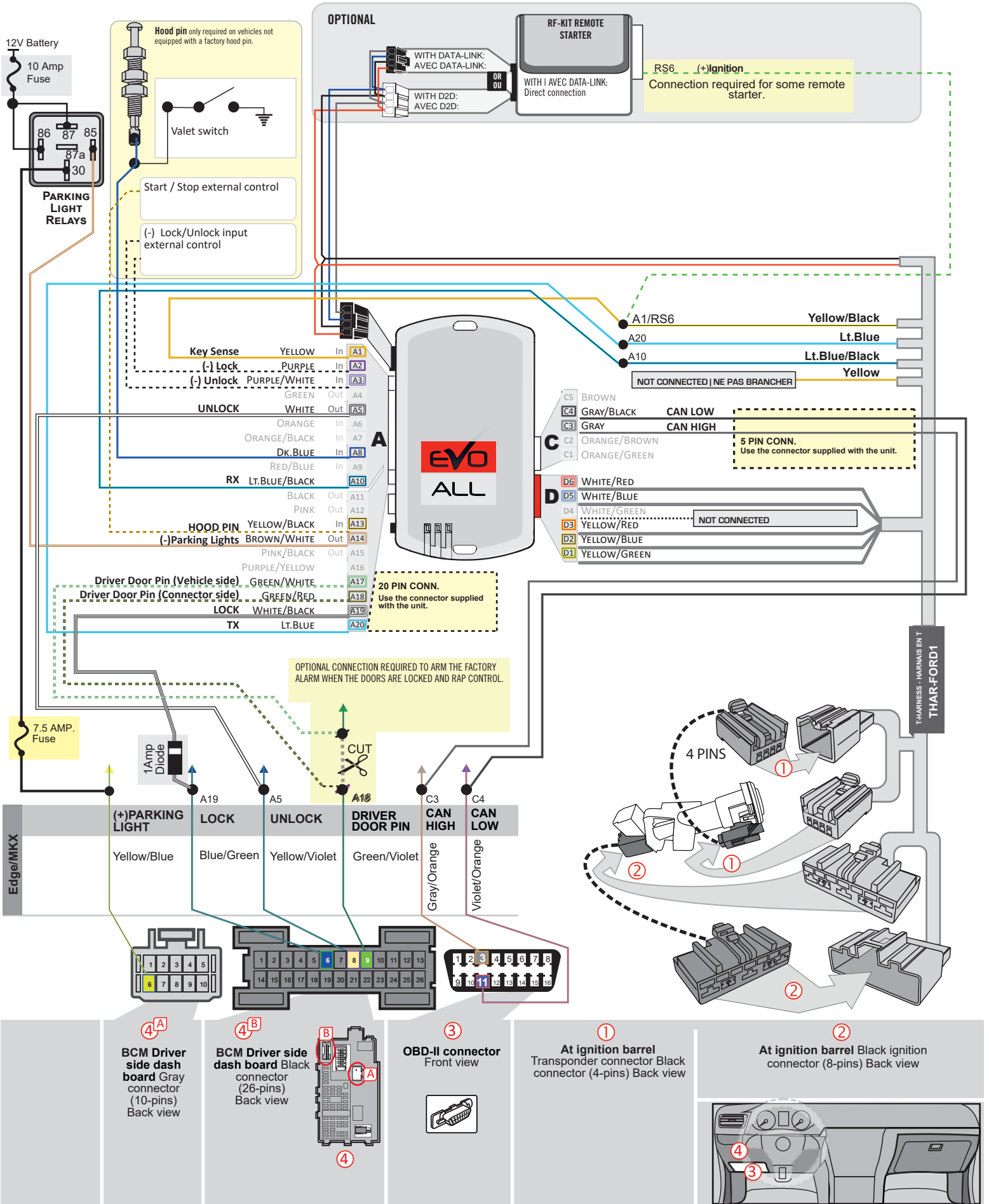
AUTOMATIC TRANSMISSION WIRING CONNECTION



THAR-FOR4 - AUTOMATIC TRANSMISSION

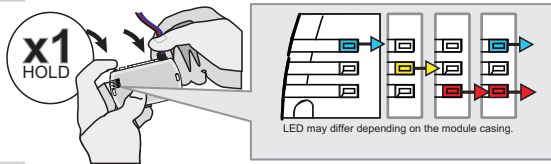


THAR-FOR1 - AUTOMATIC TRANSMISSION



KEY BYPASS PROGRAMMING PROCEDURE 1/2

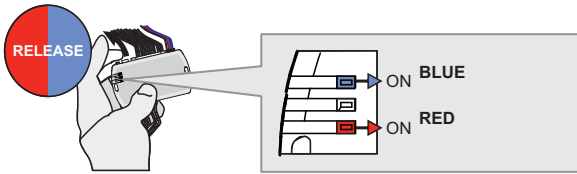
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

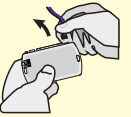
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

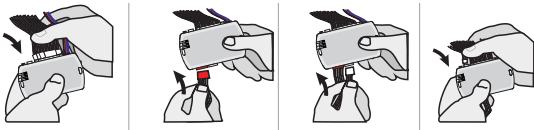


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 4-Pin connector (Data-Link) and go back to step 7.

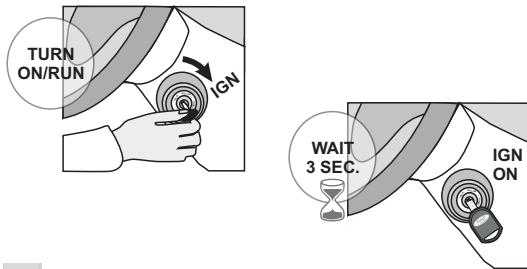


3



Insert the required remaining connectors.

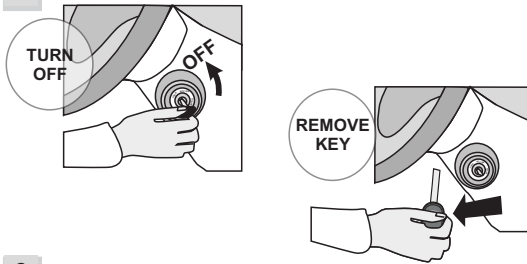
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

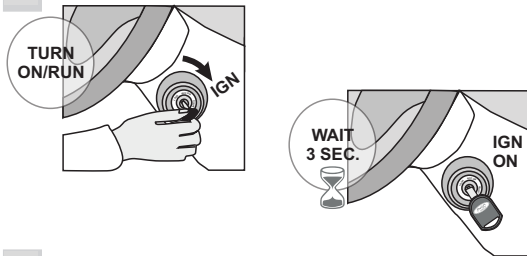
5



Turn the key to the OFF position.

and **remove** the first key.

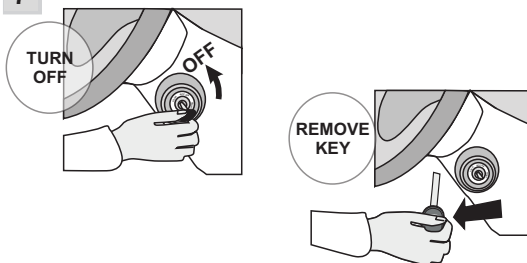
6



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

7



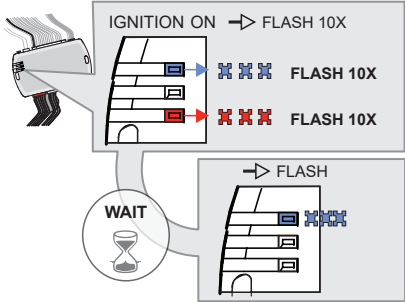
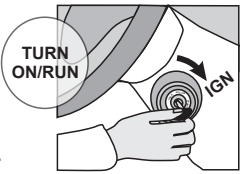
Turn the key to the OFF position.

KEY BYPASS PROGRAMMING PROCEDURE 2/2

8



KEY #1



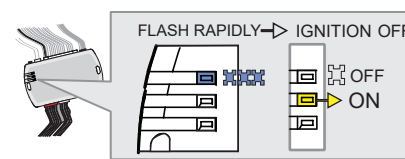
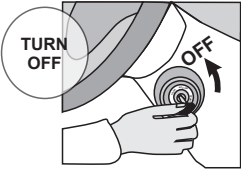
Turn the key to the Ignition ON/RUN position.

↳ The RED AND BLUE LEDs will flash rapidly ten (10) times.
Key bypass programmed.

Wait

↳ The BLUE LED will flash rapidly.
CAN-Bus programmed.

9



Turn the Ignition to the OFF position.

↳ The BLUE LED will turn off.
↳ The YELLOW LED will turn on.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 STANDALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)													
		Immobilizer bypass	T-Harness available (sold separately)	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Tachometer	Door Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD															
F150	80-bits (SA KEY)	2011-2014	•	•	•	•	•	•	•	•	•	•	•	•	•
F250	80-bits (SA KEY)	2011-2016	•	•	•	•	•	•	•	•	•	•	•	•	•
F350	80-bits (SA KEY)	2011-2016	•	•	•	•	•	•	•	•	•	•	•	•	•
F450	80-bits (SA KEY)	2011-2016	•	•	•	•	•	•	•	•	•	•	•	•	•
F550	80-bits (SA KEY)	2011-2016	•	•	•	•	•	•	•	•	•	•	•	•	•
F650	80-bits (SA KEY)	2011-2019	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

	UNIT OPTION	DESCRIPTION	
		A5	ON
		OFF	AUX.1 without OEM alarm
	C1	OEM Remote status (Lock/Unlock) monitoring	
A11	OFF	Hood trigger (Output Status).	

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

PARTS REQUIRED (NOT INCLUDED)


1x **FLASH LINK UPDATER,**
 1x **FLASH LINK MANAGER**
 SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

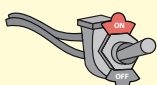
1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
 Smartphone *Android* or *iOS* with Internet connection (*provider charges may apply*).

MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.


STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION
	OEM Remote Stand Alone Remote Starter:	D1.10 	By default, LOCK, LOCK, LOCK
		D1.1 	Par défaut, VERROUILLE,VERROUILLE,VERROUILLE
	Program bypass option with oem remote:	C1	OEM Remote Monitoring
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit


REMOTE STARTER FUNCTIONALITY



All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.




The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED


x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package **RSPB**, Sold separately.

WARNING



REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION

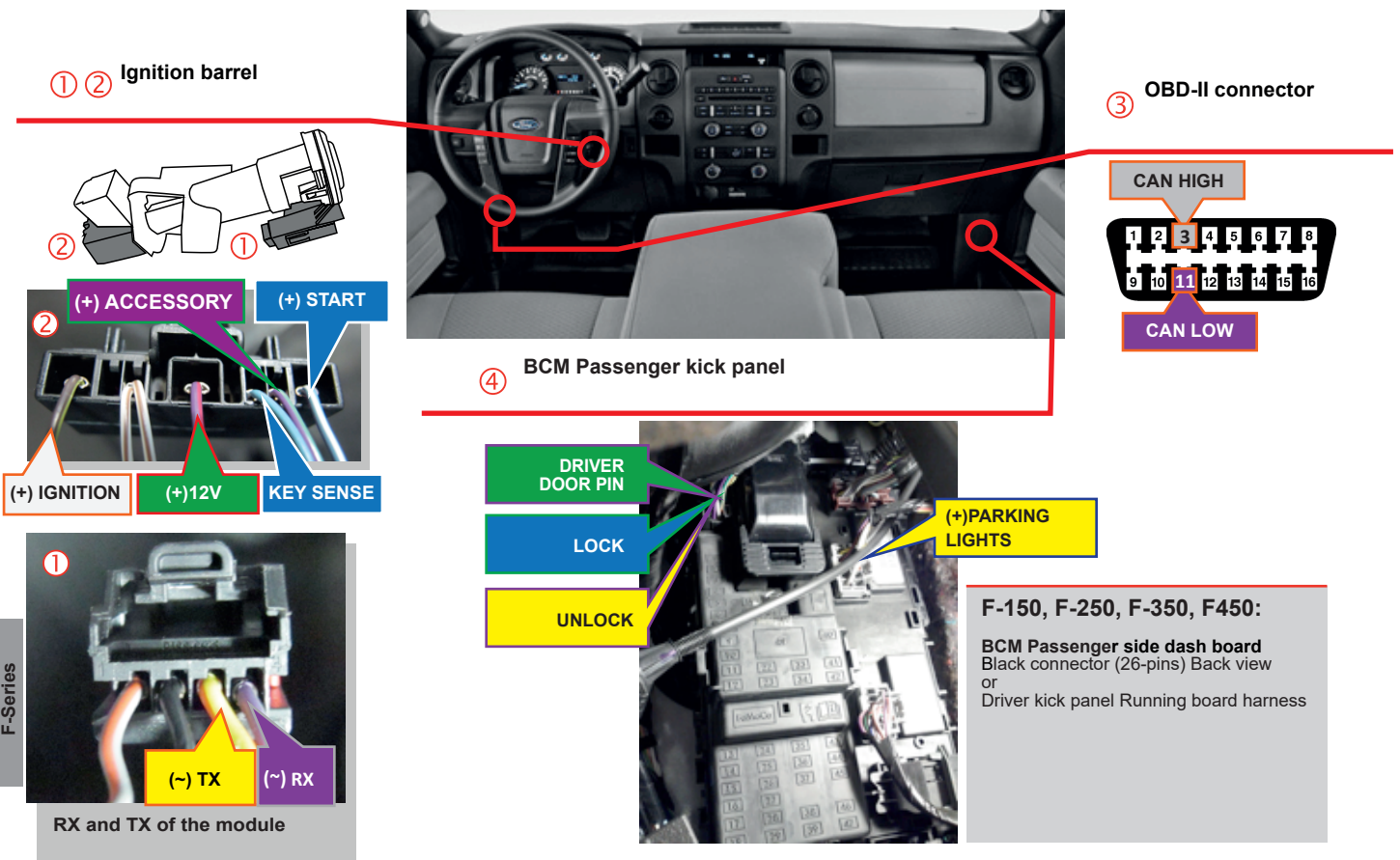
Parts required (Not included) PAGE

WIRE TO WIRE DIAGRAM

	1x 7.5 Amp. fuse 3x 1Amp. Diode	Page 4
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THARNESS DIAGRAM

THARNESS THAR-FORD4	1x THAR-FOR4 1x 7.5 Amp. Diode	Page 5
THARNESS THAR-FORD1	1x THAR-FOR1 1x 7.5 Amp. fuse 1x 1Amp. Diode	Page 6



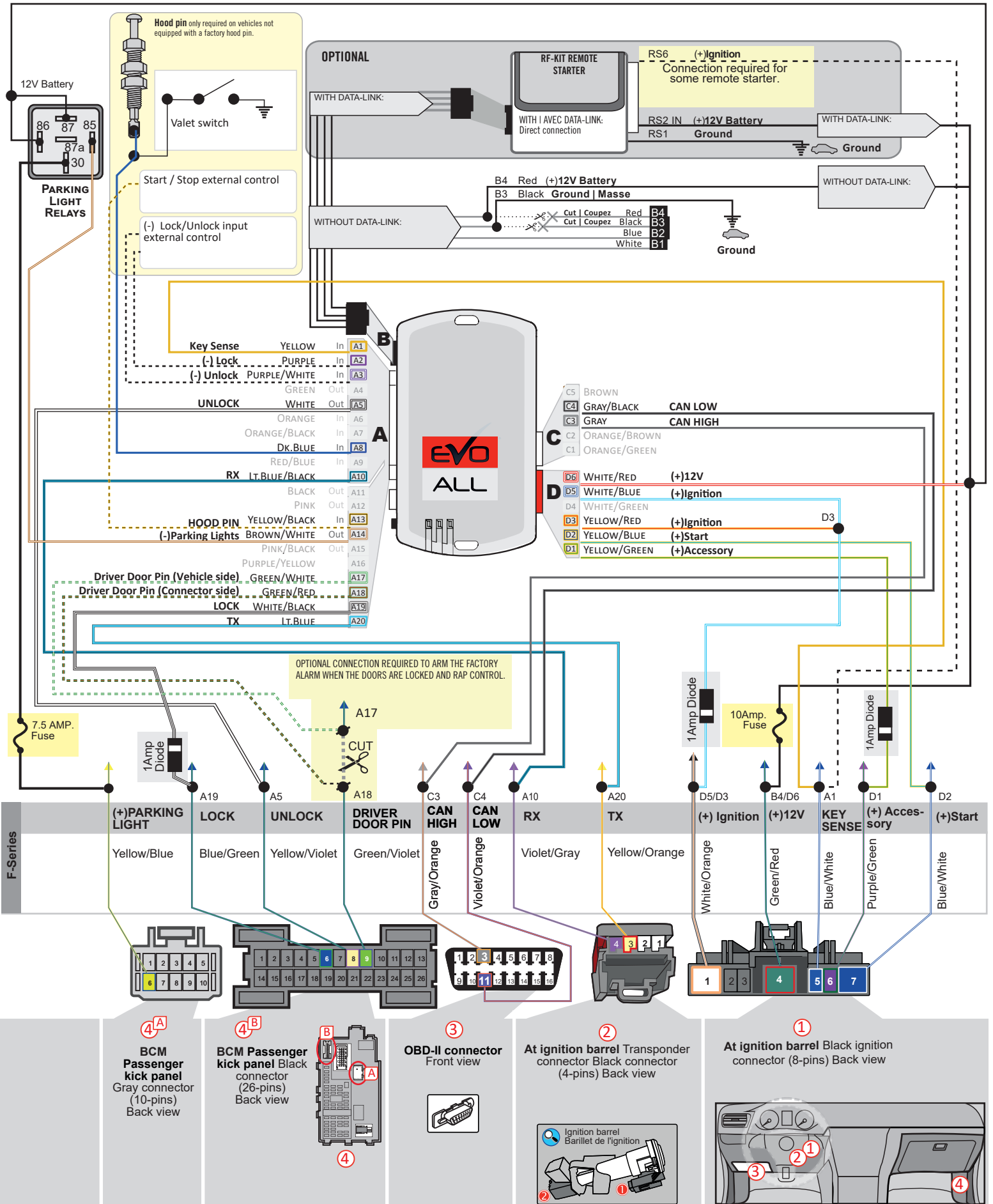
T-HARNNESS: 12V BATTERY

ATTENTION THE T-HARNNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

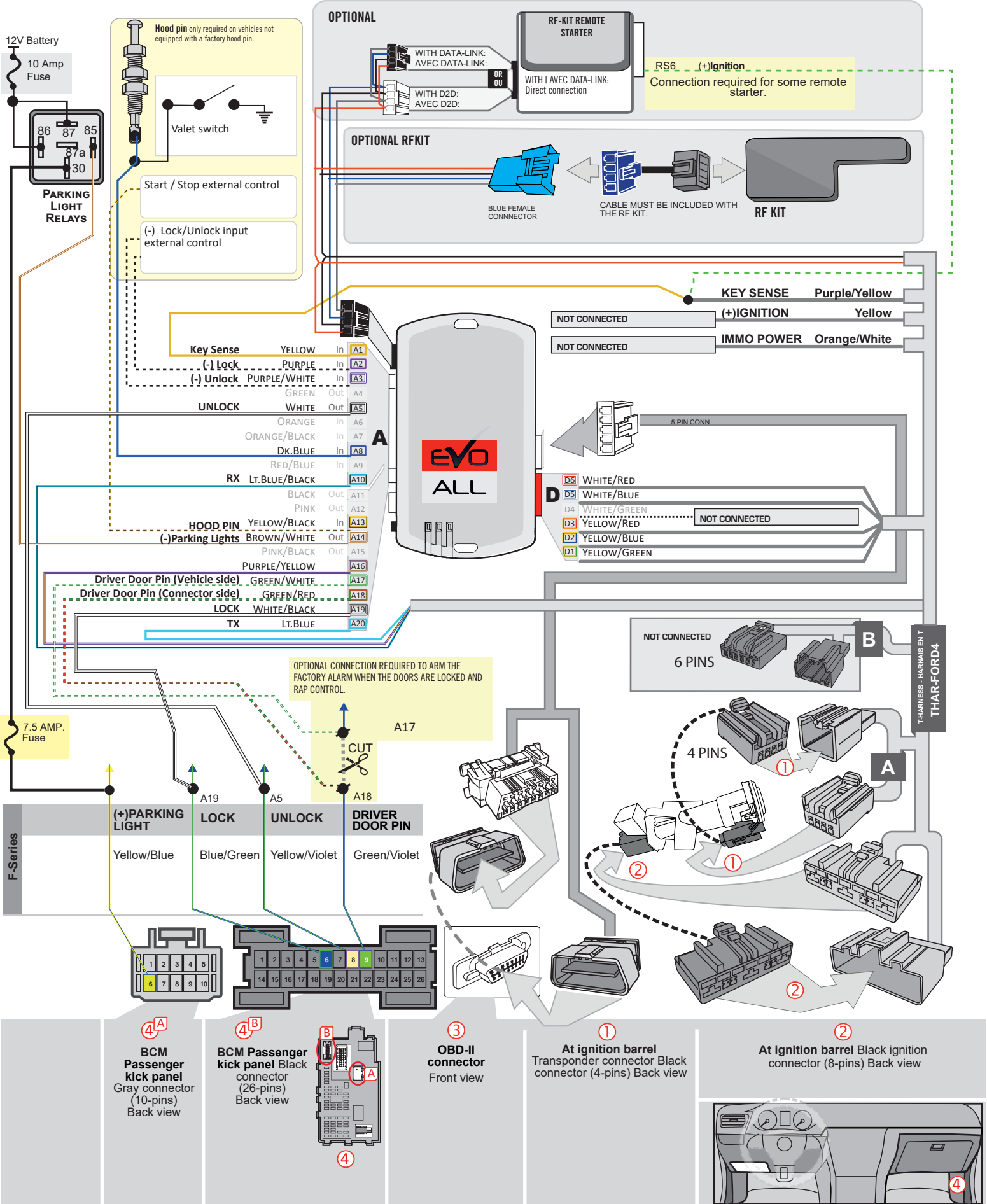
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

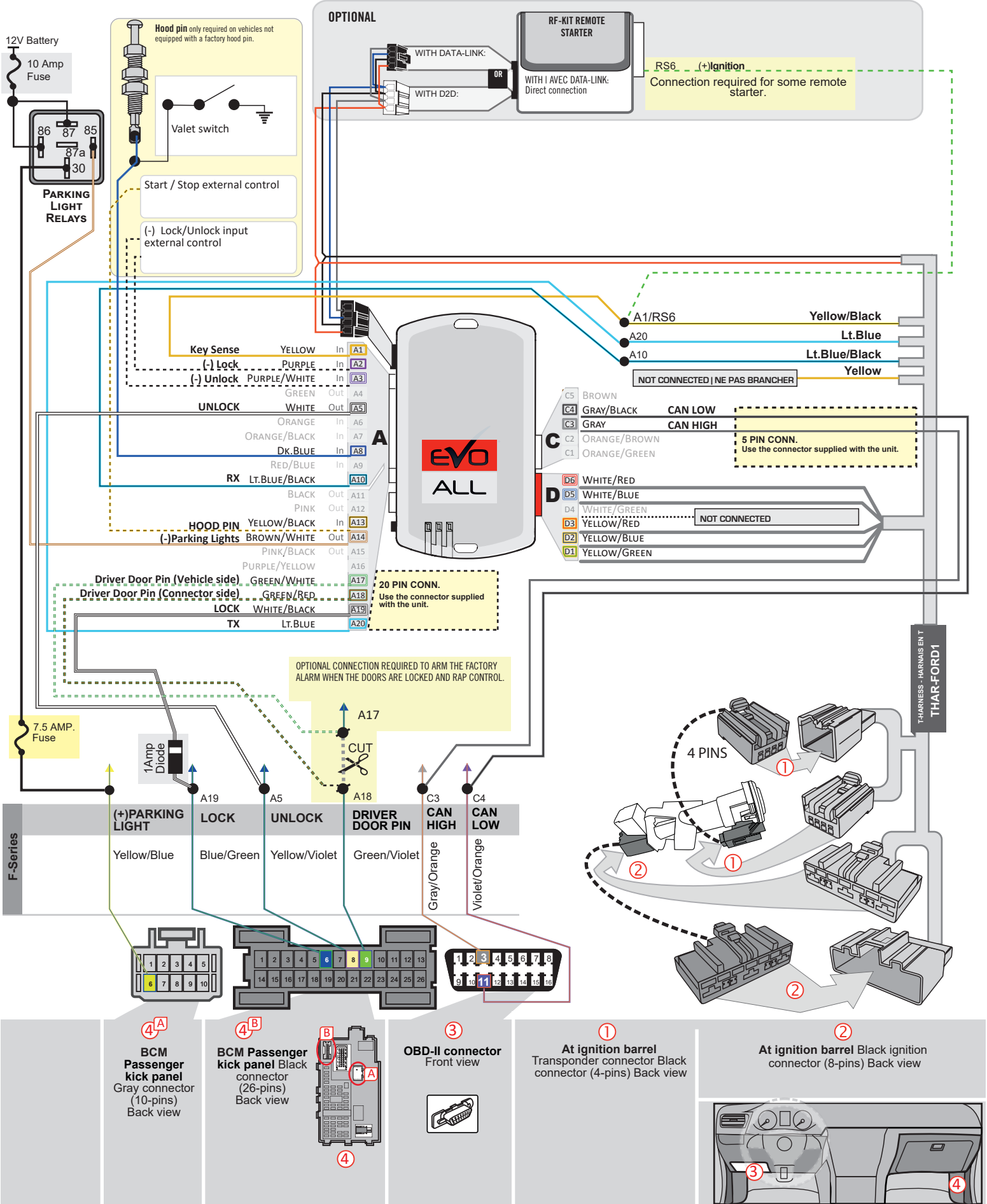
AUTOMATIC TRANSMISSION WIRING CONNECTION



THAR-FOR4 - AUTOMATIC TRANSMISSION

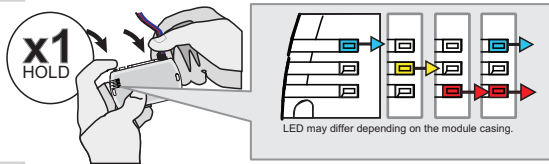


THAR-FOR1 - AUTOMATIC TRANSMISSION



KEY BYPASS PROGRAMMING PROCEDURE 1/2

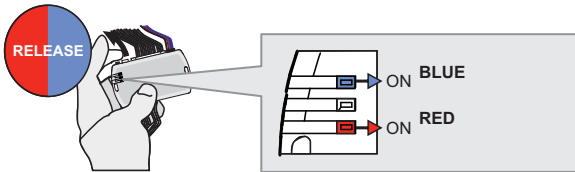
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

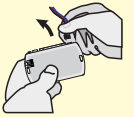
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

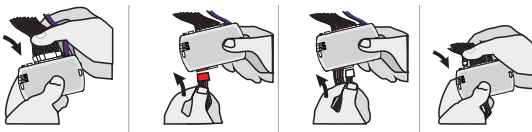


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 4-Pin connector (Data-Link) and go back to step 7.

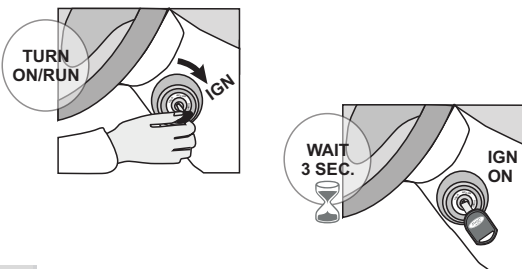


3



Insert the required remaining connectors.

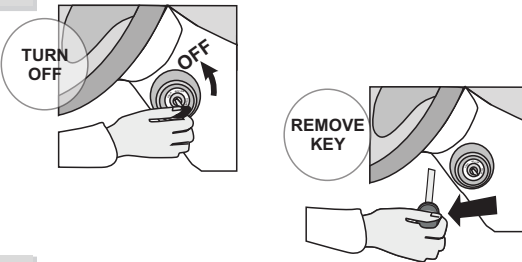
4



Turn the first functional key to the Ignition ON/RUN position.

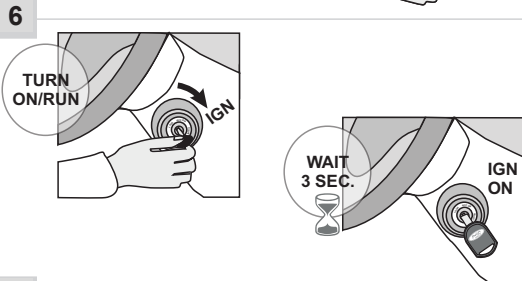
Wait 3 seconds.

5



Turn the key to the OFF position.

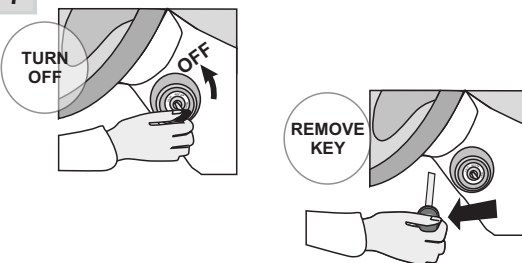
and **remove** the first key.



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

7

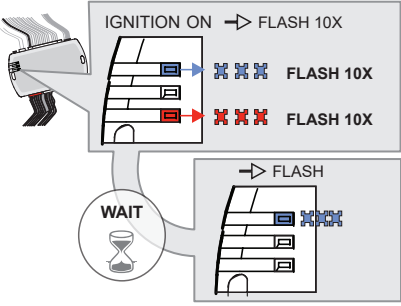


Turn the key to the OFF position.

and **remove** the second key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2

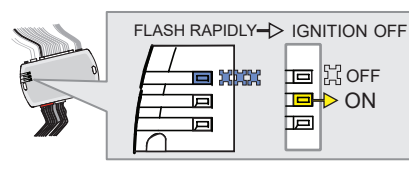
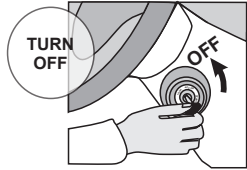
8




Turn the key to the Ignition ON/RUN position.
 ↳ The RED AND BLUE LEDs will flash rapidly ten (10) times.
 Key bypass programmed.

Wait
 ↳ The BLUE LED will flash rapidly.
 CAN-Bus programmed.

9



Turn the Ignition to the OFF position.
 ↳ The BLUE LED will turn off.
 ↳ The YELLOW LED will turn on.




The module is now programmed.







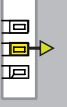

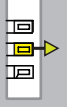
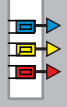


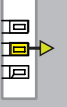

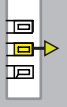
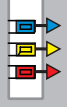


Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

OPTIONAL RF-KIT PROGRAMMING

PROGRAM BYPASS OPTION

	<p>Program bypass option:</p>	<p>H2</p>	<p><input checked="" type="checkbox"/> Supported RF-KITS enable <input checked="" type="checkbox"/> H2 Fortin 2</p>
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OPTIONAL FORTIN RF KIT SERIES 4 OR SERIES 9 PROGRAMMING

<p>The module must be programmed on the vehicle.</p>  <p>MAKE SURE THE IGNITION KEY HAS BEEN IN THE OFF POSITION FOR AT LEAST 5 SECONDS.</p>	<p>1</p> <p>ON TURN ON/RUN</p>  <p>Turn the key to the ON/RUN position.</p>	<p>2</p> <p>OFF TURN OFF</p>  <p>Turn the ignition to the OFF position.</p>	<p>3</p> <p>ON TURN ON/RUN</p>  <p>Turn the key to the ON/RUN position.</p>	<p>4</p> <p>4X BRAKES</p> <p>x4 PRESS</p>  <p>Press and release the brake pedal four times.</p>	<p>5</p> <p>ON EACH TRANSMITTER</p> <p>4 BUTTONS</p> <p>[-] PRESS AND RELEASE</p> <p>→ PRESS AND RELEASE</p> <p>1 BUTTON</p> <p>PRESS APPROX. 12 SEC. AND WAIT FOR THE BLUE LED TO TURN OFF THEN BACK ON SOLID THEN RELEASE.</p>	<p>6</p> <p>OFF TURN OFF</p>  <p>Turn the ignition to the OFF position.</p>
	 <p>The YELLOW LED will turn ON solid.</p>	 <p>The YELLOW LED will turn Off.</p>	 <p>The YELLOW LED will turn ON solid.</p>	 <p>The 3 LED will turn ON solid.</p>	 <p>The LED will flash rapidly.</p>	 <p>The 3 LED will turn off.</p>
	 <p>The LED will turn ON solid.</p>	 <p>The LED will flash rapidly.</p>	 <p>The LED will turn off each time.</p>	 <p>The LED will turn off each time.</p>	 <p>The LED will turn off each time.</p>	 <p>The 3 LED will turn off each time.</p>



REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 STTHAR-FOR1 STANDALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

“Vehicle functions supported in this diagram (functional if equipped)”

VEHICLE	YEARS	“Vehicle functions supported in this diagram (functional if equipped)”														
		Immobilizer bypass	T-harness available (Sold separately)	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD																
Fusion	40-bits 2010-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
MAZDA																
Tribute	40-bits 2008-2011	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

	UNIT OPTION	DESCRIPTION	
		A5	ON
		OFF	AUX.1 without OEM
	C1	OEM Remote status (Lock/Unlock) monitoring	
IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	OFF	Hood trigger (Output Status).

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

PARTS REQUIRED (NOT INCLUDED)

1x **FLASH LINK UPDATER**
 1x **FLASH LINK MANAGER**
 SOFTWARE
 1x Microsoft Windows Computer with Internet connection

OR

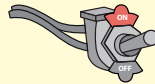
1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
 Smartphone *Android* or *iOS* with Internet connection (*provider charges may apply*).
 1x

MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH



VALET SWITCH

Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.

STAND ALONE CONFIGURATION |

	Program bypass option	UNIT OPTION	DESCRIPTION
	OEM Remote Stand Alone Remote Starter:	D1.10	By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE,VERROUILLE,VERROUILLE
		D1.1	
	Program bypass option with oem remote:	C1	OEM Remote Monitoring
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit

REMOTE STARTER FUNCTIONALITY |

All doors must be closed.

3X

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED

x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package **RSPB**, Sold separately.

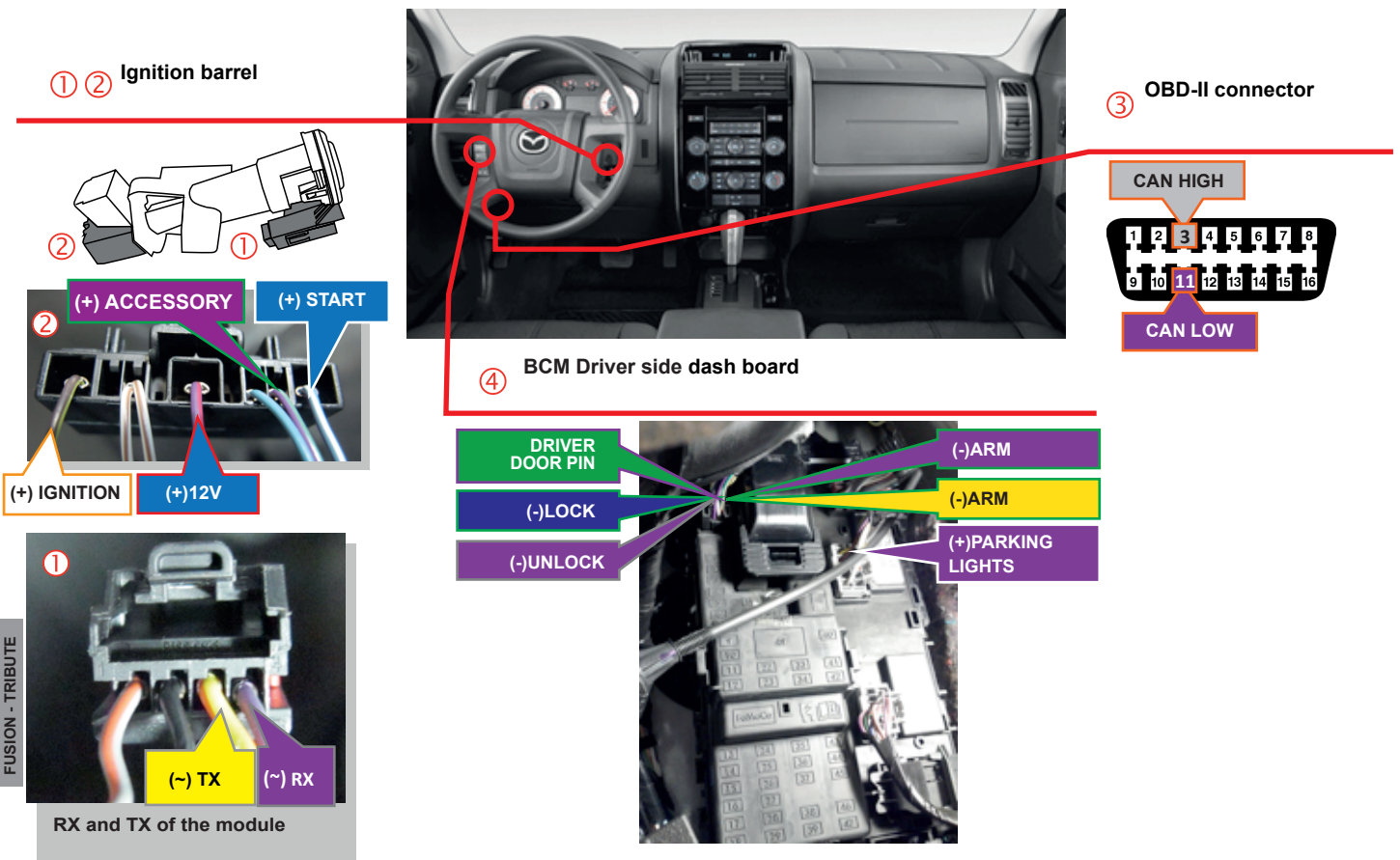
WARNING | ATTENTION

REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION

		Parts required (Not included)	PAGE
WIRE TO WIRE DIAGRAM			
	AUTOMATIC TRANSMISSION	1x 7.5 Amp. fuse 1x 10 Amp. fuse 2x 1Amp. Diodes (with OEM alarm) 2x 1Amp. Diodes 1x Relais (Parking lights)	Page 4
THARNESSE DIAGRAM			
THARNESSE THAR-FORD4	AUTOMATIC TRANSMISSION	1x THAR-FOR4 1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm) 1x Relais (Parking lights)	Page 5
THARNESSE THAR-FORD1	AUTOMATIC TRANSMISSION	1x THAR-FOR1 1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm) 1x Relais (Parking lights)	Page 6



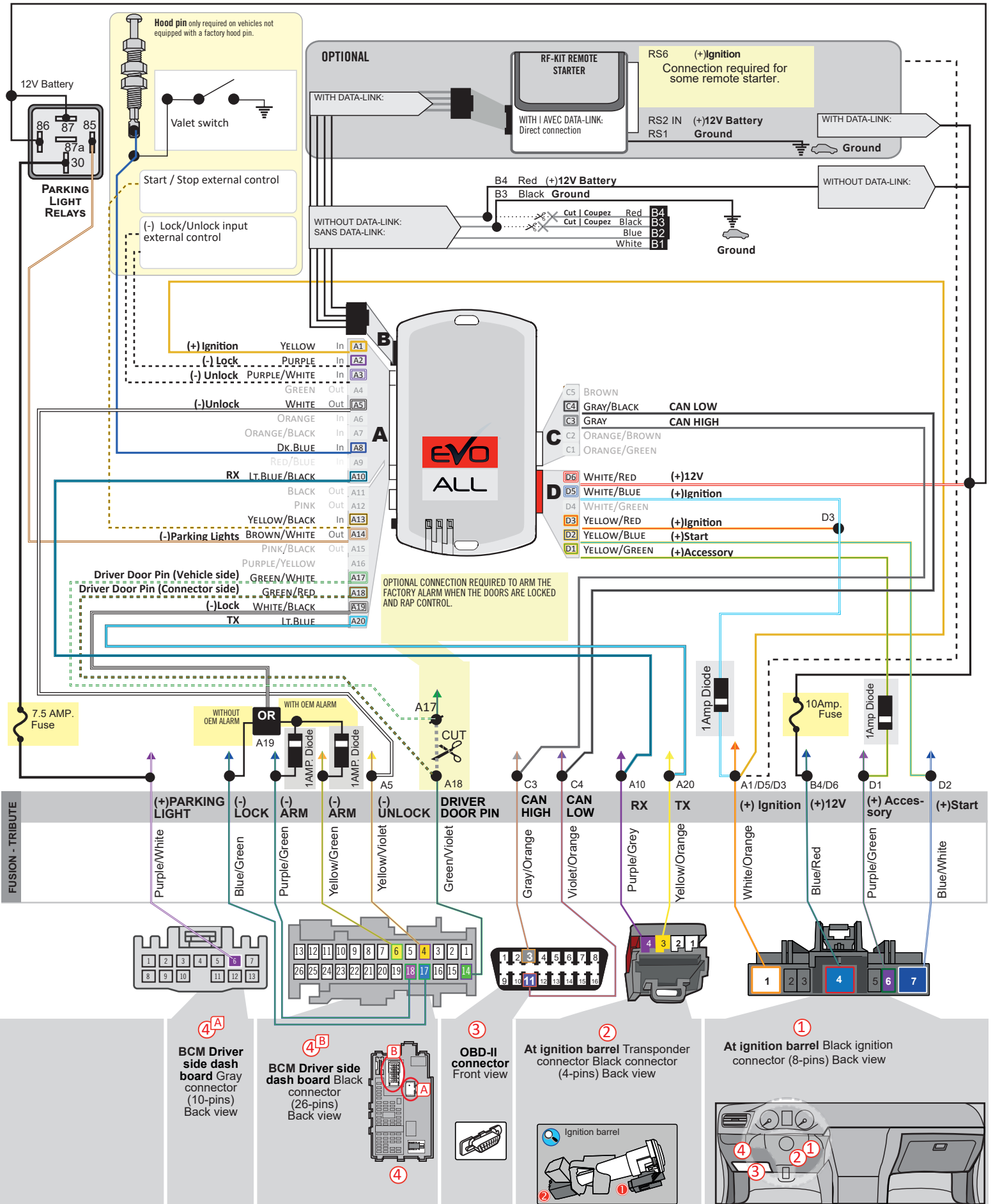
T-HARNESSE: 12V BATTERY

ATTENTION THE T-HARNESSE CURRENT IS LIMITED AT 10 AMP MAXIMUM.

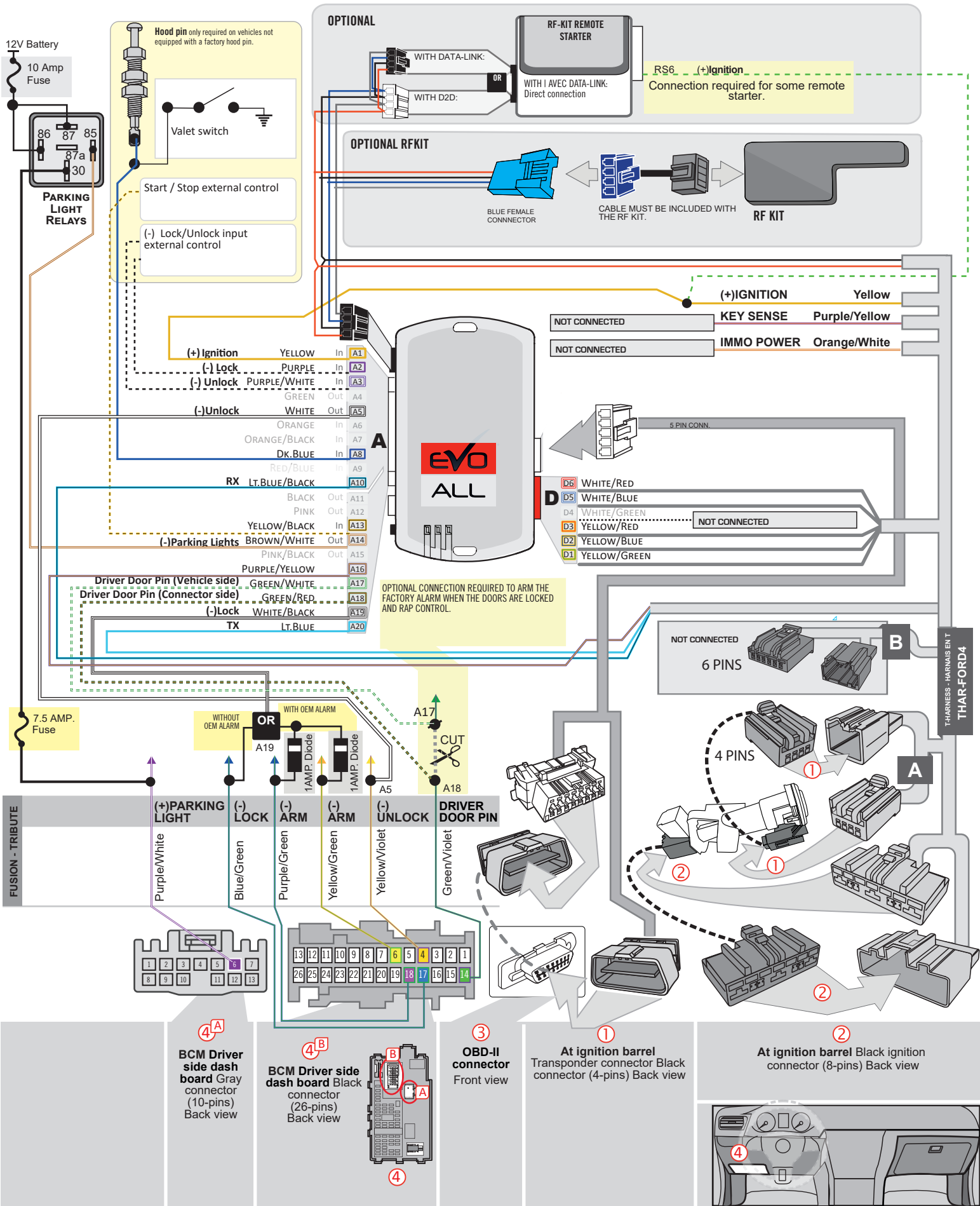
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

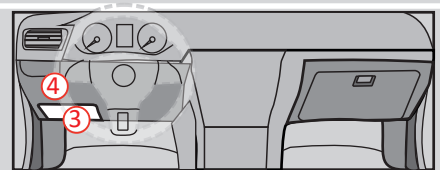
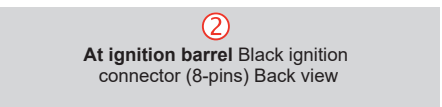
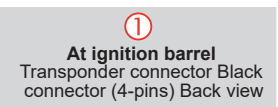
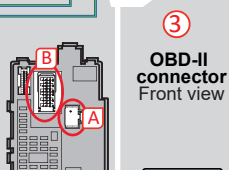
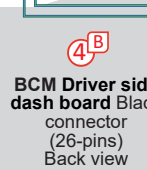
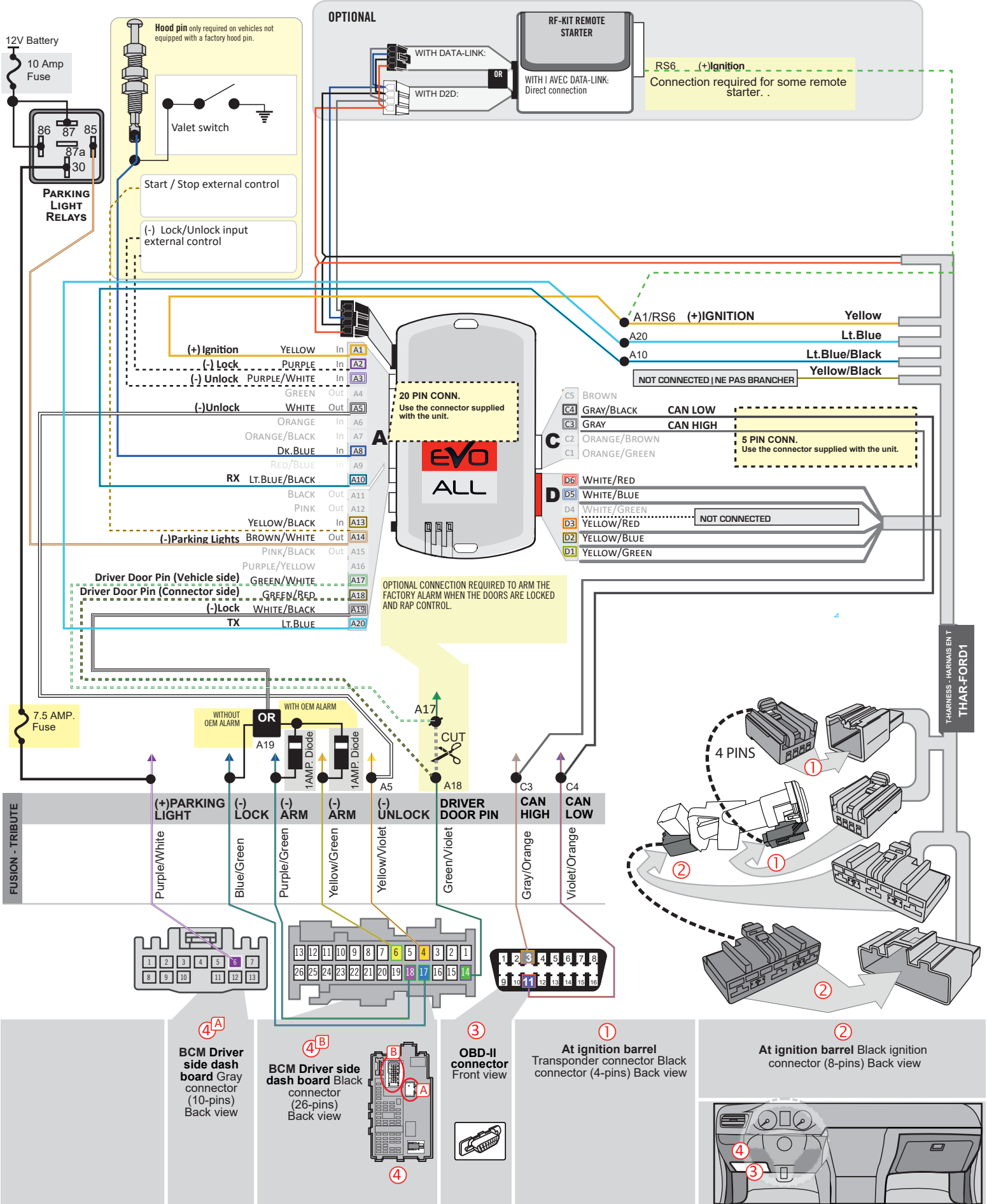
AUTOMATIC TRANSMISSION WIRING CONNECTION



THAR-FOR4 - AUTOMATIC TRANSMISSION




THAR-FOR1 - AUTOMATIC TRANSMISSION




KEY BYPASS PROGRAMMING PROCEDURE 1/2

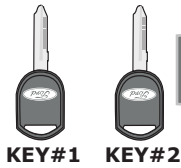
Choose between :



2 key programming.

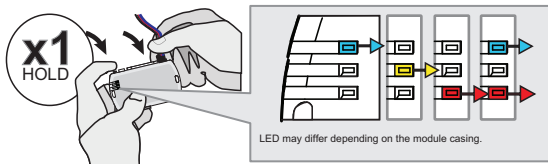


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

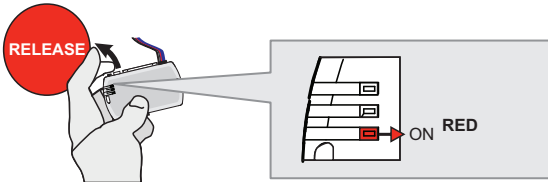
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

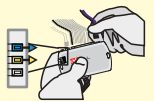
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

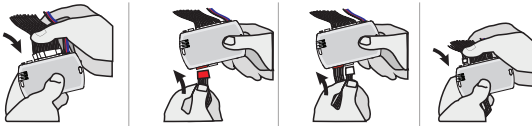


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

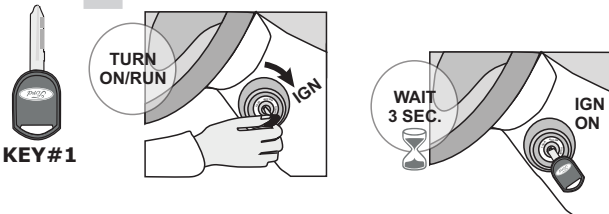


3



Insert the required remaining connectors.

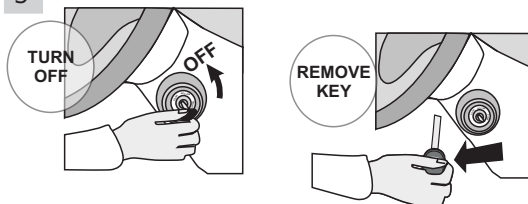
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

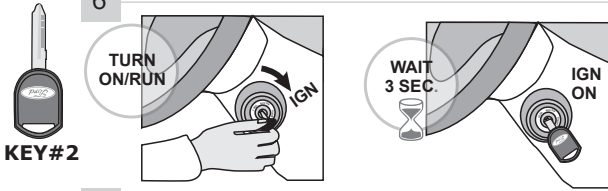
5



Turn the key to the OFF position.

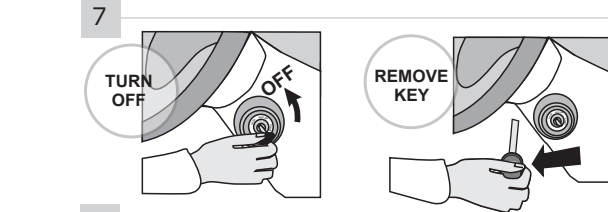
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



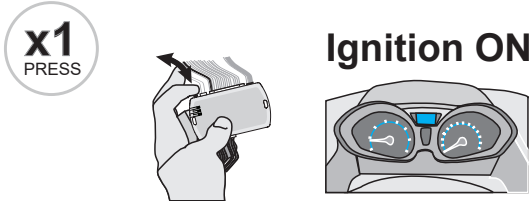
Turn the key to the OFF position.

Remove the second key.

8

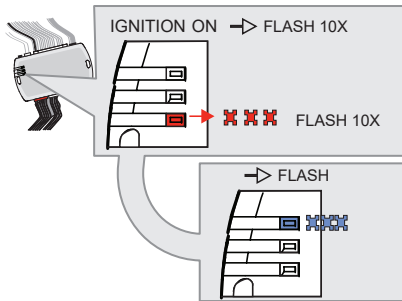
CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.

5 sec. max



Press and release the programming button.

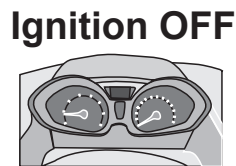
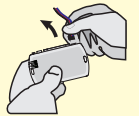
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



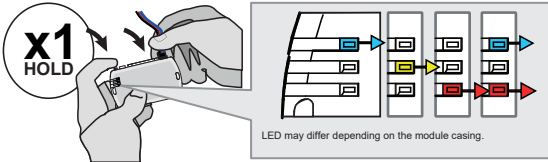
- Parts required (not included)**
- 1x **FLASH LINK UPDATER, FLASH LINK MANAGER** SOFTWARE
 - 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- Smartphone Android or iOS with Internet connection (Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

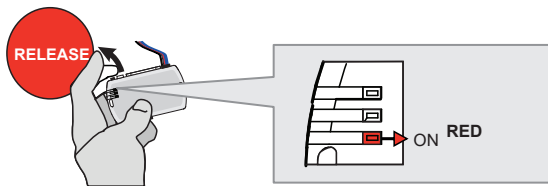
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

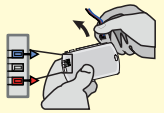
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

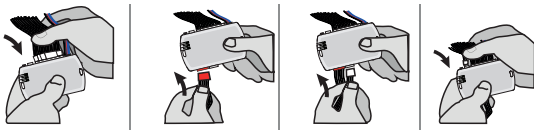


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

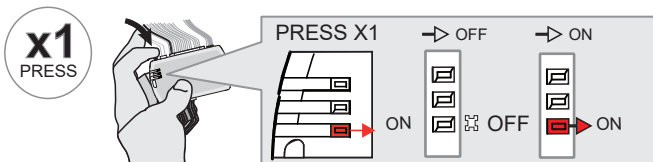


3



Insert the required remaining connectors.

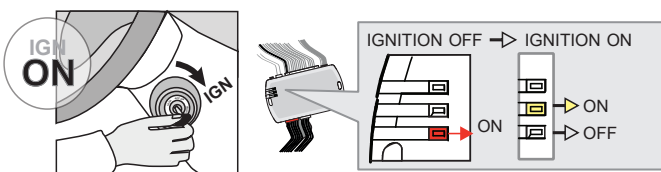
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



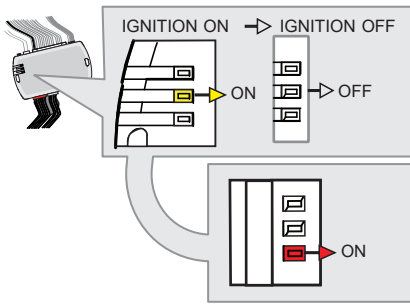
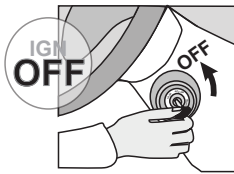
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

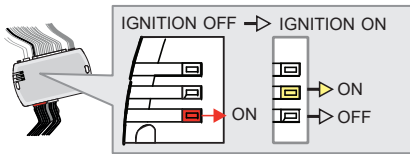
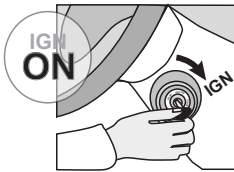
6



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

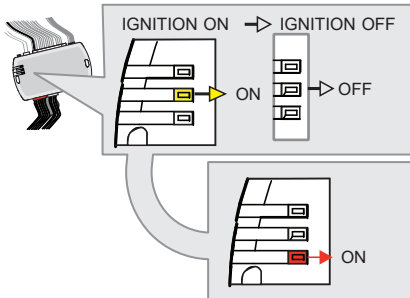
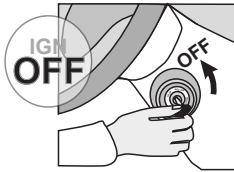
↳ The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳ The RED LED will turn OFF.
↳ The YELLOW LED will turn on.

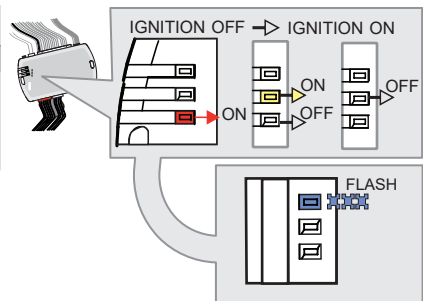
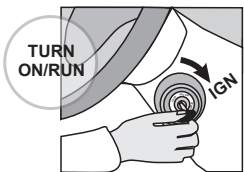
8



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

↳ The RED LED will turn on.

9

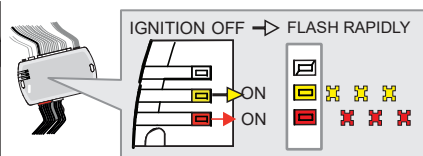
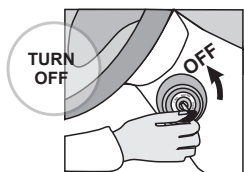


Turn the key to the Ignition ON/RUN position.
↳ The YELLOW LED will turn on and off.

↳ The RED LED will turn OFF.

↳ WAIT, the BLUE LED to flash rapidly.

10

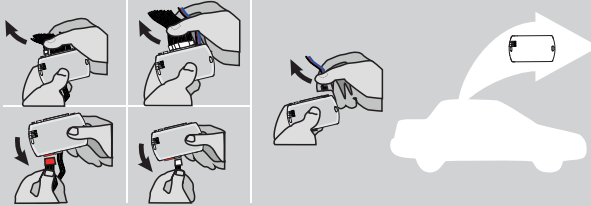


Turn the key to the OFF position.

↳ The RED and YELLOW LEDs will alternate.

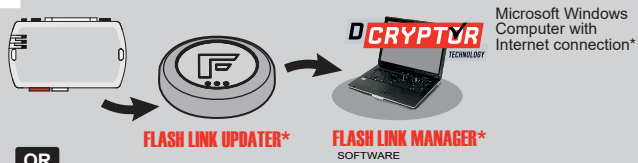
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



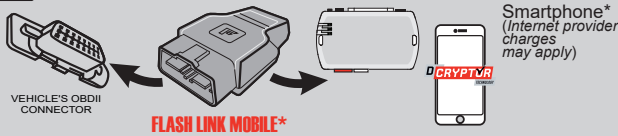
Disconnect all the connectors and after the Data-Link (4-pins) connector.

12



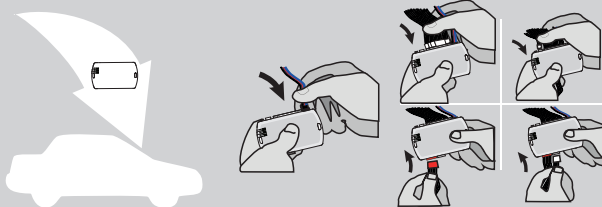
Use the tool: FLASH LINK UPDATER or FLASH LINK MOBILE to visit the DCryptor menu.

OR



*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED Go back to the vehicle and reconnect the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.




REMOTE STARTER / ALARM VERIFICATION PROCEDURE



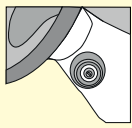
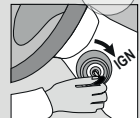




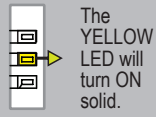
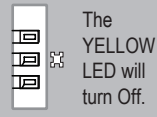
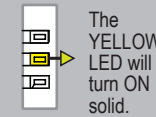
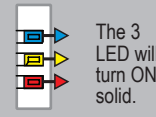

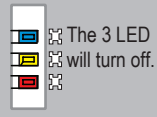
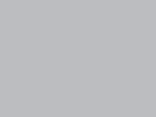
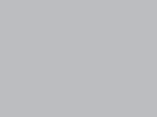
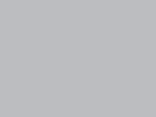
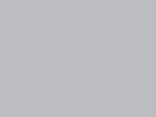
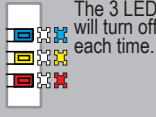

Test the remote starter. Remote start the vehicle.

OPTIONAL RF-KIT PROGRAMMING

PROGRAM BYPASS OPTION

	<p>Program bypass option:</p>	<p>H2</p>	<p><input checked="" type="checkbox"/> Supported RF-KITS enable <input checked="" type="checkbox"/> H2 Fortin 2</p>
---	-------------------------------	------------------	---

OPTIONAL FORTIN RF KIT SERIES 4 OR SERIES 9 PROGRAMMING

 <p>The module must be programmed on the vehicle.</p>   <p>MAKE SURE THE IGNITION KEY HAS BEEN IN THE OFF POSITION FOR AT LEAST 5 SECONDS.</p>	<p>1</p> <p>ON <small>TURN ON/RUN</small></p>  <p>Turn the key to the ON/RUN position.</p>	<p>2</p> <p>OFF <small>TURN OFF</small></p>  <p>Turn the ignition to the OFF position.</p>	<p>3</p> <p>ON <small>TURN ON/RUN</small></p>  <p>Turn the key to the ON/RUN position.</p>	<p>4</p> <p>4X BRAKES</p> <p>x4 PRESS</p>  <p>Press and release the brake pedal four times.</p>	<p>5</p> <p>ON EACH TRANSMITTER</p> <p>4 BUTTONS</p> <p>(-) PRESS AND RELEASE</p> <p>→ PRESS AND RELEASE</p> <p>1 BUTTON</p> <p>PRESS APPROX. 12 SEC. AND WAIT FOR THE BLUE LED TO TURN OFF THEN BACK ON SOLID THEN RELEASE.</p>	<p>6</p> <p>OFF <small>TURN OFF</small></p>  <p>Turn the ignition to the OFF position.</p>
	 <p>The YELLOW LED will turn ON solid.</p>	 <p>The YELLOW LED will turn Off.</p>	 <p>The YELLOW LED will turn ON solid.</p>	 <p>The 3 LED will turn ON solid.</p>	 <p>The LED will flash rapidly.</p>	 <p>The LED will turn Off.</p>
	 <p>The 3 LED will turn ON solid.</p>	 <p>The 3 LED will turn off.</p>	 <p>The 3 LED will turn off each time.</p>	 <p>The LED will turn off each time.</p>	 <p>The LED will turn off each time.</p>	 <p>The LED will turn off each time.</p>



REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 STANDALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.



VEHICLE

YEARS

“Vehicle functions supported in this diagram (functional if equipped)”

FORD

Taurus

40-bits 2008-2012

Immobilizer bypass	T-harness available (Sold separately)	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

		UNIT OPTION	DESCRIPTION
	Program bypass option:	A5	<div style="background-color: #28a745; color: white; padding: 5px; display: inline-block; margin-bottom: 5px;">ON</div> AUX.1 with OEM alarm
		A5	<div style="background-color: #dc3545; color: white; padding: 5px; display: inline-block; margin-bottom: 5px;">OFF</div> AUX.1 without OEM alarm
		C1	OEM Remote status (Lock/Unlock) monitoring -
IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:		A11	<div style="background-color: #dc3545; color: white; padding: 5px; display: inline-block; margin-bottom: 5px;">OFF</div> Hood trigger (Output Status).

MANDATORY INSTALL

***HOOD PIN**



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

PARTS REQUIRED (NOT INCLUDED)


1x **FLASH LINK UPDATER**
 1x **FLASH LINK MANAGER**
 SOFTWARE
 1x Microsoft Windows Computer with Internet connection

OR

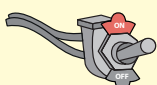
1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
 Smartphone *Android* or *iOS* with Internet connection (*provider charges may apply*).
 1x

MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.


STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION
	OEM Remote Stand Alone Remote Starter:	D1.10 	By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE,VERROUILLE,VERROUILLE
		D1.1 	
	Program bypass option with oem remote:	C1	OEM Remote Monitoring
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit


REMOTE STARTER FUNCTIONALITY




All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.



START 

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED


x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package **RSPB**, Sold separately.

WARNING

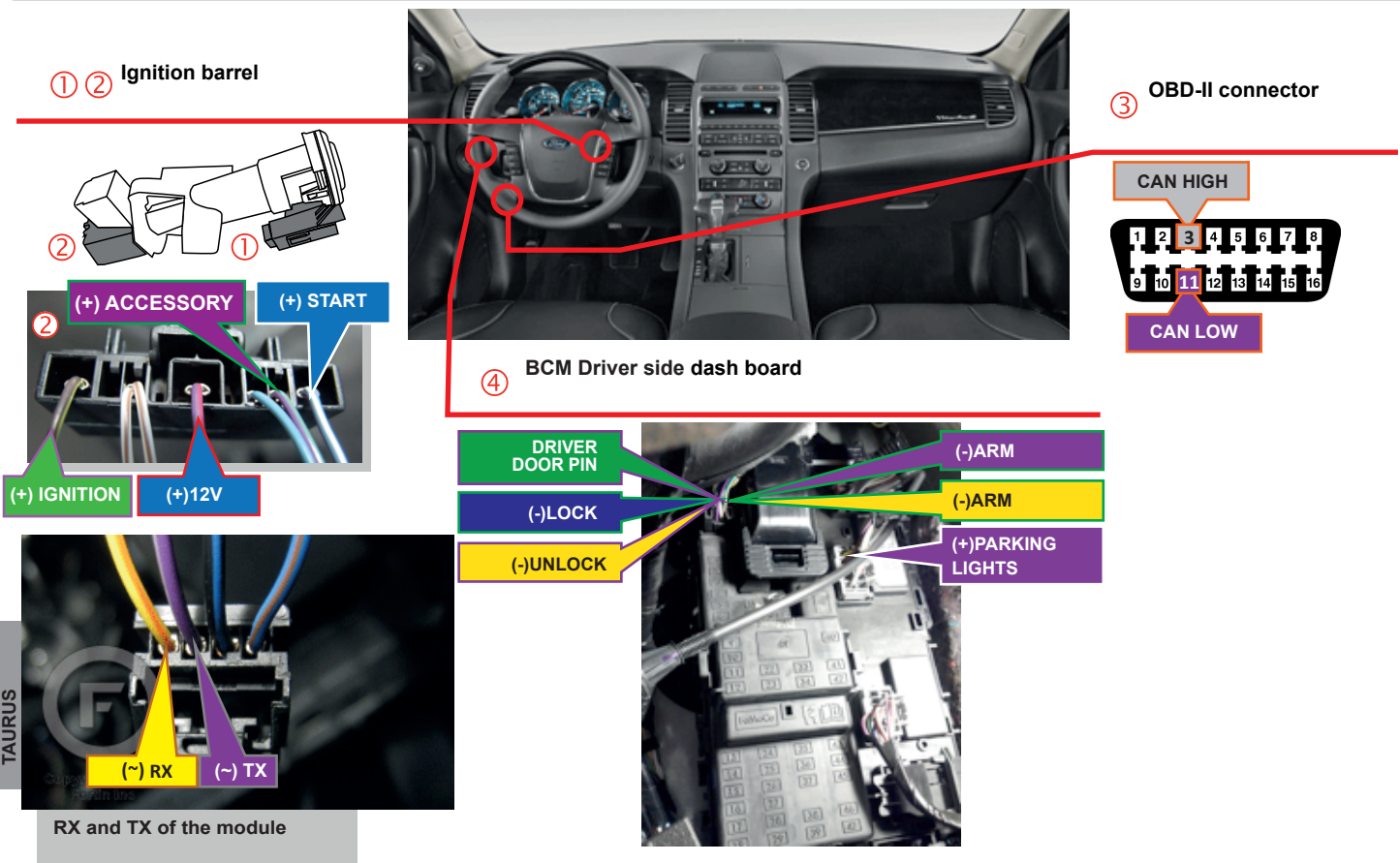


REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION | DESCRIPTION

		Parts required (Not included)	PAGE
WIRE TO WIRE DIAGRAM			
	AUTOMATIC TRANSMISSION	1x 7.5 Amp. fuse 1x 10 Amp. fuse 2x 1Amp. Diodes (with OEM alarm) 2x 1Amp. Diodes 1x Relais (Parking lights)	Page 4
THARNNESS DIAGRAM			
THARNNESS THAR-FORD4	AUTOMATIC TRANSMISSION	1x THAR-FOR4 1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm) 1x Relais (Parking lights)	Page 5
THARNNESS THAR-FORD1	AUTOMATIC TRANSMISSION	1x THAR-FOR1 1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm) 1x Relais (Parking lights)	Page 6



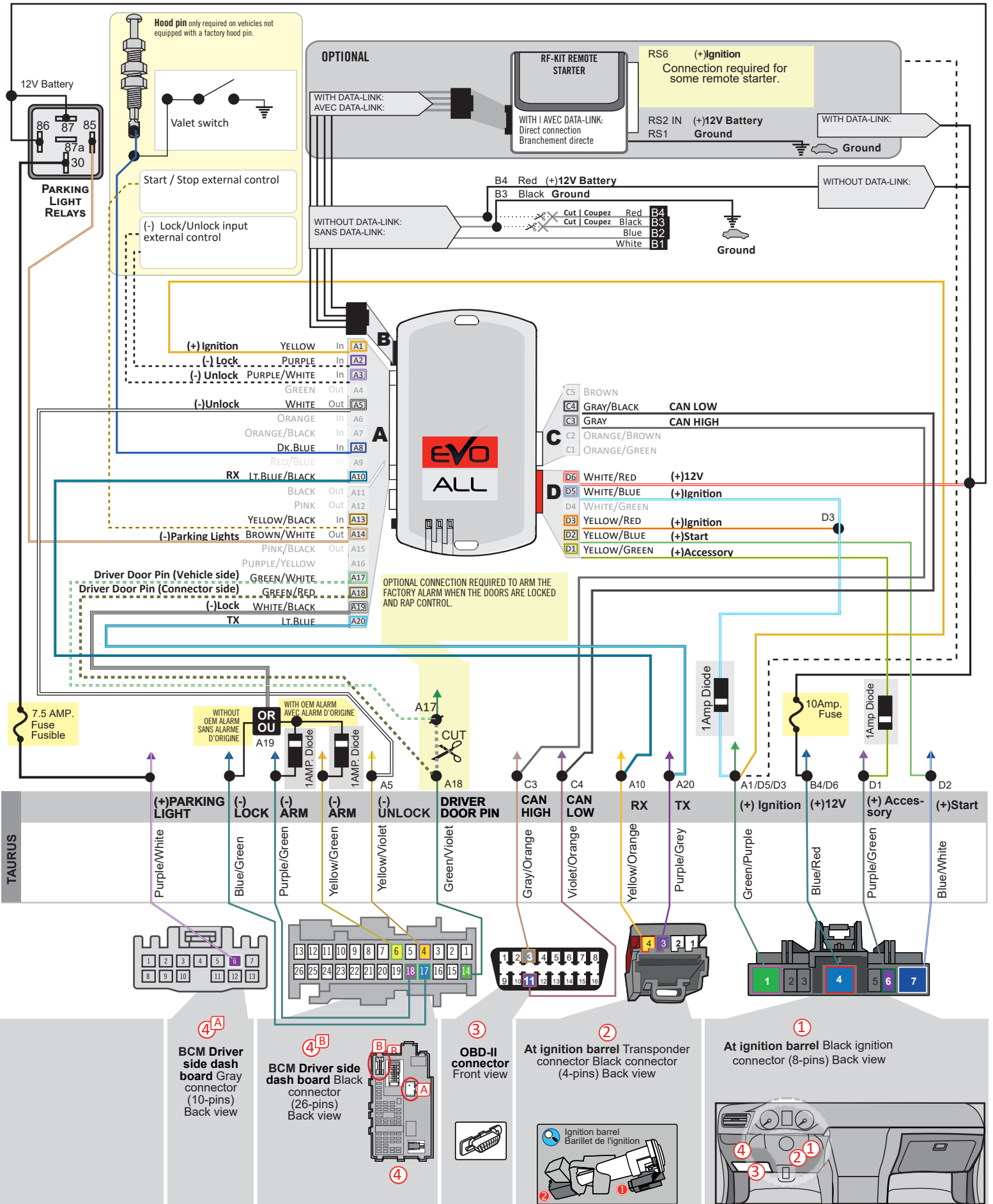
T-HARNESS: 12V BATTERY

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

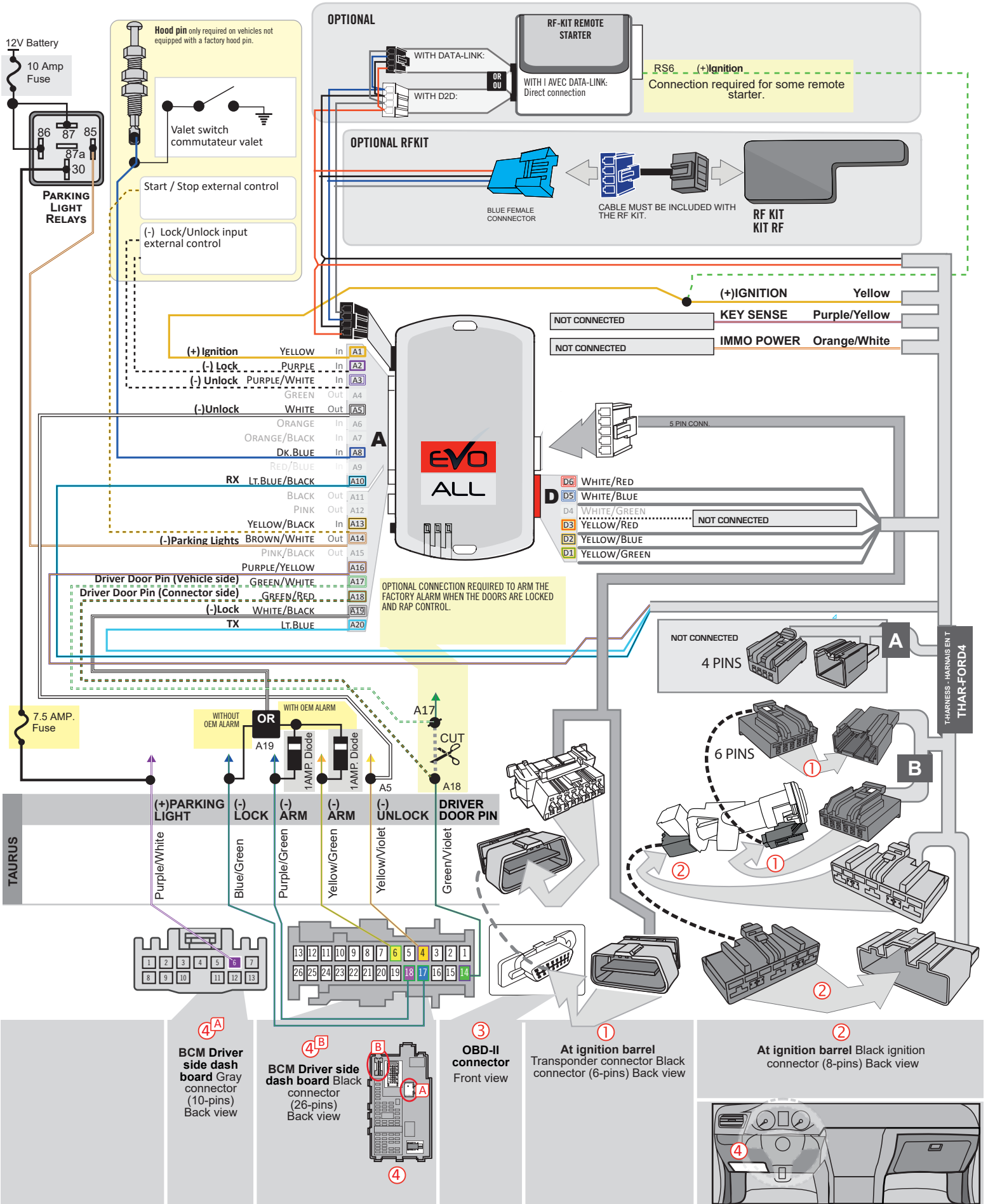
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

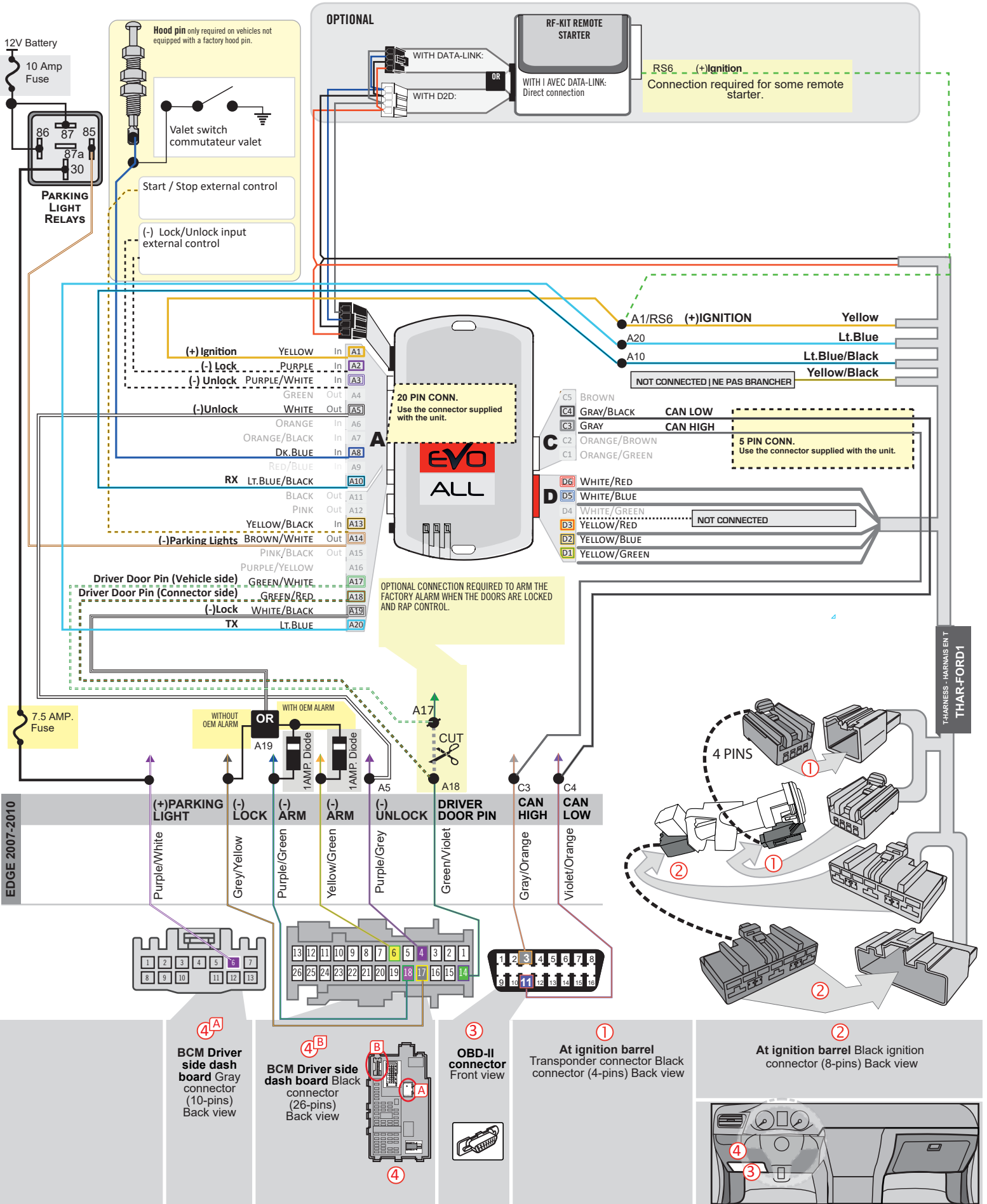
AUTOMATIC TRANSMISSION WIRING CONNECTION



THAR-FOR4 - AUTOMATIC TRANSMISSION




THAR-FOR1 - AUTOMATIC TRANSMISSION




KEY BYPASS PROGRAMMING PROCEDURE 1/2

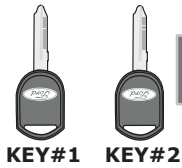
Choose between :



2 key programming.

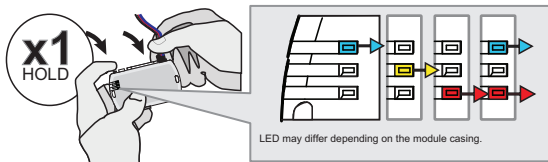


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

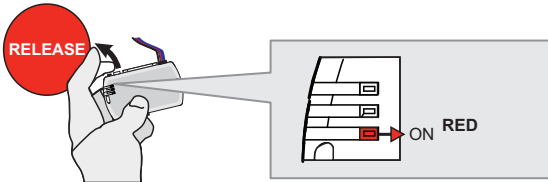
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

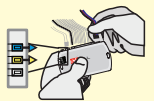
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

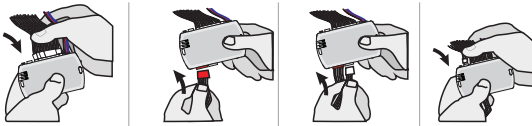


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

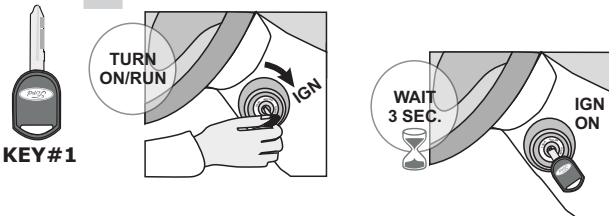


3



Insert the required remaining connectors.

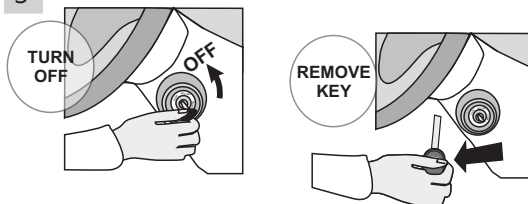
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

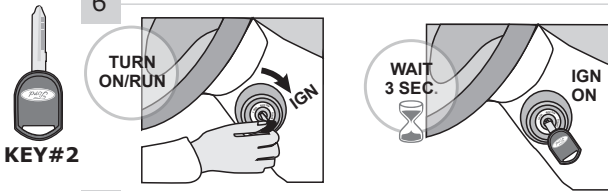
5



Turn the key to the OFF position.

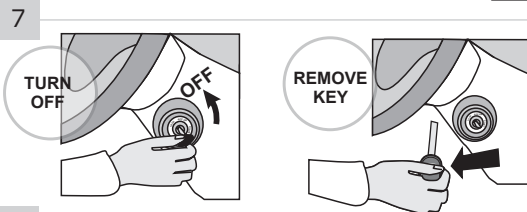
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



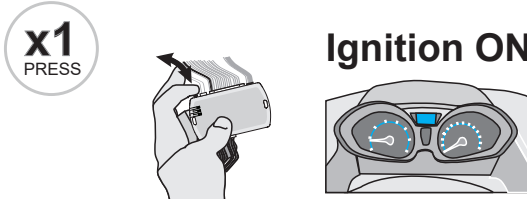
Turn the key to the OFF position.

Remove the second key.

8

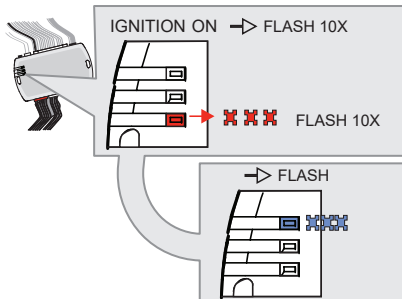
5 sec. max

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.



Press and release the programming button.

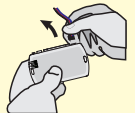
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

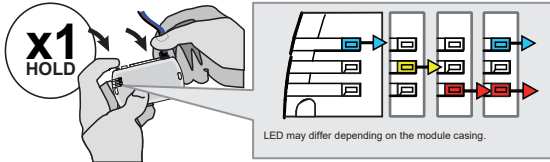
- 1x FLASH LINK UPDATER, SOFTWARE
- 1x FLASH LINK MANAGER SOFTWARE
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x FLASH LINK MOBILE
- 1x FLASH LINK MOBILE APP
- Smartphone Android or iOS with Internet connection (Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

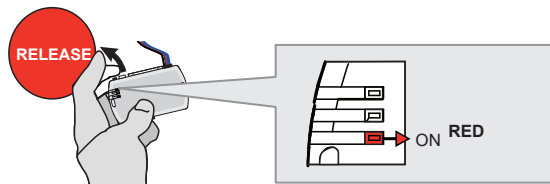
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

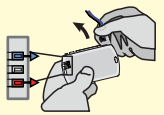
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

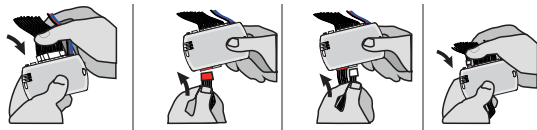


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

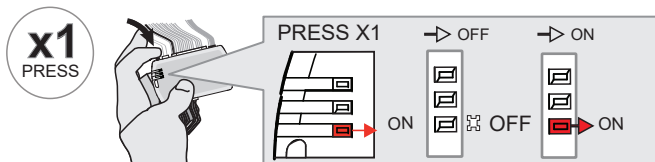


3



Insert the required remaining connectors.

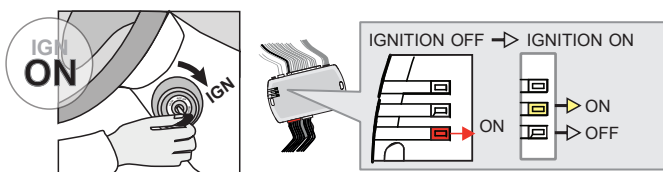
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



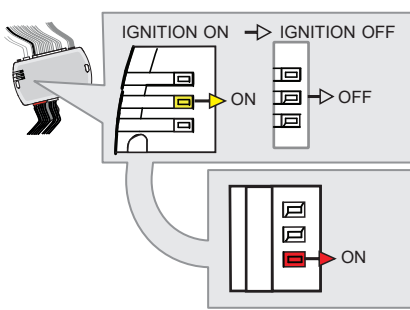
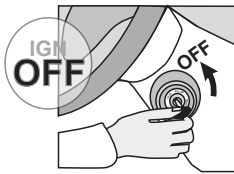
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

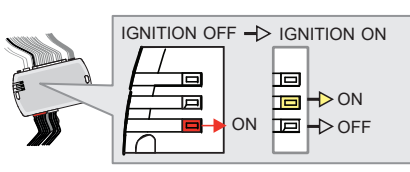
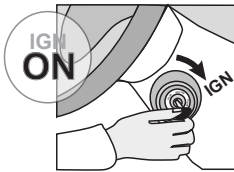
6



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

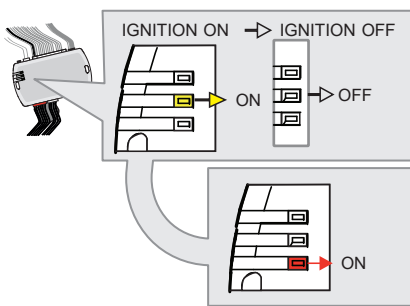
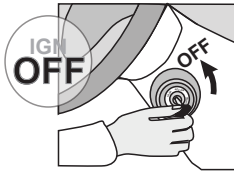
↳The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳The RED LED will turn OFF.
↳The YELLOW LED will turn on.

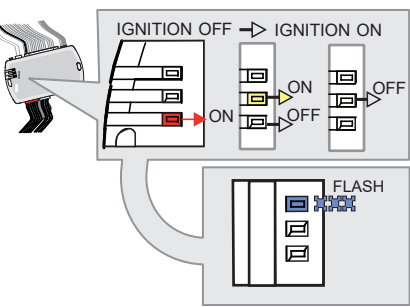
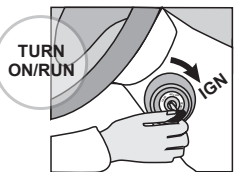
8



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

↳The RED LED will turn on.

9

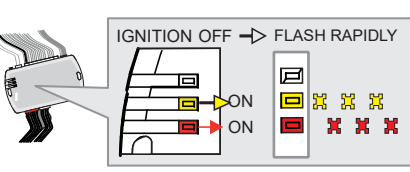
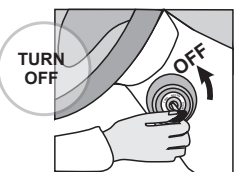


Turn the key to the Ignition ON/RUN position.
↳The YELLOW LED will turn on and off.

↳The RED LED will turn OFF.

↳WAIT, the BLUE LED to flash rapidly.

10

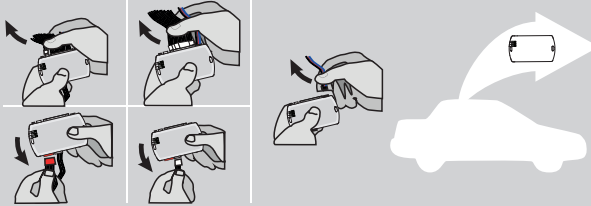


Turn the key to the OFF position.

↳The RED and YELLOW LEDs will alternate.

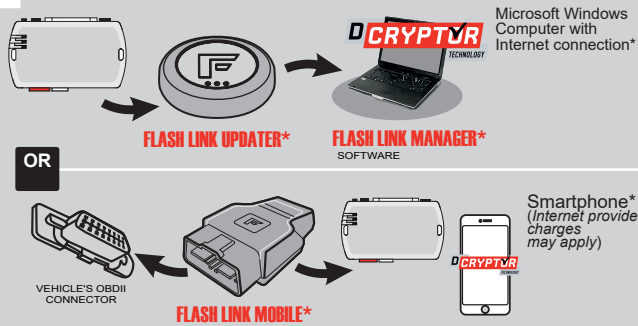
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



Disconnect all the connectors and after the Data-Link (4-pins) connector.

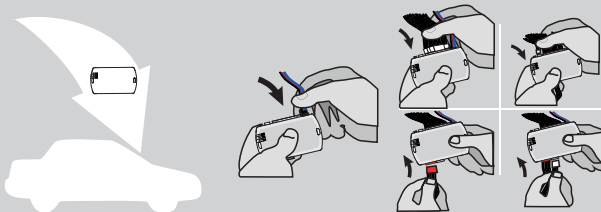
12



Use the tool:
FLASH LINK UPDATER or
FLASH LINK MOBILE
to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and reconnect the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 STANDALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Immobilizer bypass	T-Harness available (sold separately) Harnais en T disponible (vendu séparément)	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD																
Taurus	80-bits (SA KEY) 2013-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

UNIT OPTION	DESCRIPTION	
	A5	<input checked="" type="checkbox"/> ON
<input type="checkbox"/> OFF		AUX.1 without OEM alarm
C1	OEM Remote status (Lock/Unlock) monitoring	
A11	<input type="checkbox"/> OFF	Hood trigger (Output Status).

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

PARTS REQUIRED (NOT INCLUDED)


1x **FLASH LINK UPDATER**
 1x **FLASH LINK MANAGER**
 SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

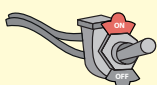
1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
 Smartphone *Android* or *iOS* with Internet connection (*provider charges may apply*).
 1x

MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.


STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION
	OEM Remote Stand Alone Remote Starter:	D1.10 	By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE,VERROUILLE,VERROUILLE
		D1.1 	
	Program bypass option with oem remote:	C1	OEM Remote Monitoring
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit


REMOTE STARTER FUNCTIONALITY



All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.




START

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED


x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package **RSPB**, Sold separately.

WARNING



REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION

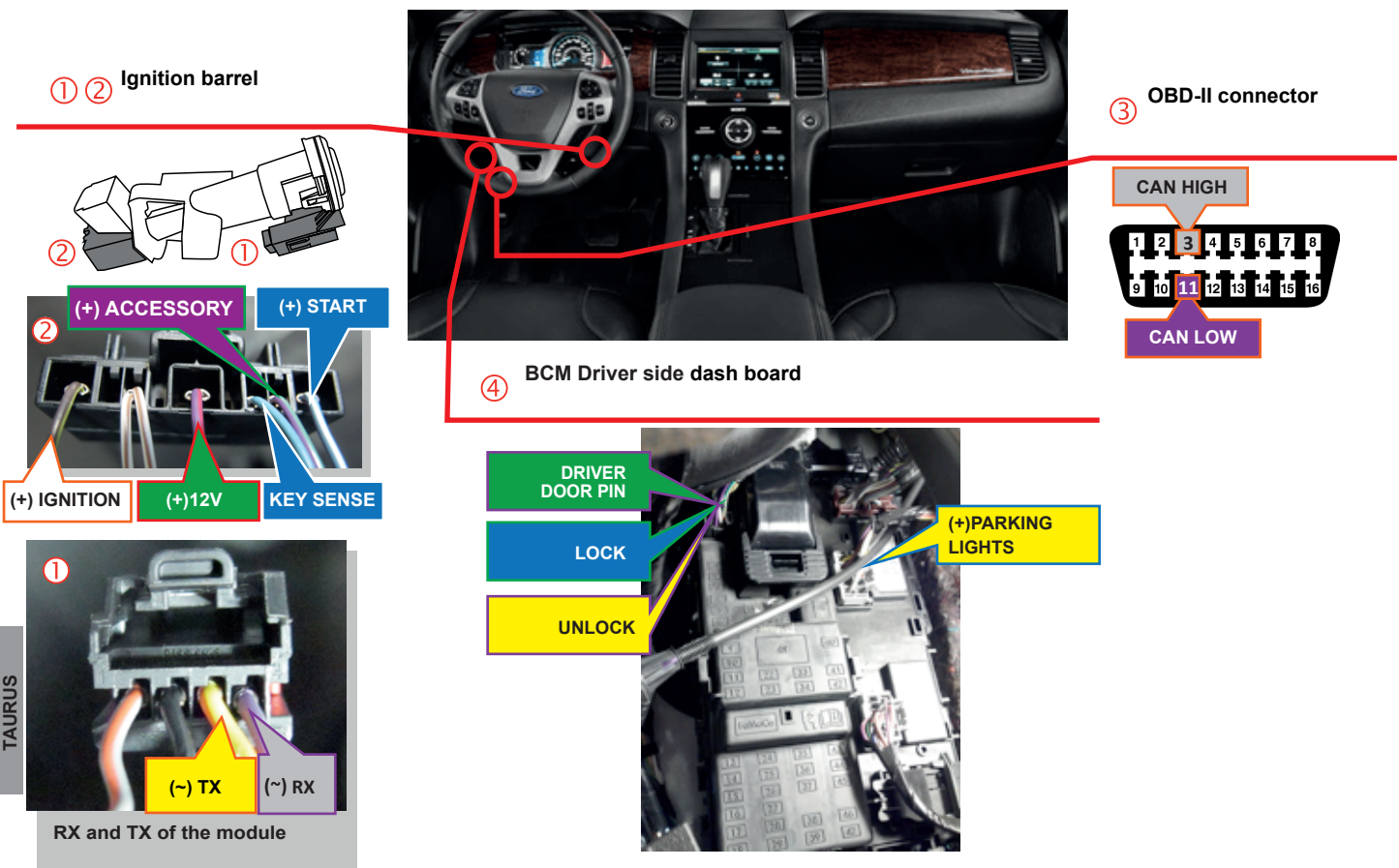
Parts required (Not included) PAGE

WIRE TO WIRE DIAGRAM

	1x 7.5 Amp. fuse 3x 1Amp.Diode	Page 4
--	-----------------------------------	--------

THARNNESS DIAGRAM

THARNNESS THAR-FORD4	1x THAR-FOR4 1x 7.5 Amp. fuse	Page 5
THARNNESS THAR-FORD1	1x THAR-FOR1 1x 7.5 Amp. fuse 1x 1Amp. Diode	Page 6



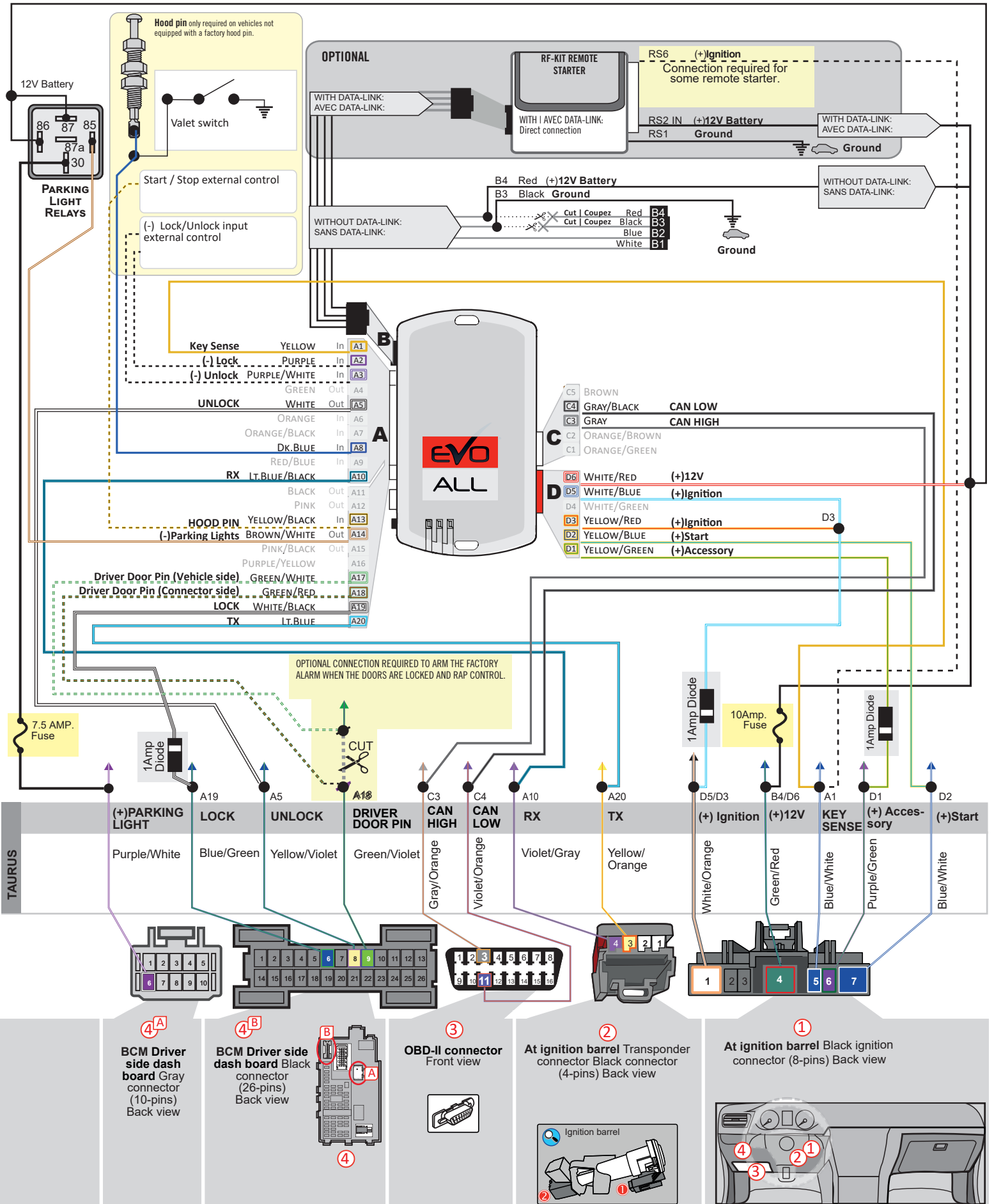
T-HARNNESS: 12V BATTERY

ATTENTION THE T-HARNNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

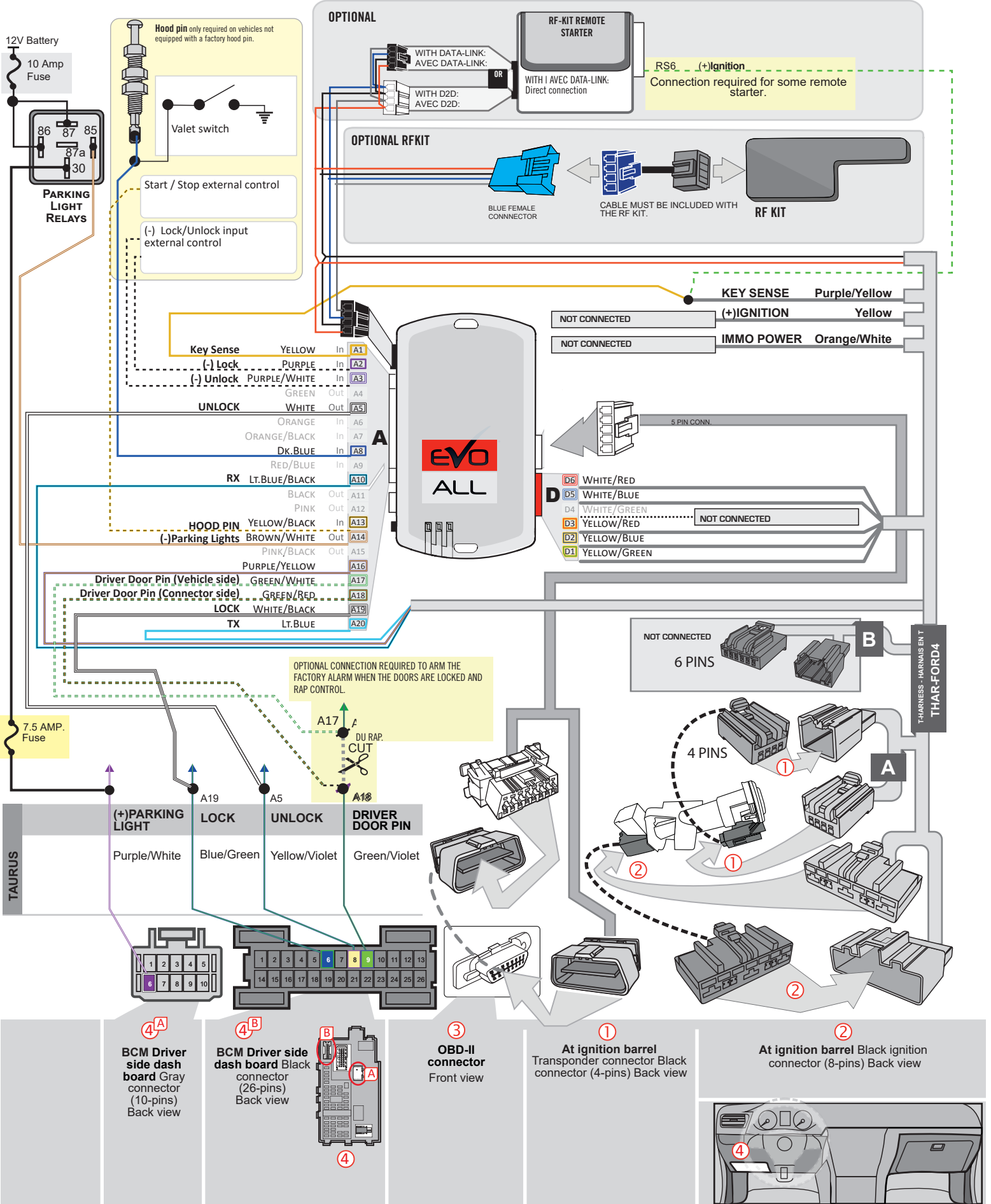
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

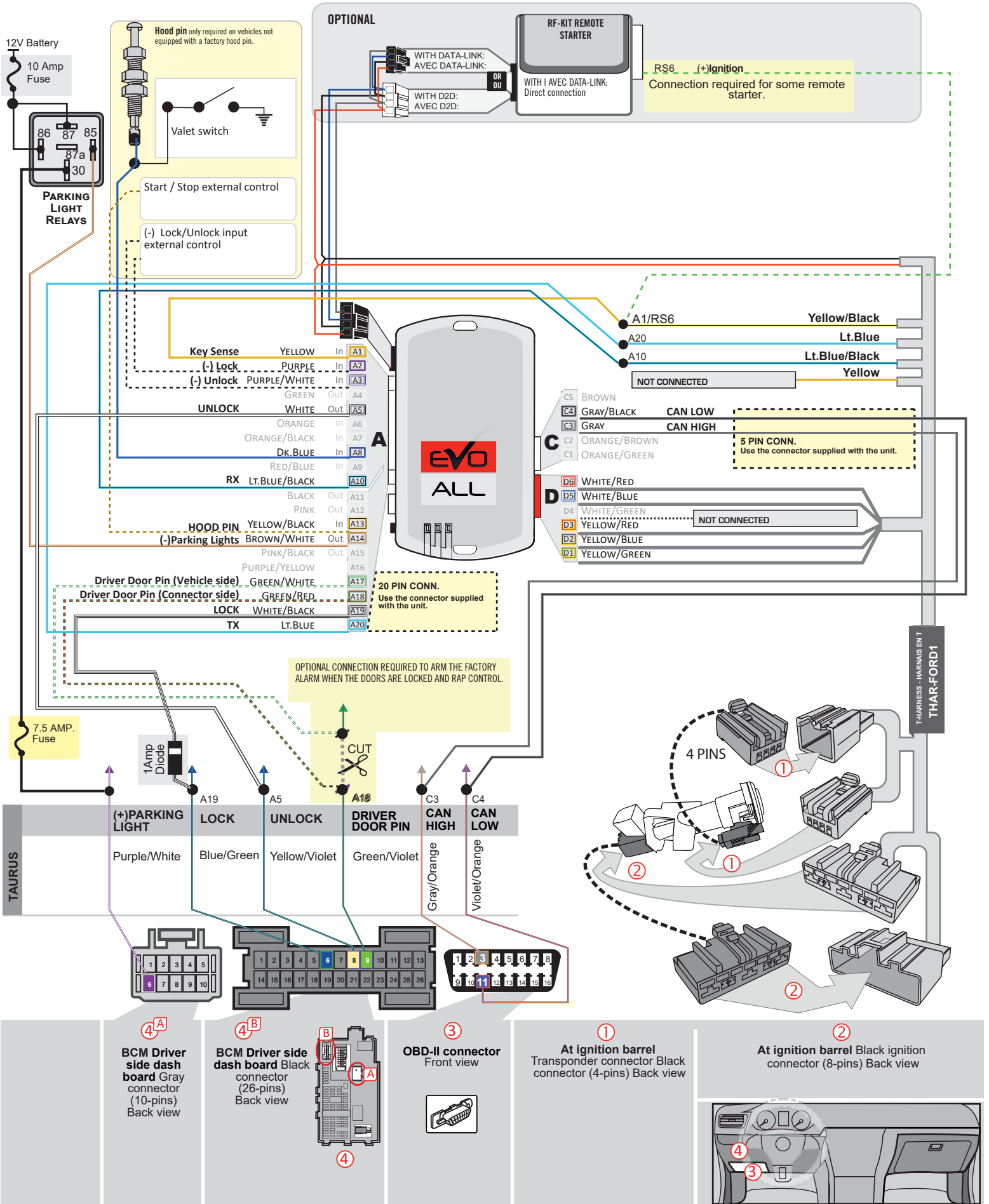
AUTOMATIC TRANSMISSION WIRING CONNECTION



THAR-FOR4 - AUTOMATIC TRANSMISSION

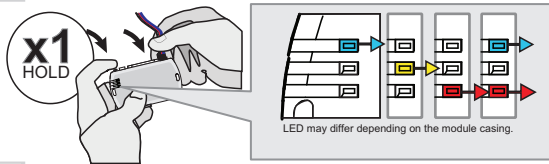


THAR-FOR1 - AUTOMATIC TRANSMISSION



KEY BYPASS PROGRAMMING PROCEDURE 1/2

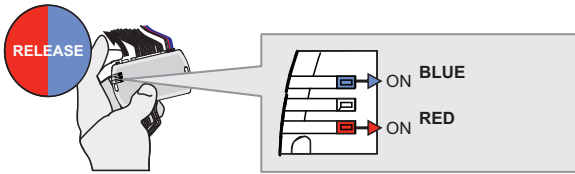
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

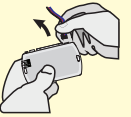
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

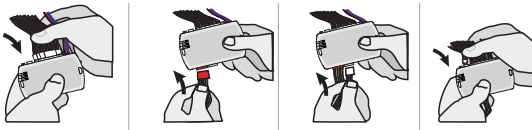


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 4-Pin connector (Data-Link) and go back to step 7.

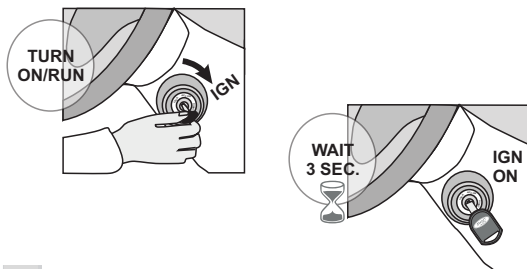


3



Insert the required remaining connectors.

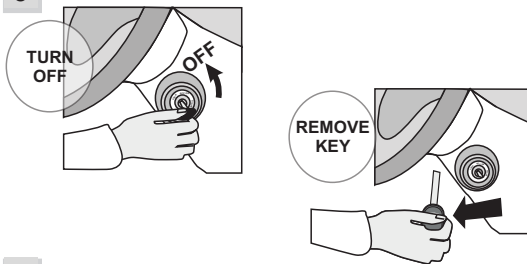
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

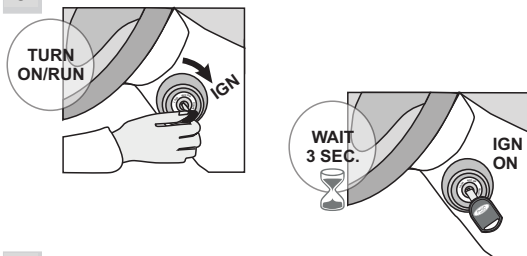
5



Turn the key to the OFF position.

and **remove** the first key.

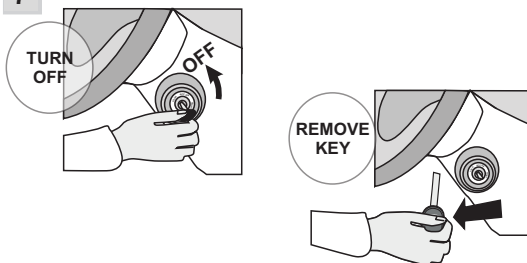
6



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

7



Turn the key to the OFF position.

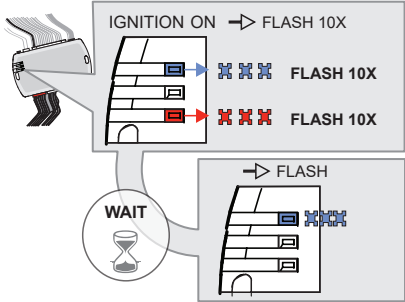
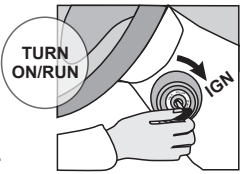
and **remove** the second key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2

8



KEY #1



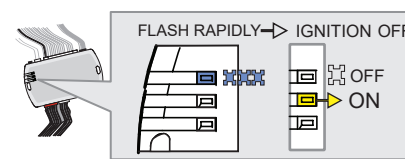
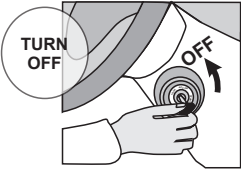
Turn the key to the Ignition ON/RUN position.

↳ The RED AND BLUE LEDs will flash rapidly ten (10) times.
Key bypass programmed.

Wait

↳ The BLUE LED will flash rapidly.
CAN-Bus programmed.

9



Turn the Ignition to the OFF position.

↳ The BLUE LED will turn off.
↳ The YELLOW LED will turn on.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

THAR-FOR4 THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

"Vehicle functions supported in this diagram (functional if equipped)"

VEHICLE	YEARS	"Vehicle functions supported in this diagram (functional if equipped)"														
		Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	RAP Disable	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	
FORD																
Edge	40-bits 2007-2010	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Escape	40-bits 2008-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Hybrid 40-bits 2008-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Flex	40-bits 2011-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Fusion	40-bits 2010-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Taurus	40-bits 2008-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
MAZDA																
Tribute	40-bits 2008-2011	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

	HARDWARE VERSION	FIRMWARE VERSION	To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately.
	MINIMUM 6	71.[47] FORD MINIMUM	

	Program bypass option (If this option is not OFF the Ignition will turn On when the door are unlock):	UNIT OPTION	DESCRIPTION
		A5	OFF
		AUX.1	

NOTES

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

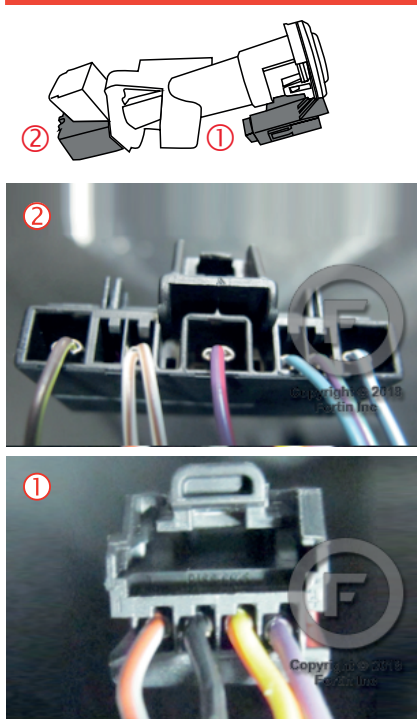
Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

MANDATORY INSTALL *HOOD PIN	HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN.	Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.	THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.
---------------------------------------	--	---	--

DESCRIPTION

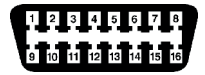
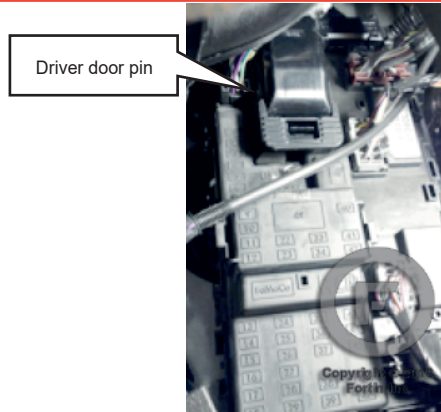
VEHICLE	WIRE	WIRE COLOR	POSITION
FORD			
Edge	40-bits	PARKING LIGHTS	Purple/White Harnais in driver kick panel.
Escape	40-bits	PARKING LIGHTS	Purple/White Driver running board.
	Hybrid 40-bits	PARKING LIGHTS	Purple/White Driver kick panel.
Flex	40-bits	PARKING LIGHTS	Purple/White At Smart Junction Box, Connector D.
Fusion	40-bits	PARKING LIGHTS	Purple/White Harnais in driver kick panel.
Taurus	40-bits	PARKING LIGHTS	Purple/White At Smart Junction Box, Connector E, in driver kick panel.
MAZDA			
Tribute	40-bits	PARKING LIGHTS	Purple/White Driver running board.

① ② Ignition barrel

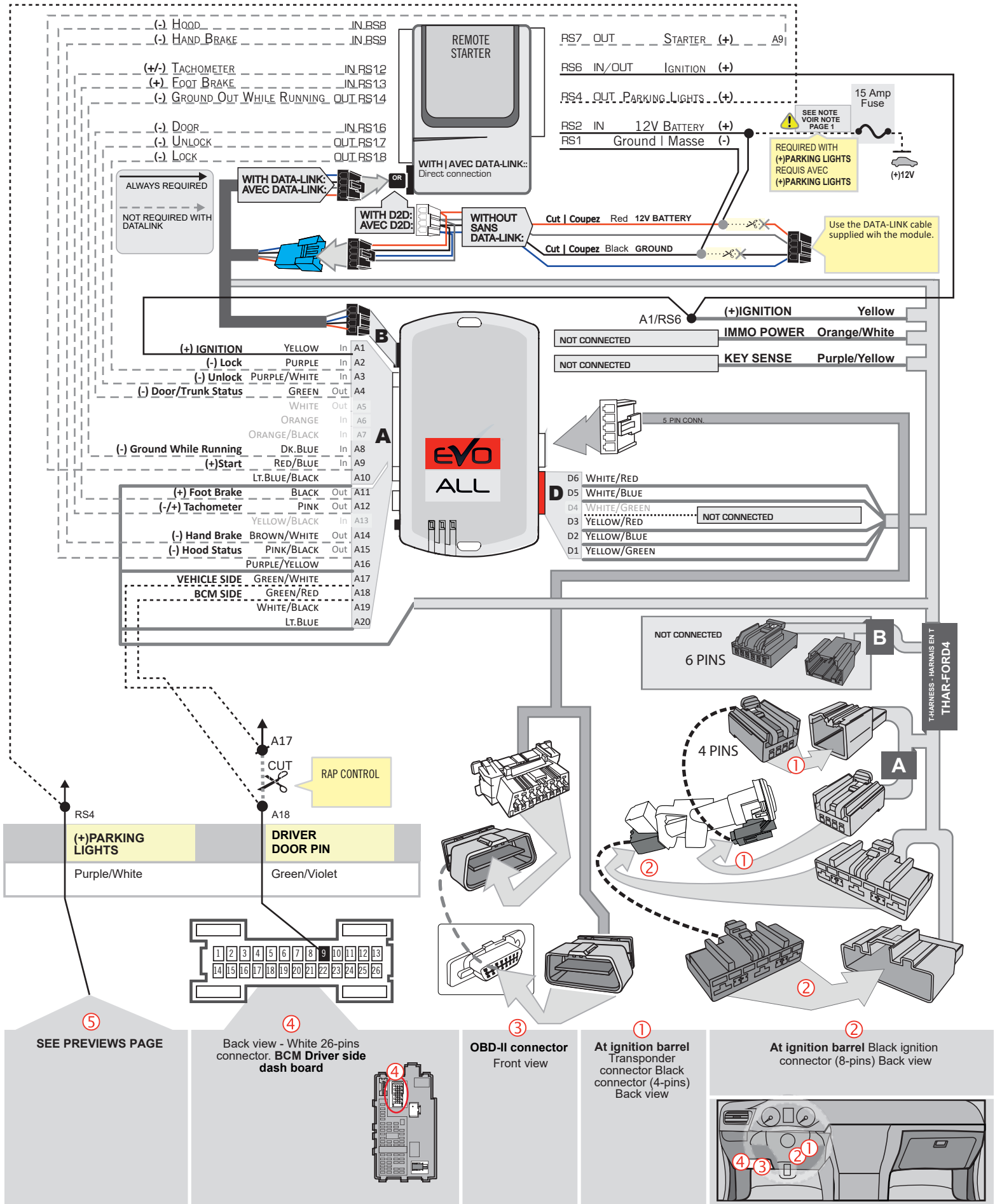


④ BCM Driver side dash board

③ OBD-II connector




WIRING CONNECTION




KEY BYPASS PROGRAMMING PROCEDURE 1/2

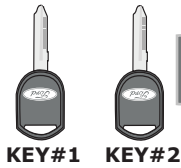
Choose between :



2 key programming.

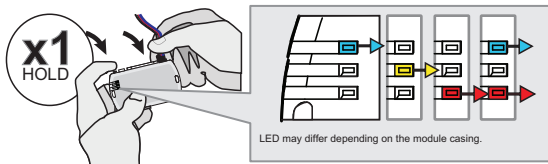


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

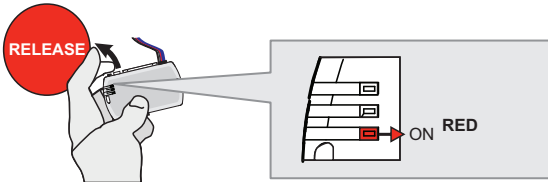
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

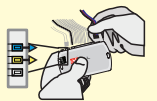
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

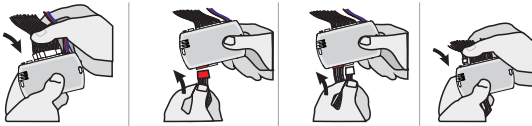


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

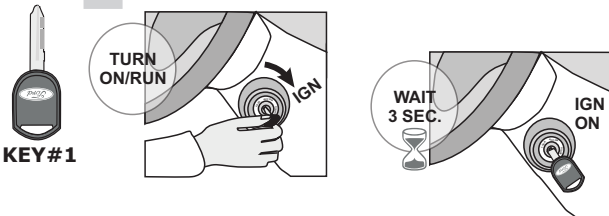


3



Insert the required remaining connectors.

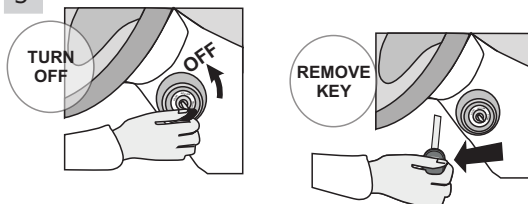
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

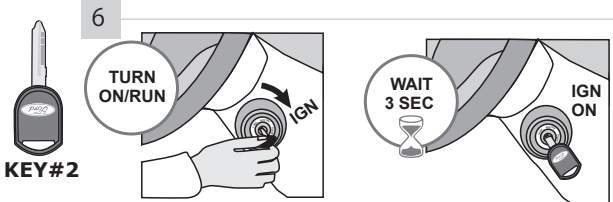
5



Turn the key to the OFF position.

Remove the first key.

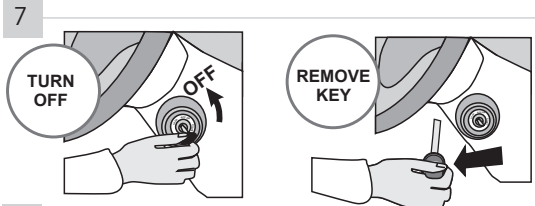
KEY BYPASS PROGRAMMING PROCEDURE 2/2



KEY#2

Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



Turn the key to the OFF position.

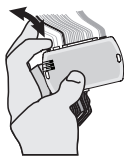
Remove the second key.

8

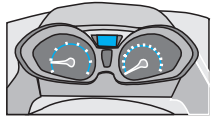
CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.

5 sec. max

x1 PRESS

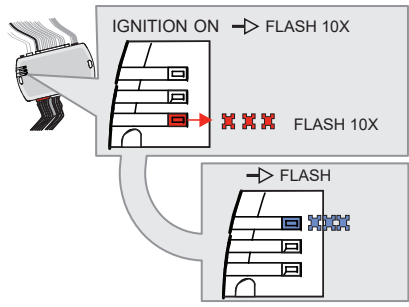


Ignition ON



Press and release the programming button.

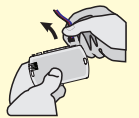
The vehicle ignition turn ON.



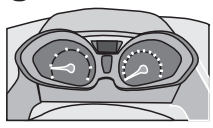
↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE

Parts required (not included)

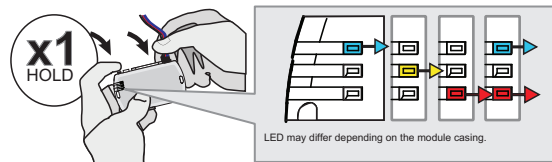
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection



OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- 1x Smartphone *Android or iOS* with Internet connection
(Internet provider charges may apply)

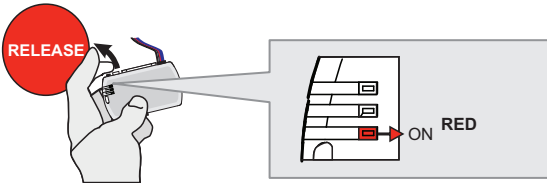
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

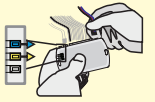
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

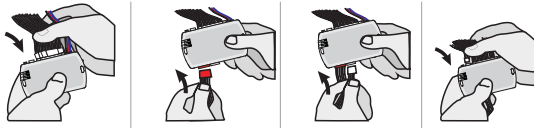


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

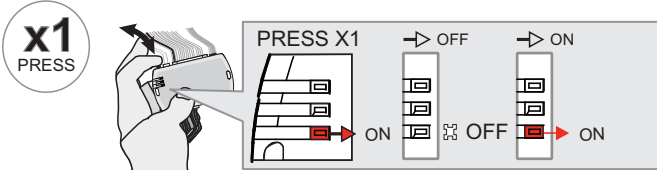


3



Insert the required remaining connectors.

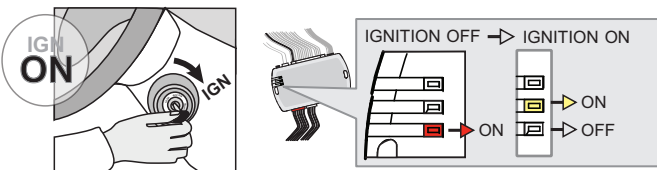
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5

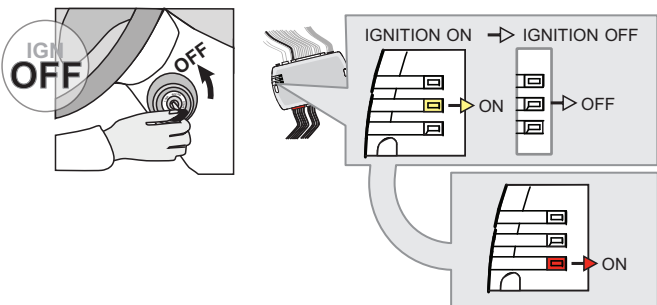


Turn the key to the Ignition ON/RUN position.

↳ The YELLOW LED will turn on.

↳ The RED LED will turn OFF.

6



Turn the key to the OFF position.

↳ The YELLOW LED will turn OFF.

↳ The RED LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/2

7

TURN ON/RUN

IGNITION OFF → IGNITION ON

ON ON OFF OFF

FLASH

Turn the key to the Ignition ON/RUN position.

↳The YELLOW LED will turn on and off.

↳The RED LED will turn OFF.

↳**WAIT**, the BLUE LED to flash rapidly.

8

TURN OFF

IGNITION OFF → FLASH RAPIDLY

ON ON

Turn the key to the OFF position.

↳The RED and YELLOW LEDs will alternate.

9

Disconnect all the connectors and after the Data-Link (4-pins) connector.

10

FLASH LINK UPDATER*

FLASH LINK MANAGER*
SOFTWARE | PROGRAMME

Microsoft Windows Computer with Internet connection*

OR

FLASH LINK MOBILE*

Smartphone*
(Internet provider charges may apply)

VEHICLE'S OBDII CONNECTOR

Use the tool: FLASH LINK UPDATER or FLASH LINK MOBILE to visit the DCryptor menu.

*Parts required (not included)

11

AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

THAR-FOR4 THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)														
		Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD																
Edge	80-bits (SA KEY)	2011-2014	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Explorer	80-bits (SA KEY)	2011-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Expedition	80-bits (SA KEY)	2015-2017	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F150	80-bits (SA KEY)	2011-2014	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F250	80-bits (SA KEY)	2011-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F350	80-bits (SA KEY)	2011-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F450	80-bits (SA KEY)	2011-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F550	80-bits (SA KEY)	2011-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Flex	80-bits (SA KEY)	2013-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Taurus	80-bits (SA KEY)	2013-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•
LINCOLN																
MKX	80-bits (SA KEY)	2011-2013	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

71.[49]

FORD MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

		UNIT OPTION	DESCRIPTION
	Program bypass option:	A5	<div style="background-color: #28a745; color: white; padding: 5px; display: inline-block; margin-bottom: 5px;">ON</div> AUX.1 with OEM alarm
		A5	<div style="background-color: #dc3545; color: white; padding: 5px; display: inline-block; margin-bottom: 5px;">OFF</div> AUX.1 without OEM alarm

		UNIT OPTION	DESCRIPTION
	Program bypass option:	C1	OEM Remote status (Lock/Unlock) monitoring


Parts required (Not included)

 1x Diode 1 Amp 1X **THAR-FOR4**
NOTES

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

MANDATORY INSTALL
*** HOOD PIN**


HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11

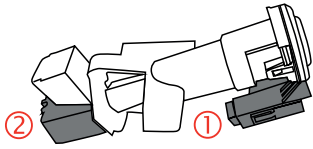
OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

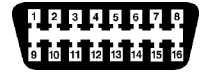
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

NOTES

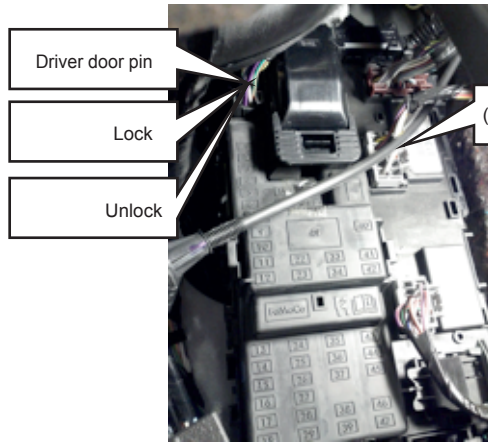
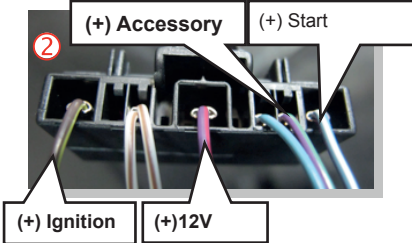
① ② Ignition barrel



③ OBD-II connector

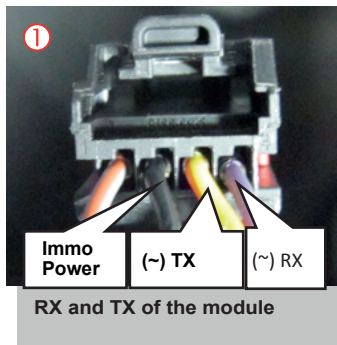


④ BCM Driver side dash board



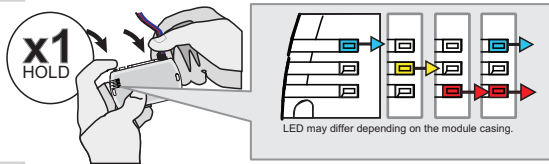
F-150, F-250, F-350, F450:

BCM Passenger side dash board
Black connector (26-pins) Back view
or
Driver kick panel Running board harness



KEY BYPASS PROGRAMMING PROCEDURE 1/2

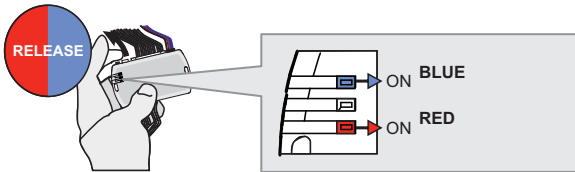
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

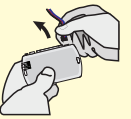
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

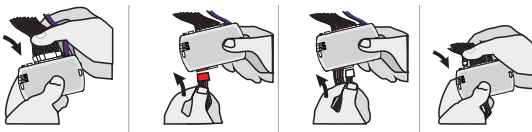


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 4-Pin connector (Data-Link) and go back to step 7.

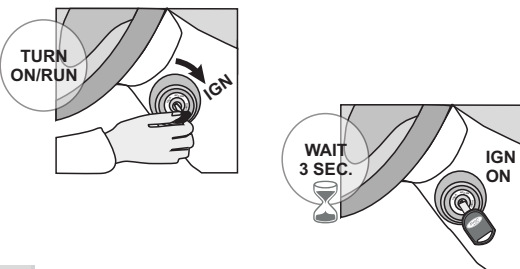


3



Insert the required remaining connectors.

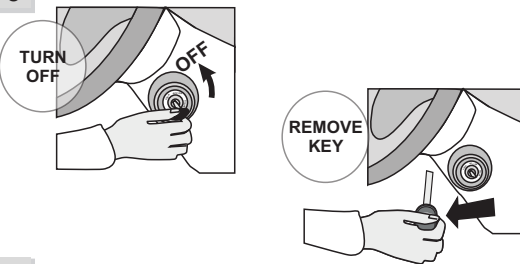
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

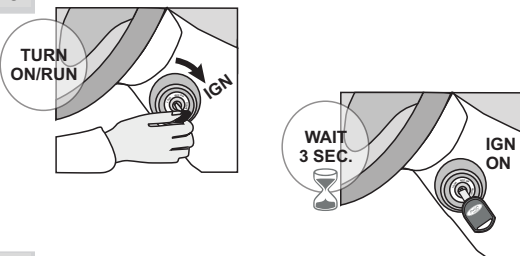
5



Turn the key to the OFF position.

and **remove** the first key.

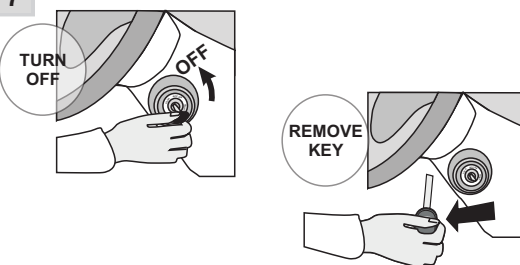
6



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

7

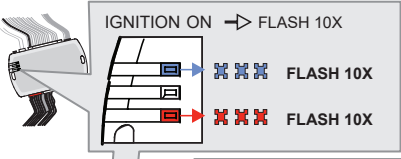


Turn the key to the OFF position.

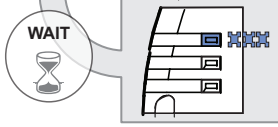
and **remove** the second key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2

8

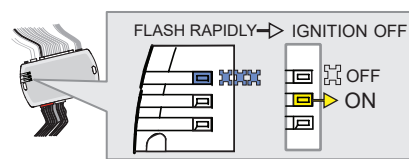
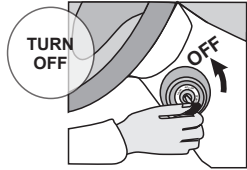


Turn the key to the Ignition ON/RUN position.
 ↳ The RED AND BLUE LEDs will flash rapidly ten (10) times.
 Key bypass programmed.



Wait
 ↳ The BLUE LED will flash rapidly.
 CAN-Bus programmed.

9



Turn the Ignition to the OFF position.
 ↳ The BLUE LED will turn off.
 ↳ The YELLOW LED will turn on.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

THAR-FOR4 THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE		"Vehicle functions supported in this diagram (functional if equipped)"														
YEARS		Immobilizer bypass	T-harness	Lock	Unlock	Arm	Disarm	RAP Disable	Trunk Release	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD																
Escape	40-bits 2011-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Hybrid 40-bits 2008-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

	HARDWARE VERSION	FIRMWARE VERSION	To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately.
	MINIMUM 6	71.[47] FORD MINIMUM	

	Program bypass option:	UNIT OPTION	DESCRIPTION
		C1	OEM Remote status (Lock/Unlock) monitoring
		D5	Lock after start

	Program bypass option (Vehicle hybrid only):	UNIT OPTION	DESCRIPTION
		D4	Hybrid mode (Vehicle hybrid only)

NOTES

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.



Parts required (Not included)

1x Fusible 10 AMP

MANDATORY INSTALL

*HOOD PIN



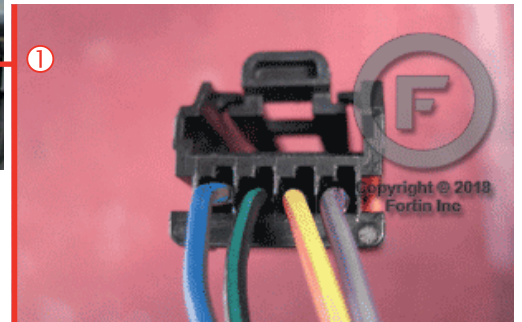
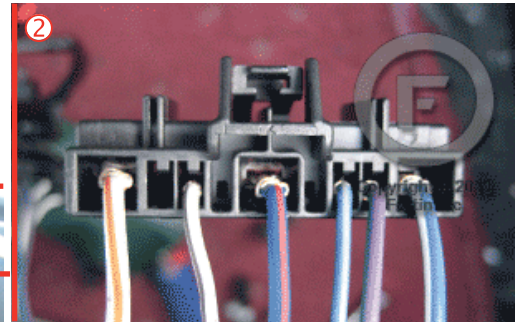
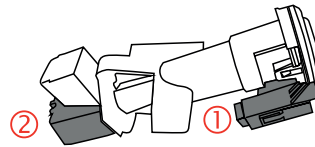
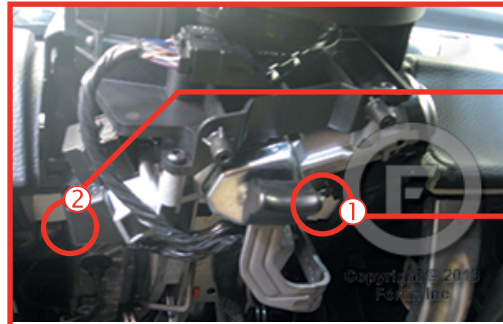
HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN.

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

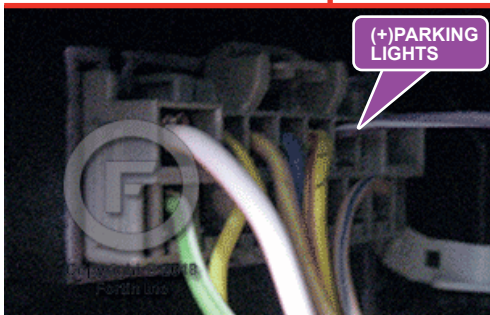
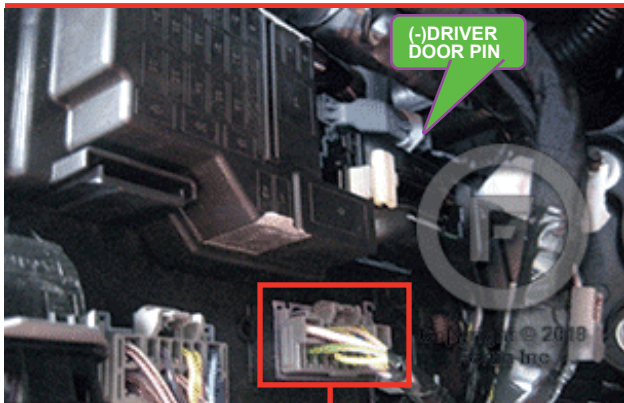
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

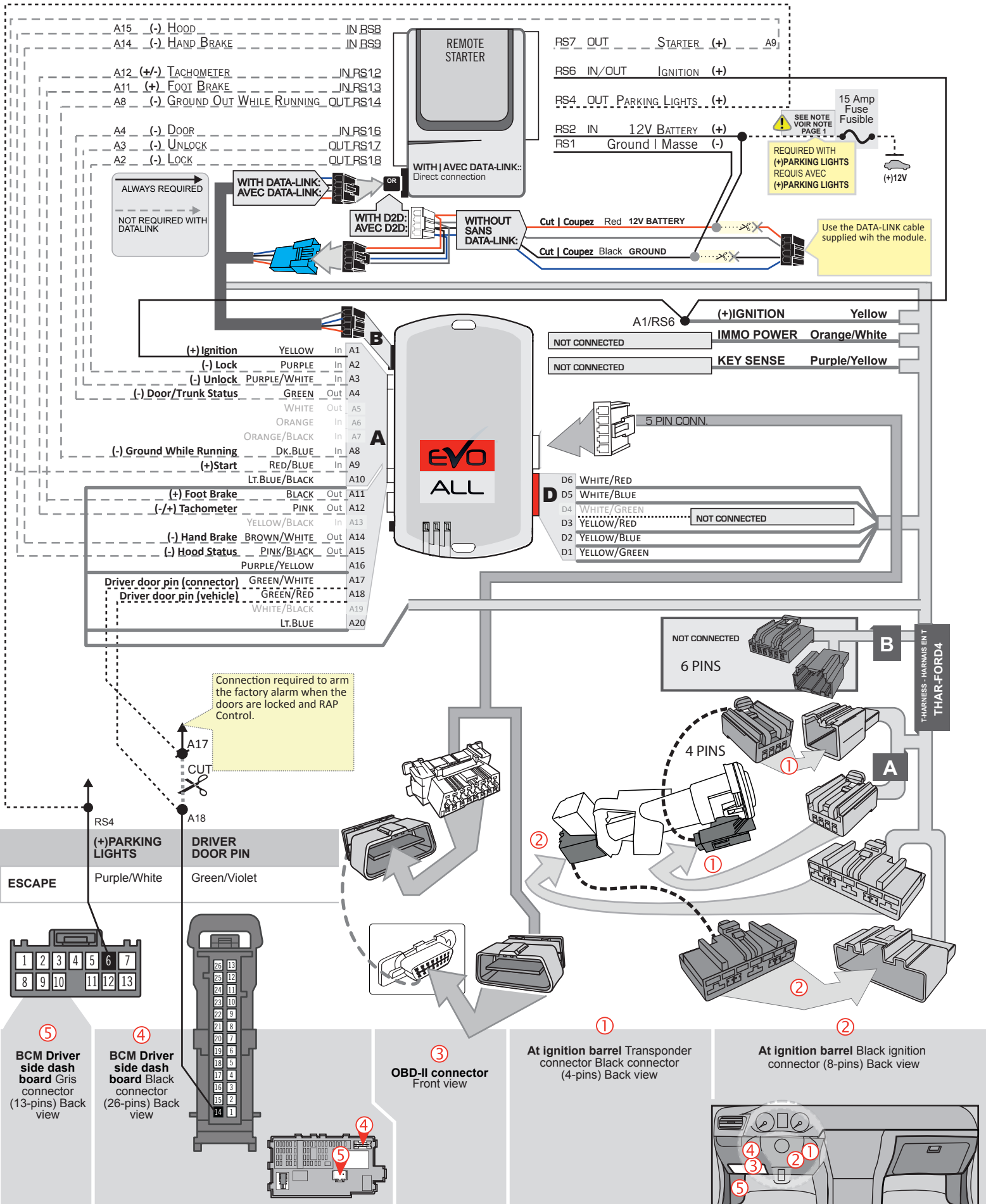
Ignition barrel



5 BCM Driver side dash board




WIRING CONNECTION




KEY BYPASS PROGRAMMING PROCEDURE 1/2

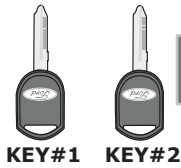
Choose between :



2 key programming.

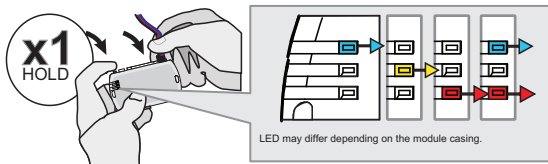


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

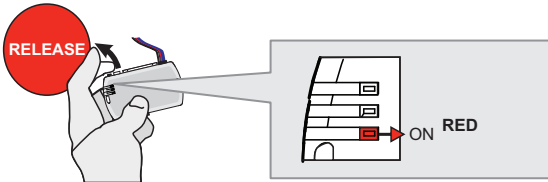
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

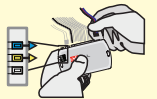
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

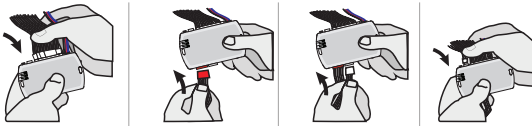


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

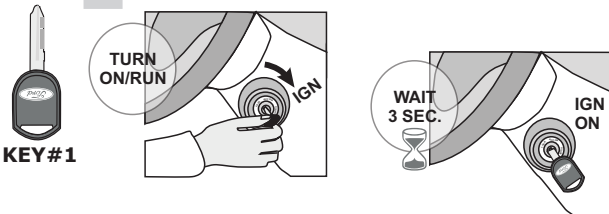


3



Insert the required remaining connectors.

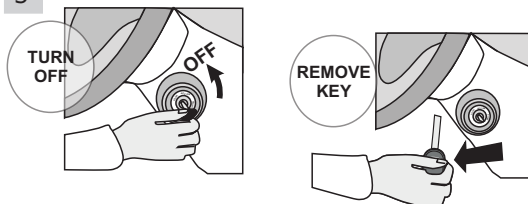
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

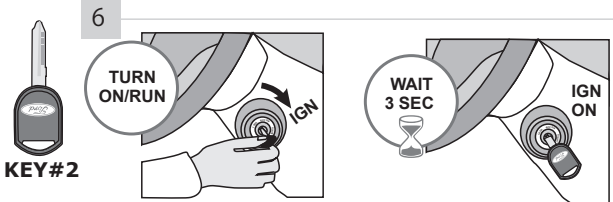
5



Turn the key to the OFF position.

Remove the first key.

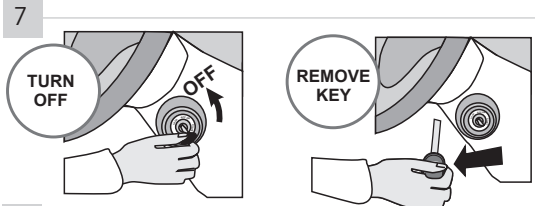
KEY BYPASS PROGRAMMING PROCEDURE 2/2



KEY#2

Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



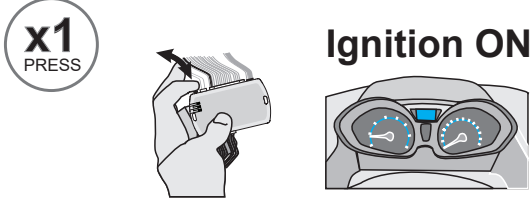
Turn the key to the OFF position.

Remove the second key.

8

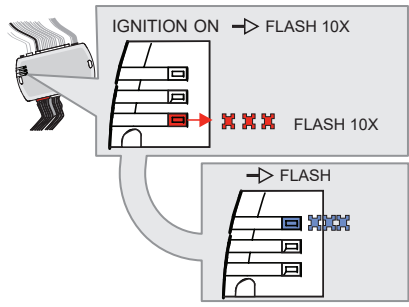
CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.

5 sec. max



Press and release the programming button.

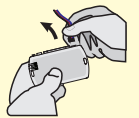
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE |

Parts required (not included)

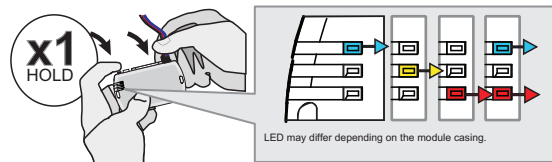
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection



OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- 1x Smartphone *Android or iOS* with Internet connection
(Internet provider charges may apply)

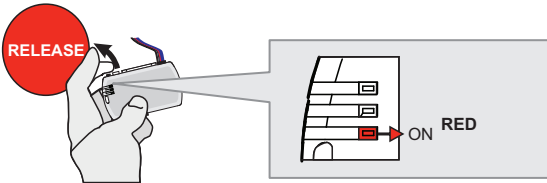
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

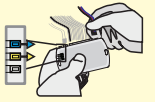
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

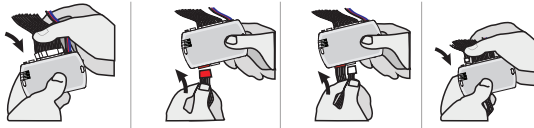


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

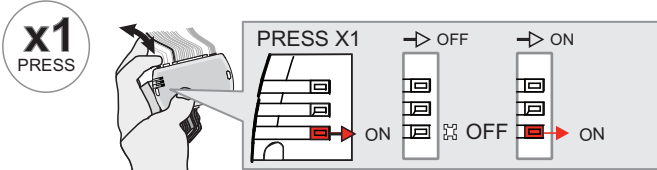


3



Insert the required remaining connectors.

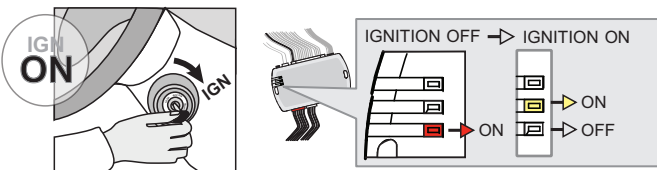
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5

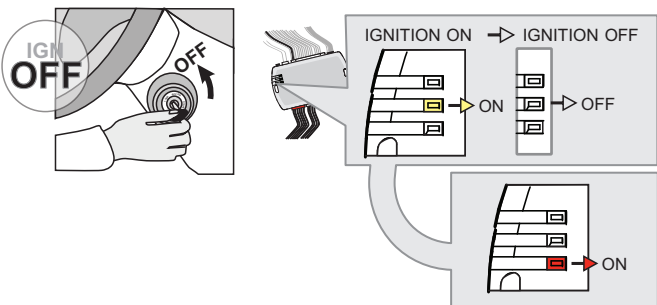


Turn the key to the Ignition ON/RUN position.

↳ The YELLOW LED will turn on.

↳ The RED LED will turn OFF.

6

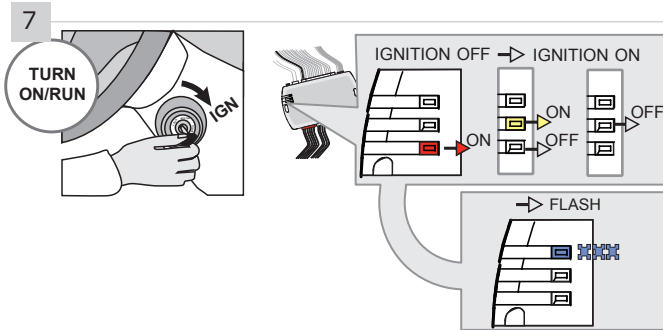


Turn the key to the OFF position.

↳ The YELLOW LED will turn OFF.

↳ The RED LED will turn on.

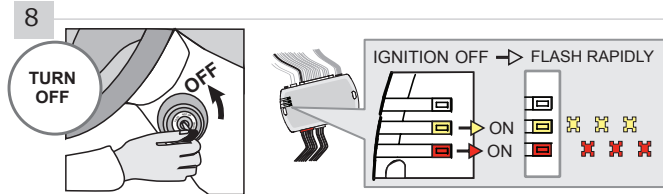
KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the key to the Ignition ON/RUN position.

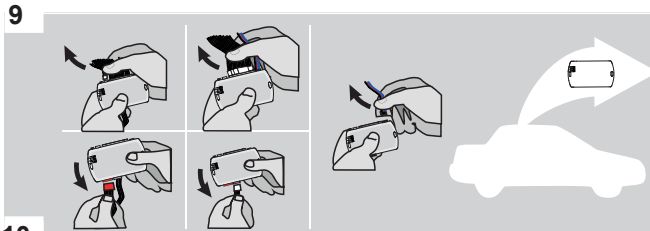
- ↳ The YELLOW LED will turn on and off.
- ↳ The RED LED will turn OFF.

↳ **WAIT**, the BLUE LED to flash rapidly.

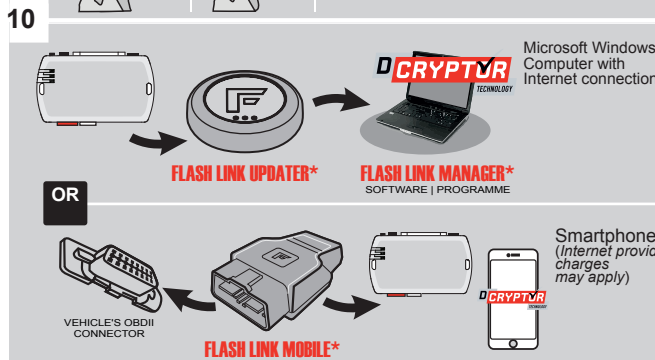


Turn the key to the OFF position.

- ↳ The RED and YELLOW LEDs will alternate.

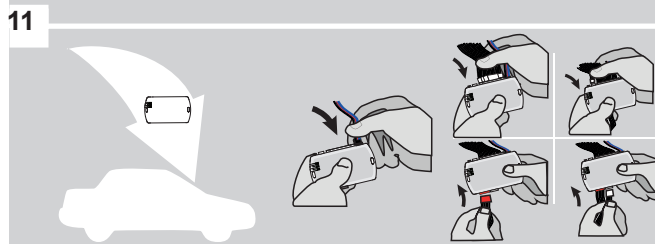


Disconnect all the connectors and after the Data-Link (4-pins) connector.



Use the tool: **FLASH LINK UPDATER** or **FLASH LINK MOBILE** to visit the DCryptor menu.

*Parts required (not included)



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

THAR-FOR4 THARNESSE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)															
		Immobilizer bypass	Lock	Unlock	Arm	Disarm	RAP Disable	Trunk Release	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	R.S. OEM remote Stand Alone compatible
FORD																	
Escape	80-BITS 2013-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
C-MAX hybrid	80-BITS 2013-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Kuga	80-BITS 2013-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Transit Connect	80-BITS 2014-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	OFF	Hood trigger (Output Status).
--	------------	-----	-------------------------------

	UNIT OPTION	DESCRIPTION
	Program bypass option: C1	OEM Remote status (Lock/Unlock) monitoring


Parts required (Not included)

- 1x Diode 1 Amp
- 2x Diode 3 Amp
- 1x Fusible 10 AMP

NOTES

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

MANDATORY INSTALL

***HOOD PIN**

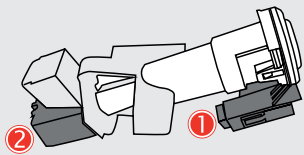

HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11
OFF

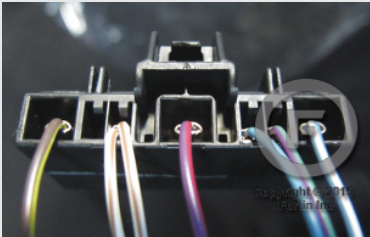
Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

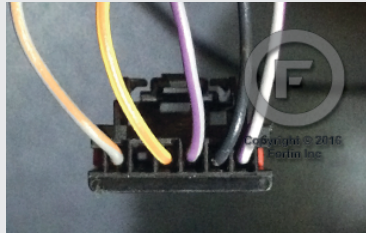
DESCRIPTION



① At ignition barrel

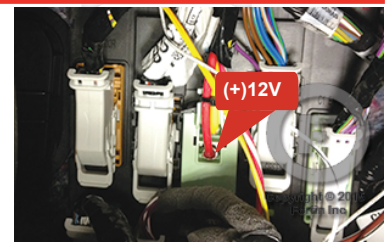


② Immobilisator



RX and TX of the module

④ BCM, Fuse box, behind glove box



⑤ Driver kick panel

Escape Kuga	Module (-)Unlock Signal Purple/ Orange	DOORSIDE CÔTÉ PORTE
C-MAX Tansit Connect	Purple/ Gray	Driver Door Pin

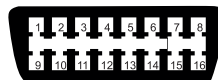
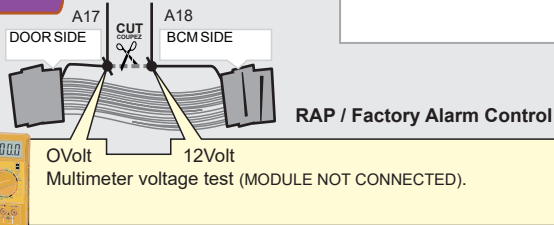
BCMSIDE
CÔTÉ BCM

(-)Unlock

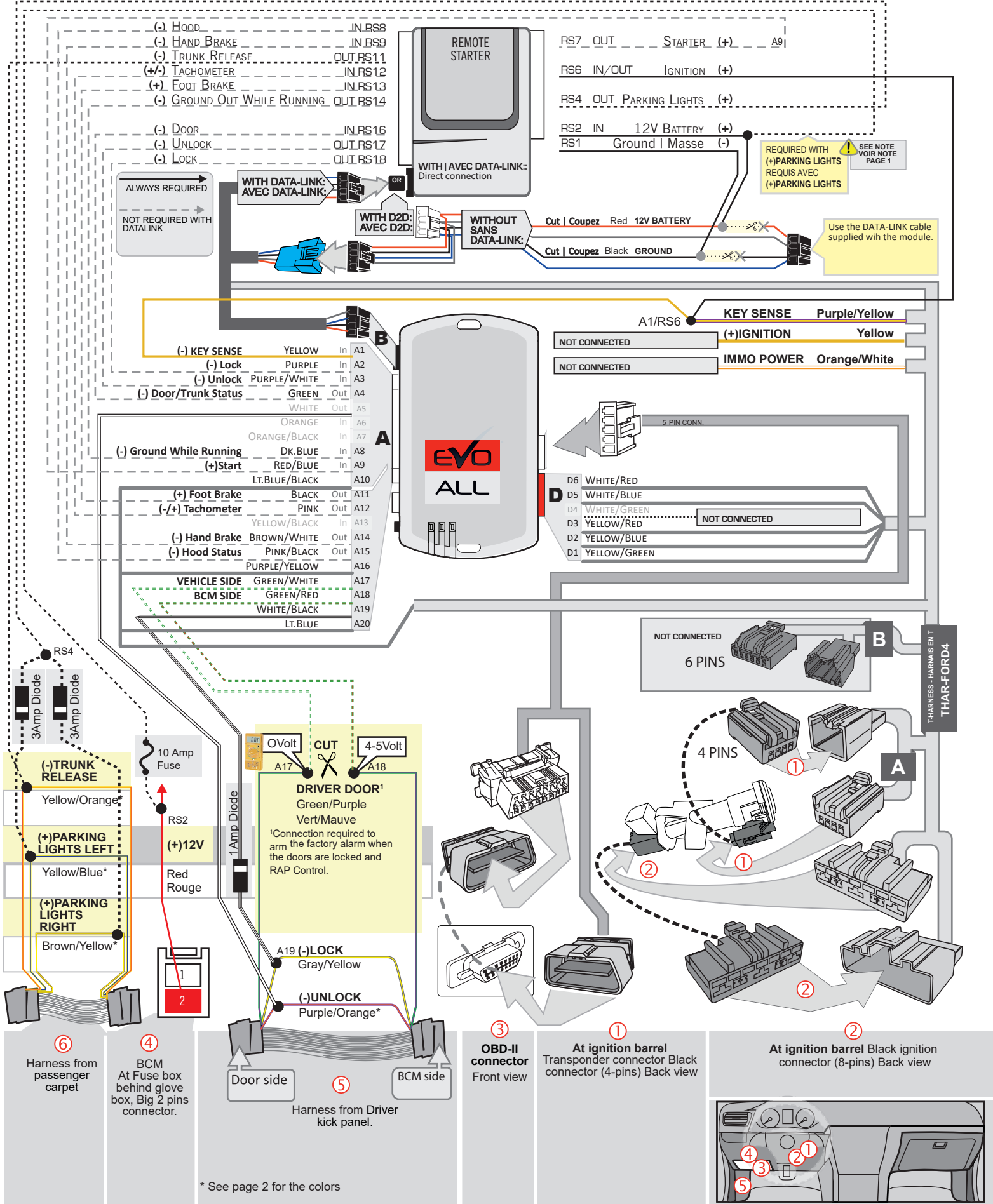


③ OBD-II connector

⑥ Harness under passenger-side carpet.




WIRING CONNECTION



KEY BYPASS PROGRAMMING PROCEDURE 1/2

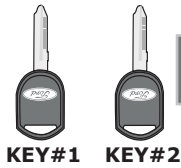
Choose between :



2 key programming.

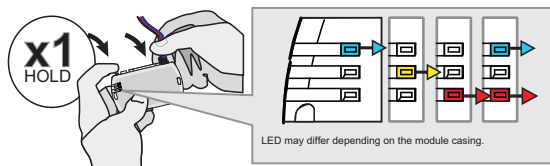


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

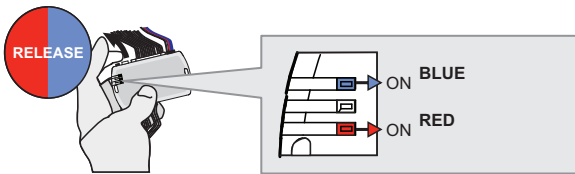
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

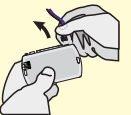
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

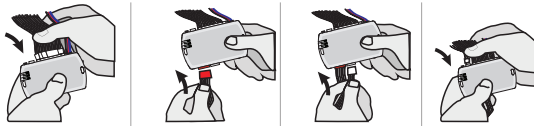


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

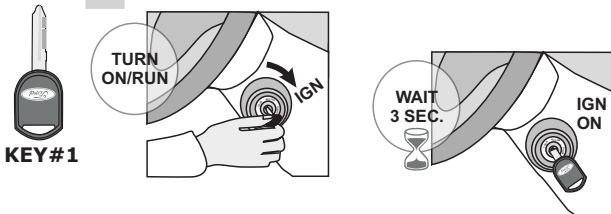


3



Insert the required remaining connectors.

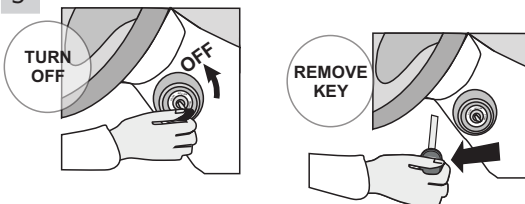
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

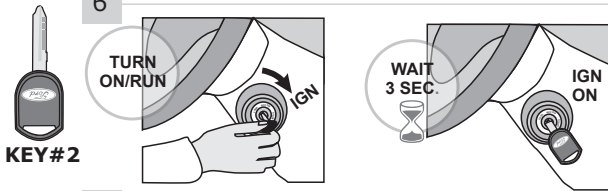
5



Turn the key to the OFF position.

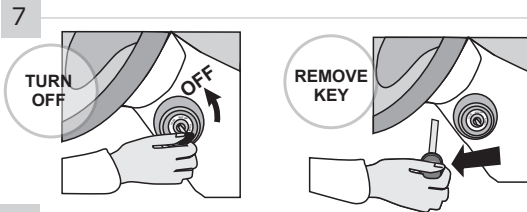
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



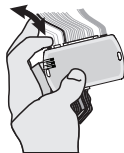
Turn the key to the OFF position.

Remove the second key.

8

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.

x1
PRESS
HOLD
RELEASE

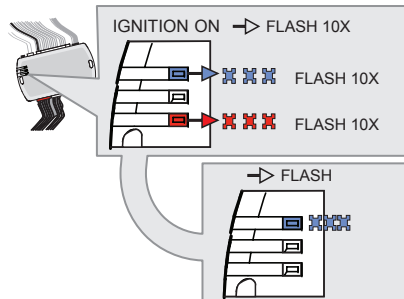


Ignition ON



Press and hold the programming button until the vehicle ignition turn ON.

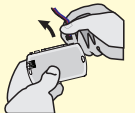
Release the programming button.



↳ The RED and BLUE LEDs will flash rapidly 10x times.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

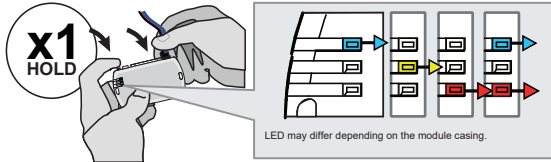
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- Smartphone Android or iOS with Internet connection
(Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

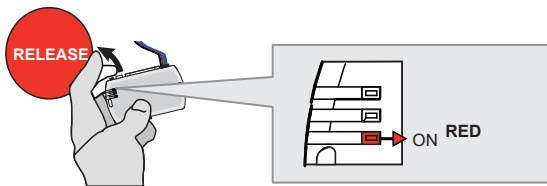
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

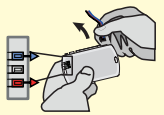
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

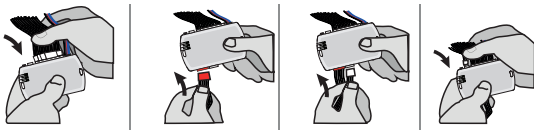


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

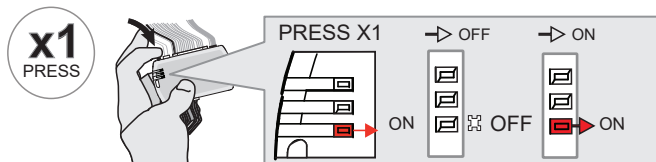


3



Insert the required remaining connectors.

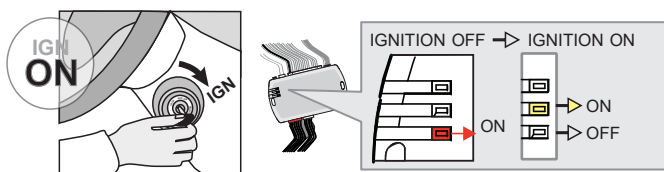
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



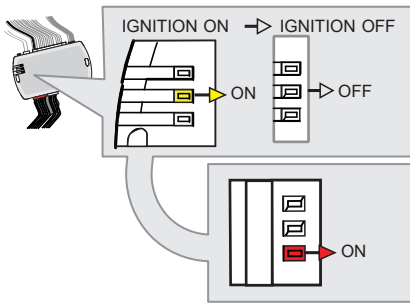
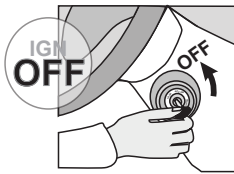
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

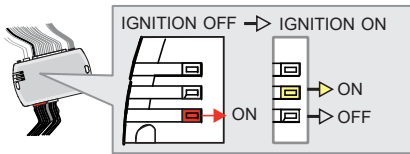
6



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

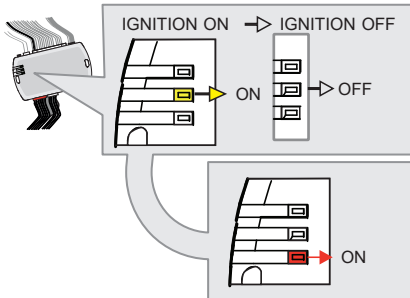
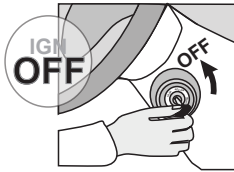
↳ The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳ The RED LED will turn OFF.
↳ The YELLOW LED will turn on.

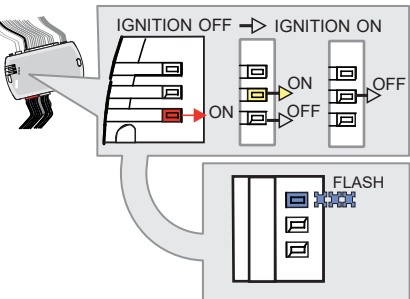
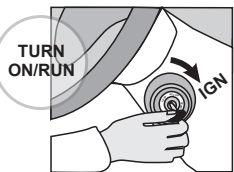
8



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

↳ The RED LED will turn on.

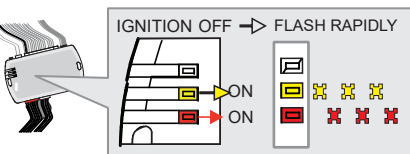
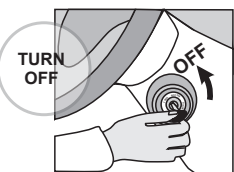
9



Turn the key to the Ignition ON/RUN position.
↳ The YELLOW LED will turn on and off.
↳ The RED LED will turn OFF.

↳ WAIT, the BLUE LED to flash rapidly.

10

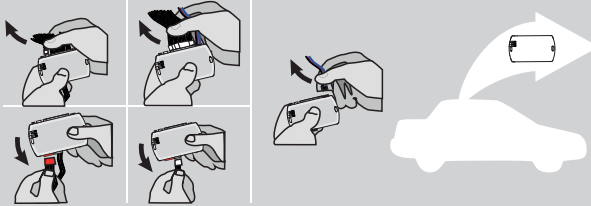


Turn the key to the OFF position.

↳ The RED and YELLOW LEDs will alternate.

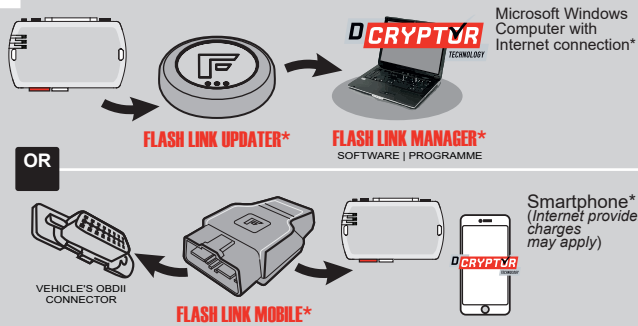
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



Disconnect all the connectors and after the Data-Link (4-pins) connector.

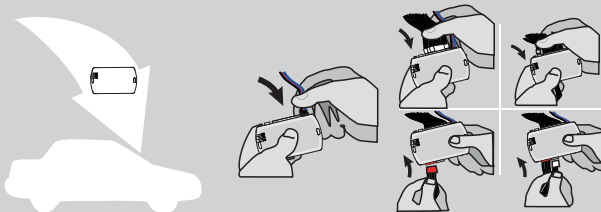
12



Use the tool: FLASH LINK UPDATER or FLASH LINK MOBILE to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED Go back to the vehicle and reconnect the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

THAR-FOR4 THARNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)															
		Immobilizer bypass	T-Harness Harnais en T	Lock	Unlock	Arm	Disarm	Parking Lights	RAP Disable	Trunk Release	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD																	
Escape	80-BITS 2017-2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•


FIRMWARE VERSION
71.[52]
 MINIMUM

 To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

**Program bypass option
IF THE VEHICLE IS NOT EQUIPPED
WITH FUNCTIONAL HOOD PIN:**
UNIT OPTION
DESCRIPTION
A11
OFF

Hood trigger (Output Status).


Parts required (Not included)

- 2x Diode 3 Amp
- 1x Fusible 10 AMP
- 1x **THAR-FOR4**

NOTES

ATTENTION THE T-HARNES CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

MANDATORY INSTALL
***HOOD PIN**

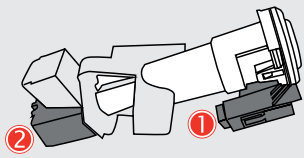

HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11
OFF

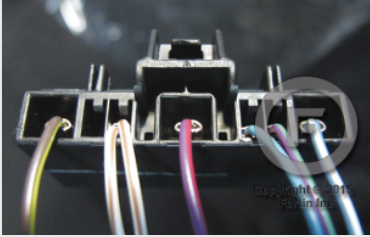
Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

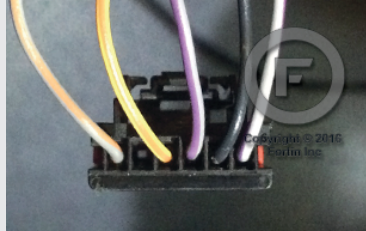
DESCRIPTION



① At ignition barrel

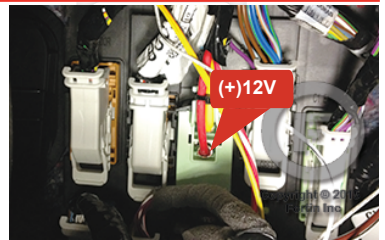


② Immobilisator



RX and TX of the module

④ BCM, Fuse box, behind glove box



⑤ Driver kick panel

Escape Kuga	Module (-)Unlock Signal Purple/ Orange	DOORSIDE CÔTÉ PORTE
C-MAX Tansit Connect	Purple/ Gray	Driver Door Pin

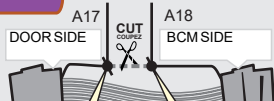
BCMSIDE
CÔTÉ BCM

(-)Unlock



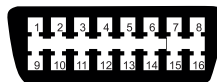
③ OBD-II connector

⑥ Harness under passenger-side carpet.

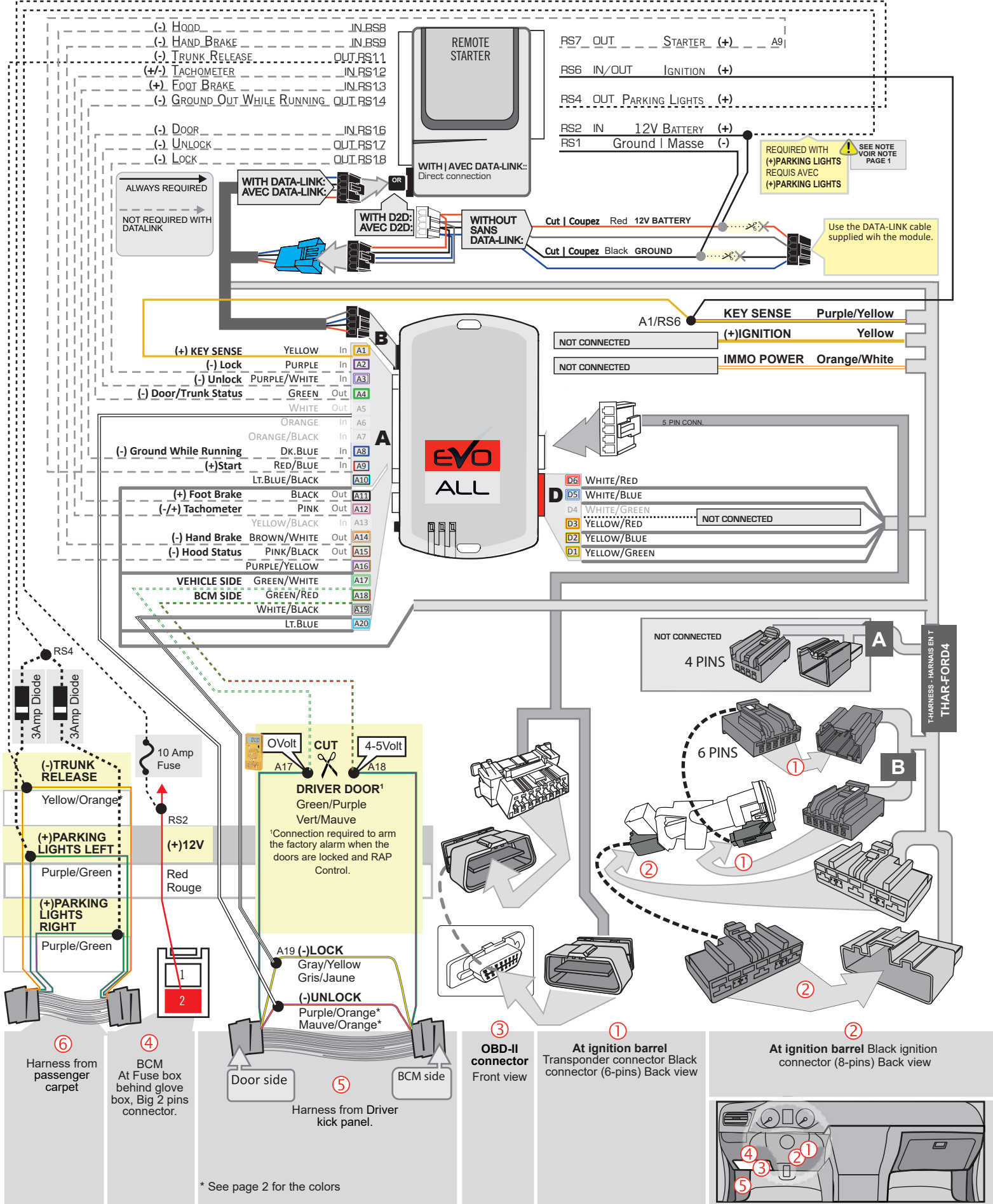


RAP / Factory Alarm Control

0Volt 12Volt
Multimeter voltage test (MODULE NOT CONNECTED).




WIRING CONNECTION



* See page 2 for the colors

KEY BYPASS PROGRAMMING PROCEDURE 1/2

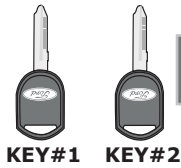
Choose between :



2 key programming.

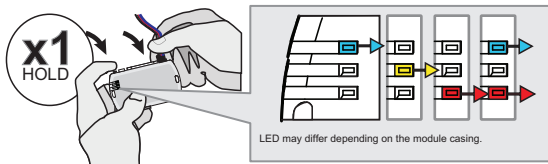


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

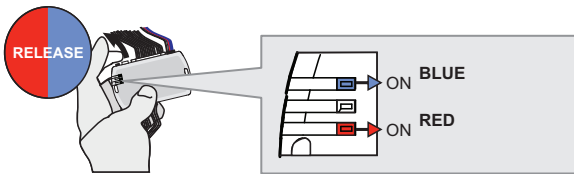
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

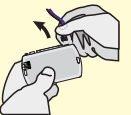
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

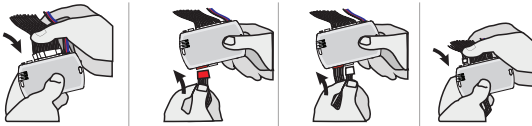


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

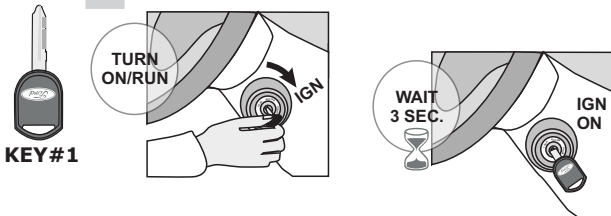


3



Insert the required remaining connectors.

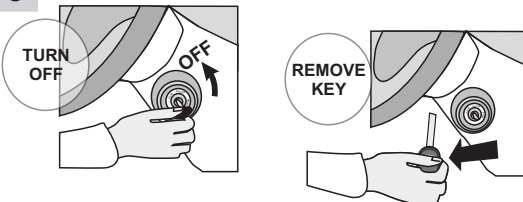
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

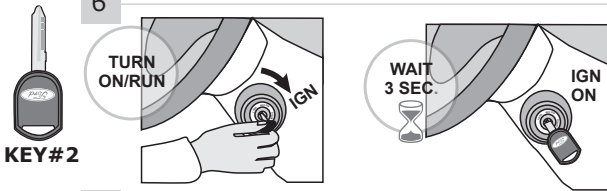
5



Turn the key to the OFF position.

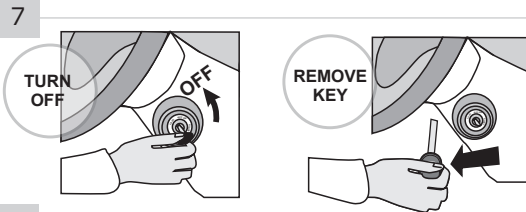
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2 |




Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

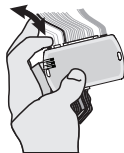


Turn the key to the OFF position.

Remove the second key.

8  **CAUTION** The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.

x1
PRESS
HOLD
RELEASE

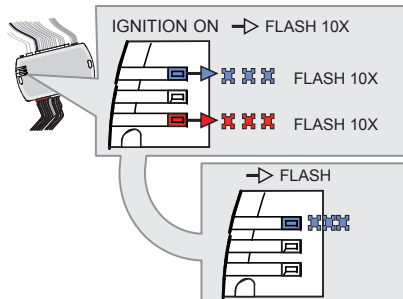


Ignition ON



Press and hold the programming button until the vehicle ignition turn ON.

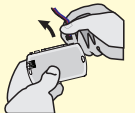
Release the programming button.



↳ The RED and BLUE LEDs will flash rapidly 10x times.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

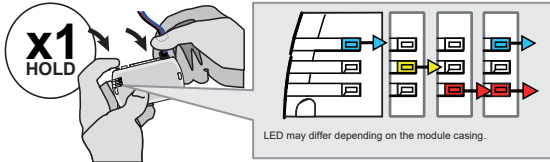
- 1x FLASH LINK UPDATER, SOFTWARE | PROGRAMME
- 1x FLASH LINK MANAGER
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x FLASH LINK MOBILE
- 1x FLASH LINK MOBILE APP
- 1x Smartphone Android or iOS with Internet connection (Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

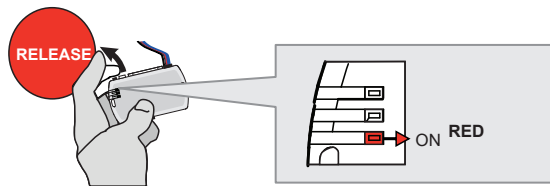
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

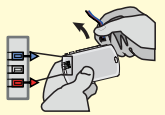
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

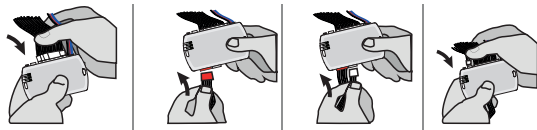


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

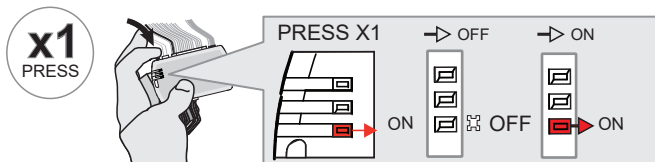


3



Insert the required remaining connectors.

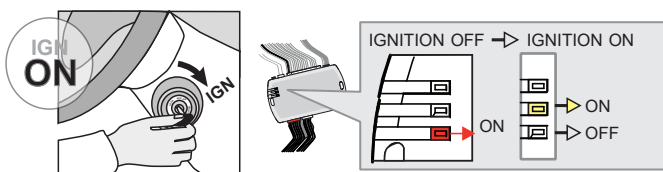
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



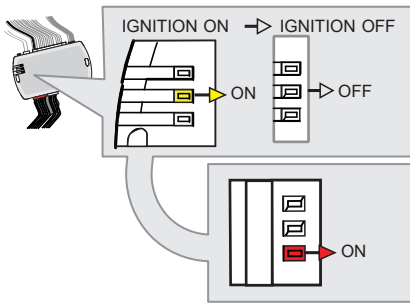
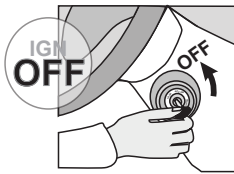
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

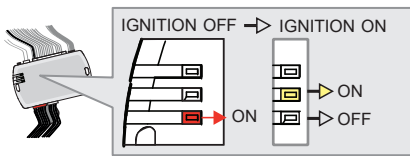
6



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

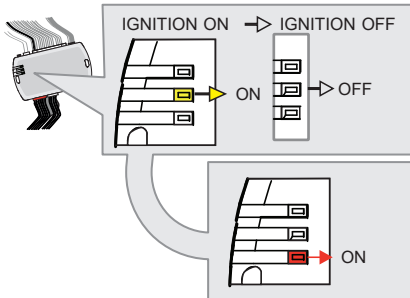
↳The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳The RED LED will turn OFF.
↳The YELLOW LED will turn on.

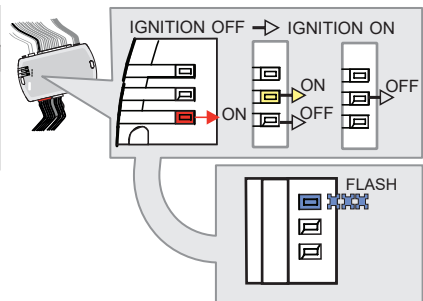
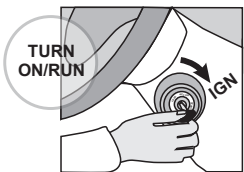
8



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

↳The RED LED will turn on.

9

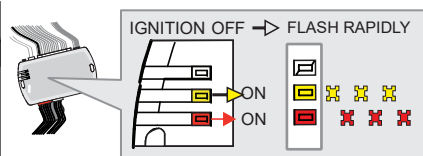
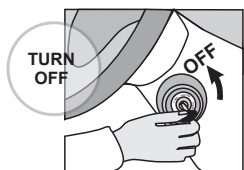


Turn the key to the Ignition ON/RUN position.
↳The YELLOW LED will turn on and off.

↳The RED LED will turn OFF.

↳WAIT, the BLUE LED to flash rapidly.

10

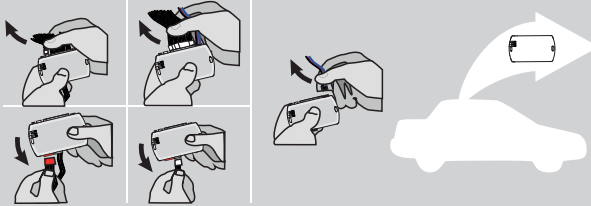


Turn the key to the OFF position.

↳The RED and YELLOW LEDs will alternate.

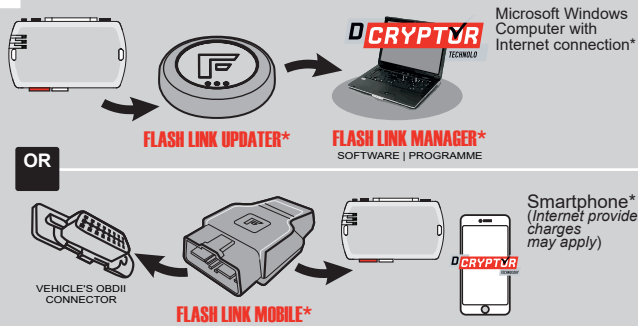
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



Disconnect all the connectors and after the Data-Link (4-pins) connector.

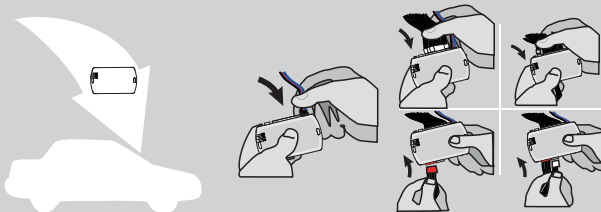
12



Use the tool: **FLASH LINK UPDATER** or **FLASH LINK MOBILE** to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

THAR-FOR4 THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	RAP Disable	Trunk Release	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD																	
Fiesta	2011-2013	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

	Program bypass option IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	UNIT OPTION	DESCRIPTION
		A11	<input type="checkbox"/> OFF
			Hood trigger (Output Status).

	Program bypass option:	UNIT OPTION	DESCRIPTION
		C1	
			OEM Remote status (Lock/Unlock) monitoring

NOTES



Parts required (Not included)

- 1x Relay (Parking lights)
- 3x **THAR-FOR4**
- 1x Fuse

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

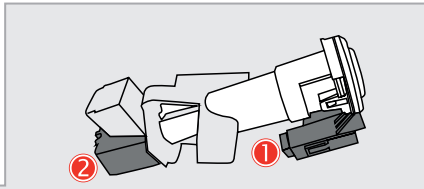
A11

OFF

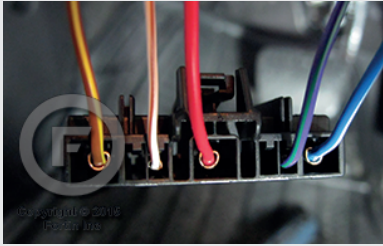
Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION



② At ignition barrel

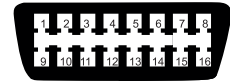


① Immobilisator

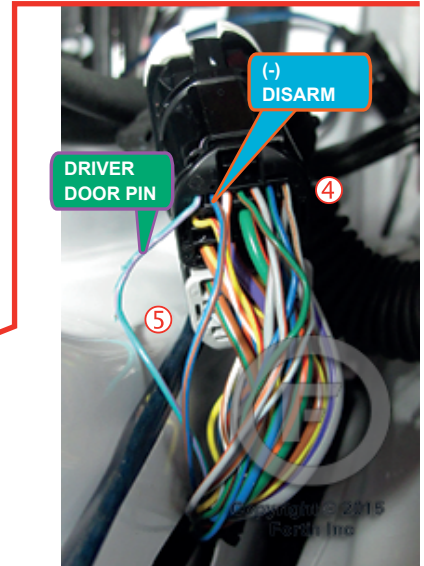


RX and TX of the module

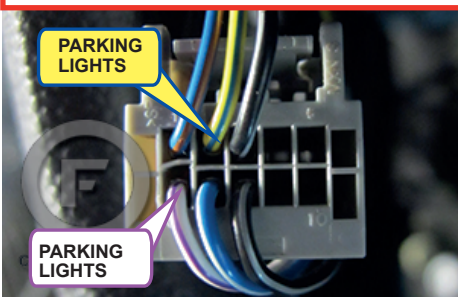
③ OBDII connector



④ ⑤ From Driver door boot



⑥ Parking Lights switch



DESCRIPTION

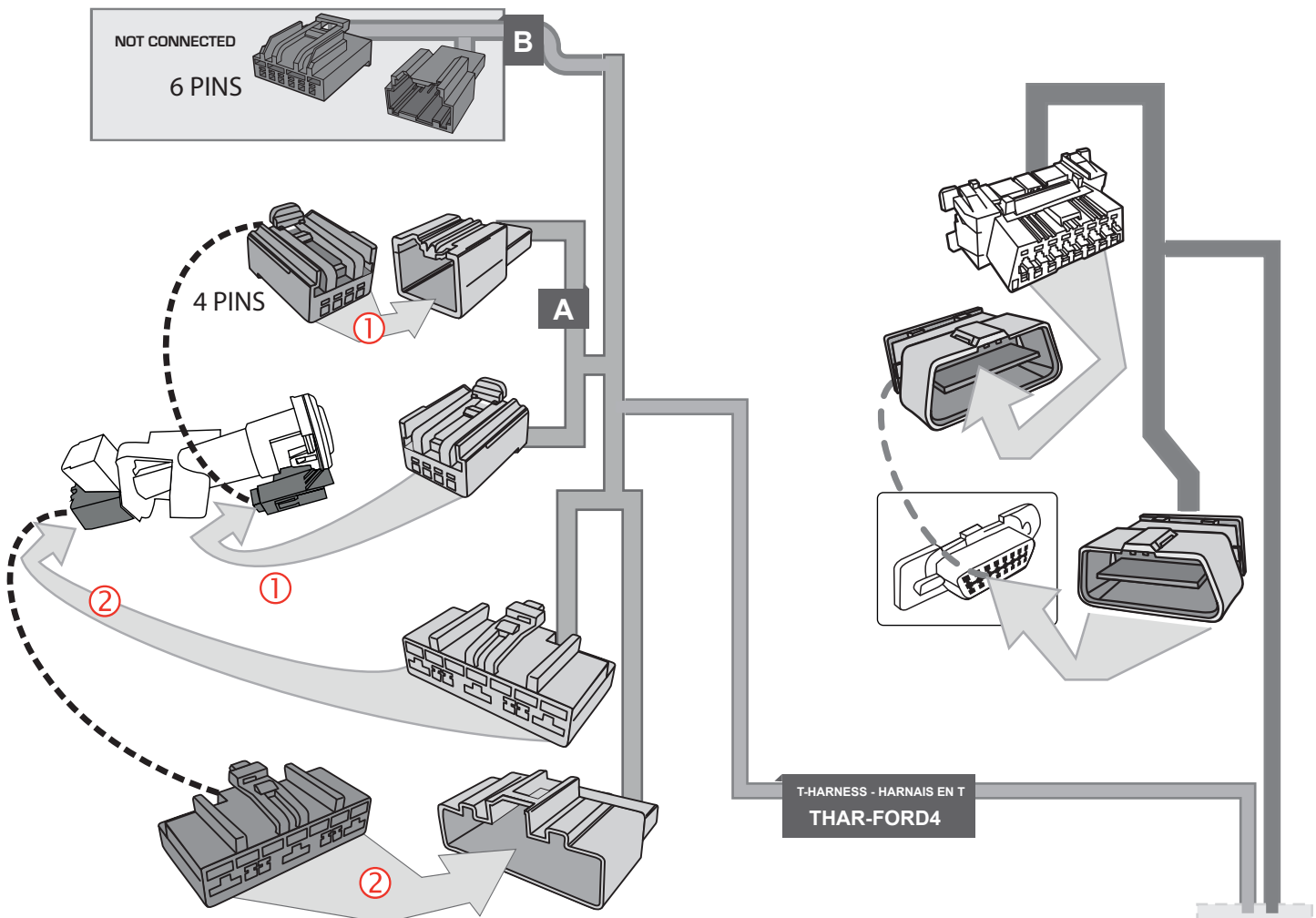
12V BATTERY



ATTENTION
THE T-HARNESS CURRENT
IS LIMITED AT 5 AMP MAXIMUM.

If the parking lights (+) require more than 5Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

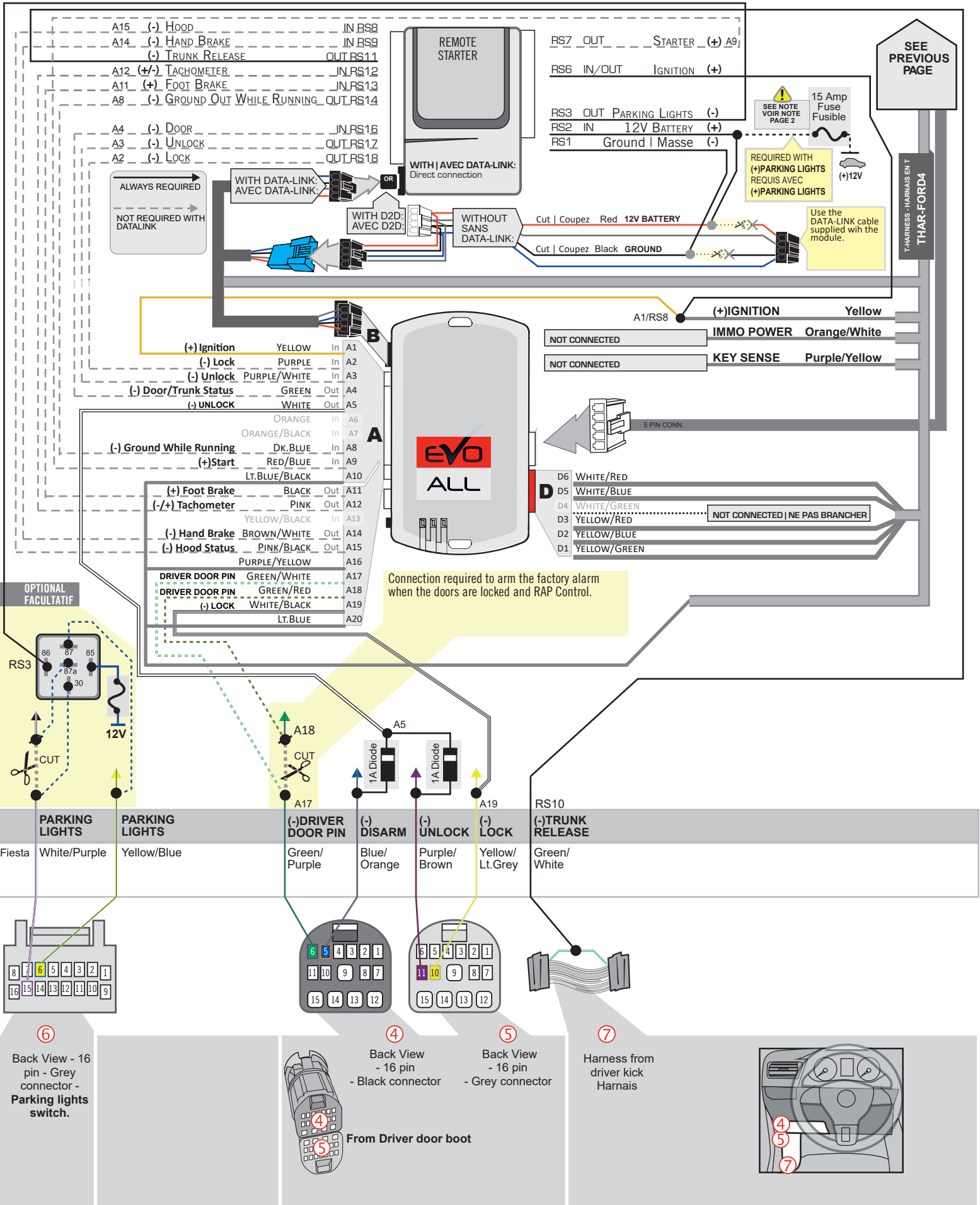


See next page




Make the connection between the UNIT and the T-HARNESS

AUTOMATIC TRANSMISSION WIRING CONNECTION




KEY BYPASS PROGRAMMING PROCEDURE 1/2

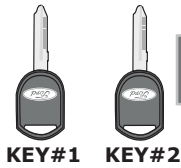
Choose between :



2 key programming.

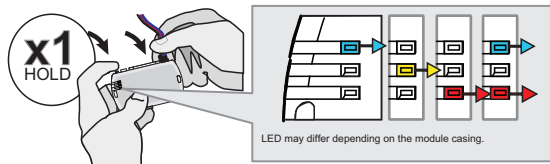


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

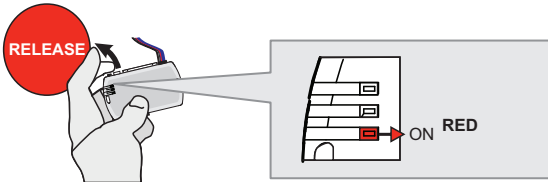
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

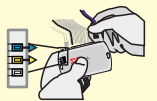
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

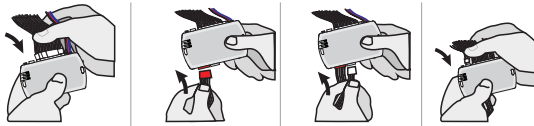


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

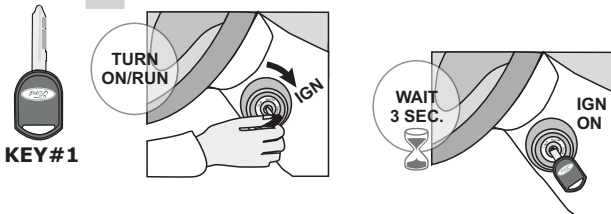


3



Insert the required remaining connectors.

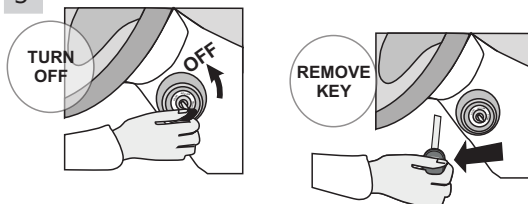
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

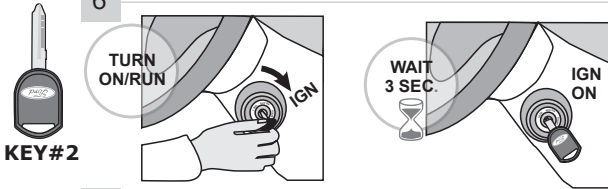
5



Turn the key to the OFF position.

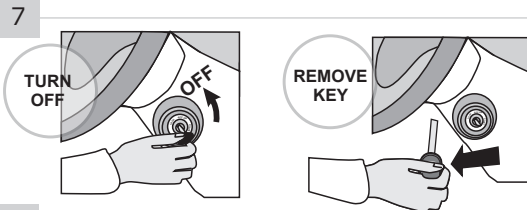
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

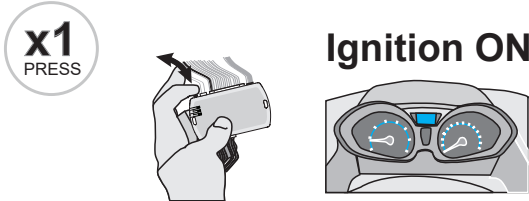


Turn the key to the OFF position.

Remove the second key.

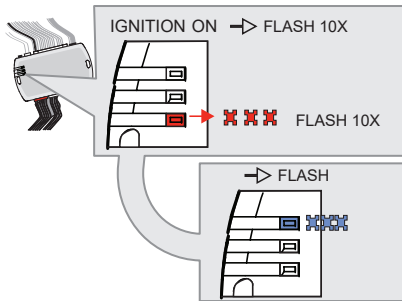
8

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.



Press and release the programming button.

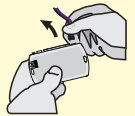
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

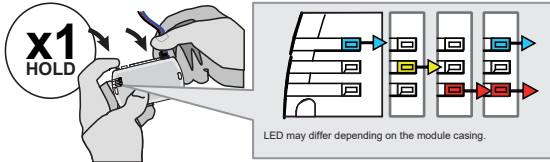
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- Smartphone Android or iOS with Internet connection
(Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

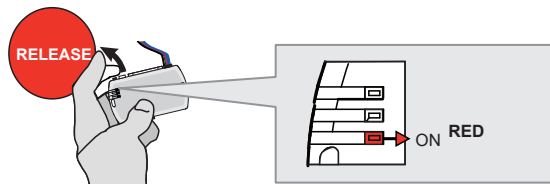
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

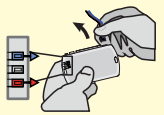
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

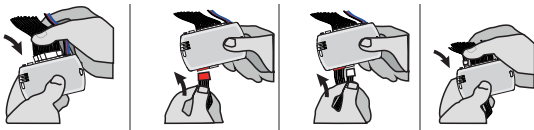


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

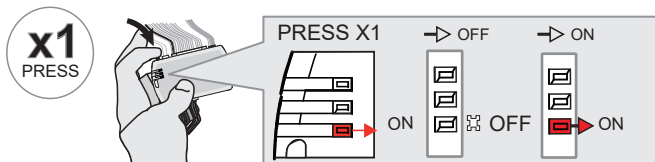


3



Insert the required remaining connectors.

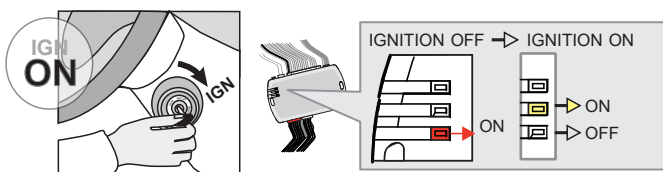
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



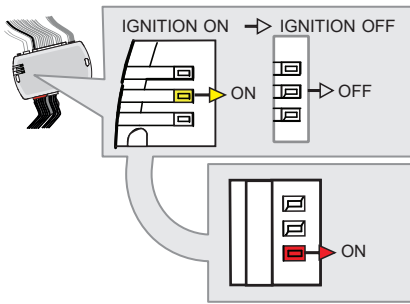
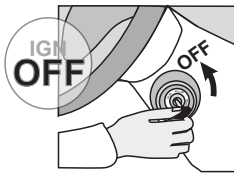
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

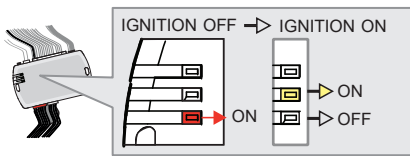
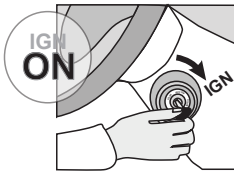
6



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

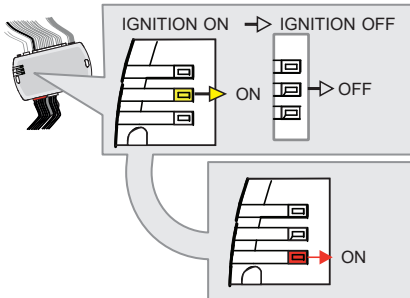
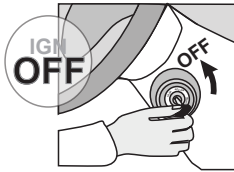
↳The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳The RED LED will turn OFF.
↳The YELLOW LED will turn on.

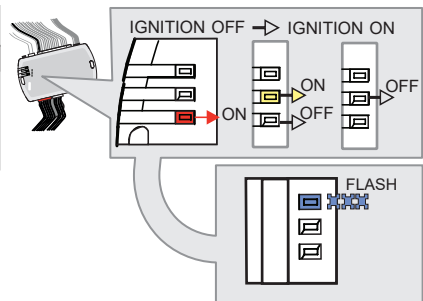
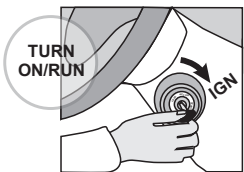
8



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

↳The RED LED will turn on.

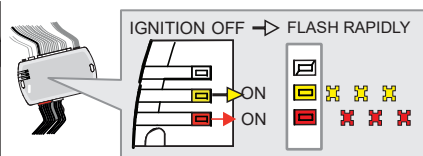
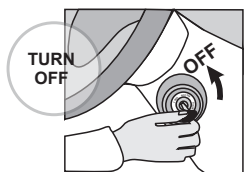
9



Turn the key to the Ignition ON/RUN position.
↳The YELLOW LED will turn on and off.
↳The RED LED will turn OFF.

↳WAIT, the BLUE LED to flash rapidly.

10

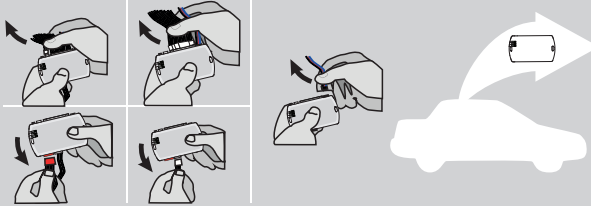


Turn the key to the OFF position.

↳The RED and YELLOW LEDs will alternate.

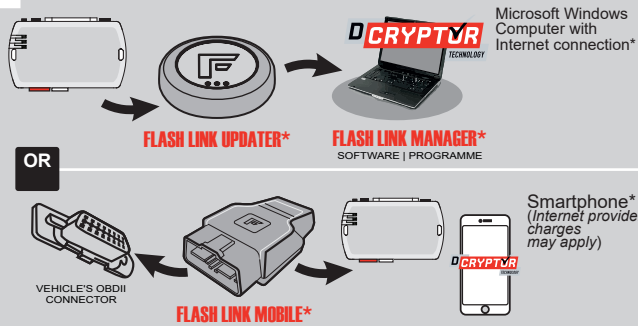
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



Disconnect all the connectors and after the Data-Link (4-pins) connector.

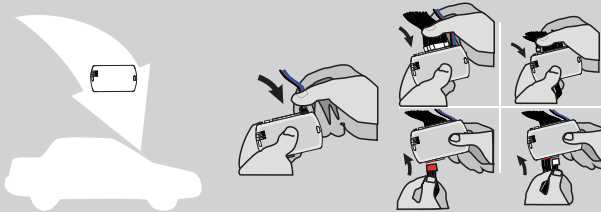
12



Use the tool:
FLASH LINK UPDATER or
FLASH LINK MOBILE
to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

THAR-FOR4 THARNESSE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION


ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)															
		Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	RAP Disable	Trunk Release	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
Fiesta	2014-2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

	FIRMWARE VERSION	To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately.
	71.[49] FORD MINIMUM	

	Program bypass option IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	UNIT OPTION	DESCRIPTION
		A11	OFF

	Program bypass option:	UNIT OPTION	DESCRIPTION
		C1	OEM Remote status (Lock/Unlock) monitoring

NOTES

Parts required (Not included)

- 1x THAR-FOR4
- 1x Relay (Parking lights)
- 2x 1 Amp. Diode
- 1x Fuse

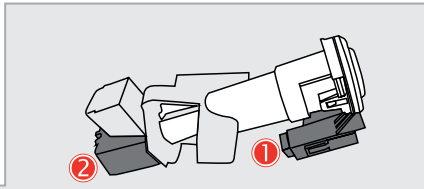
MANDATORY INSTALL
***HOOD PIN**

HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

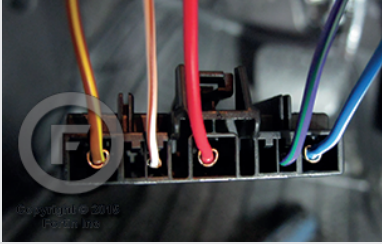
A11
OFF
Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION



② At ignition barrel

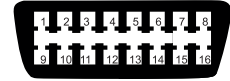


① Immobilisator

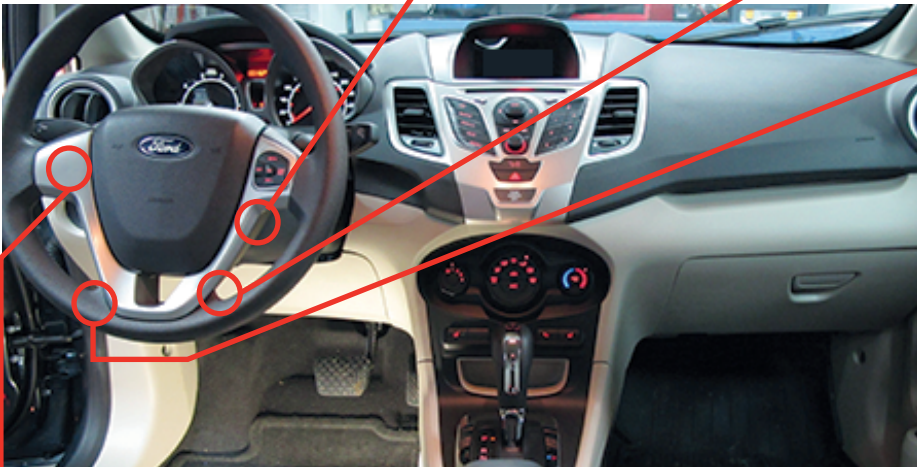
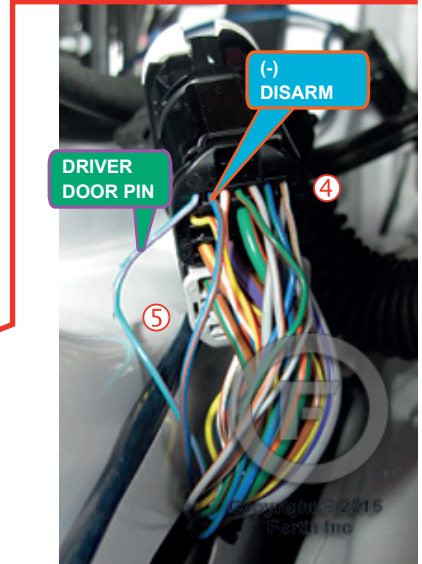


RX and TX of the module

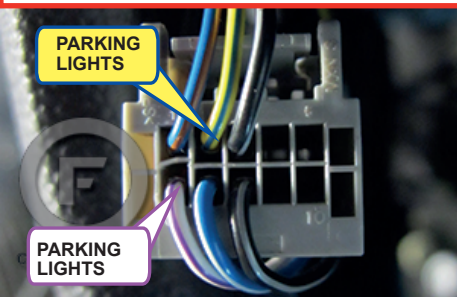
③ OBDII connector



④ ⑤ From Driver door boot



⑥ Parking Lights switch



DESCRIPTION

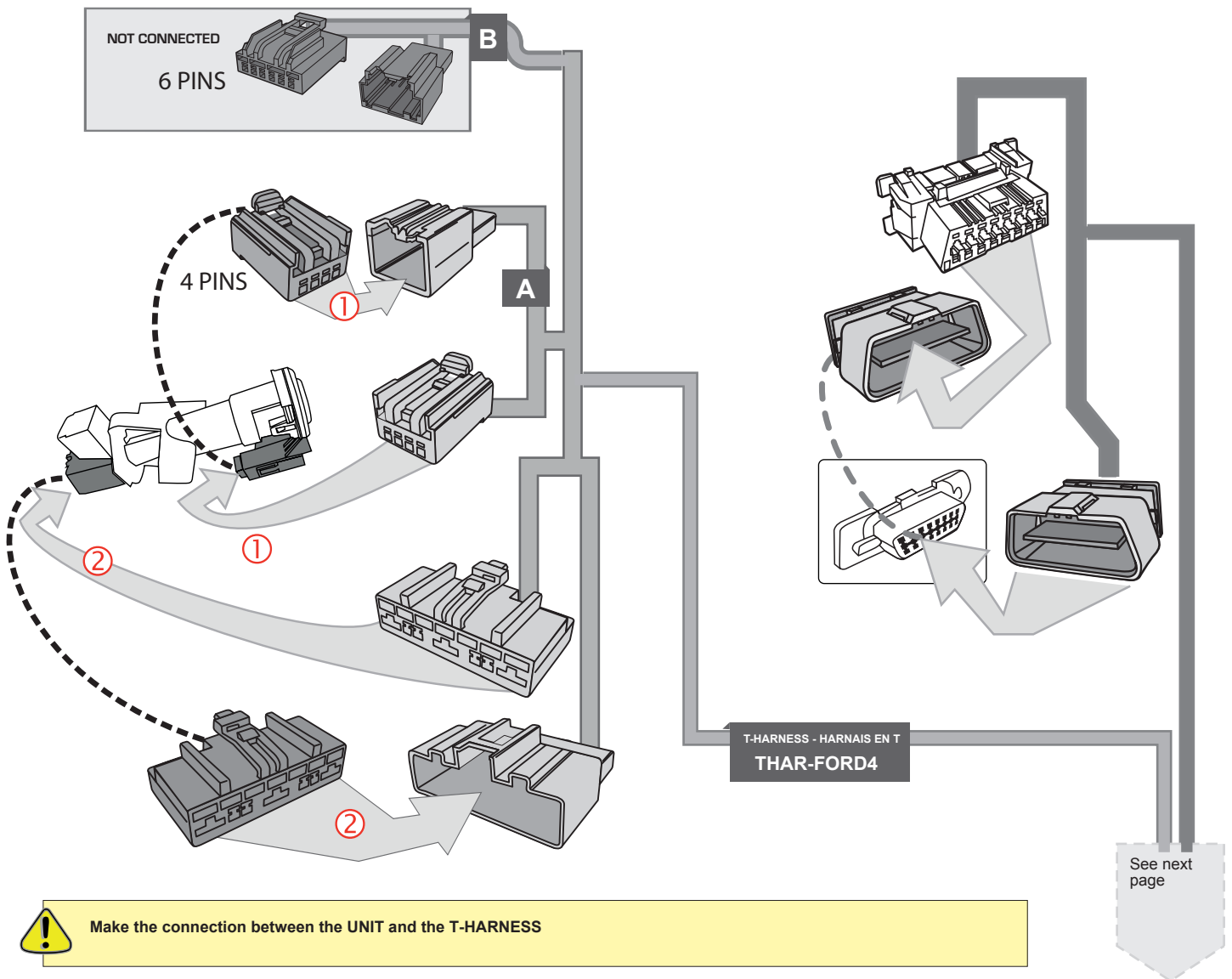
12V BATTERY



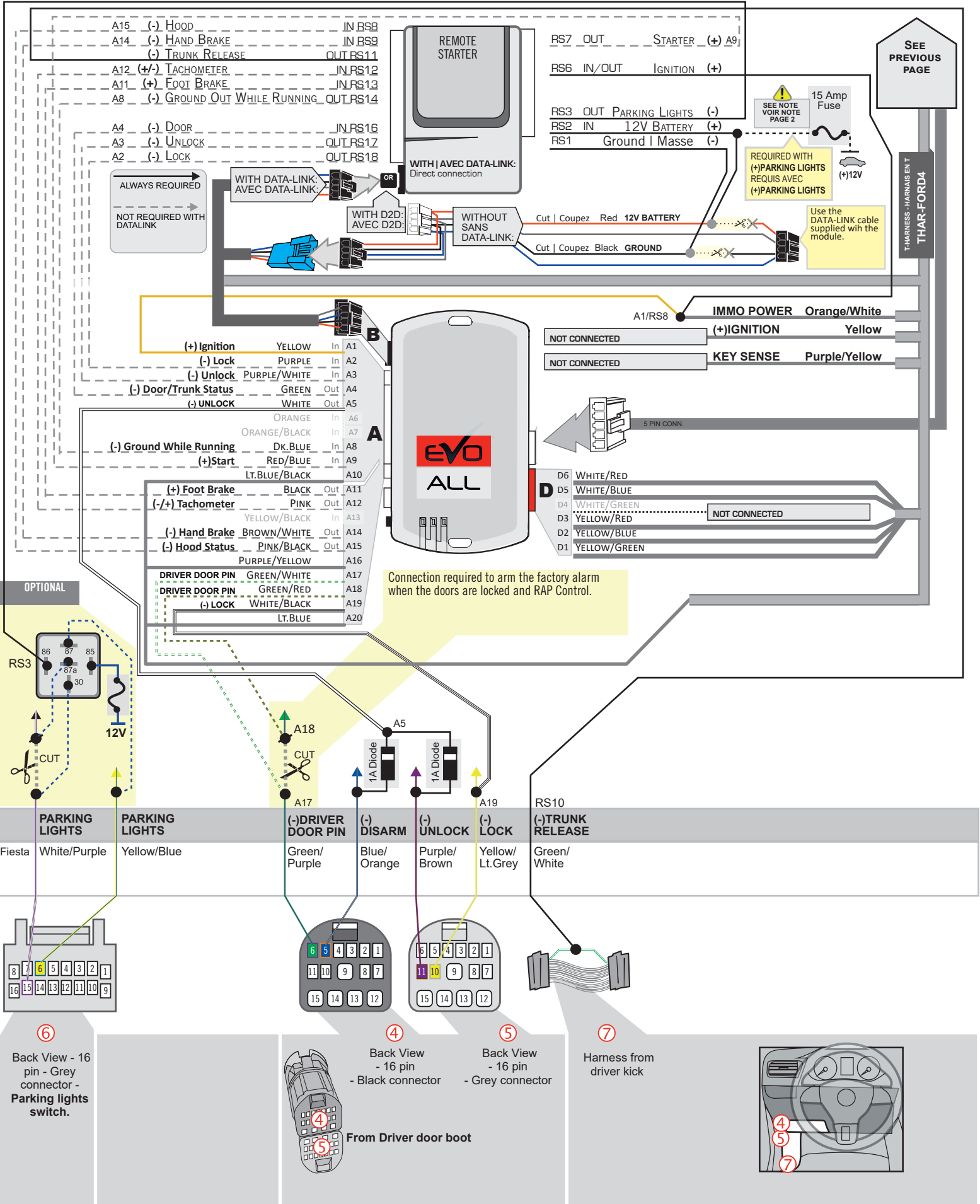
ATTENTION
THE T-HARNESS CURRENT
IS LIMITED AT 5 AMP MAXIMUM.

If the parking lights (+) require more than 5Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

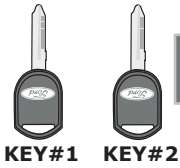
Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.



AUTOMATIC TRANSMISSION WIRING CONNECTION

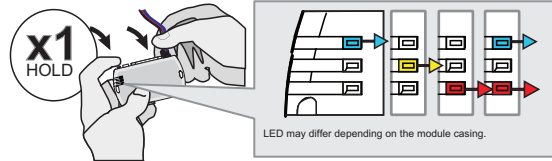


KEY BYPASS PROGRAMMING PROCEDURE 1/2



2 KEY REQUIRED

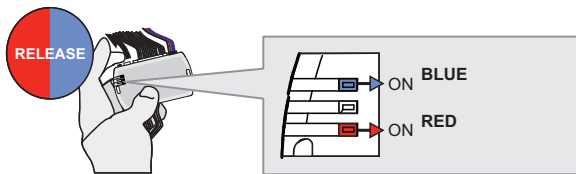
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

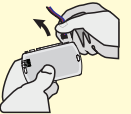
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

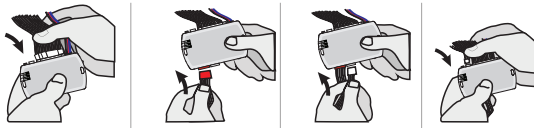


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

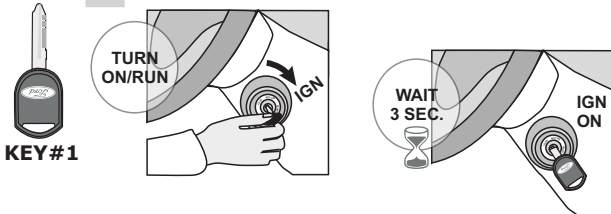


3



Insert the required remaining connectors.

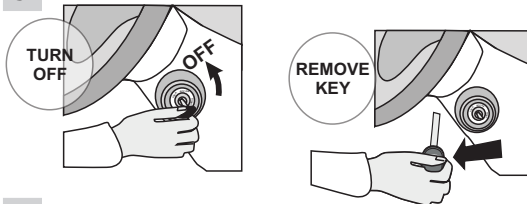
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

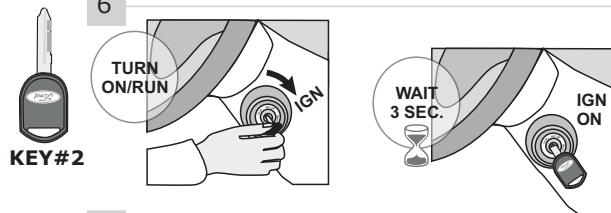
5



Turn the key to the OFF position.

Remove the first key.

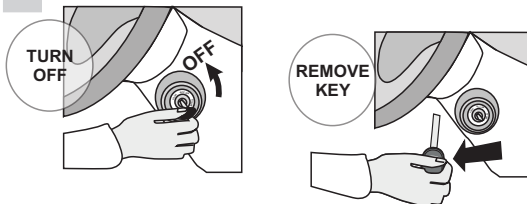
6



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

7



Turn the key to the OFF position.

Remove the second key.

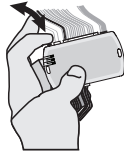
KEY BYPASS PROGRAMMING PROCEDURE 2/2

8



5 sec. max

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.

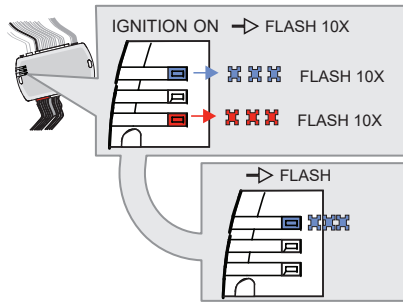


Ignition ON



Press and hold the programming button until the vehicle ignition turn ON.

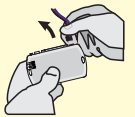
Release the programming button.



↳ The RED LED will flash rapidly 10x times.
Key bypass programmed.

↳ The BLUE LED will flash rapidly.
CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

THAR-FOR4 THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE		Vehicle functions supported in this diagram (functional if equipped)													
VEHICLE	YEARS	Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	RAP Disable	Horn	Tachometer	Door Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	
FORD															
Flex	40-bits 2009-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	




FIRMWARE VERSION

71.[49]


FORD MINIMUM


To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.



Parts required (Not included)

- 1x Fuse 10 AMP
- 1x Fuse

	Program bypass option (If this option is not OFF the Ignition will turn On when the door are unlock):	UNIT OPTION	DESCRIPTION
		A5	OFF
			AUX.1

	Program bypass option:	UNIT OPTION	DESCRIPTION
		C1	OEM Remote status (Lock/Unlock) monitoring

NOTES


ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

MANDATORY INSTALL

***HOOD PIN**



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

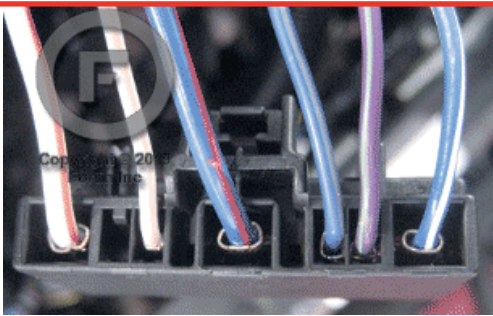
A11	OFF
------------	-----

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

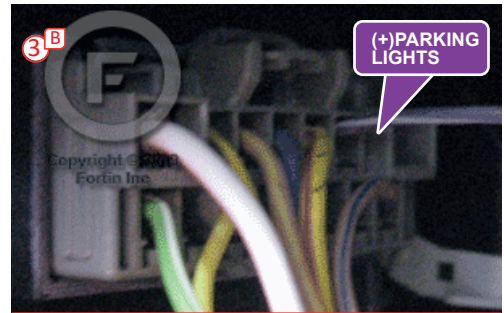
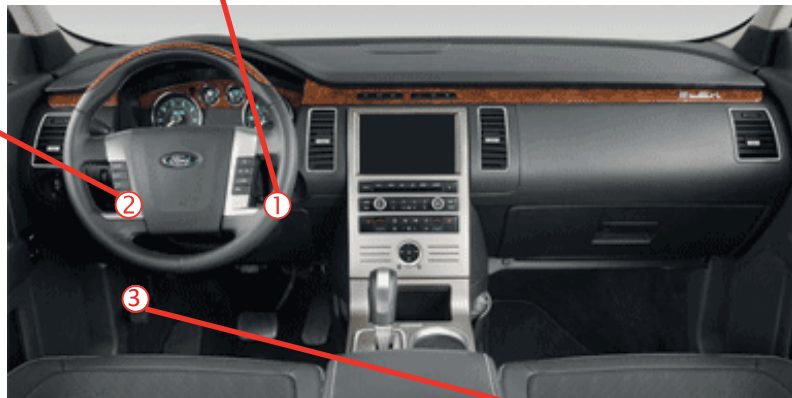
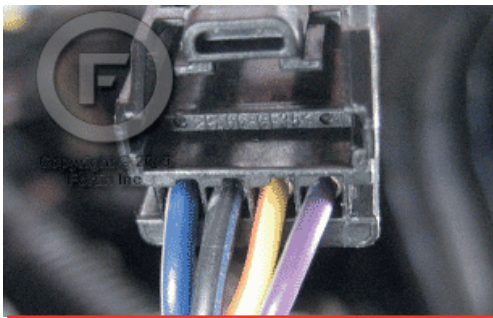
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

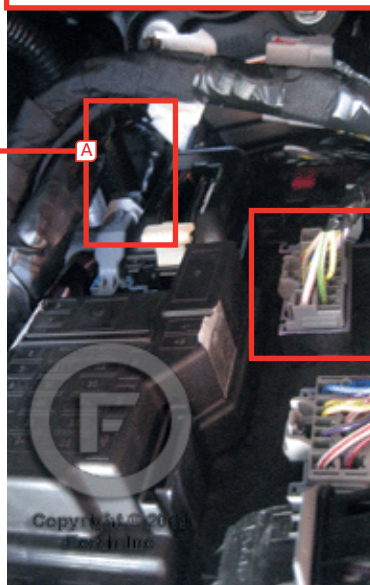
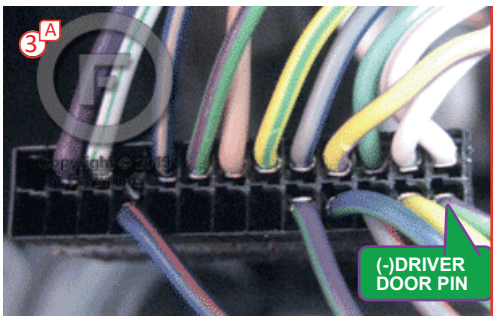
② Ignition barrel



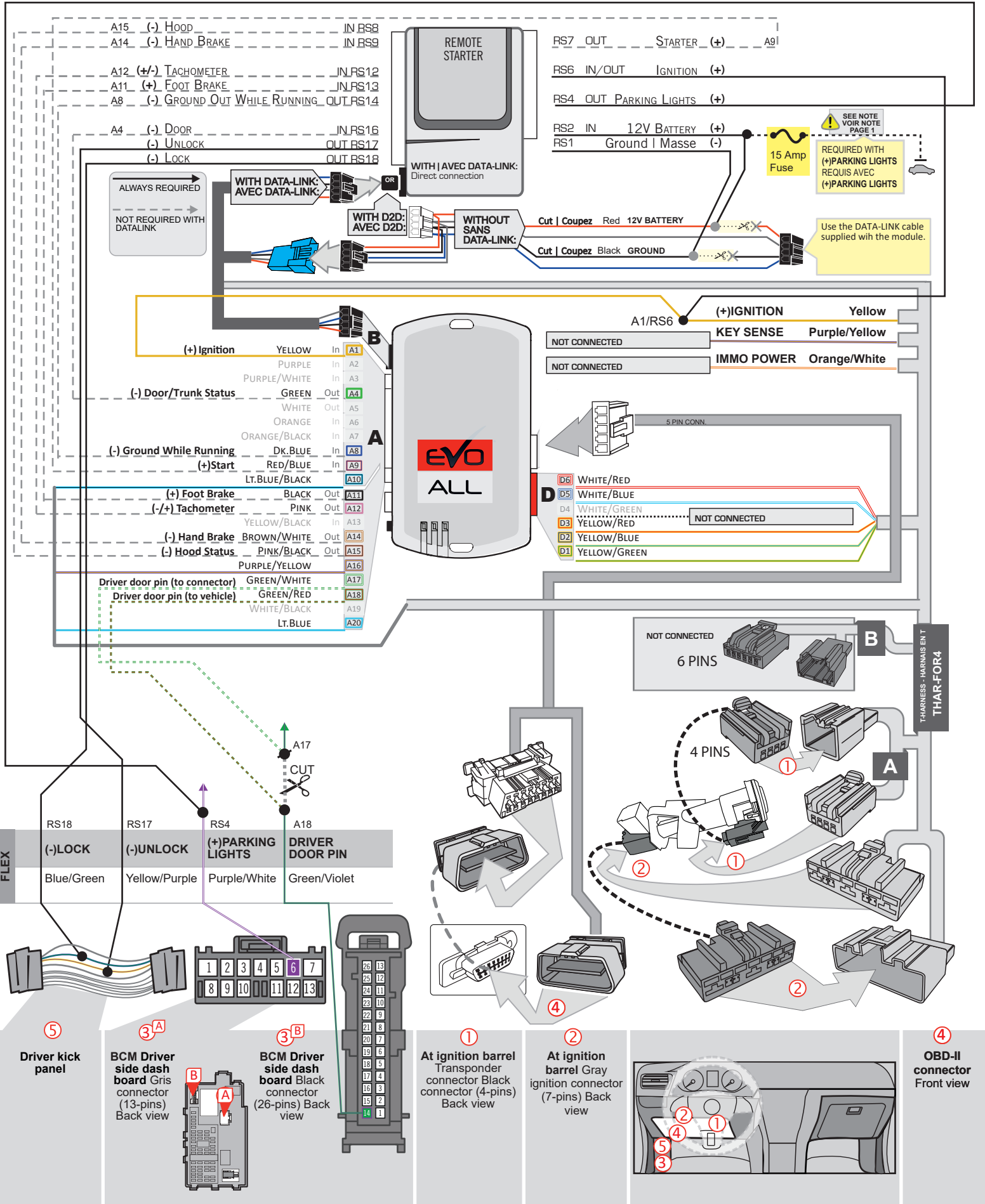
① Ignition barrel



③ BCM Driver kick panel




WIRING CONNECTION




KEY BYPASS PROGRAMMING PROCEDURE 1/2

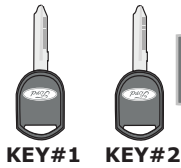
Choose between :



2 key programming.

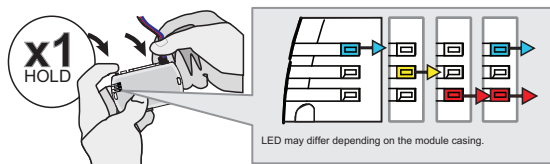


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

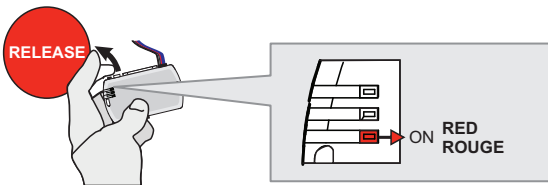
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

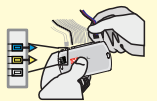
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

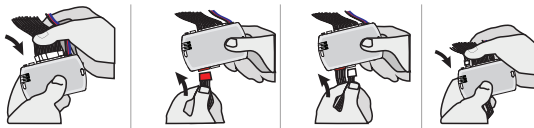


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

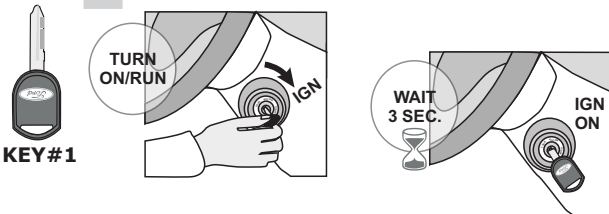


3



Insert the required remaining connectors.

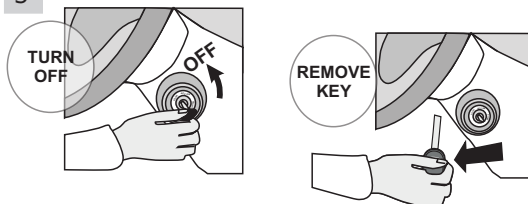
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

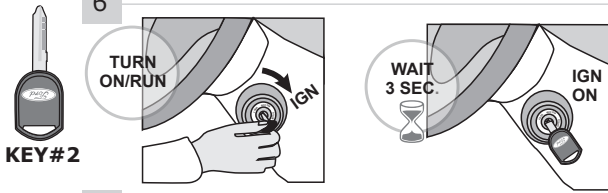
5



Turn the key to the OFF position.

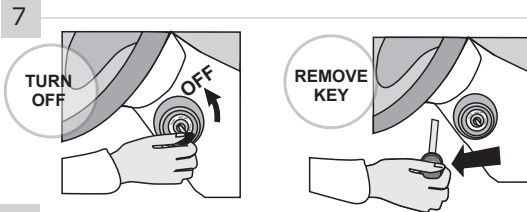
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

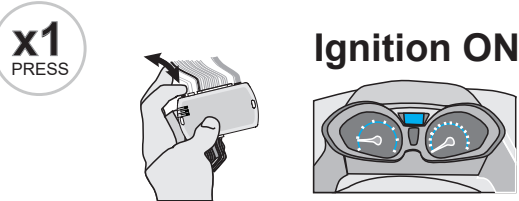
Wait 3 seconds.



Turn the key to the OFF position.

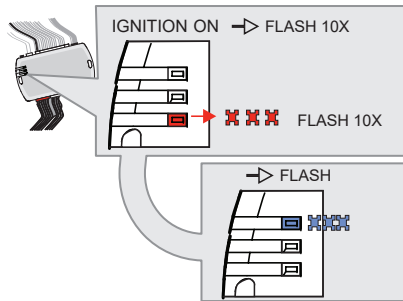
Remove the second key.

8 **CAUTION** The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.
5 sec. max



Press and release the programming button.

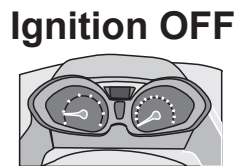
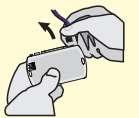
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times.
Key bypass programmed.

↳ The BLUE LED will flash rapidly.
CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

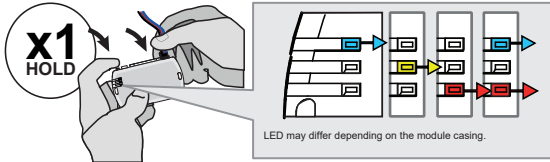
- 1x FLASH LINK UPDATER, SOFTWARE | PROGRAMME
- 1x FLASH LINK MANAGER
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x FLASH LINK MOBILE
- 1x FLASH LINK MOBILE APP
- Smartphone Android or iOS with Internet connection (Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

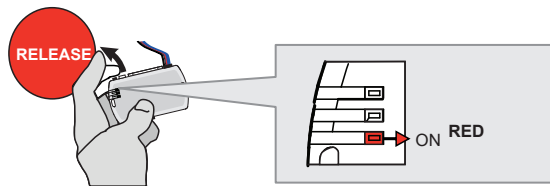
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

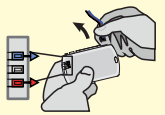
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

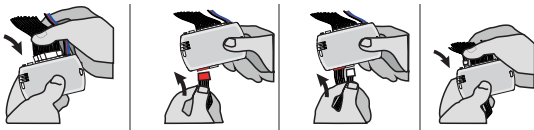


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

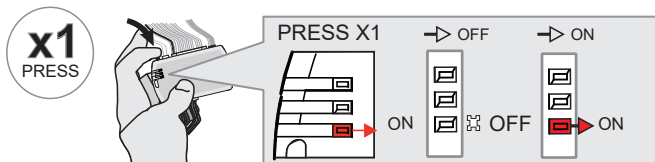


3



Insert the required remaining connectors.

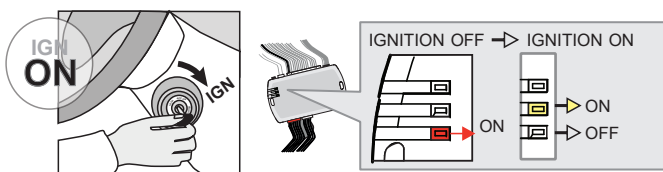
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



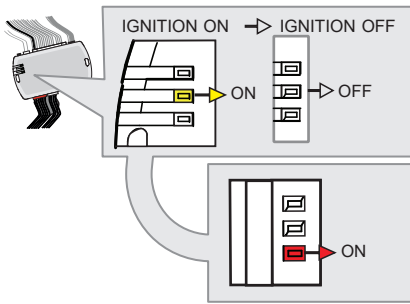
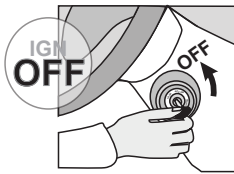
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

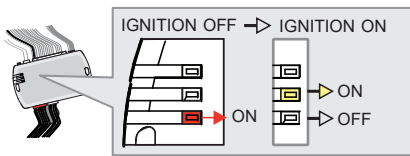
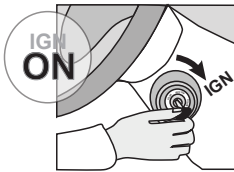
6



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

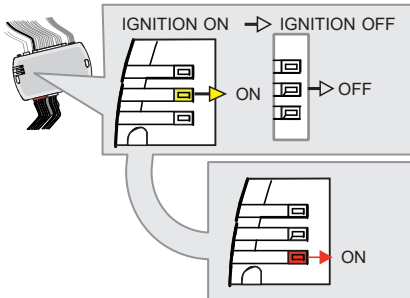
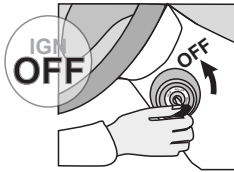
↳The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳The RED LED will turn OFF.
↳The YELLOW LED will turn on.

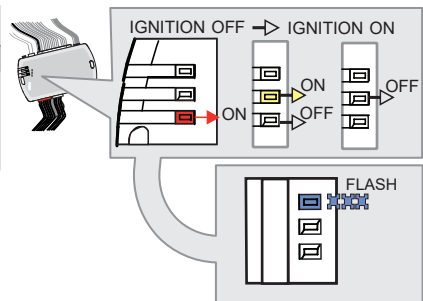
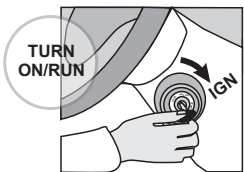
8



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

↳The RED LED will turn on.

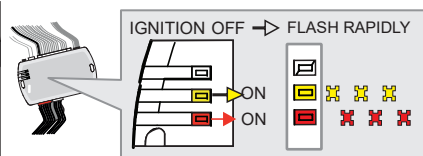
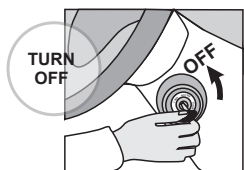
9



Turn the key to the Ignition ON/RUN position.
↳The YELLOW LED will turn on and off.
↳The RED LED will turn OFF.

↳WAIT, the BLUE LED to flash rapidly.

10

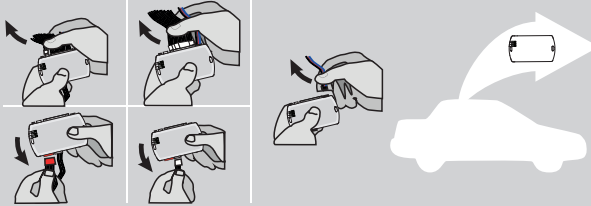


Turn the key to the OFF position.

↳The RED and YELLOW LEDs will alternate.

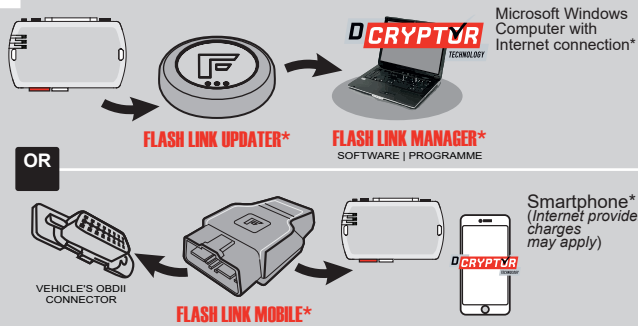
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



Disconnect all the connectors and after the Data-Link (4-pins) connector.

12

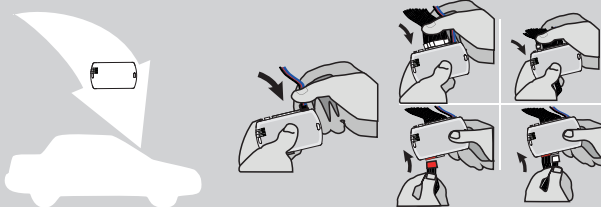


Microsoft Windows Computer with Internet connection*

Use the tool:
FLASH LINK UPDATER or
FLASH LINK MOBILE
to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and reconnect the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.




The vehicle can now be put in to gear and driven.

THAR-FOR4 THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

Vehicle functions supported in this diagram (functional if equipped)

	VEHICLE	YEARS	Transponder Bypass	T-Harness Harnais en T	Lock	Unlock	Arm	Disarm	RAP Disable	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote Monitoring
	FORD															
Focus 40-BITS	2010-2011		•	•	•	•	•	•	•	•	•	•	•	•	•	•





FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

	Program bypass option:	UNIT OPTION	DESCRIPTION
		C1	OEM Remote status (Lock/Unlock) monitoring
	IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	OFF
			Hood trigger (Output Status).



Parts required (Not included)

1x **THAR-FOR4**


NOTES

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

MANDATORY INSTALL

*HOOD PIN  **HOOD STATUS**: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11

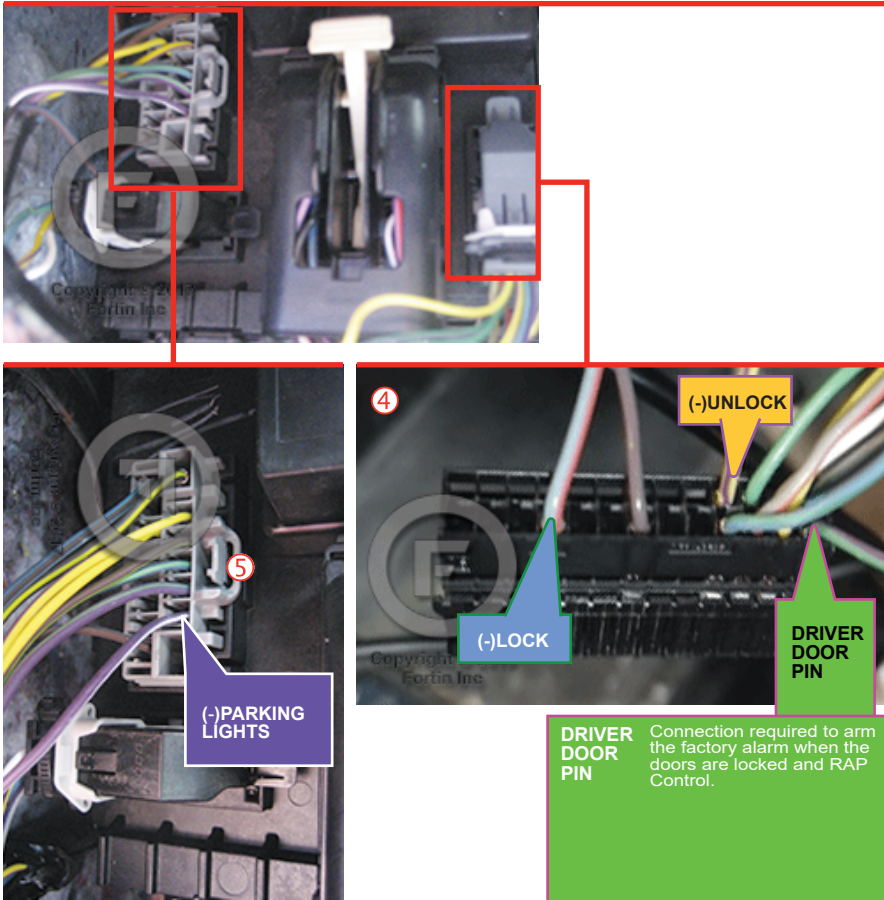
OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

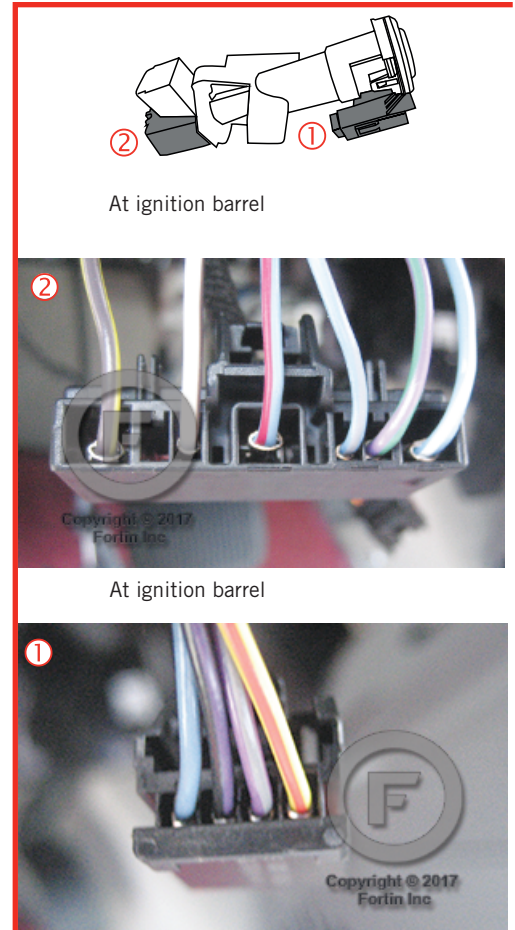
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

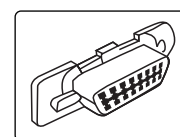
④ ⑤ BCM Driver side dash board



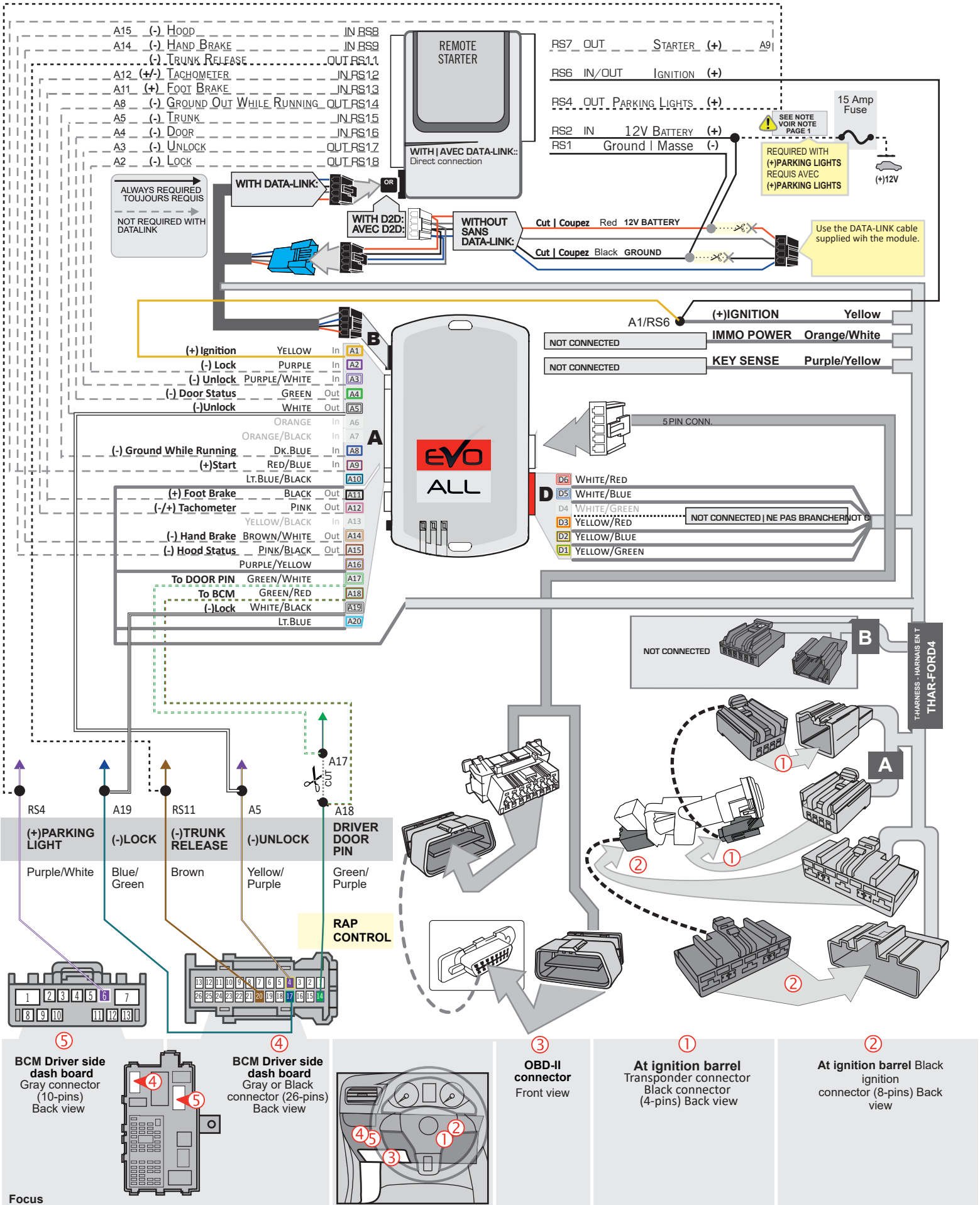
① ② Ignition barrel



③ OBD-II connector




WIRING CONNECTION




KEY BYPASS PROGRAMMING PROCEDURE 1/2

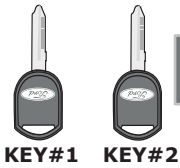
Choose between :



2 key programming.

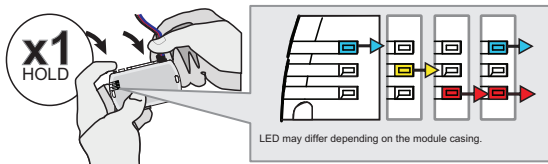


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

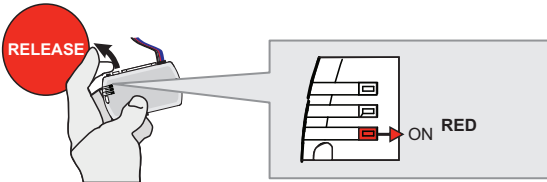
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

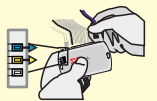
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

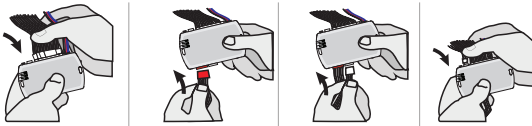


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

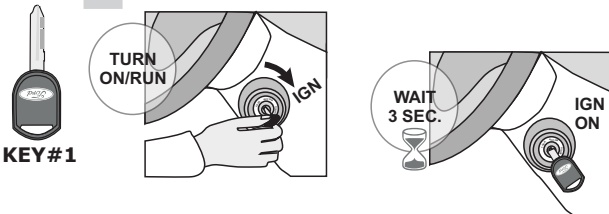


3



Insert the required remaining connectors.

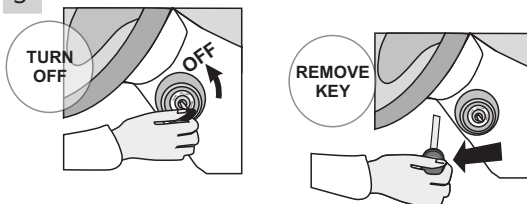
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

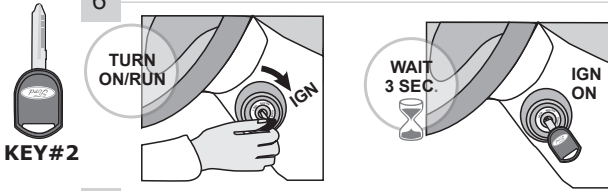
5



Turn the key to the OFF position.

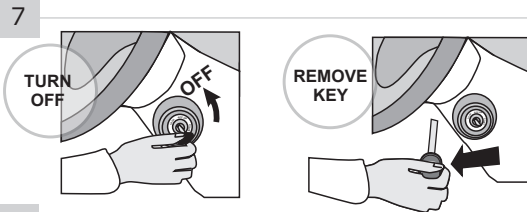
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

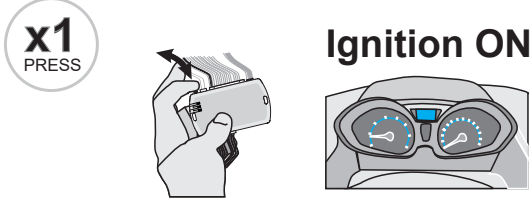
Wait 3 seconds.



Turn the key to the OFF position.

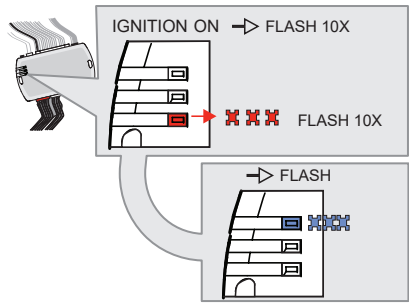
Remove the second key.

8 **CAUTION** The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.
5 sec. max



Press and release the programming button.

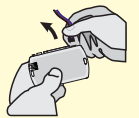
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

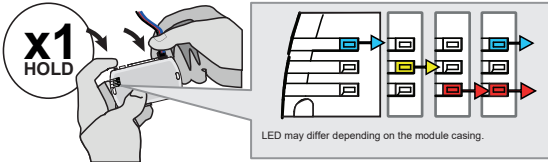
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- Smartphone *Android* or *iOS* with Internet connection
(Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

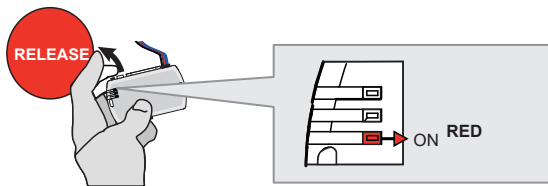
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

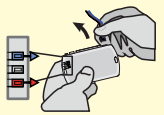
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

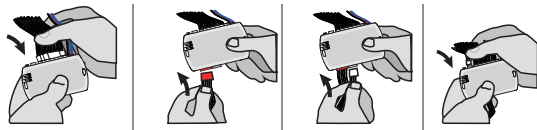


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

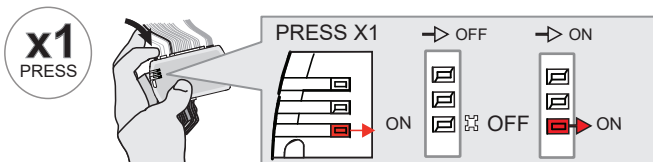


3



Insert the required remaining connectors.

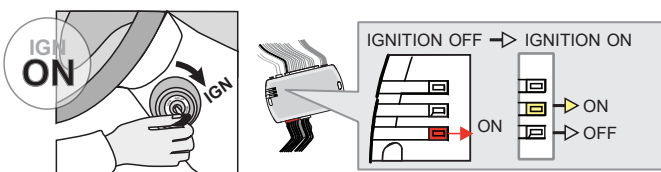
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



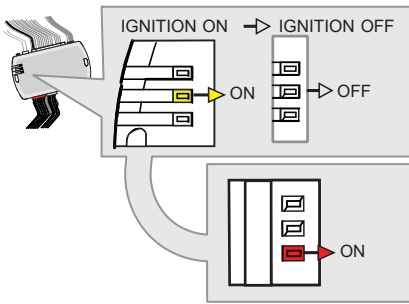
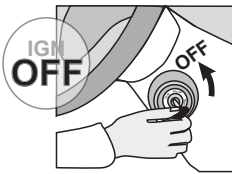
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

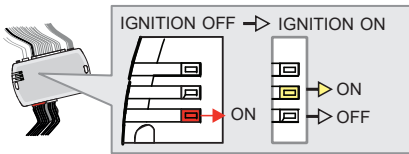
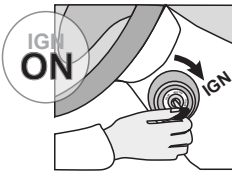
6



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

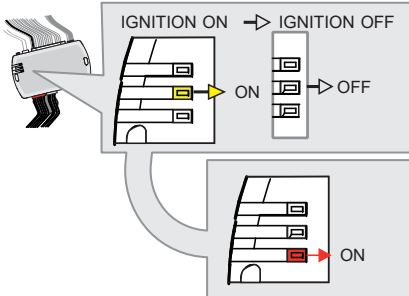
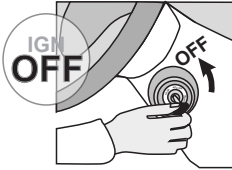
↳ The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳ The RED LED will turn OFF.
↳ The YELLOW LED will turn on.

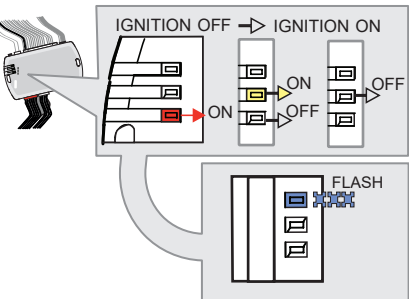
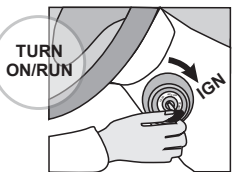
8



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

↳ The RED LED will turn on.

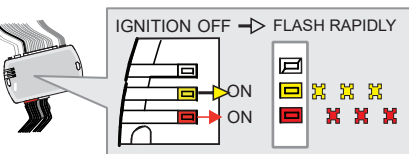
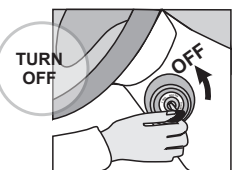
9



Turn the key to the Ignition ON/RUN position.
↳ The YELLOW LED will turn on and off.
↳ The RED LED will turn OFF.

↳ WAIT, the BLUE LED to flash rapidly.

10

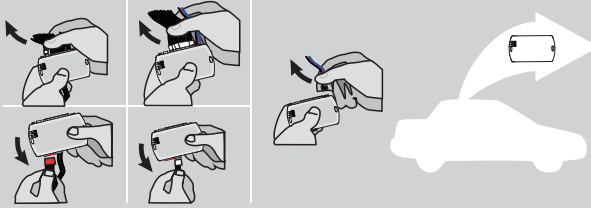


Turn the key to the OFF position.

↳ The RED and YELLOW LEDs will alternate.

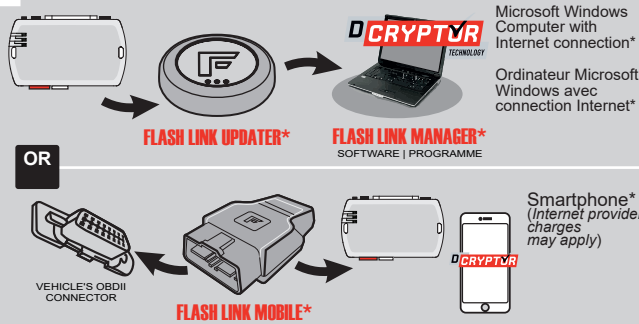
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



Disconnect all the connectors and after the Data-Link (4-pins) connector.

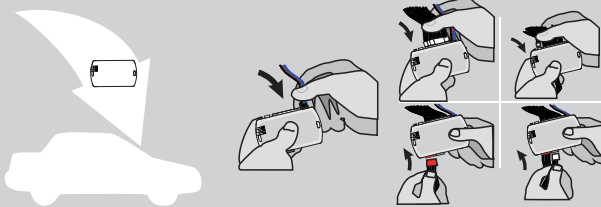
12



Use the tool:
FLASH LINK UPDATER or
FLASH LINK MOBILE
to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and reconnect the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.




Press the brake pedal.




The vehicle can now be put in to gear and driven.

THAR-FOR4 THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Immobilizer bypass	T-Harness available (sold separately)	VEHICLE EQUIPPED WITH		Lock	Unlock	Arm	Disarm	Parking Lights	RAP Disable	Trunk Release	Tachometer	Door Status	Trunk Status	Hood Status (functional if equipped with a factory hood switch, fonctionnel si équipé d'un commutateur de capot d'origine.)	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
				DOOR LOCK IN CENTER DASHBOARD.	DOOR LOCK BUTTON IN DRIVER DOOR														
				CONFIGURATION #	CONFIGURATION #														
																			
FORD																			
Focus	80-BITS 2012-2015	•	•	1	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	SE 80-BITS 2012-2015	•	•	1	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	SEL 80-BITS 2012-2015	•	•	1	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•





FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.


	UNIT OPTION	DESCRIPTION
 <p>Program bypass option:</p>	C1	OEM Remote status (Lock/Unlock) monitoring
	A11	OFF

-  **Parts required** (Not included)

 - 2x Diode 3 Amp
 - 1x Fusible 10 AMP
 - 1x **THAR-FOR4**

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

NOTES

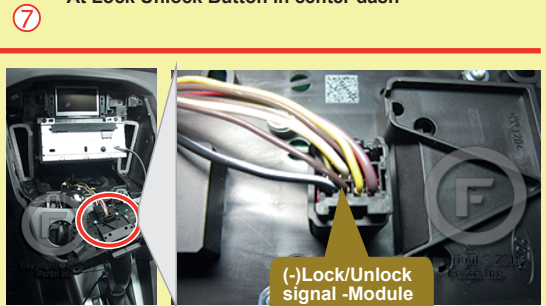
ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

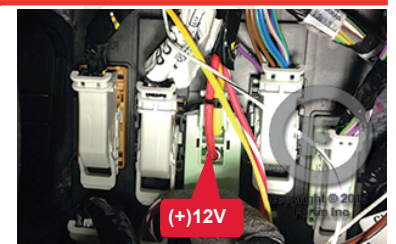
Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

CONFIGURATION 1

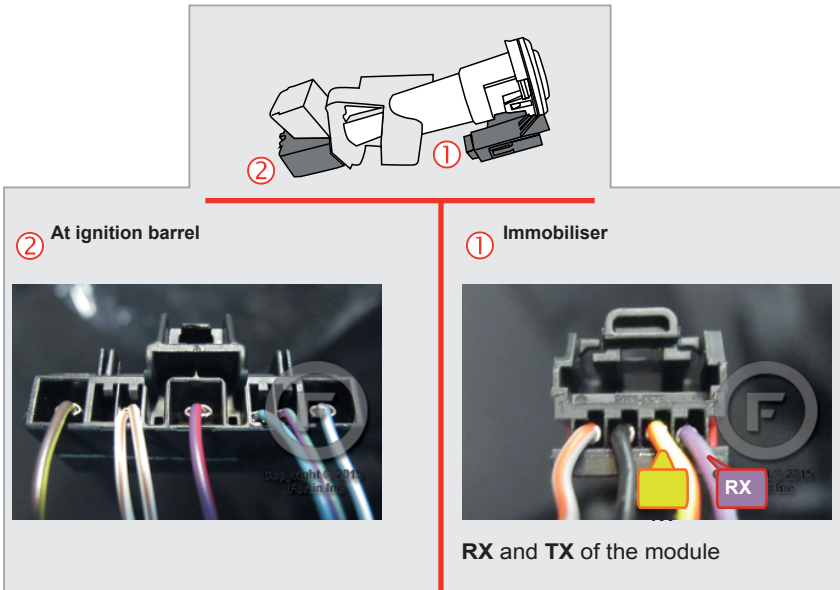
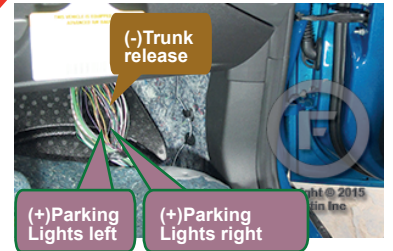
At Lock Unlock Button in center dash



BCM, Fuse box, behind glove box

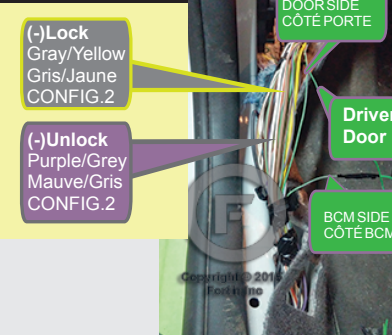


Harness under passenger-side carpet.

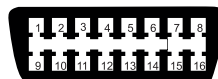
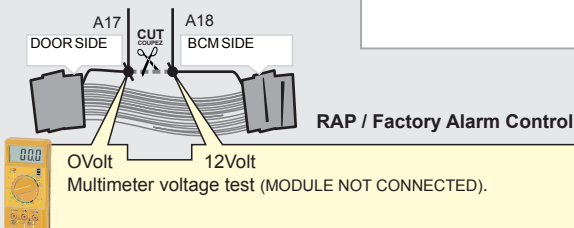


Driver kick panel

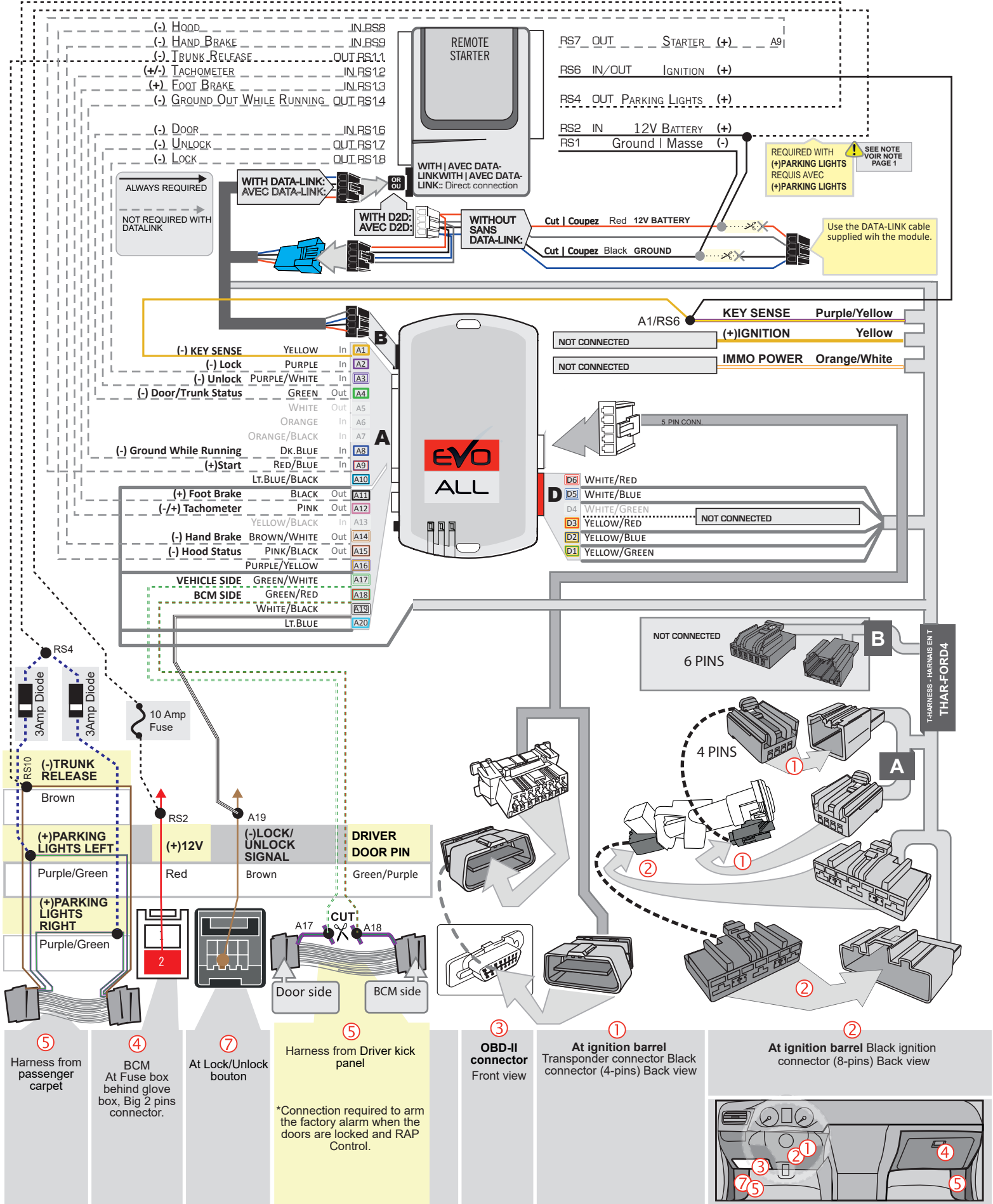
CONFIGURATION 2



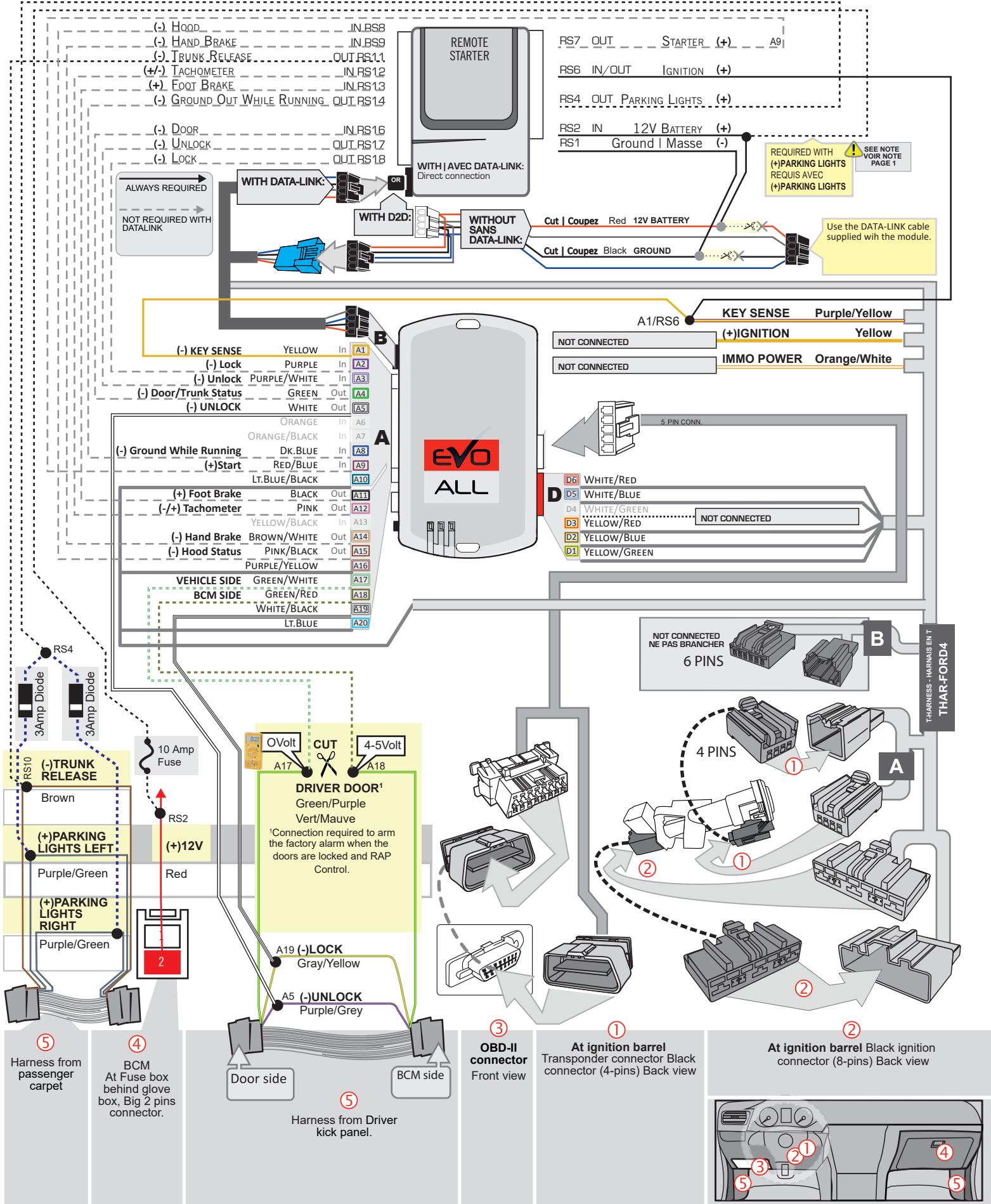
OBD-II connector



CONFIGURATION 1 DOOR LOCK IN CENTER DASHBOARD




CONFIGURATION 2 DOOR LOCK BUTTON IN DRIVER DOOR




KEY BYPASS PROGRAMMING PROCEDURE 1/2

Choose between :

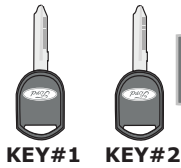
Choisir entre:



2 key programming.

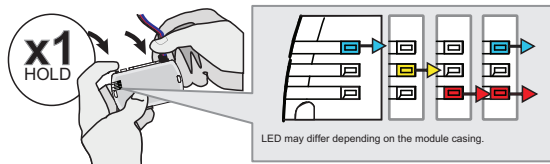


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

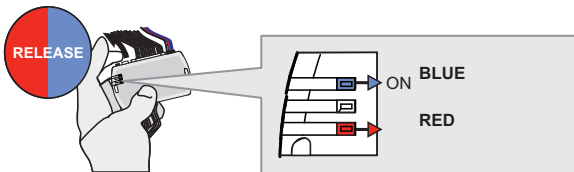
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

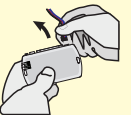
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

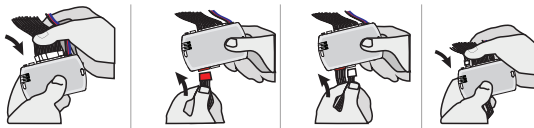


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

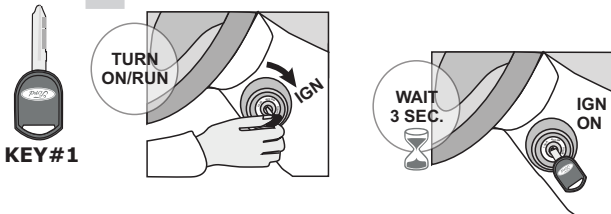


3



Insert the required remaining connectors.

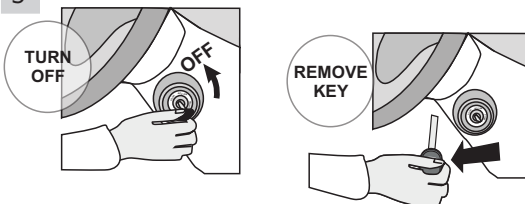
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

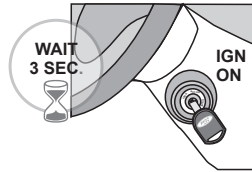
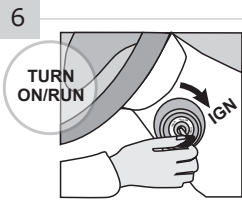
5



Turn the key to the OFF position.

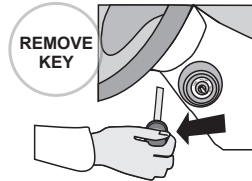
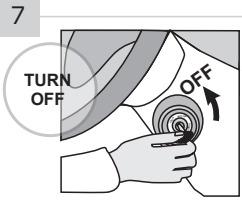
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



Turn the key to the OFF position.

Remove the second key.

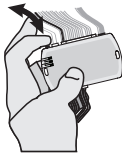
8



5 sec. max

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.

x1
PRESS
HOLD
RELEASE

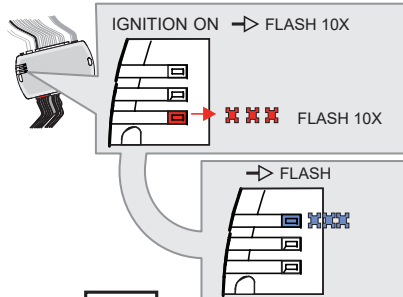


Ignition ON



Press and hold the programming button until the vehicle ignition turn ON.

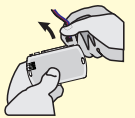
Release the programming button.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



VEHICLE EQUIPPED WITH DOOR LOCK BUTTON IN DRIVER DOOR.

OR
OU

VEHICLE EQUIPPED WITH WITH DOOR LOCK IN CENTER DASH BOARD.

Ignition OFF



The vehicle ignition will turn OFF.



5 sec. max

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.



Press and release the foot-brake pedal

Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



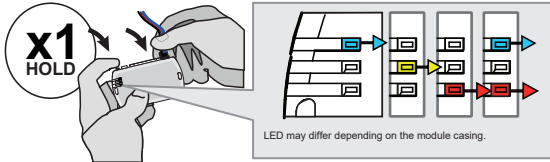
- Parts required (not included)**
- 1x **FLASH LINK UPDATER,**
 - 1x **FLASH LINK MANAGER**
SOFTWARE
 - 1x

OR

- 1x **FLASH LINK MOBILE**
 - 1x **FLASH LINK MOBILE APP**
 - 1x
- Smartphone Android or iOS with Internet connection
(Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

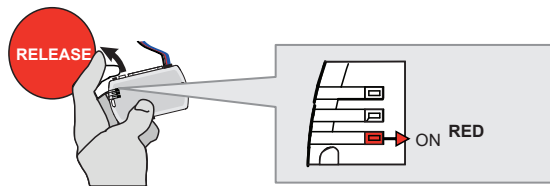
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

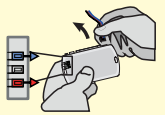
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

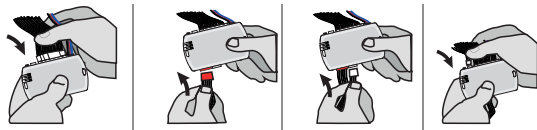


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

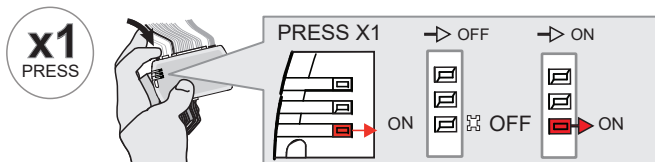


3



Insert the required remaining connectors.

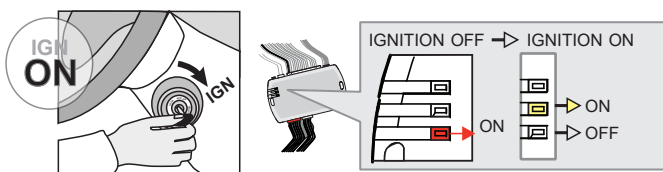
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



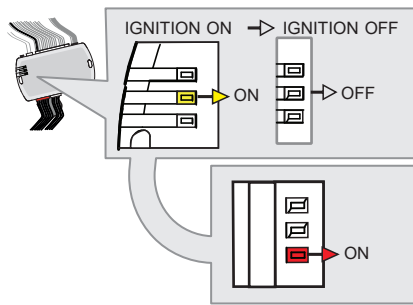
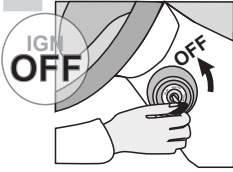
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

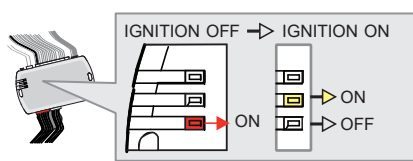
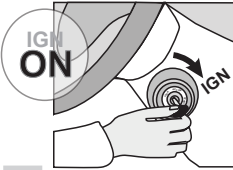
6



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

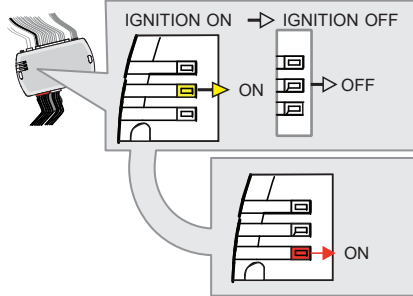
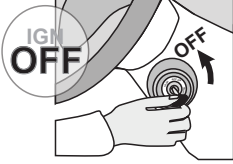
↳The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳The RED LED will turn OFF.
↳The YELLOW LED will turn on.

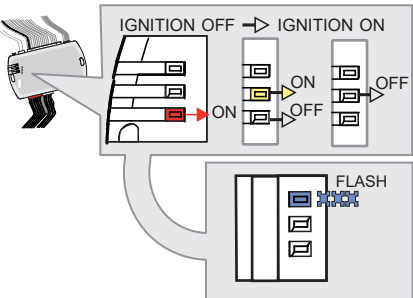
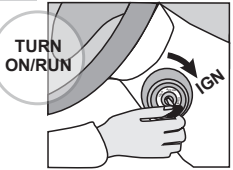
8



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

↳The RED LED will turn on.

9



Turn the key to the Ignition ON/RUN position.
↳The YELLOW LED will turn on and off.
↳The RED LED will turn OFF.

↳WAIT, the BLUE LED to flash rapidly.

VEHICLE EQUIPPED WITH DOOR LOCK BUTTON IN DRIVER DOOR.

OR

VEHICLE EQUIPPED WITH WITH DOOR LOCK IN CENTER DASH BOARD.



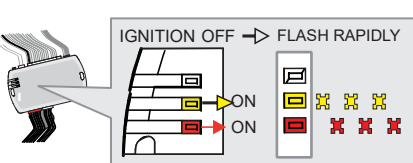
5 sec. max

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.



Press and release the foot-brake pedal

10



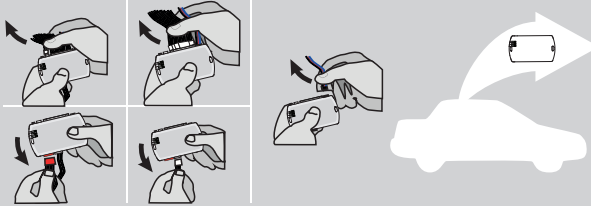
Turn the key to the OFF position.

↳The RED and YELLOW LEDs will alternate.

CONTINUED NEXT PAGE

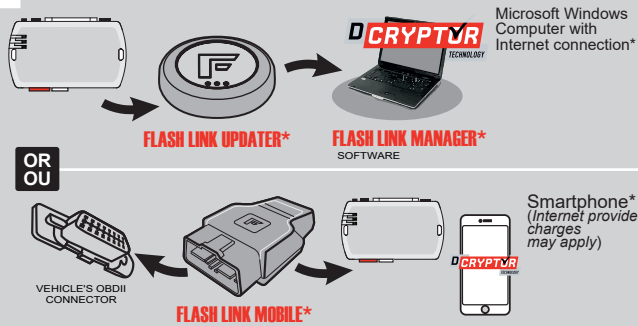
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



Disconnect all the connectors and after the Data-Link (4-pins) connector.

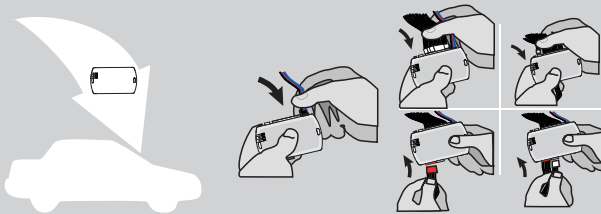
12



Use the tool: FLASH LINK UPDATER or FLASH LINK MOBILE to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED Go back to the vehicle and reconnect the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

THAR-FOR4 THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)															
		Immobilizer bypass	T-Harness Harnais en T	Lock	Unlock	Arm	Disarm	Parking Lights	RAP Disable	Trunk Release	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD																	
Focus	Sedan	2016-2018	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Hatchback	2016-2018	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



71.[52]
MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.



Program bypass option:

UNIT OPTION

DESCRIPTION

C1

OEM Remote status (Lock/Unlock) monitoring

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:

A11

OFF

Hood trigger (Output Status).



Parts required (Not included)

- 2x Diode 3 Amp
- 1x Fusible 10 AMP
- 1x **THAR-FOR4**

NOTES

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

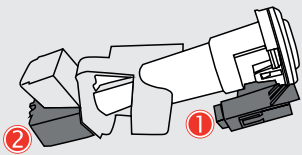
A11

OFF

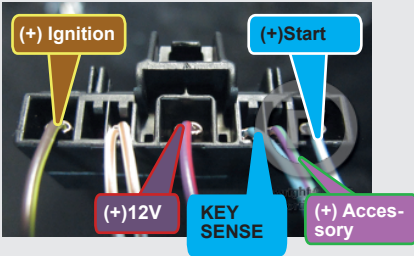
Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

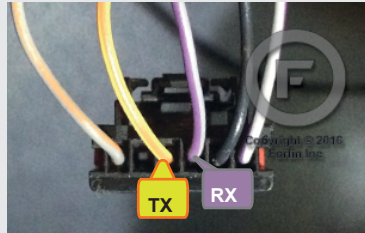
DESCRIPTION



1 At ignition barrel

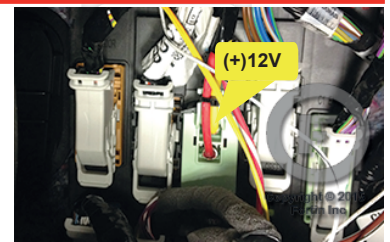


2 Immobilisator

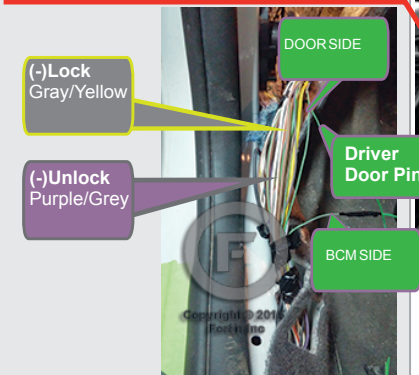


RX and TX of the module

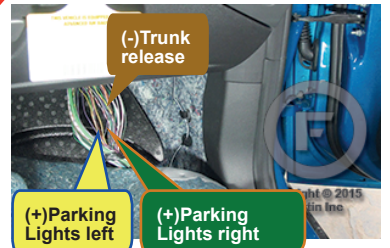
4 BCM, Fuse box, behind glove box



5 Driver kick panel



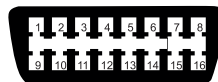
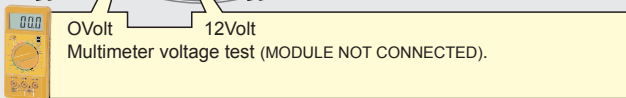
6 Harness under passenger-side carpet.



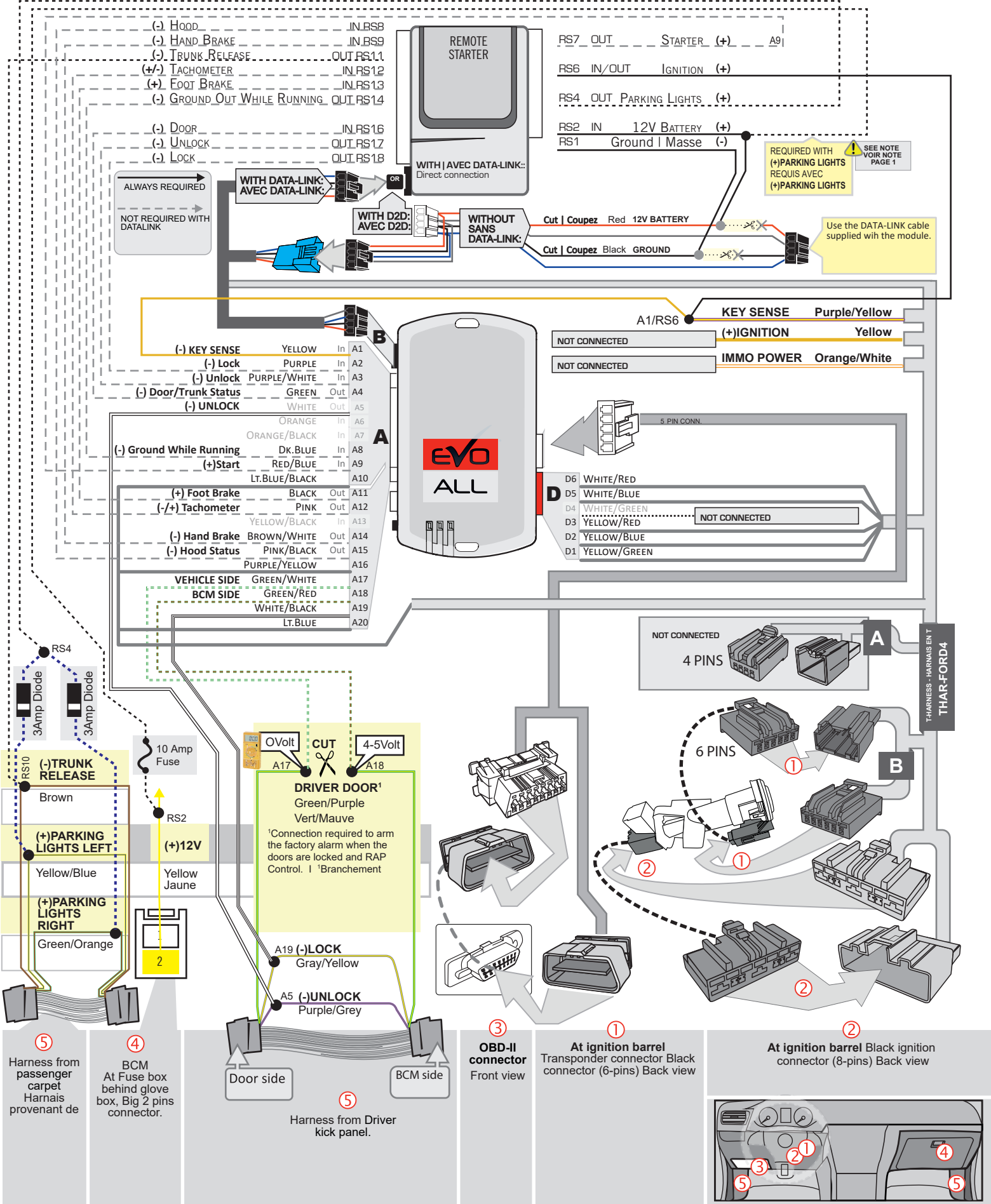
3 OBD-II connector



RAP / Factory Alarm Control




WIRING CONNECTION




KEY BYPASS PROGRAMMING PROCEDURE 1/2

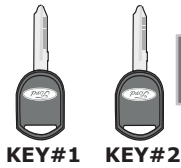
Choose between :



2 key programming.
Programmation avec 2 clés.

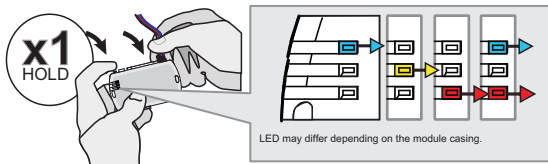


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

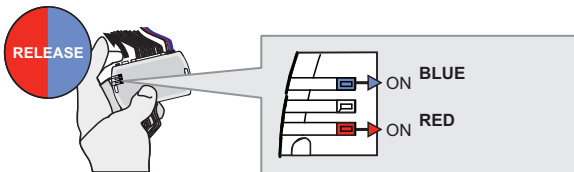
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

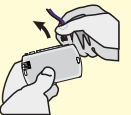
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

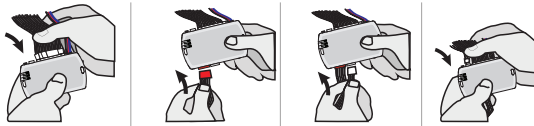


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

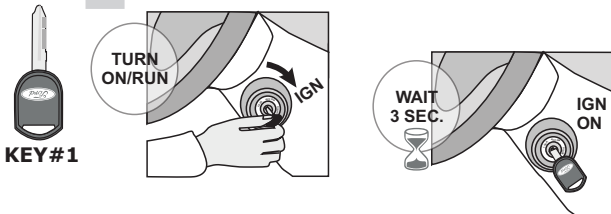


3



Insert the required remaining connectors.

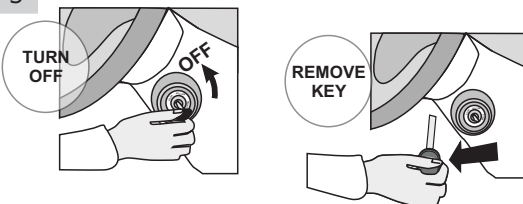
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

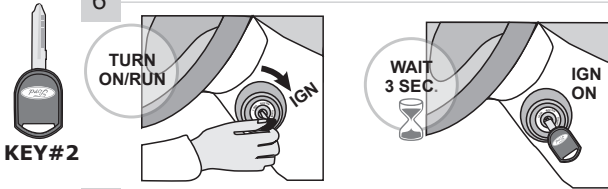
5



Turn the key to the OFF position.

Remove the first key.

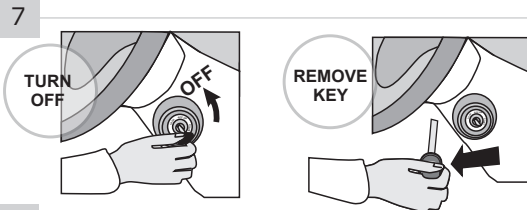
KEY BYPASS PROGRAMMING PROCEDURE 2/2



KEY#2

Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



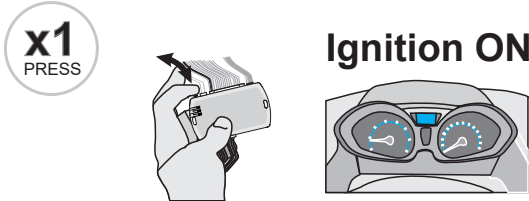
Turn the key to the OFF position.

Remove the second key.

8

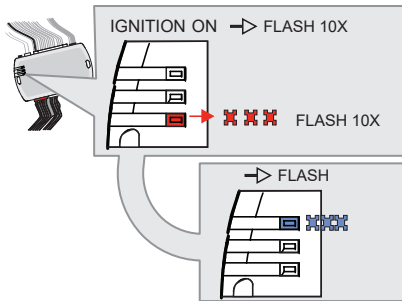
5 sec. max

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.



Press and release the programming button.

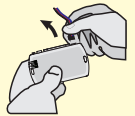
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

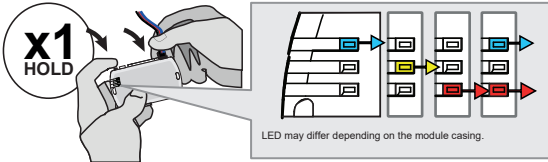
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection

OR
OU

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- 1x Smartphone Android or iOS with Internet connection
(Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

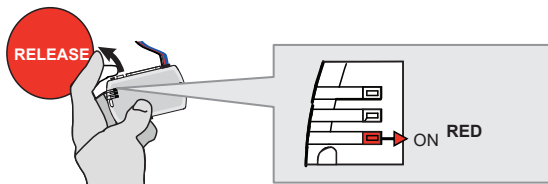
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

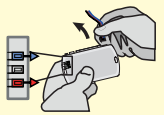
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

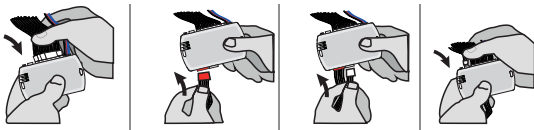


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.



3



Insert the required remaining connectors.

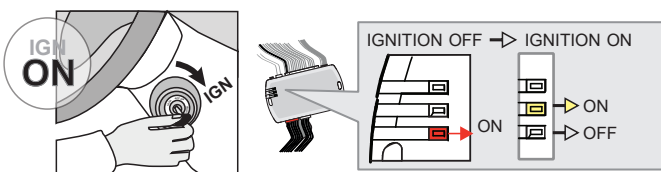
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5

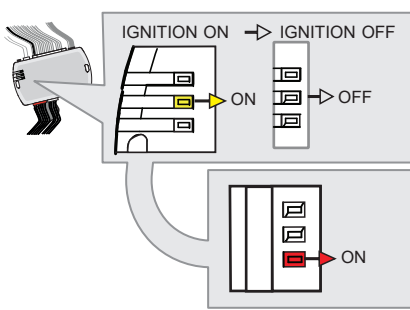
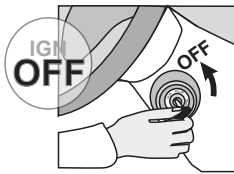


Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

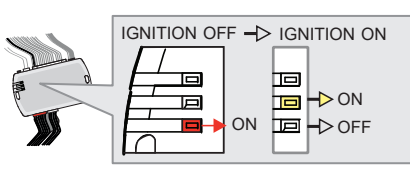
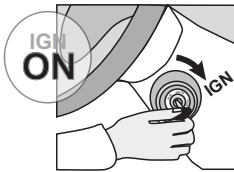
6



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

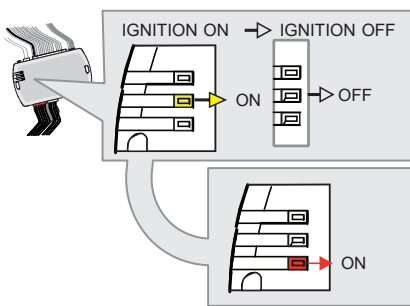
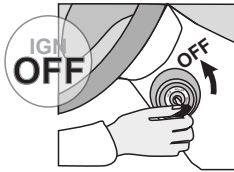
↳ The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳ The RED LED will turn OFF.
↳ The YELLOW LED will turn on.

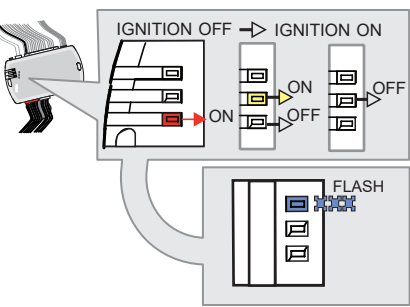
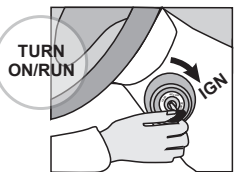
8



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

↳ The RED LED will turn on.

9

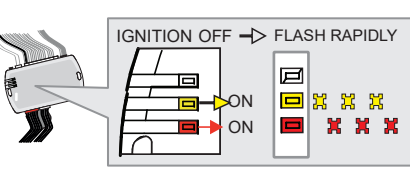
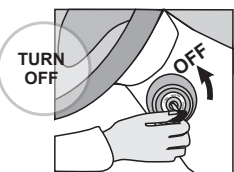


Turn the key to the Ignition ON/RUN position.
↳ The YELLOW LED will turn on and off.

↳ The RED LED will turn OFF.

↳ **WAIT**, the BLUE LED to flash rapidly.

10

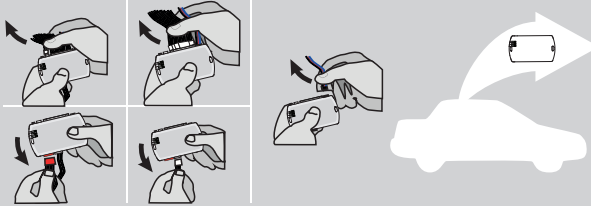


Turn the key to the OFF position.

↳ The RED and YELLOW LEDs will alternate.

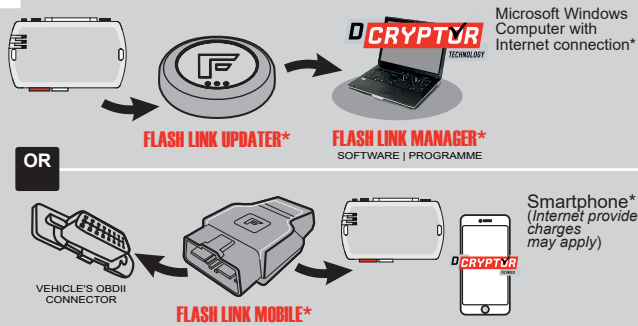
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



Disconnect all the connectors and after the Data-Link (4-pins) connector.

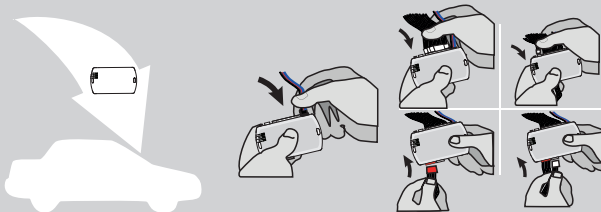
12



Use the tool:
FLASH LINK UPDATER or
FLASH LINK MOBILE
to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

THAR-FOR4 THARNESSE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

Vehicle functions supported in this diagram (functional if equipped)

	VEHICLE	YEARS	2KEY Programming	1KEY Programming	Transponder Bypass	T-Harness Harnais en T	Lock	Unlock	Arm	Disarm	RAP Disable	Tachometer	Door Status	Trunk Status	Hood Status	Hand-Brake Status	Foot-Brake Status	OEM Remote Monitoring	
	LINCOLN																		
MKX		2007-2010	1	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

	<p>Program bypass option IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</p>	UNIT OPTION	DESCRIPTION
		A11	<div style="background-color: red; color: white; padding: 5px; display: inline-block;">OFF</div>

- Parts required (Not included)**

 - 1x 10 Amp Fuse
 - 2x 1Amp Diodes (with alarm)

MANDATORY INSTALL

***HOOD PIN**

HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

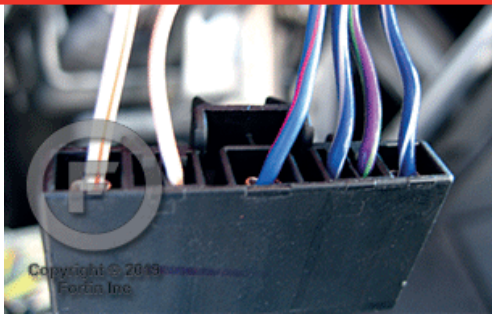
OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

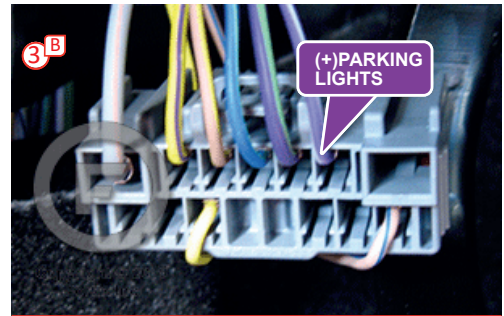
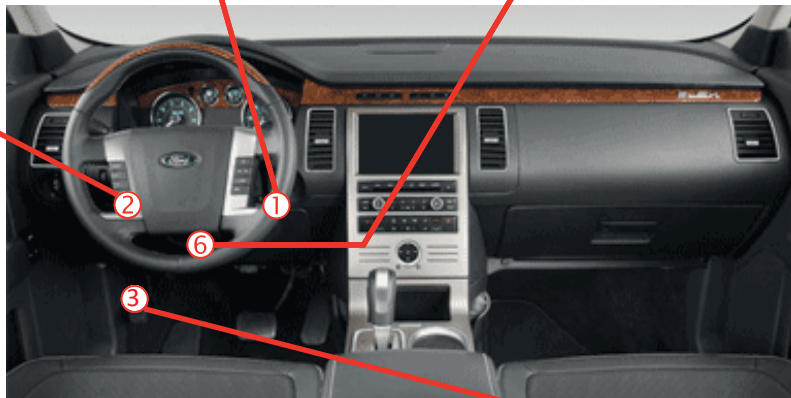
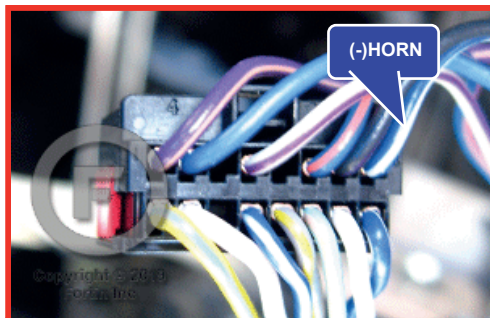
② Ignition barrel



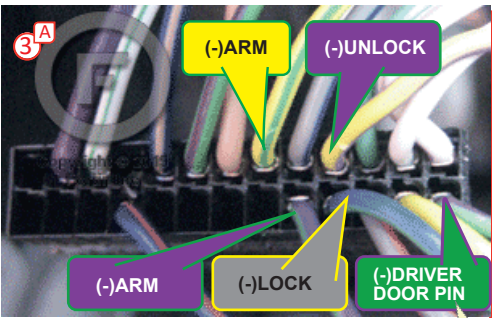
① Ignition barrel



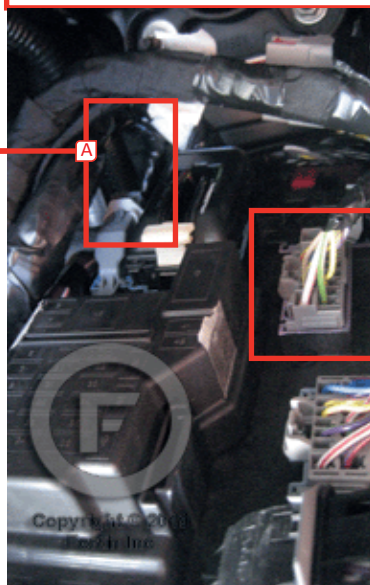
⑥ Steering column



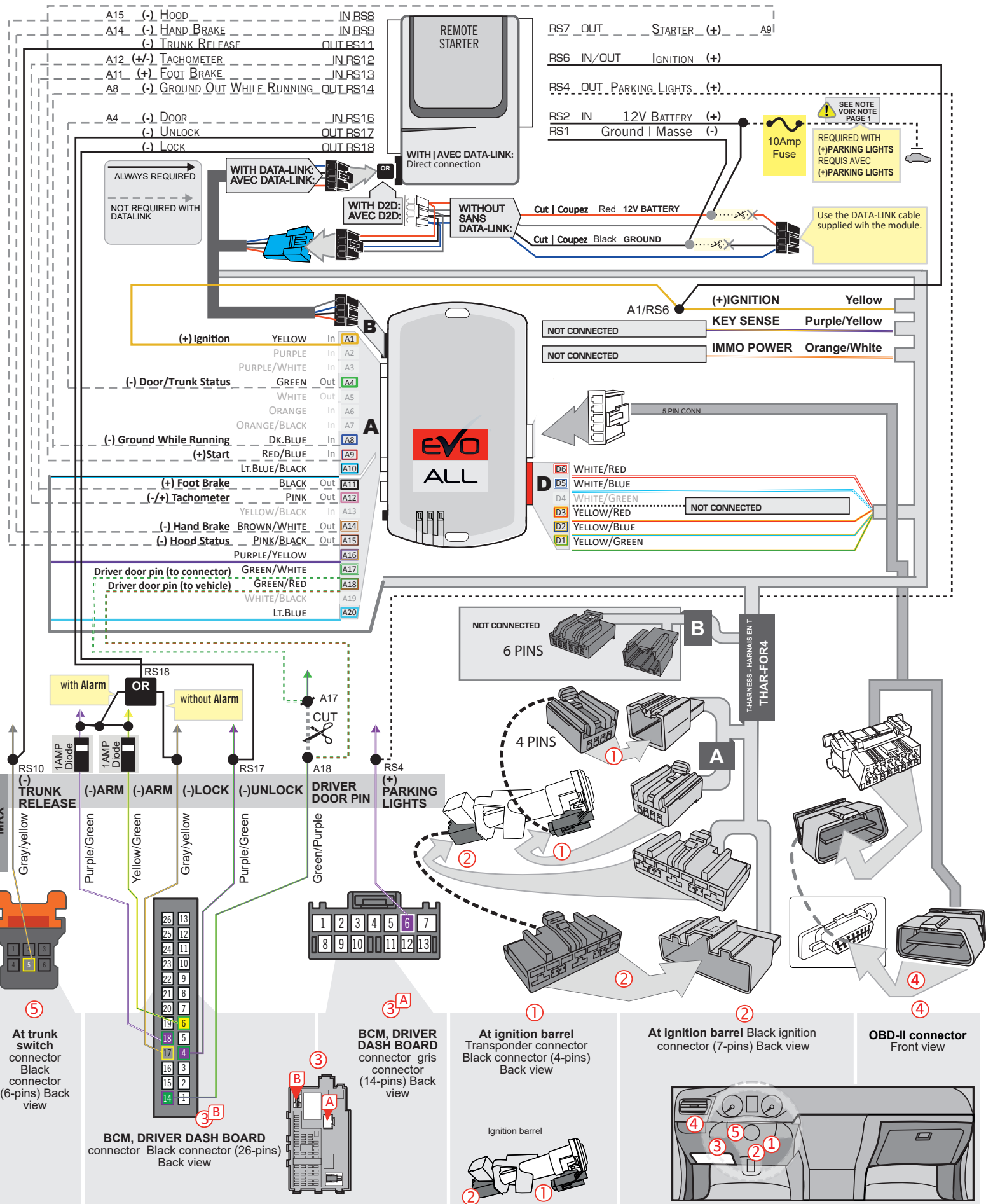
③ BCM Driver kick panel



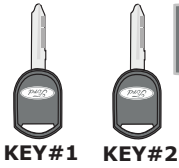
Connection required to arm the factory alarm when the doors are locked and RAP Control.



WIRING CONNECTION

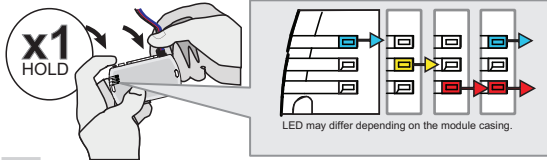


PROGRAM.1: 2 KEY PROGRAMMING PROCEDURE 1/2 |



2 KEY REQUIRED

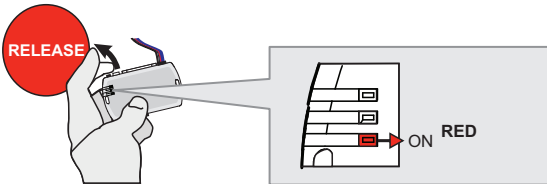
1



Press and hold the programming button: **Connect** the 4-PIN Data-link harness (Black connector).

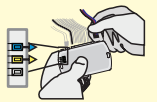
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

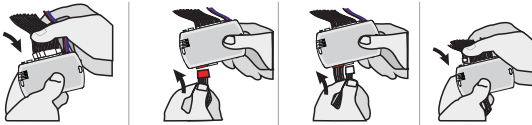


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

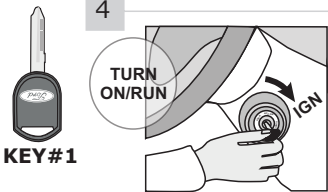


3



Insert the required remaining connectors.

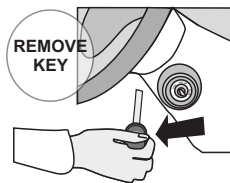
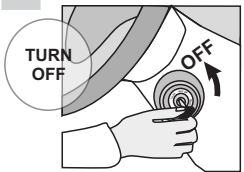
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

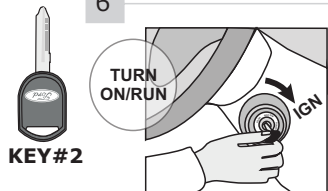
5



Turn the key to the OFF position.

Remove the first key.

6

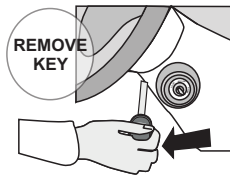
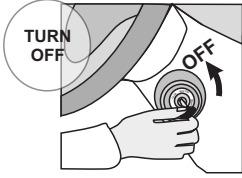


Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

PROGRAM.1: 2 KEY PROGRAMMING PROCEDURE 2/2 |

7



Turn the key to the OFF position.

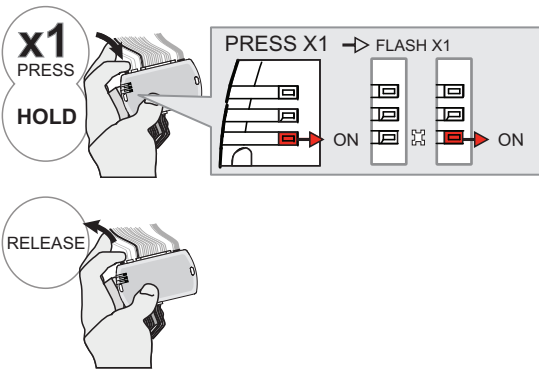
Remove the second key.

8



CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.

5 sec. max



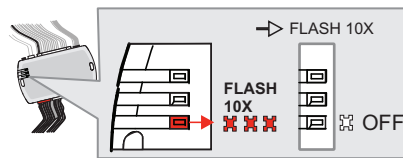
Press and hold the programming button until the LED flashes once.

↳ The RED LED will flash once (1x).

Release the programming button.

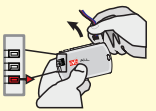
AUTOMATIC TRANSMISSION	MANUAL TRANSMISSION
<p>Activate the remote starter.</p>	<p>Using a jumper wire, apply power (12v) to the vehicle's ignition1.</p>

9



The RED LED will flash rapidly ten (10) times.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Manual transmission:
Remove the jumper.

The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.



Parts required (not included)

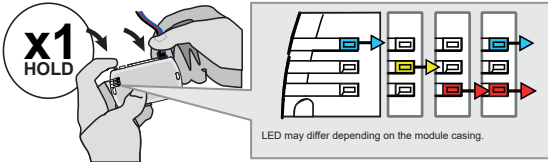
- 1x FLASH LINK UPDATER,
FLASH LINK MANAGER
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x FLASH LINK MOBILE
- 1x FLASH LINK MOBILE APP
- Smartphone Android or iOS with Internet connection
(Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

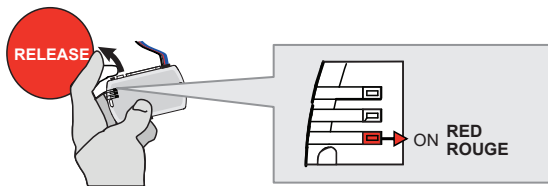
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

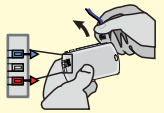
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

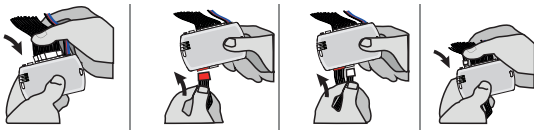


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.



3



Insert the required remaining connectors.

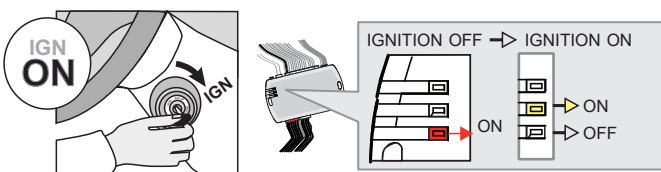
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



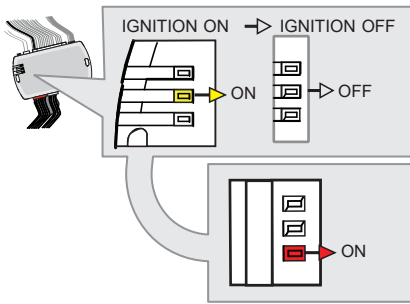
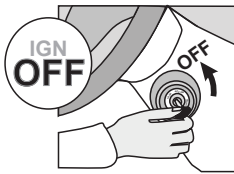
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3 |

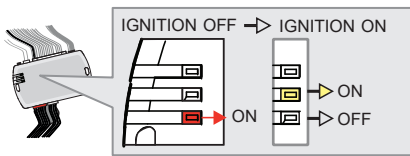
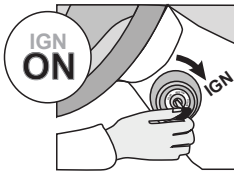
6



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

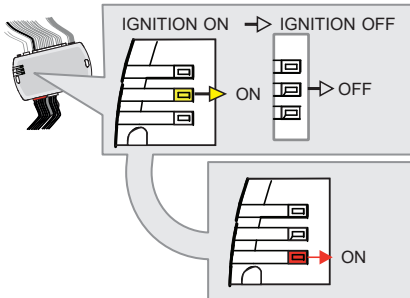
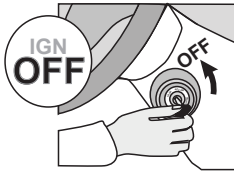
↳ The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳ The RED LED will turn OFF.
↳ The YELLOW LED will turn on.

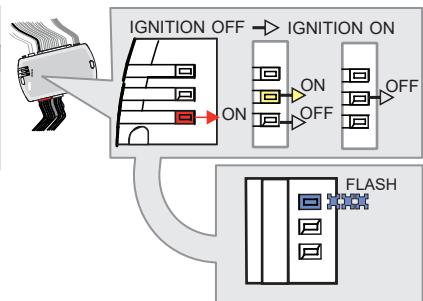
8



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

↳ The RED LED will turn on.

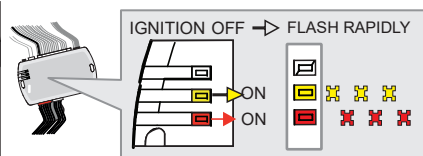
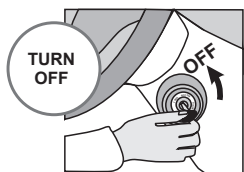
9



Turn the key to the Ignition ON/RUN position.
↳ The YELLOW LED will turn on and off.
↳ The RED LED will turn OFF.

↳ WAIT, the BLUE LED to flash rapidly.

10

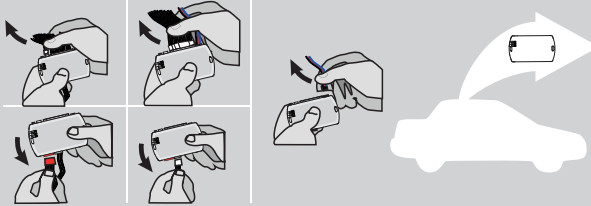


Turn the key to the OFF position.

↳ The RED and YELLOW LEDs will alternate.

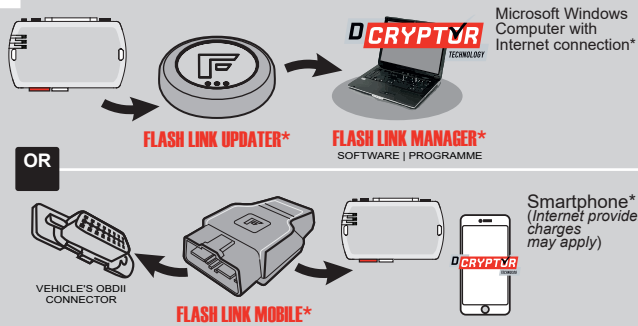
KEY BYPASS PROGRAMMING PROCEDURE 3/3 |

11



Disconnect all the connectors and after the Data-Link (4-pins) connector.

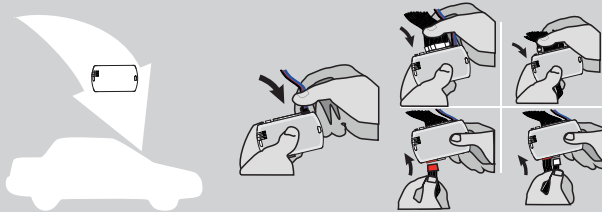
12



Use the tool: FLASH LINK UPDATER or FLASH LINK MOBILE to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED Go back to the vehicle and reconnect connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER FUNCTIONALITY |



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.




The vehicle can now be put in to gear and driven.

THAR-FOR4 THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

"Vehicle functions supported in this diagram (functional if equipped)"

VEHICLE	YEARS	Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	RAP Disable	Trunk Release	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD Mustang	40-bits 2010-2014	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•





FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.


	Program bypass option IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	UNIT OPTION	DESCRIPTION
		A11	OFF
			Hood trigger (Output Status).
	Program bypass option:	C1	OEM Remote status (Lock/Unlock) monitoring

NOTES

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.


If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

 **Parts required** (Not included)

1x Fusible 15 AMP

MANDATORY INSTALL

*HOOD PIN 

HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

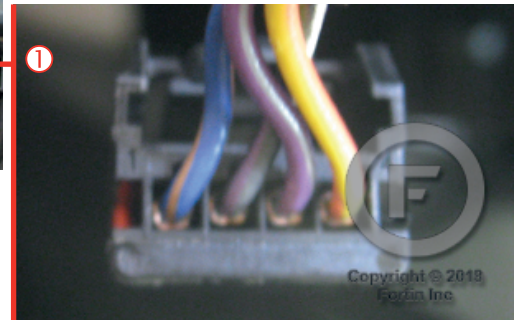
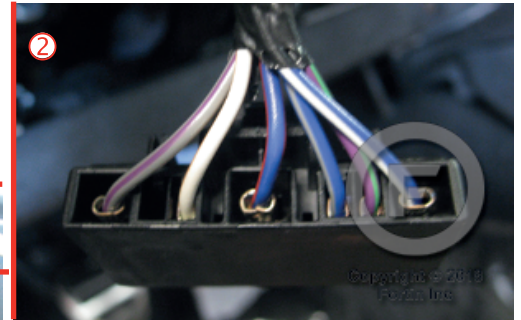
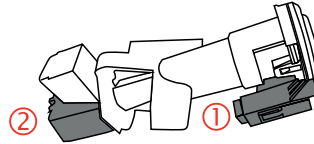
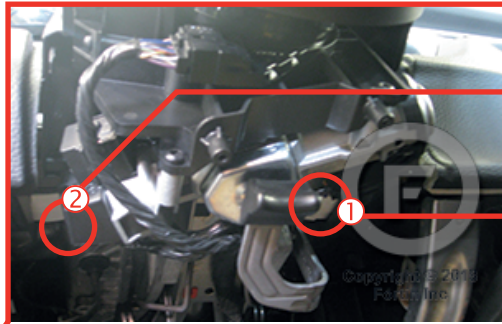
OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

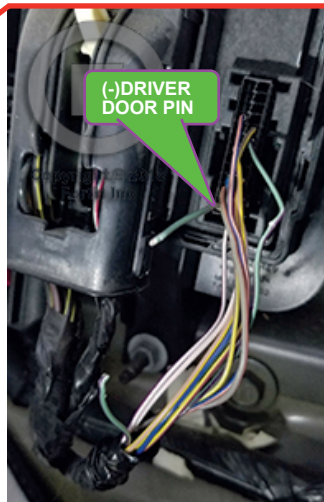
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

Ignition barrel



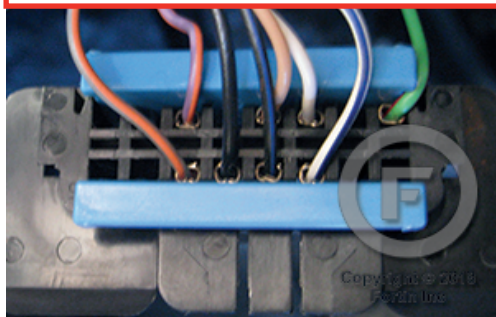
4 BCM Passenger kick panel



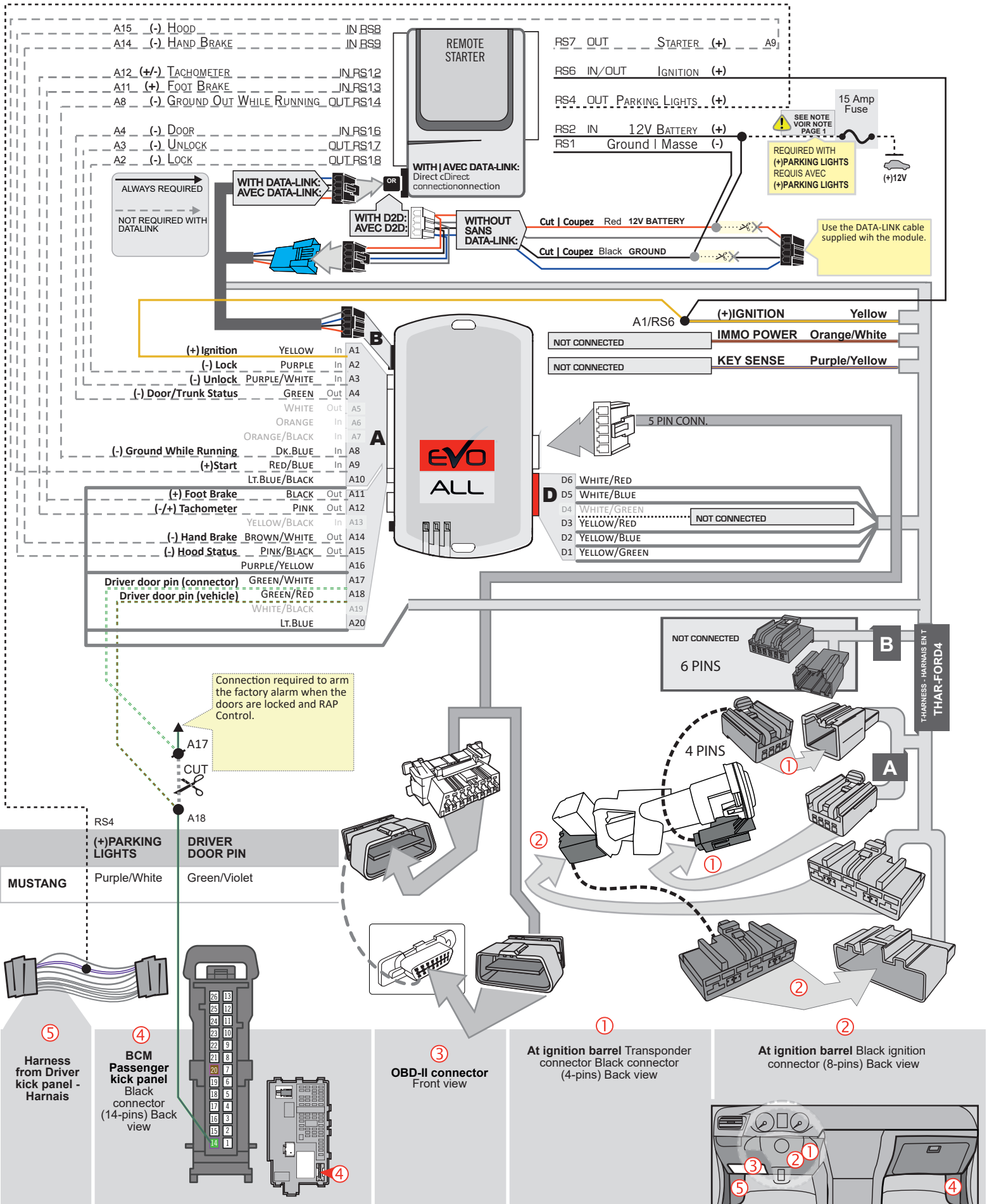
5 Driver kick panel



3 OBD-II connector




WIRING CONNECTION




KEY BYPASS PROGRAMMING PROCEDURE 1/2

Choose between :

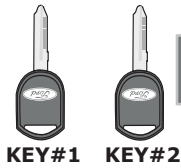
Choisir entre:



2 key programming.

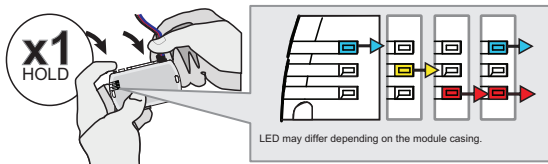


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

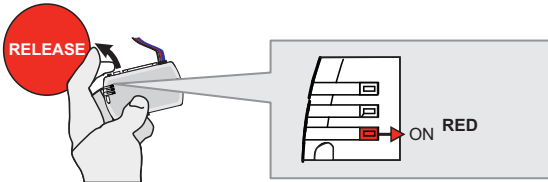
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

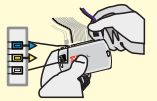
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

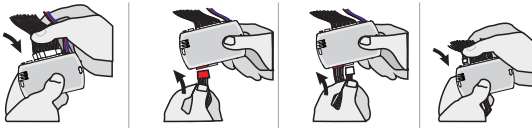


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

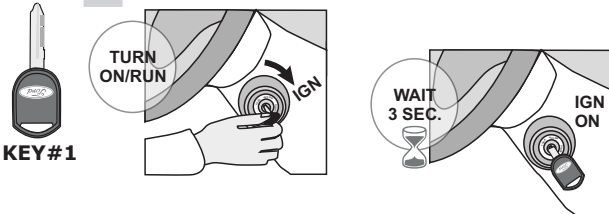


3



Insert the required remaining connectors.

4

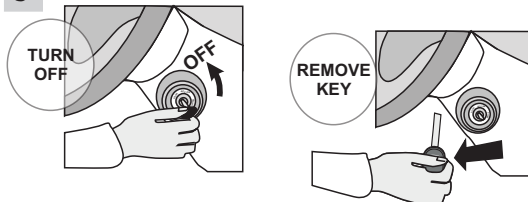


Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

Attendre 3 secondes.

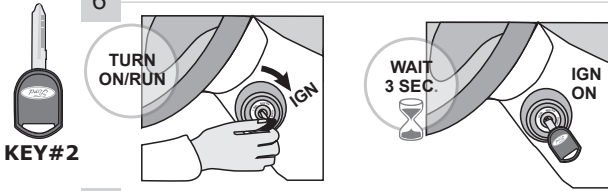
5



Turn the key to the OFF position.

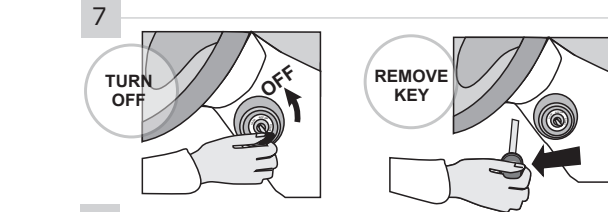
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



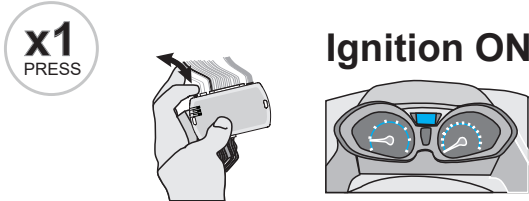
Turn the key to the OFF position.

Remove the second key.

8

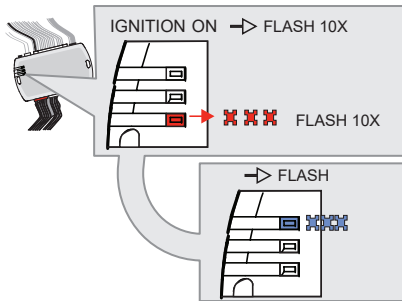
CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.

5 sec. max



Press and release the programming button.

The vehicle ignition turn ON.

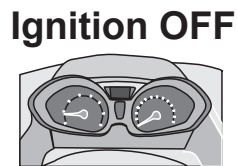
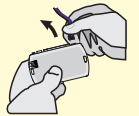


↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

La DEL ROUGE clignotera

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.



Parts required (not included)

- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection

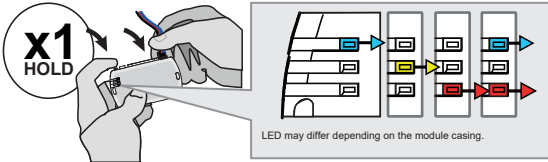
OR
OU

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- 1x Smartphone *Android or iOS* with Internet connection
(Internet provider charges may apply)



BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

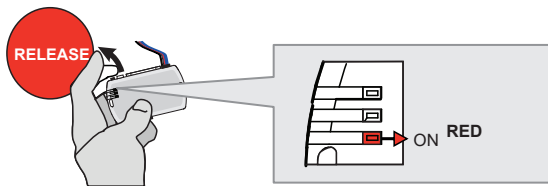
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

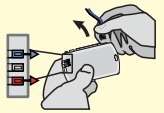
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

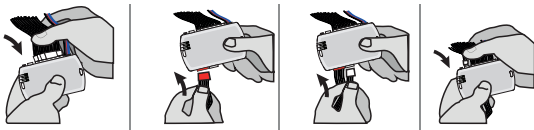


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.



3



Insert the required remaining connectors.

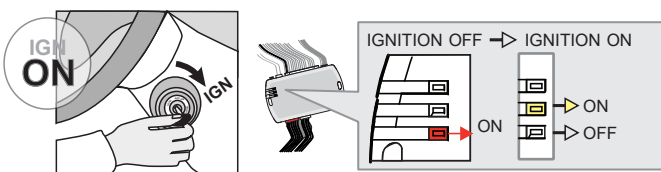
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



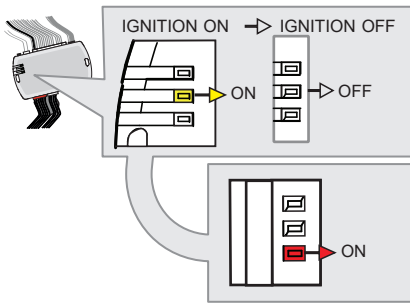
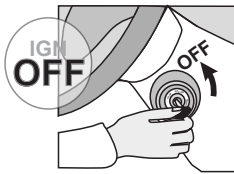
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

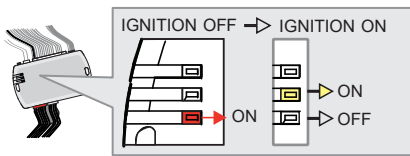
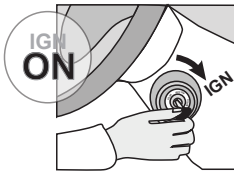
6



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

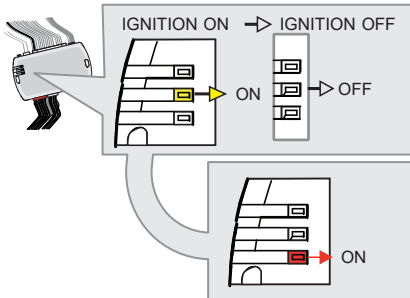
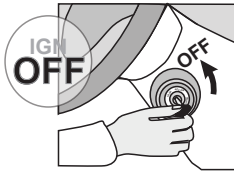
↳The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳The RED LED will turn OFF.
↳The YELLOW LED will turn on.

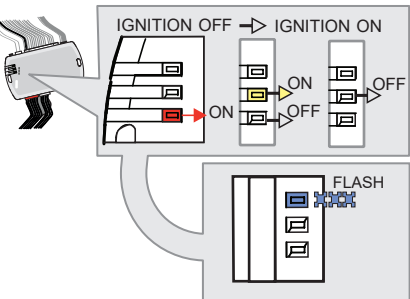
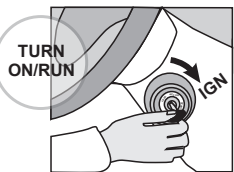
8



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

↳The RED LED will turn on.

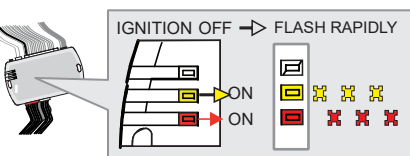
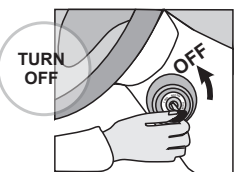
9



Turn the key to the Ignition ON/RUN position.
↳The YELLOW LED will turn on and off.
↳The RED LED will turn OFF.

↳WAIT, the BLUE LED to flash rapidly.

10

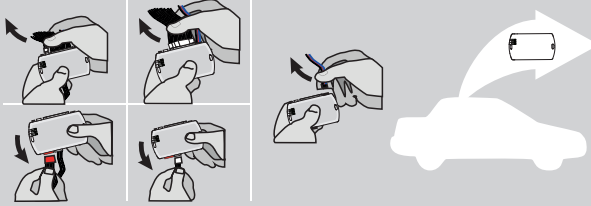


Turn the key to the OFF position.

↳The RED and YELLOW LEDs will alternate.

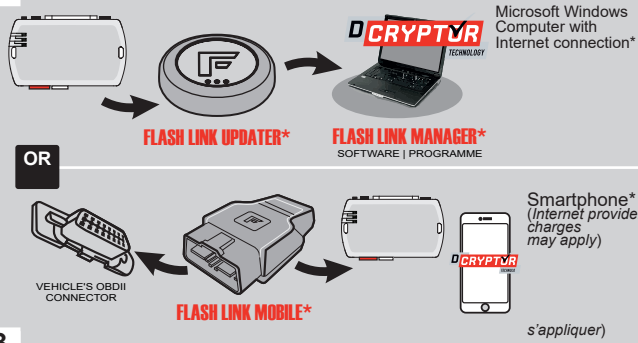
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



Disconnect all the connectors and after the Data-Link (4-pins) connector.

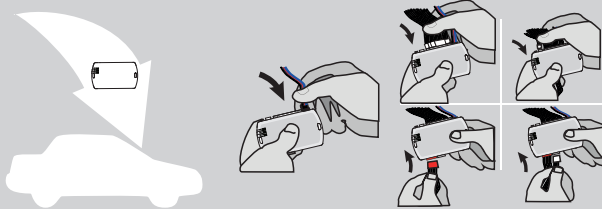
12



Use the tool: **FLASH LINK UPDATER** or **FLASH LINK MOBILE** to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

THAR-FOR4 THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)												
		Transponder Bypass	T-Harness	Lock	Unlock	Arm	Disarm	RAP Disable	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status
FORD Transit 80Bits	2015-2019	•	•	•	•	•	•	•	•	•	•	•	•	•


FIRMWARE VERSION
71.[52]

MINIMUM

 To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

**Program bypass option
IF THE VEHICLE IS NOT EQUIPPED
WITH FUNCTIONAL HOOD PIN:**
UNIT OPTION
A11
OFF
DESCRIPTION

Hood trigger (Output Status).


Parts required (Not included)

- 1x 10Amp Fuse
- 4x 3Amp Diode
- 1x **THAR-FOR4**

NOTES

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

MANDATORY INSTALL
***HOOD PIN**


HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11
OFF

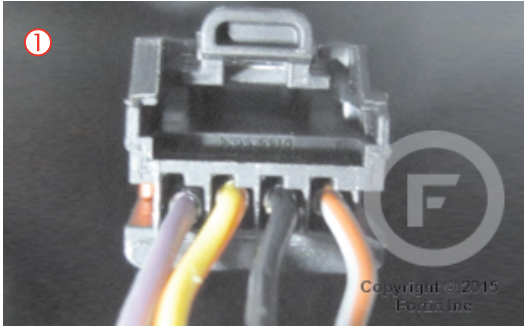
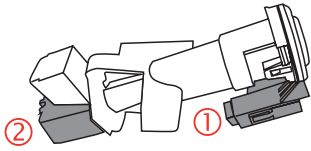
Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

① ② Ignition barrel

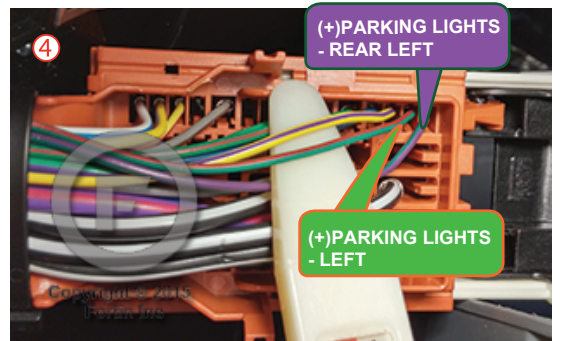
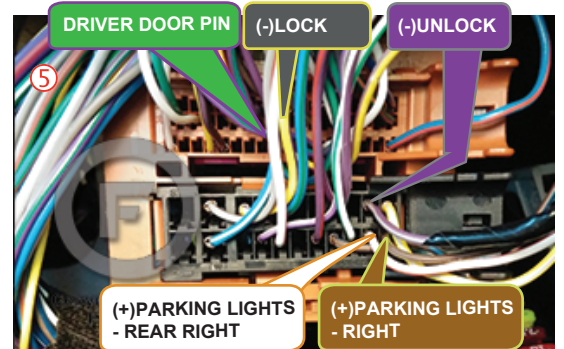
③ OBD-II connector



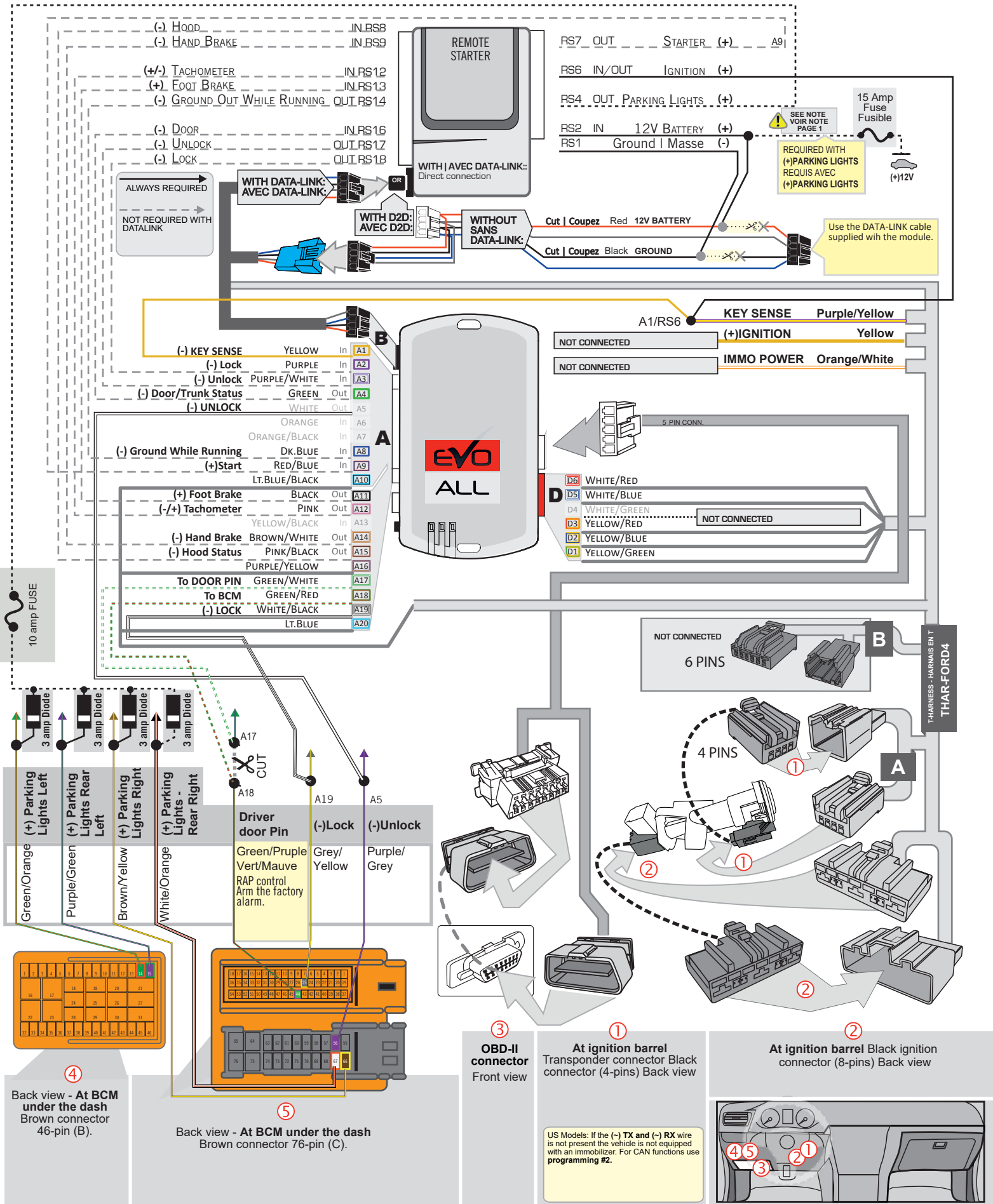
RX and TX of the module



BCM Under the dash



WIRING CONNECTION

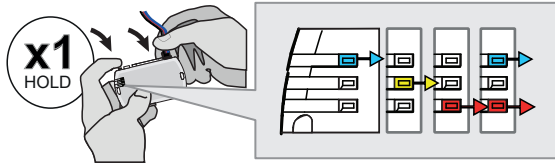


KEY BYPASS PROGRAMMING PROCEDURE 1/2



2 key required for programming

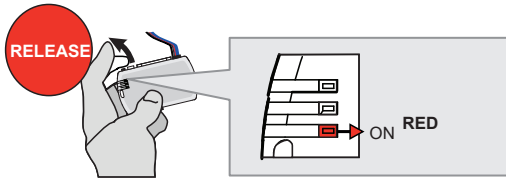
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

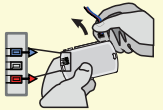
↳ The LED will alternate between BLUE, YELLOW, RED, BLUE, YELLOW and RED flashes.

2

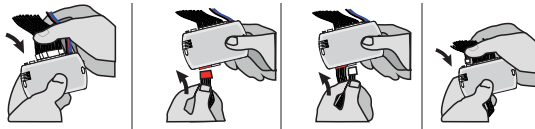


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

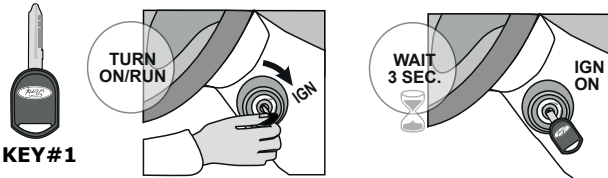


3



Insert the required remaining connectors.

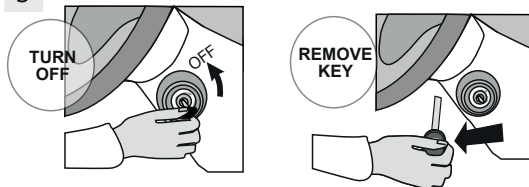
4



Turn the first functional key to the ON/RUN position.

Wait 3 seconds.

5



Turn the ignition to the OFF position

and **remove** the first key.

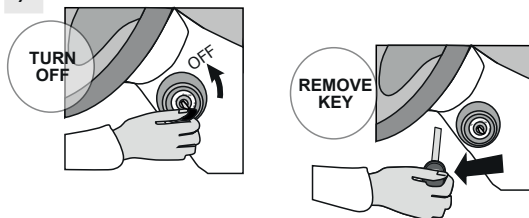
6



Turn the second functional key to the ON/RUN position.

Wait 3 seconds.

7



Turn the ignition to the OFF position

and **remove** the second key.



5 sec. max

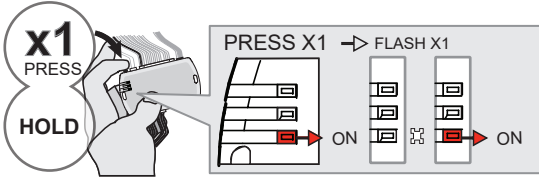
KEY BYPASS PROGRAMMING PROCEDURE 2/2

8



CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.

5 sec. max



Press and hold the programming button until the LED flashes once.

↳ The RED LED will flash once (1x).

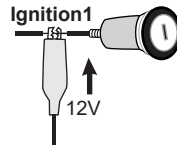


Release the programming button.

OR

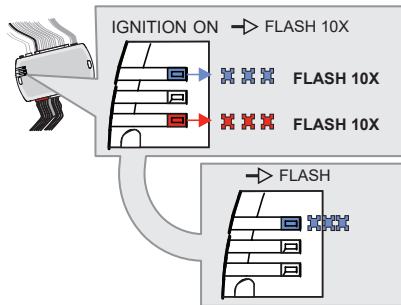


Activate the remote starter.



Using a jumper wire, apply **power (12v)** to the vehicle's ignition1.

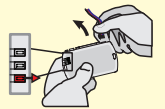
9



↳ The RED AND BLUE LEDs will flash rapidly ten (10) times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

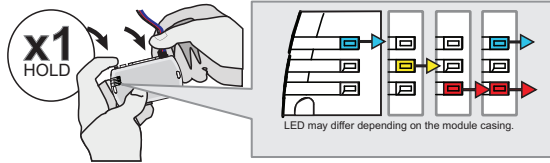


The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

PROGRAM.: 2 VEHICLE WITHOUT IMMOBILIZER WIRE

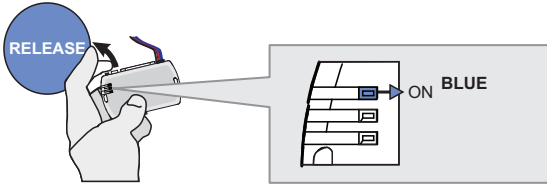
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

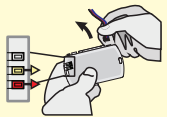
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

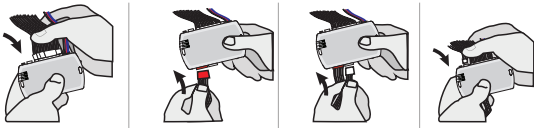


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

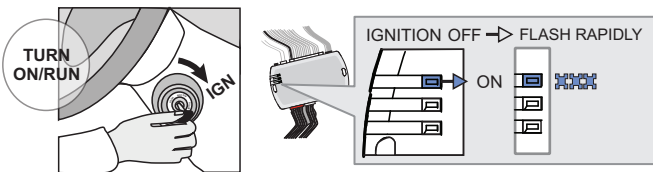


3



Insert the required remaining connectors.

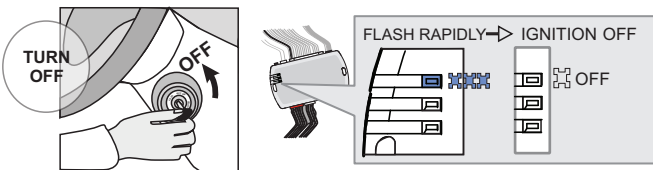
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will turn off.



The module is now programmed.

**THAR-FOR4 THARNNESS STAND ALONE
INSTALLATION**

ADDENDUM - SUGGESTED WIRING CONFIGURATION



"Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	"Vehicle functions supported in this diagram (functional if equipped)"														
		Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	RAP Disable	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	
FORD																
Edge	40-bits	2007-2010	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Escape	40-bits	2008-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Hybrid 40-bits	2008-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Flex	40-bits	2011-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Fusion	40-bits	2010-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Taurus	40-bits	2008-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•
MAZDA																
Tribute	40-bits	2008-2011	•	•	•	•	•	•	•	•	•	•	•	•	•	•

	HARDWARE VERSION	FIRMWARE VERSION	To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately.
	MINIMUM 6	71.[47] FORD MINIMUM	

	Program bypass option (If this option is not OFF the Ignition will turn On when the door are unlock):	UNIT OPTION	DESCRIPTION
		A5	OFF AUX.1 AUX.1


Parts required (Not included)

- 1x Relay (Parking lights)
- 1x Hood Pin
- 1x Valet switch

MANDATORY INSTALL
***HOOD PIN**

HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN.

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

PARTS REQUIRED (NOT INCLUDED)

1x **FLASH LINK UPDATER,**
 1x **FLASH LINK MANAGER**
 SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

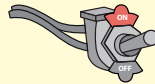
1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
 Smartphone *Android* or *iOS* with Internet connection (*provider charges may apply*).

MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH



VALET SWITCH

Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.

STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION
	OEM Remote Stand Alone Remote Starter:	D1.10	By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE,VERROUILLE,VERROUILLE
		D1.1	
	Program bypass option with oem remote:	C1	OEM Remote Monitoring
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit

REMOTE STARTER FUNCTIONALITY

All doors must be closed.

3X

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED

x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package **RSPB**, Sold separately.

WARNING

REMOTE STARTER

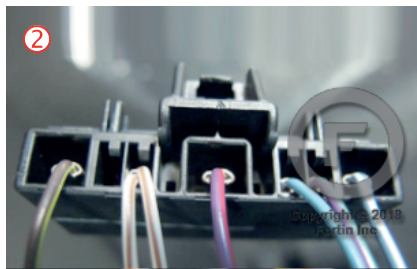
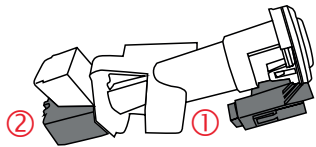
THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION

VEHICLE	WIRE	WIRE COLOR	POSITION
FORD			
Edge	40-bits	PARKING LIGHTS	Purple/White Harnais in driver kick panel.
Escape	40-bits	PARKING LIGHTS	Purple/White Driver running board.
	Hybrid 40-bits	PARKING LIGHTS	Purple/White Driver kick panel.
Flex	40-bits	PARKING LIGHTS	Purple/White At Smart Junction Box, Connector D.
Fusion	40-bits	PARKING LIGHTS	Purple/White Harnais in driver kick panel.
Taurus	40-bits	PARKING LIGHTS	Purple/White At Smart Junction Box, Connector E, in driver kick panel.
MAZDA			
Tribute	40-bits	PARKING LIGHTS	Purple/White Driver running board.

① ②

Ignition barrel

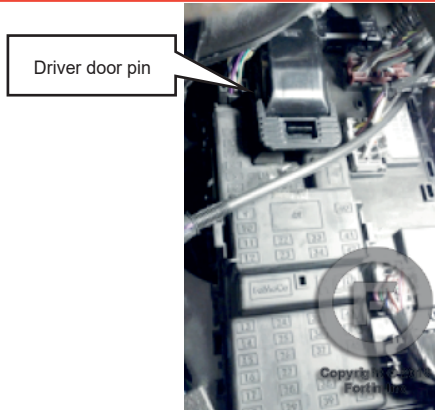
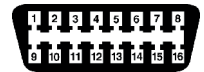


④

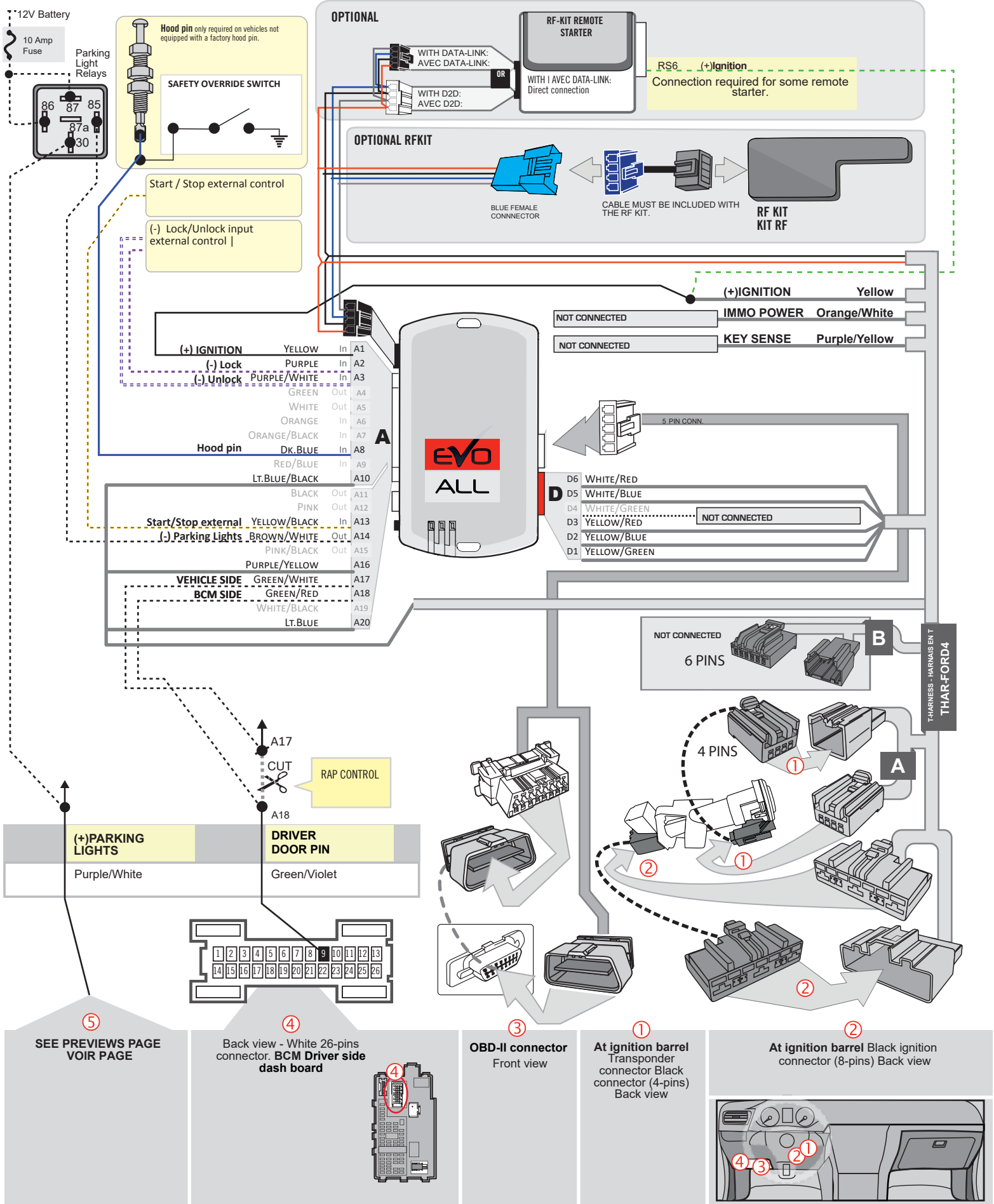
BCM Driver side dash board

③

OBD-II connector




WIRING CONNECTION




KEY BYPASS PROGRAMMING PROCEDURE 1/2

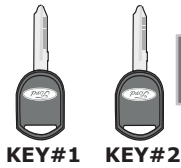
Choose between :



2 key programming.

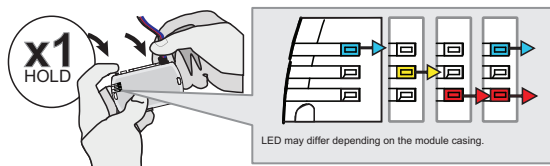


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

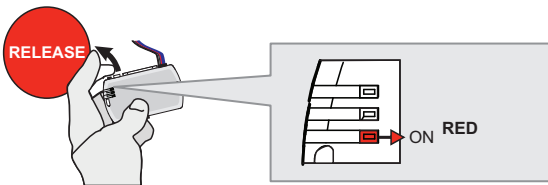
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

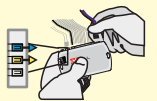
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

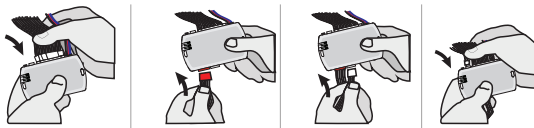


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

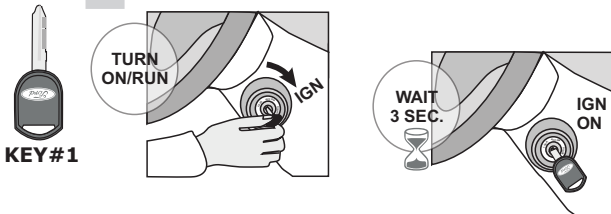


3



Insert the required remaining connectors.

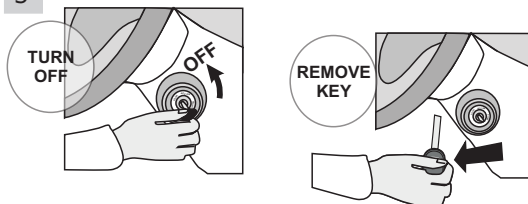
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

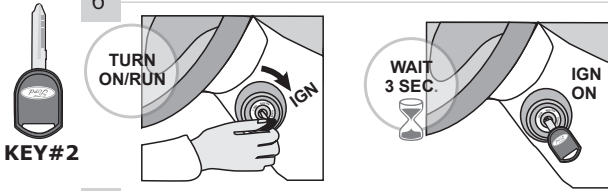
5



Turn the key to the OFF position.

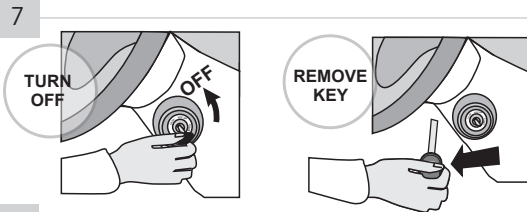
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

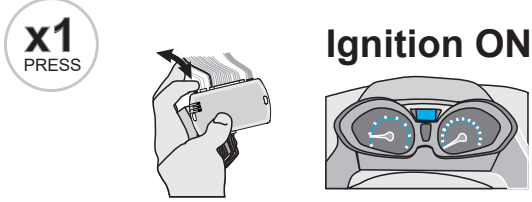
Wait 3 seconds.



Turn the key to the OFF position.

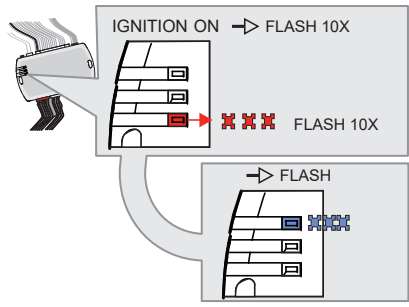
Remove the second key.

8 **CAUTION** The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.
5 sec. max



Press and release the programming button.

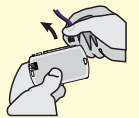
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times.
Key bypass programmed.

↳ The BLUE LED will flash rapidly.
CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE

Parts required (not included)

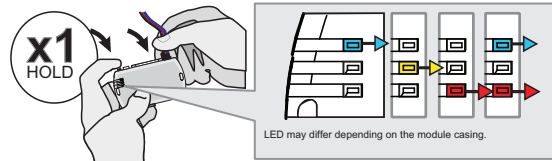
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection



OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- 1x Smartphone *Android or iOS* with Internet connection
(Internet provider charges may apply)

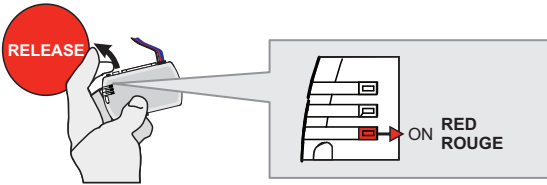
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

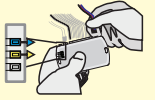
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

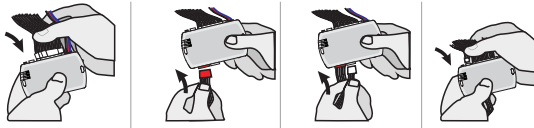


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

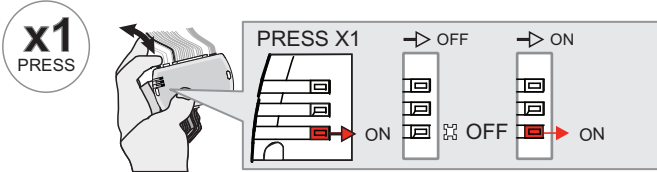


3



Insert the required remaining connectors.

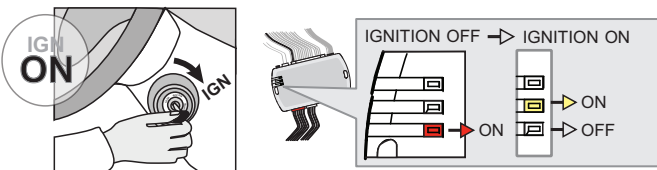
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5

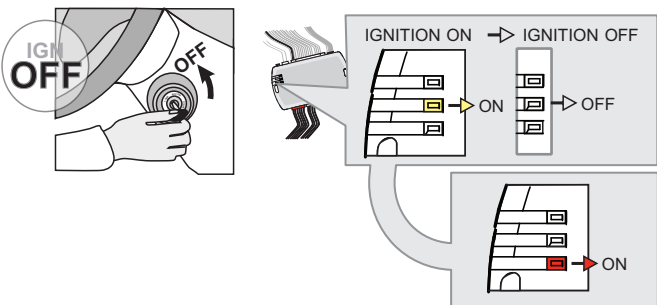


Turn the key to the Ignition ON/RUN position.

↳ The YELLOW LED will turn on.

↳ The RED LED will turn OFF.

6



Turn the key to the OFF position.

↳ The YELLOW LED will turn OFF.

↳ The RED LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/2

7

TURN ON/RUN

IGNITION OFF → IGNITION ON

ON → OFF

FLASH

Turn the key to the Ignition ON/RUN position.

- ↳The YELLOW LED will turn on and off.
- ↳The RED LED will turn OFF.

↳WAIT, the BLUE LED to flash rapidly.

8

TURN OFF

IGNITION OFF → FLASH RAPIDLY

ON → ON

Turn the key to the OFF position.

- ↳The RED and YELLOW LEDs will alternate.

9

Disconnect all the connectors and after the Data-Link (4-pins) connector.

10

Microsoft Windows Computer with Internet connection*

FLASH LINK UPDATER*

FLASH LINK MANAGER* SOFTWARE | PROGRAMME

OR

Smartphone* (Internet provider charges may apply)

VEHICLE'S OBD-II CONNECTOR

FLASH LINK MOBILE*

Use the tool: FLASH LINK UPDATER or FLASH LINK MOBILE to visit the DCryptor menu.

*Parts required (not included)

11

AFTER DCRYPTOR PROGRAMMING COMPLETED Go back to the vehicle and reconnect connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

**THAR-FOR4 THARNNESS STAND ALONE
INSTALLATION**

ADDENDUM - SUGGESTED WIRING CONFIGURATION


ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Immobilize bypass	T-Harness	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD																
Edge	80-bits (SA KEY) 2011-2014	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Explorer	80-bits (SA KEY) 2011-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Expedition	80-bits (SA KEY) 2015-2017	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F150	80-bits (SA KEY) 2011-2014	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F250	80-bits (SA KEY) 2011-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F350	80-bits (SA KEY) 2011-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F450	80-bits (SA KEY) 2011-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F550	80-bits (SA KEY) 2011-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Flex	80-bits (SA KEY) 2013-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Taurus	80-bits (SA KEY) 2013-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
LINCOLN																
MKX	80-bits (SA KEY) 2011-2013	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION


71.[49]

FORD MINIMUM

 To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

		UNIT OPTION	DESCRIPTION
	Program bypass option:	A5	ON AUX.1 with OEM alarm
			OFF AUX.1 without OEM alarm

		UNIT OPTION	DESCRIPTION
	Program bypass option:	C1	OEM Remote status (Lock/Unlock) monitoring


Parts required (Not included)

- 1x **THAR-FOR4**
- 1x Relay (Parking lights)
- 1x Hood Pin
- 1x Valet switch

MANDATORY INSTALL
***HOOD PIN**

HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11
OFF
Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.


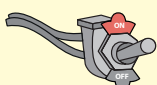
PARTS REQUIRED (NOT INCLUDED)

1x **FLASH LINK UPDATER,**
 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
Smartphone *Android* or *iOS* with Internet connection (*provider charges may apply*).

MANDATORY






HOOD PIN  REMOTE START SAFETY OVERRIDE SWITCH 

VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.


STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION
	OEM Remote Stand Alone Remote Starter:	D1.10 	By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE,VERROUILLE,VERROUILLE
		D1.1 	
	Program bypass option with oem remote:	C1	OEM Remote Monitoring
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit


REMOTE STARTER FUNCTIONALITY




All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.




START 

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED


x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package **RSPB**, Sold separately.

WARNING

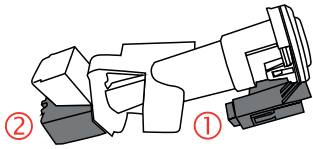


REMOTE STARTER

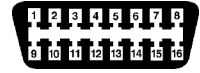
THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

NOTES

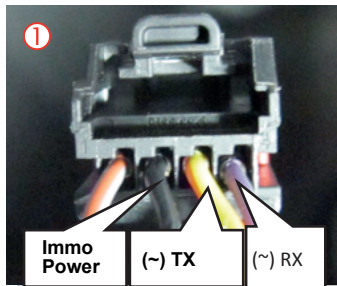
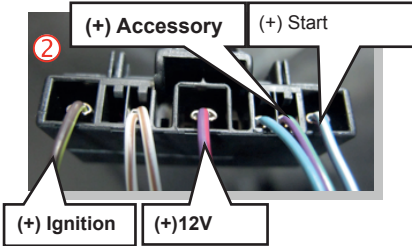
① ② Ignition barrel



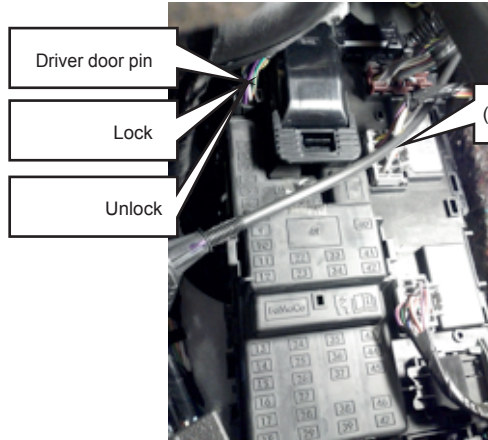
③ OBD-II connector



④ BCM Driver side dash board



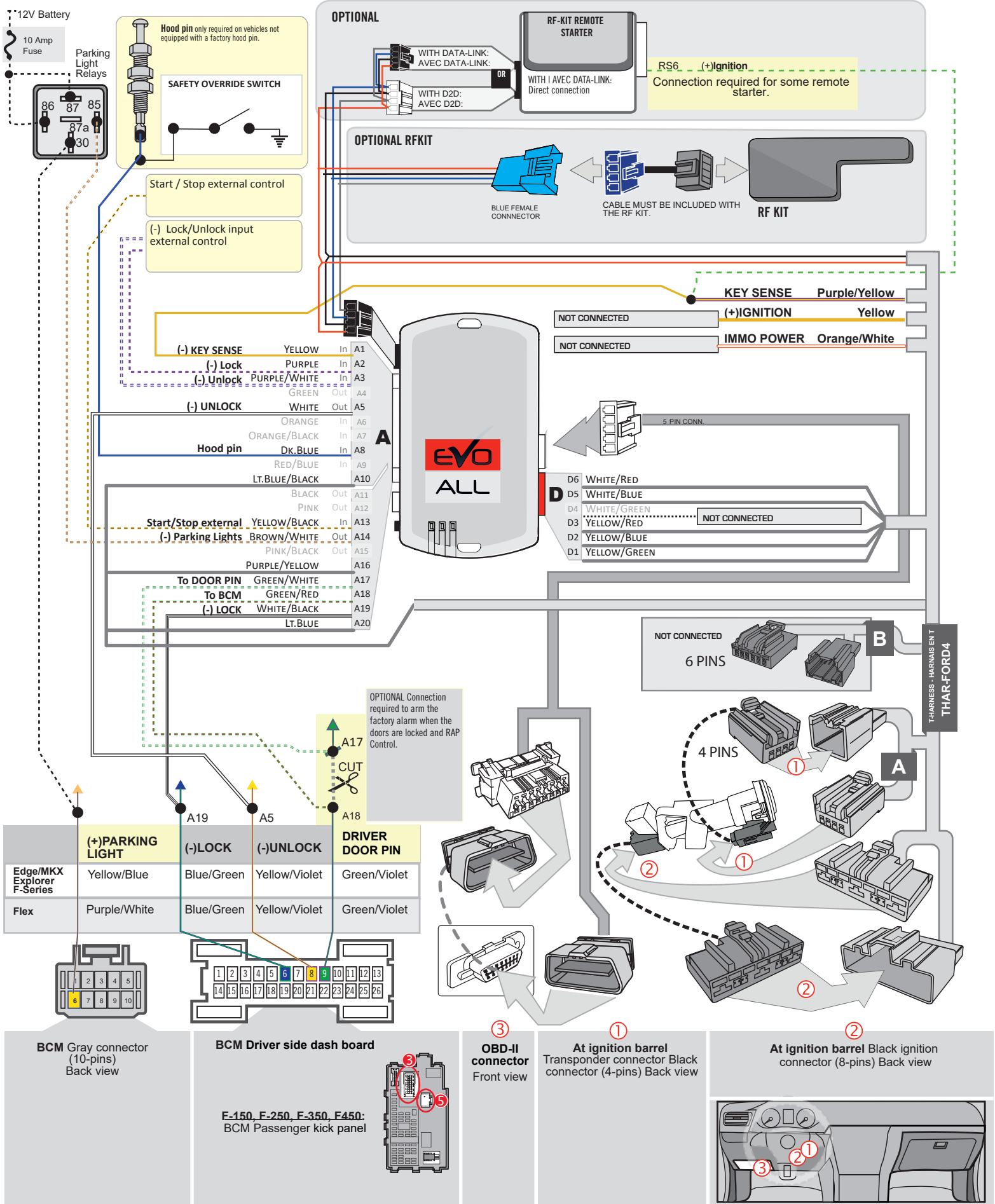
RX and TX of the module



F-150, F-250, F-350, F450:

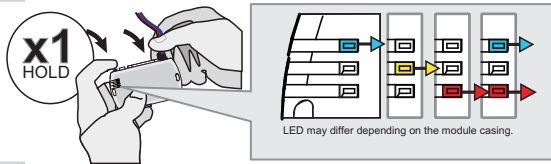
BCM Passenger side dash board
Black connector (26-pins) Back view
or
Driver kick panel Running board harness

WIRING CONNECTION



KEY BYPASS PROGRAMMING PROCEDURE 1/2

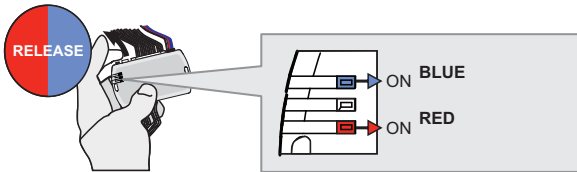
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

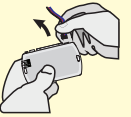
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

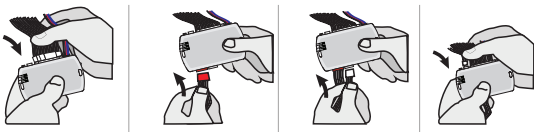


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 4-Pin connector (Data-Link) and go back to step 7.

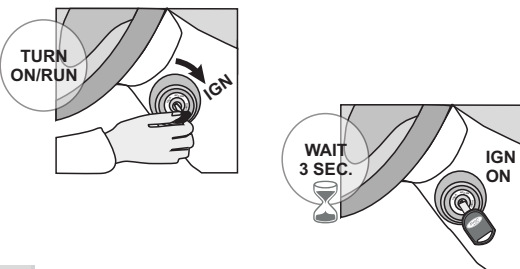


3



Insert the required remaining connectors.

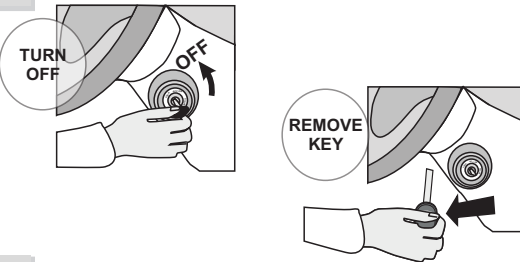
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

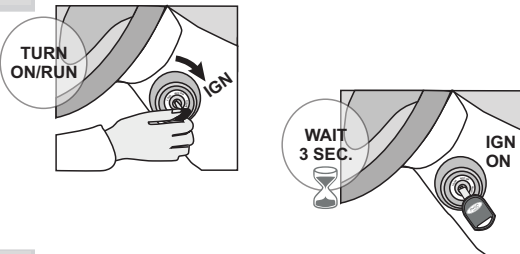
5



Turn the key to the OFF position.

and **remove** the first key.

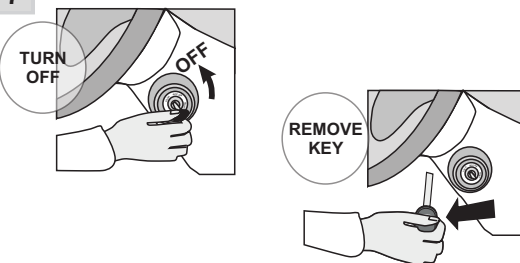
6



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

7

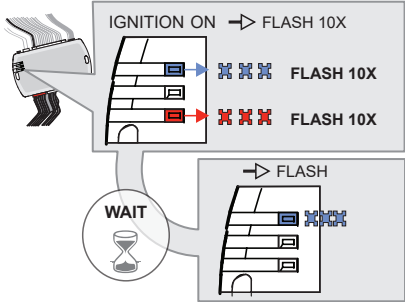
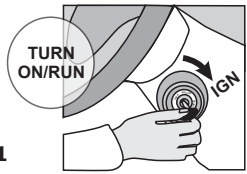


Turn the key to the OFF position.

and **remove** the second key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2

8



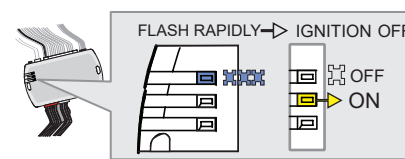
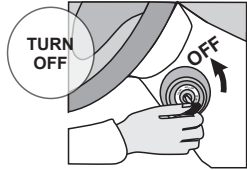
Turn the key to the Ignition ON/RUN position.

↳ The RED AND BLUE LEDs will flash rapidly ten (10) times.
Key bypass programmed.

Wait

↳ The BLUE LED will flash rapidly.
CAN-Bus programmed.

9



Turn the Ignition to the OFF position.

↳ The BLUE LED will turn off.
↳ The YELLOW LED will turn on.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

**THAR-FOR4 THARNNESS STAND ALONE
INSTALLATION**

ADDENDUM - SUGGESTED WIRING CONFIGURATION


ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

VEHICLE			"Vehicle functions supported in this diagram (functional if equipped)"														
VEHICLE	YEARS		Immobilizer bypass	T-harness	Lock	Unlock	Arm	Disarm	RAP Disable	Trunk Release	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD																	
Escape	40-bits	2011-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Hybrid 40-bits	2008-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

	HARDWARE VERSION	FIRMWARE VERSION	To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately.
	MINIMUM 6	71.[47] FORD MINIMUM	

	Program bypass option:	UNIT OPTION	DESCRIPTION
		C1	OEM Remote status (Lock/Unlock) monitoring
D5	Lock after start		

	Program bypass option (Vehicle hybrid only):	UNIT OPTION	DESCRIPTION
		D4	Hybrid mode (Vehicle hybrid only)

NOTES

ATTENTION THE T-HARNNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

MANDATORY INSTALL
***HOOD PIN**


HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN.

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

PARTS REQUIRED (NOT INCLUDED)


1x **FLASH LINK UPDATER,**
 1x **FLASH LINK MANAGER**
 SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

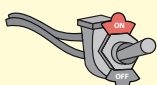
1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
 Smartphone *Android* or *iOS* with Internet connection (*provider charges may apply*).

MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.


STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION
	OEM Remote Stand Alone Remote Starter:	D1.10 	By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE,VERROUILLE,VERROUILLE
		D1.1 	
	Program bypass option with oem remote:	C1	OEM Remote Monitoring
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit


REMOTE STARTER FUNCTIONALITY




All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.




START 

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED


x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package **RSPB**, Sold separately.

WARNING

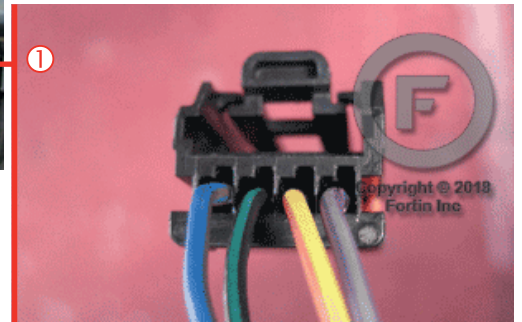
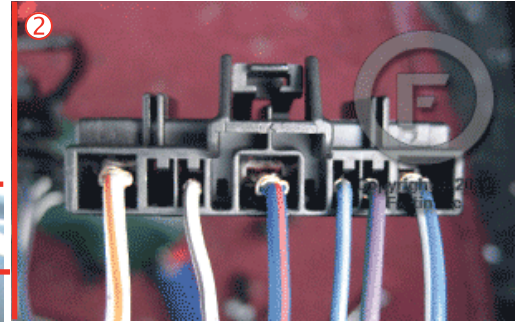
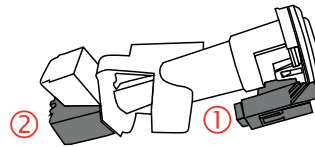
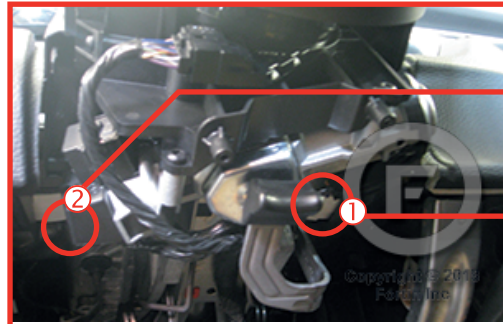


REMOTE STARTER

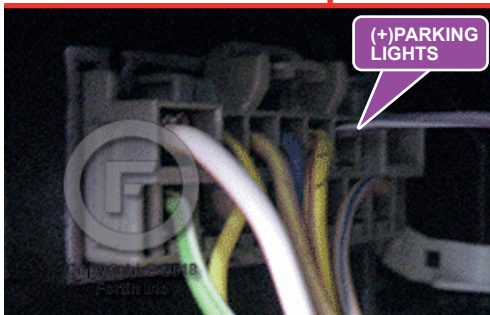
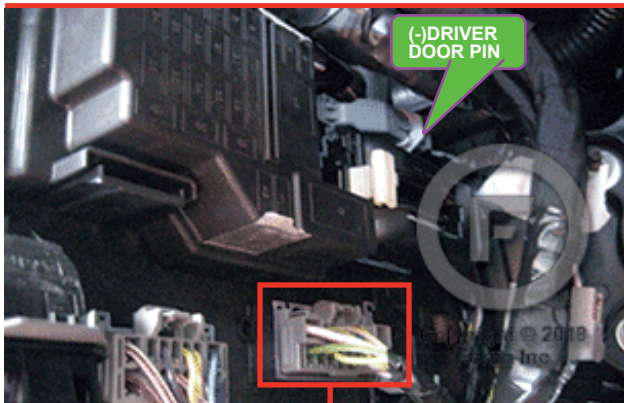
THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION

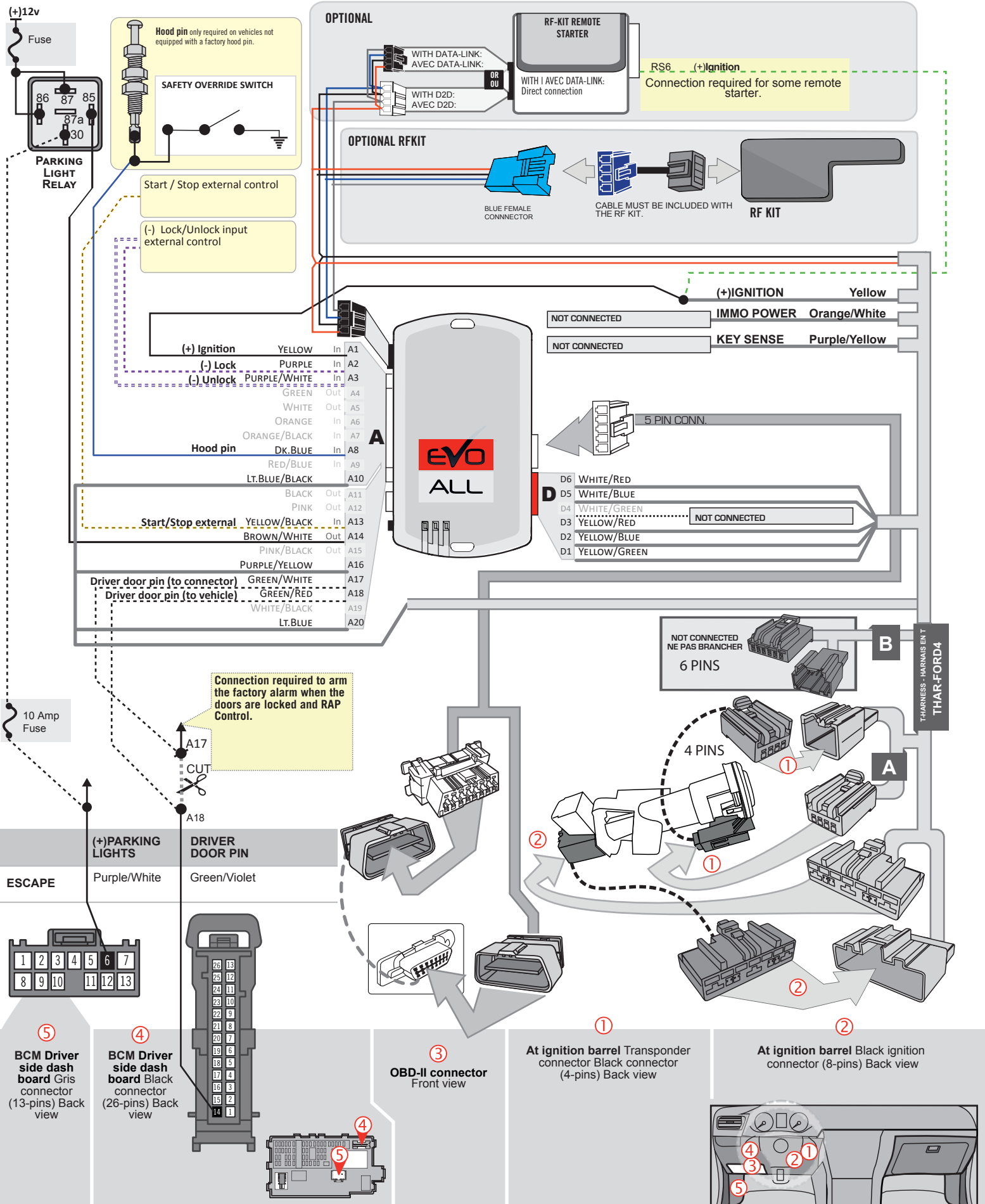
Ignition barrel



5 BCM Driver side dash board




AUTOMATIC TRANSMISSION WIRING CONNECTION




KEY BYPASS PROGRAMMING PROCEDURE 1/2

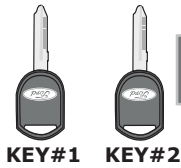
Choose between :



2 key programming.

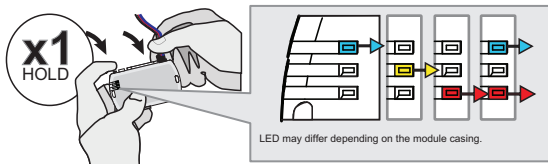


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

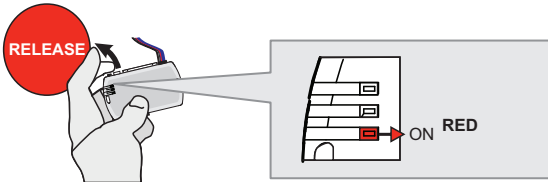
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

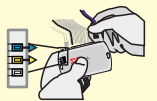
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

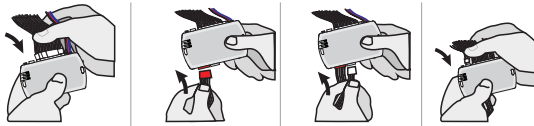


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

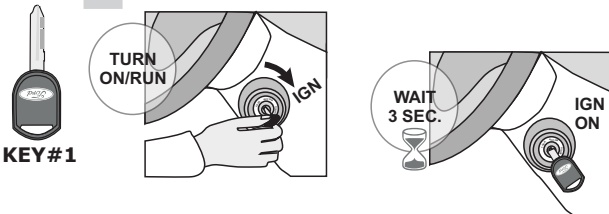


3



Insert the required remaining connectors.

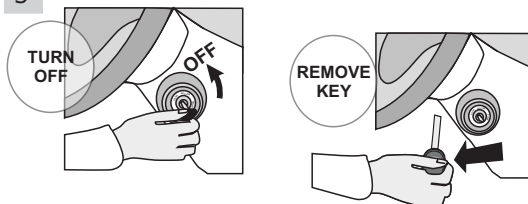
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

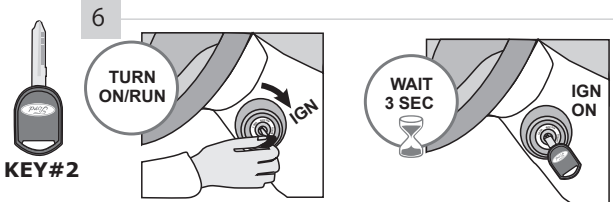
5



Turn the key to the OFF position.

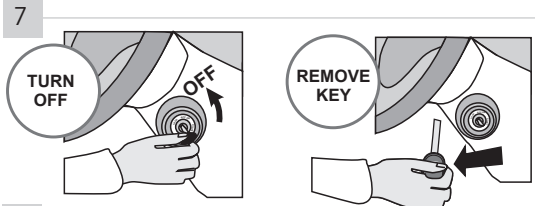
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

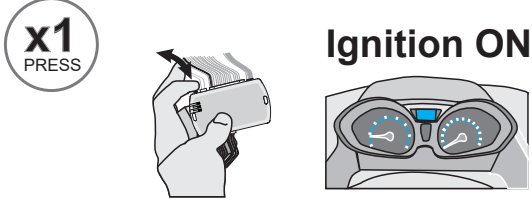
Wait 3 seconds.



Turn the key to the OFF position.

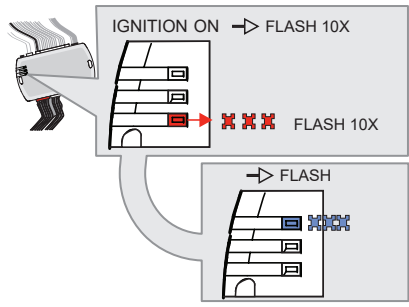
Remove the second key.

8  **CAUTION** The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.
5 sec. max



Press and release the programming button.

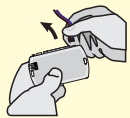
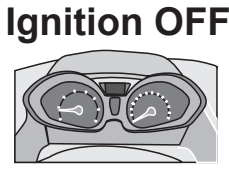
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE

Parts required (not included)

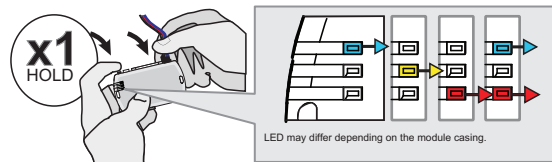
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection



OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- 1x Smartphone *Android or iOS* with Internet connection
(Internet provider charges may apply)

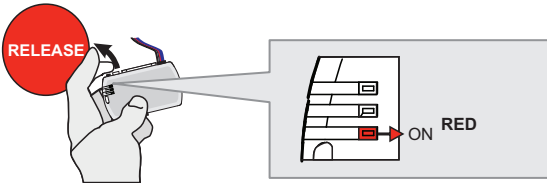
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

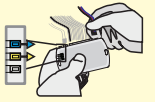
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

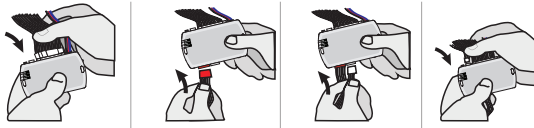


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

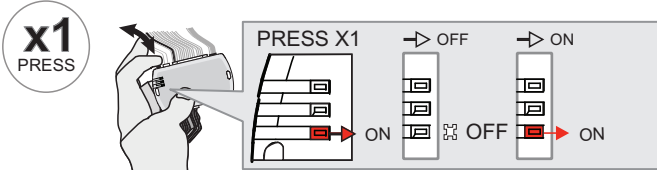


3



Insert the required remaining connectors.

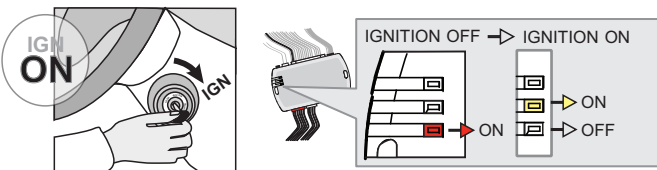
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5

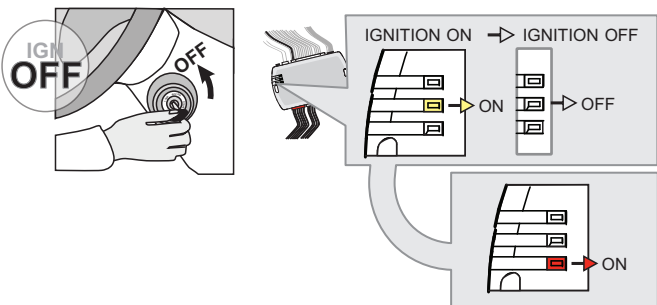


Turn the key to the Ignition ON/RUN position.

↳ The YELLOW LED will turn on.

↳ The RED LED will turn OFF.

6



Turn the key to the OFF position.

↳ The YELLOW LED will turn OFF.

↳ The RED LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/2

7

Turn the key to the Ignition ON/RUN position.

- ↳The YELLOW LED will turn on and off.
- ↳The RED LED will turn OFF.

↳WAIT, the BLUE LED to flash rapidly.

8

Turn the key to the OFF position.

- ↳The RED and YELLOW LEDs will alternate.

9

Disconnect all the connectors and after the Data-Link (4-pins) connector.

10

Use the tool: FLASH LINK UPDATER or FLASH LINK MOBILE to visit the DCryptor menu.

*Parts required (not included)

11

AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and reconnect the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

THAR-FOR4 THARNNESS STAND ALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.



Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Immobilizer bypass	Lock	Unlock	Arm	Disarm	RAP Disable	Trunk Release	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	R.S. OEM remote Stand Alone compatible
FORD																	
Escape	80-BITS 2013-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
C-MAX hybrid	80-BITS 2013-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Kuga	80-BITS 2013-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Transit Connect	80-BITS 2014-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:

A11

OFF

Hood trigger (Output Status).



Program bypass option (Vehicle hybrid only):

UNIT OPTION

D4

DESCRIPTION

Hybrid mode (Vehicle hybrid only)



Parts required (Not included)

- 1x Diode 1 Amp
- 2x Diode 3 Amp
- 1x Fusible 10 Amp
- 1x Relay (Parking lights)
- 1x Valet switch

NOTES

ATTENTION THE T-HARNNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.


PARTS REQUIRED (NOT INCLUDED)

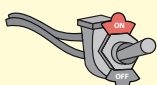
1x **FLASH LINK UPDATER**
 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
Smartphone Android or iOS with Internet connection (provider charges may apply).

MANDATORY

HOOD PIN 






REMOTE START SAFETY OVERRIDE SWITCH 

VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.


STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION
	OEM Remote Stand Alone Remote Starter:	D1.10 	By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE,VERROUILLE,VERROUILLE
		D1.1 	
	Program bypass option with oem remote:	C1	OEM Remote Monitoring
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit


REMOTE STARTER FUNCTIONALITY




All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.




START 

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED

x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open

REMOTE STARTER WARNING CARD



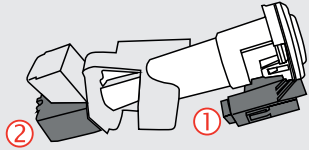
CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package RSPB, Sold separately.

WARNING

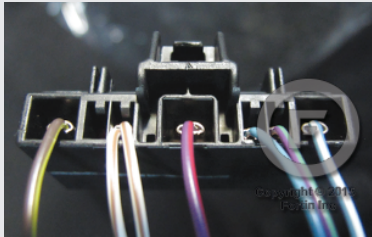
REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

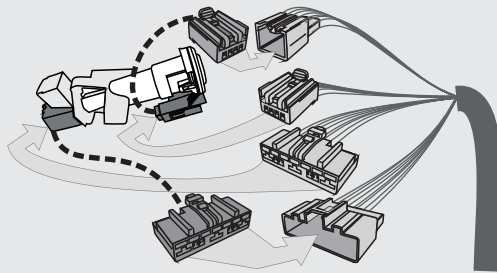
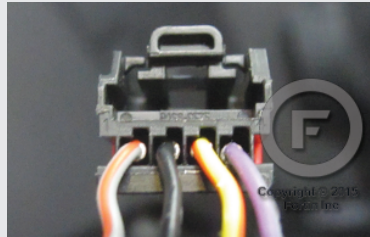
DESCRIPTION



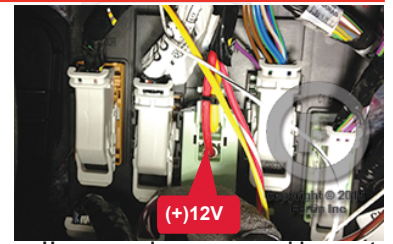
② At ignition barrel



① Immobiliser RX and TX of the module

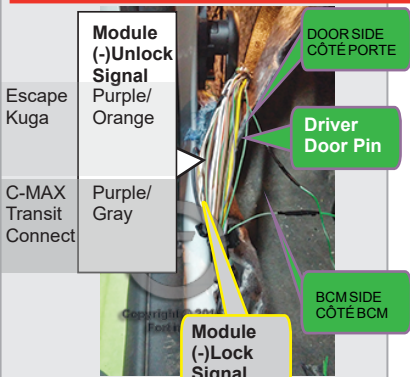


④ BCM, Fuse box, behind glove box



Harness under passenger-side carpet.

⑤ Driver kick panel



Escape Kuga

Module (-)Unlock Signal Purple/ Orange

C-MAX Transit Connect

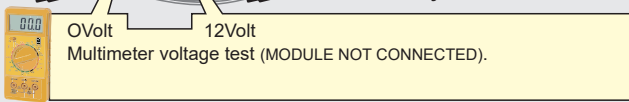
Purple/ Gray

Module (-)Lock Signal

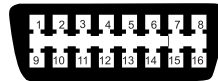


③ OBD-II connector

	(+)Parking Lights left	(+)Parking Lights right
Escape Kuga	Purple/ Green	Purple/ Green
C-MAX	Purple/ Green	Purple/ Green
Transit Connect	Yellow/ Blue	Brown/ Yellow




Multimeter voltage test (MODULE NOT CONNECTED).




KEY BYPASS PROGRAMMING PROCEDURE 1/2

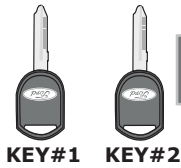
Choose between :



2 key programming.

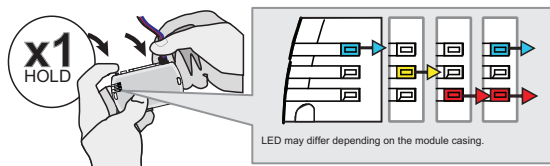


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

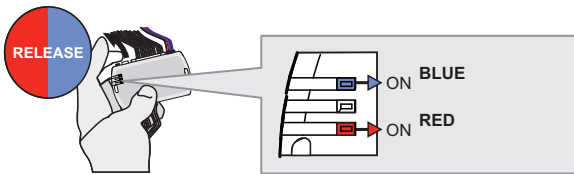
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

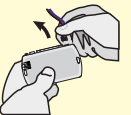
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

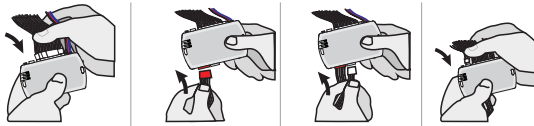


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

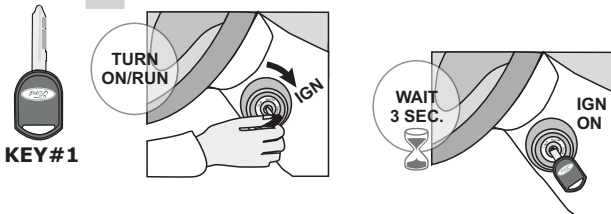


3



Insert the required remaining connectors.

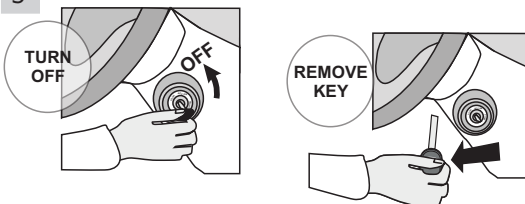
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

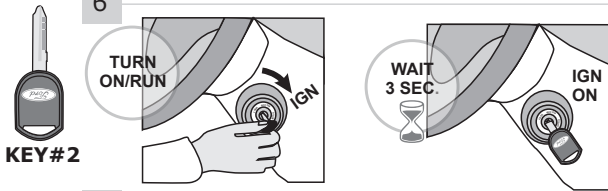
5



Turn the key to the OFF position.

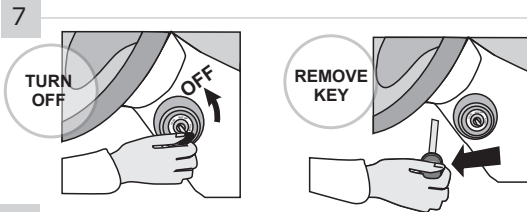
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

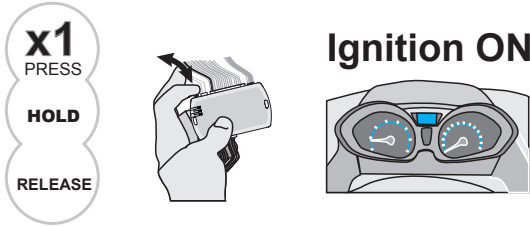
Wait 3 seconds.



Turn the key to the OFF position.

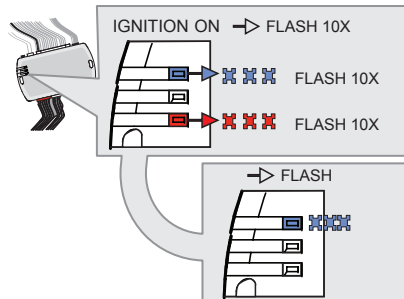
Remove the second key.

8 **CAUTION** The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.
5 sec. max



Press and hold the programming button until the vehicle ignition turn ON.

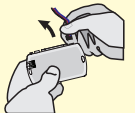
Release the programming button.



↳ The RED and BLUE LEDS will flash rapidly 10x times.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

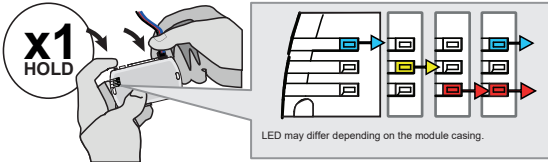
- 1x FLASH LINK UPDATER, SOFTWARE | PROGRAMME
- 1x FLASH LINK MANAGER
- 1x Microsoft Windows Computer with Internet connection

OR
OU

- 1x FLASH LINK MOBILE
- 1x FLASH LINK MOBILE APP
- Smartphone Android or iOS with Internet connection (Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

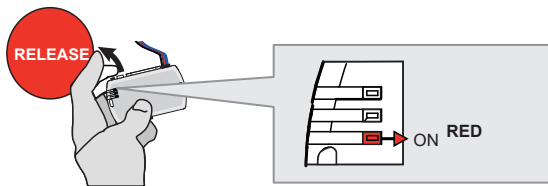
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

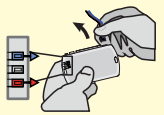
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

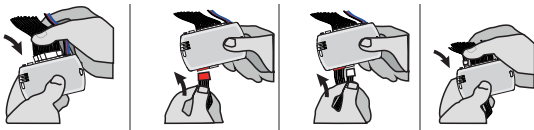


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

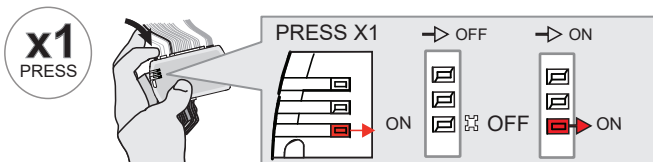


3



Insert the required remaining connectors.

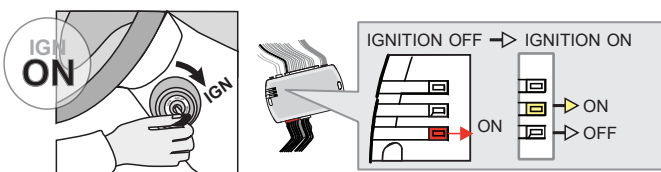
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



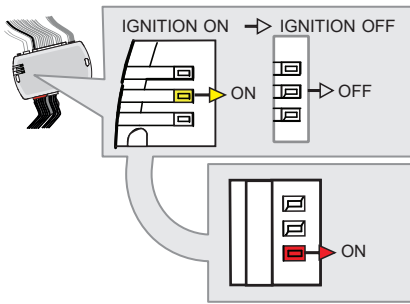
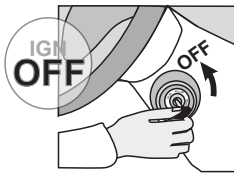
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

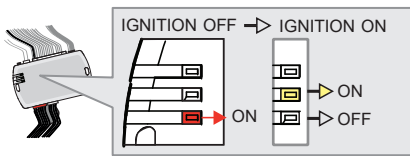
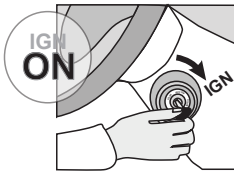
6



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

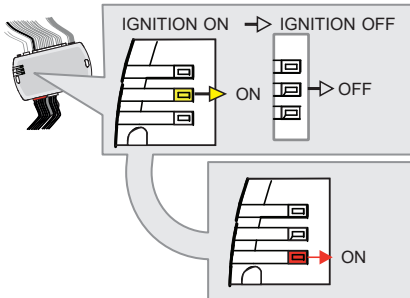
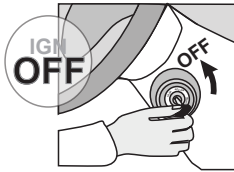
↳ The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳ The RED LED will turn OFF.
↳ The YELLOW LED will turn on.

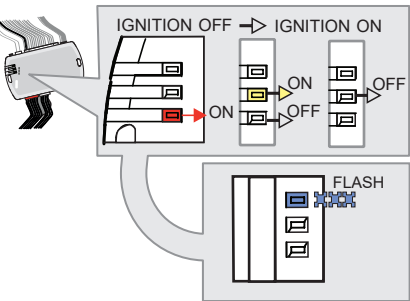
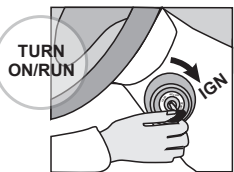
8



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

↳ The RED LED will turn on.

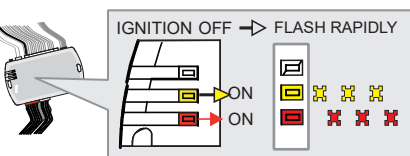
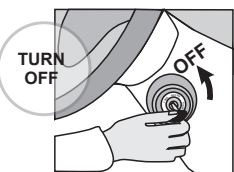
9



Turn the key to the Ignition ON/RUN position.
↳ The YELLOW LED will turn on and off.
↳ The RED LED will turn OFF.

↳ WAIT, the BLUE LED to flash rapidly.

10

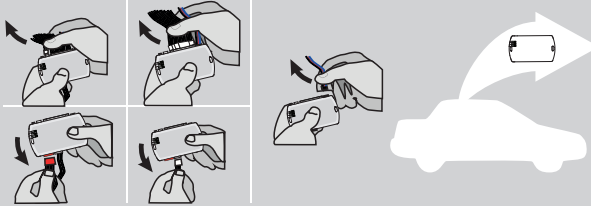


Turn the key to the OFF position.

↳ The RED and YELLOW LEDs will alternate.

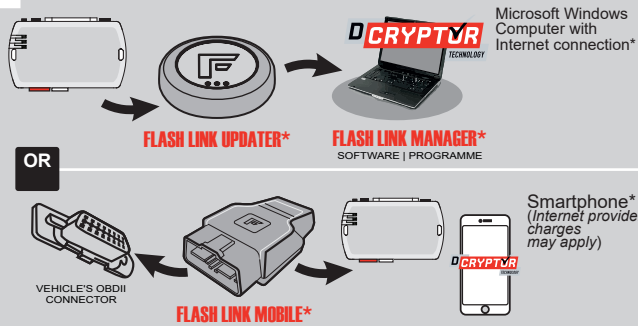
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



Disconnect all the connectors and after the Data-Link (4-pins) connector.

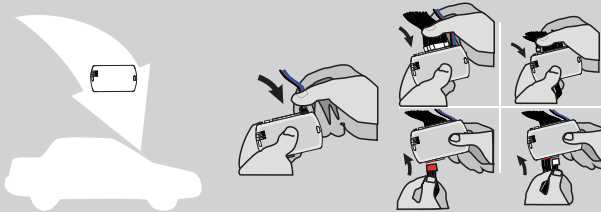
12



Use the tool: **FLASH LINK UPDATER** or **FLASH LINK MOBILE** to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.


THAR-FOR4 THARNNESS STAND ALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

VEHICLE		Vehicle functions supported in this diagram (functional if equipped)															
VEHICLE	YEARS	Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Parking Lights	RAP Disable	Trunk Release	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD																	
Escape	80-BITS 2017-2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

Program bypass option IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	UNIT OPTION	DESCRIPTION
	A11	OFF



Parts required (Not included)

- 2x Diode 3 Amp
- 1x Fusible 10 AMP
- 1x **THAR-FOR4**

NOTES

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11	OFF
------------	------------

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.


PARTS REQUIRED (NOT INCLUDED)

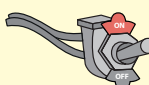
1x **FLASH LINK UPDATER**
 1x **FLASH LINK MANAGER**
 SOFTWARE
 1x Microsoft Windows Computer with Internet connection

OR

1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
 Smartphone *Android* or *iOS* with Internet connection (*provider charges may apply*).
 1x

MANDATORY

HOOD PIN 







REMOTE START SAFETY OVERRIDE SWITCH 

VALET SWITCH
COMMUNTEUR
VALET


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.


STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION
	OEM Remote Stand Alone Remote Starter:	D1.10 	By default, LOCK, LOCK, LOCK
		D1.1 	Par défaut, VERROUILLE, VERROUILLE, VERROUILLE
	Program bypass option with oem remote:	C1	OEM Remote Monitoring
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit
	Program bypass option Vehicle hybrid only:	D4	Hybrid mode (Vehicle hybrid only)


REMOTE STARTER FUNCTIONALITY




All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.




START 

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
 MODULE RED LED | DEL ROUGE DU MODULE


x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package RSPB, Sold separately.

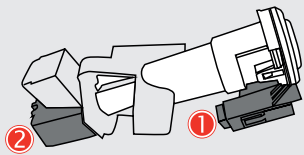
WARNING



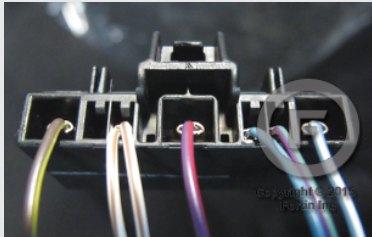
REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

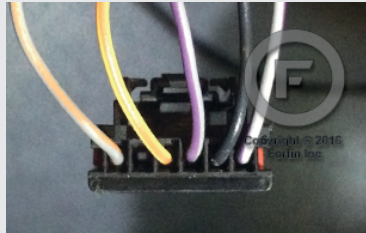
DESCRIPTION



① At ignition barrel

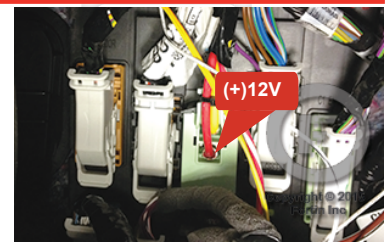


② Immobilisator



RX and TX of the module

④ BCM, Fuse box, behind glove box



⑤ Driver kick panel

Escape Kuga	Purple/ Orange
C-MAX Transit Connect	Purple/ Gray

Module (-)Unlock Signal

DOORSIDE CÔTÉ PORTE

Driver Door Pin

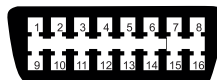
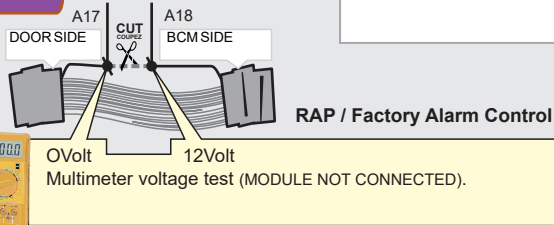
BCMSIDE CÔTÉ BCM

(-)Unlock

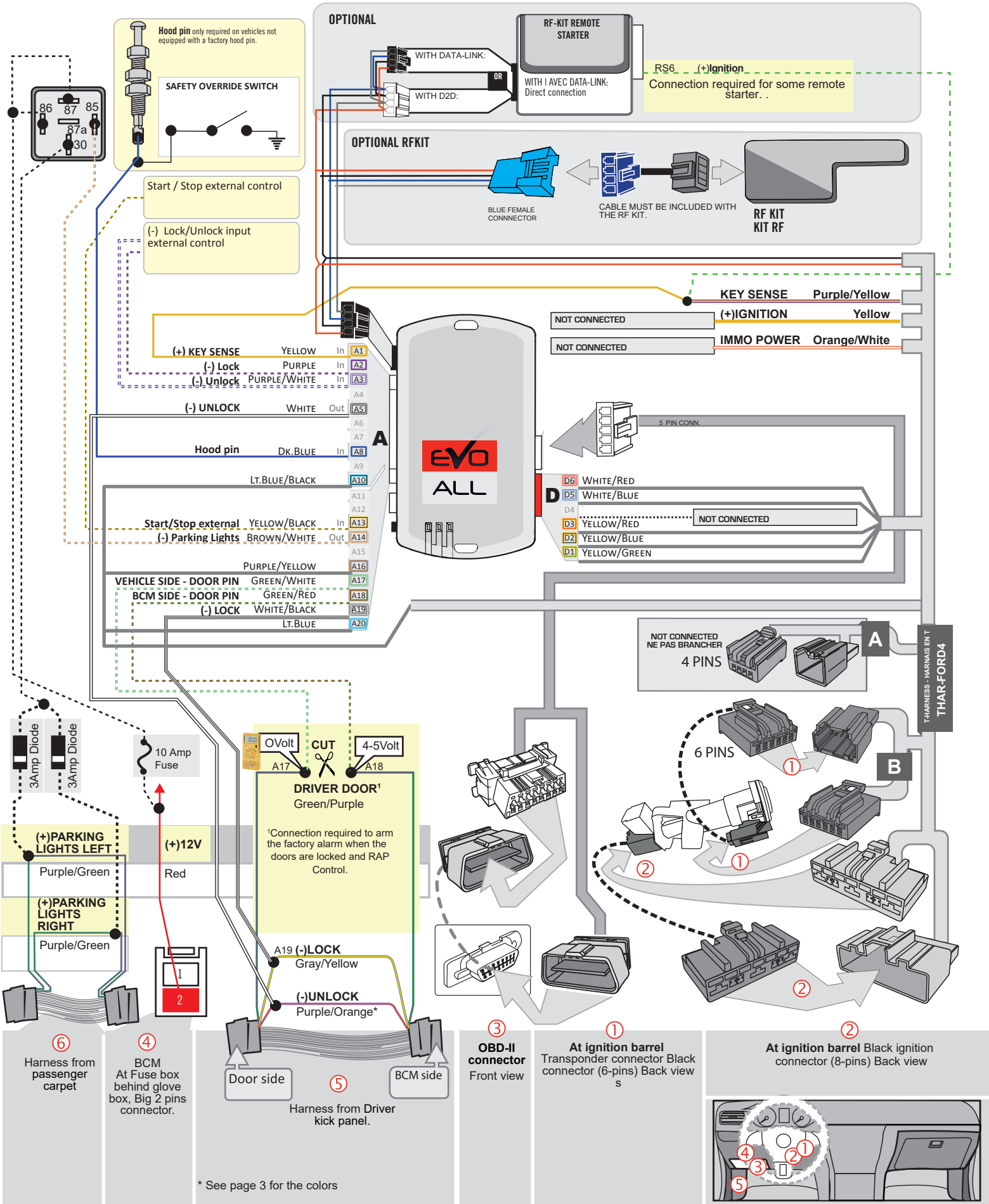


③ OBD-II connector

⑥ Harness under passenger-side carpet.




WIRING CONNECTION




KEY BYPASS PROGRAMMING PROCEDURE 1/2

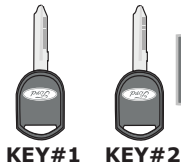
Choose between :



2 key programming.

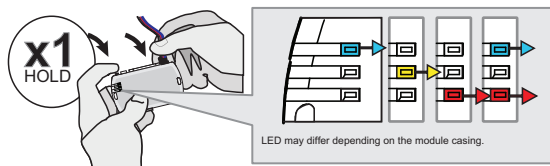


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

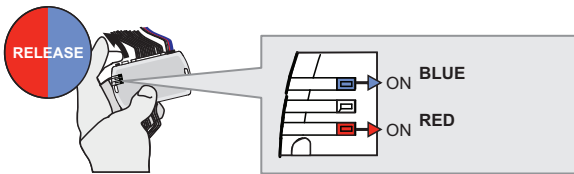
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

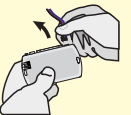
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

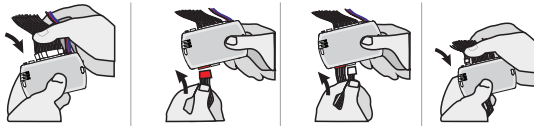


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

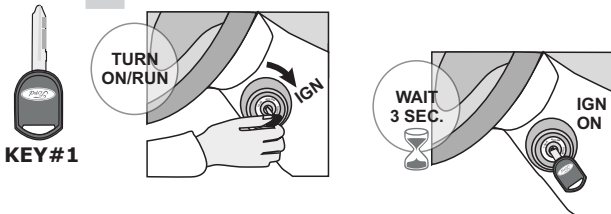


3



Insert the required remaining connectors.

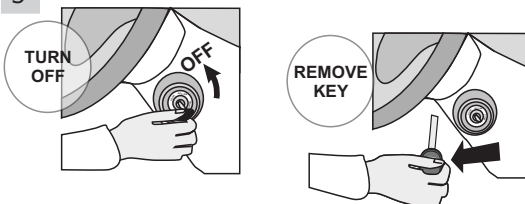
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

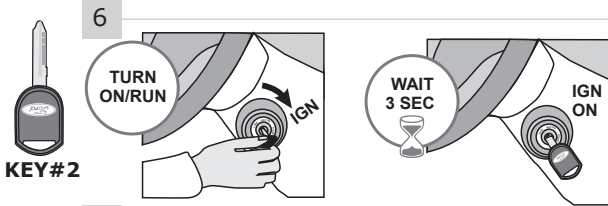
5



Turn the key to the OFF position.

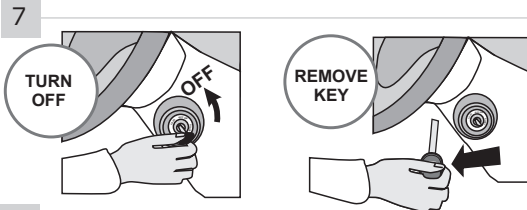
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



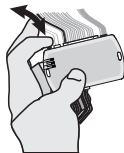
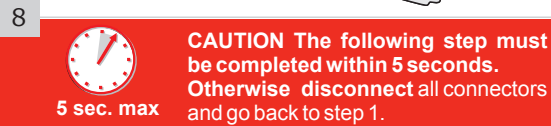
Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



Turn the key to the OFF position.

Remove the second key.

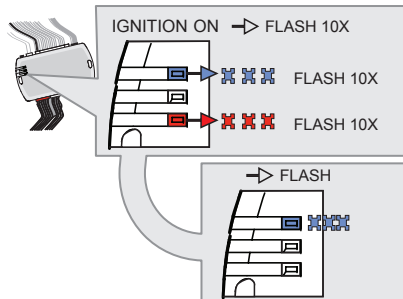


Ignition ON



Press and hold the programming button until the vehicle ignition turn ON.

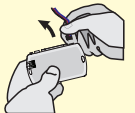
Release the programming button.



↳ The RED and BLUE LEDS will flash rapidly 10x times.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

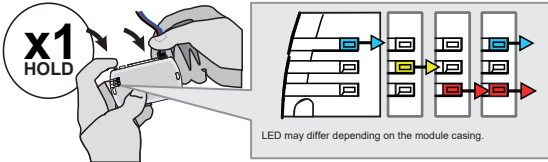
- 1x FLASH LINK UPDATER, SOFTWARE
- 1x FLASH LINK MANAGER SOFTWARE
- 1x Microsoft Windows Computer with Internet connection

OR
OU

- 1x FLASH LINK MOBILE
- 1x FLASH LINK MOBILE APP
- Smartphone Android or iOS with Internet connection (Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

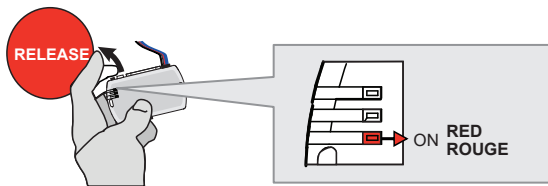
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

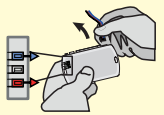
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

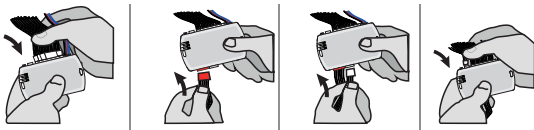


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

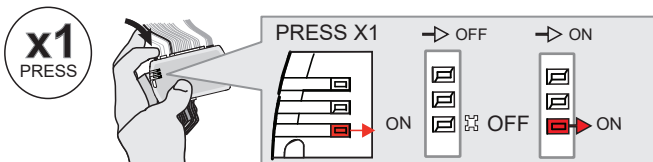


3



Insert the required remaining connectors.

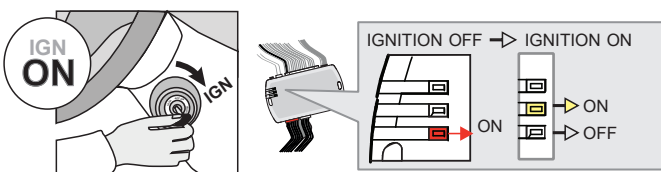
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



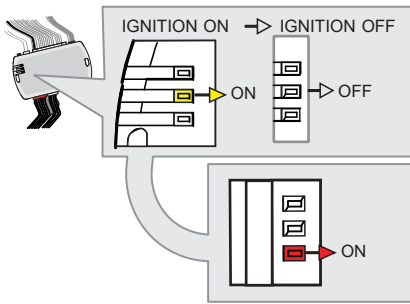
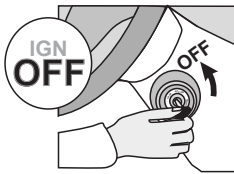
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

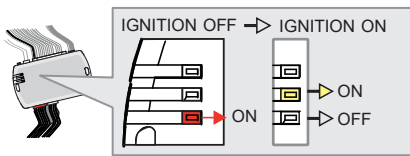
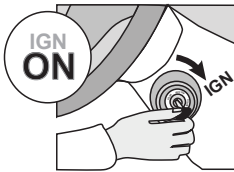
6



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

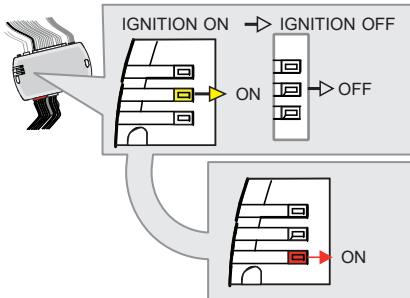
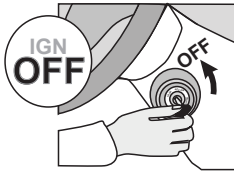
↳ The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳ The RED LED will turn OFF.
↳ The YELLOW LED will turn on.

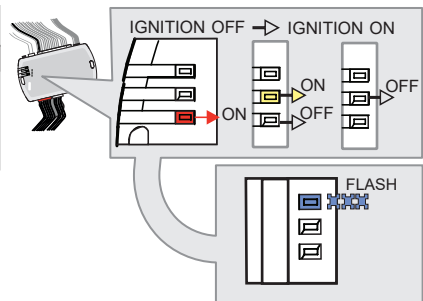
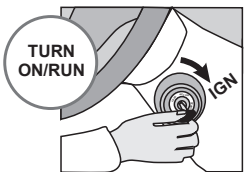
8



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

↳ The RED LED will turn on.

9

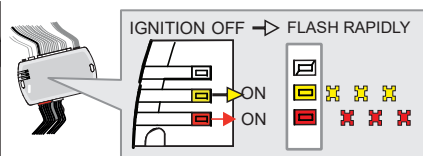
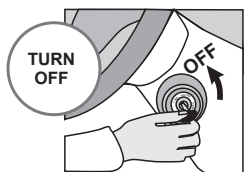


Turn the key to the Ignition ON/RUN position.
↳ The YELLOW LED will turn on and off.

↳ The RED LED will turn OFF.

↳ WAIT, the BLUE LED to flash rapidly.

10

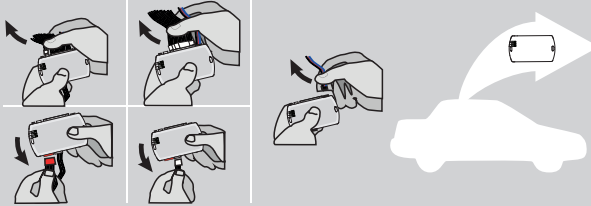


Turn the key to the OFF position.

↳ The RED and YELLOW LEDs will alternate.

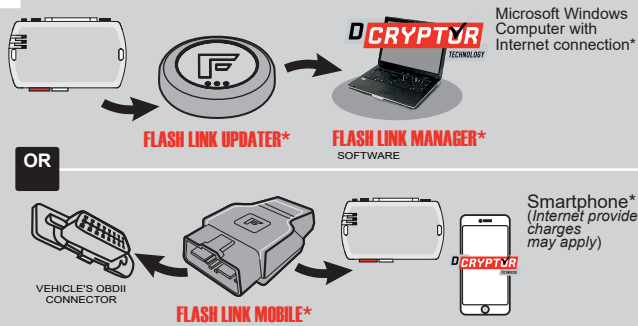
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



Disconnect all the connectors and after the Data-Link (4-pins) connector.

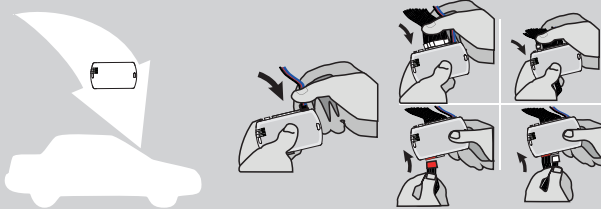
12



Use the tool:
FLASH LINK UPDATER or
FLASH LINK MOBILE
to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and reconnect the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.




REMOTE STARTER / ALARM VERIFICATION PROCEDURE


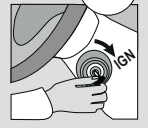
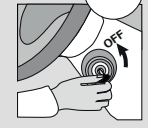
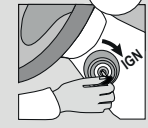


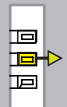

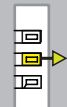
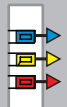


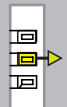

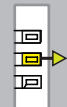
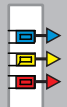


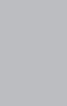
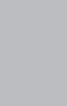
Test the remote starter. Remote start the vehicle.

OPTIONAL RF-KIT PROGRAMMING

PROGRAM BYPASS OPTION

	<p>Program bypass option:</p>	<p>H2</p>	<p><input checked="" type="checkbox"/> Supported RF-KITS enable <input checked="" type="checkbox"/> H2 Fortin 2</p>
---	-------------------------------	------------------	---

OPTIONAL FORTIN RF KIT SERIES 4 OR SERIES 9 PROGRAMMING

<p>The module must be programmed on the vehicle.</p>  <p>MAKE SURE THE IGNITION KEY HAS BEEN IN THE OFF POSITION FOR AT LEAST 5 SECONDS.</p>	<p>1</p> <p>ON TURN ON/RUN</p>  <p>Turn the key to the ON/RUN position.</p>	<p>2</p> <p>OFF TURN OFF</p>  <p>Turn the ignition to the OFF position.</p>	<p>3</p> <p>ON TURN ON/RUN</p>  <p>Turn the key to the ON/RUN position.</p>	<p>4</p> <p>4X BRAKES</p> <p>x4 PRESS</p>  <p>Press and release the brake pedal four times.</p>	<p>5</p> <p>ON EACH TRANSMITTER</p> <p>4 BUTTONS</p> <p>[-] PRESS AND RELEASE</p> <p>→ PRESS AND RELEASE</p> <p>1 BUTTON</p> <p>PRESS APPROX. 12 SEC. AND WAIT FOR THE BLUE LED TO TURN OFF THEN BACK ON SOLID THEN RELEASE.</p>	<p>6</p> <p>OFF TURN OFF</p>  <p>Turn the ignition to the OFF position.</p>
	<p>The LED will turn ON solid.</p> 	<p>The LED will turn Off.</p> 	<p>The LED will turn ON solid.</p> 	<p>The LED will flash rapidly.</p> 	<p>The LED will turn off each time.</p> 	<p>The LED will turn Off.</p> 
	<p>The 3 LED will turn ON solid.</p> 	<p>The 3 LED will turn ON solid.</p> 	<p>The LED will turn ON solid.</p> 	<p>The 3 LED will turn ON solid.</p> 	<p>The LED will flash rapidly.</p> 	<p>The 3 LED will turn off.</p> 
	<p>The 3 LED will turn off each time.</p> 			<p>The 3 LED will turn off each time.</p> 		



REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

THAR-FOR4 THARNNESS STAND ALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	RAP Disable	Trunk Release	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
Fiesta	2011-2013	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

UNIT OPTION	DESCRIPTION
UNIT OPTION	DESCRIPTION

- NOTES**
- Parts required** (Not included)
 - 1x Relay (Parking lights)
 - 2x 1 Amp. Diode
 - 1x Fuse
 - 1x **THAR-FOR4**

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

PARTS REQUIRED (NOT INCLUDED)

1x **FLASH LINK UPDATER,**
 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
Smartphone Android or iOS with Internet connection (provider charges may apply).

MANDATORY

HOOD PIN

REMOTE START SAFETY OVERRIDE SWITCH

VALET SWITCH

Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.

STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION
	OEM Remote Stand Alone Remote Starter:	D1.10	By default, LOCK, LOCK, LOCK
		D1.1	Par défaut, VERROUILLE,VERROUILLE,VERROUILLE
	Program bypass option with oem remote:	C1	OEM Remote Monitoring
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit

REMOTE STARTER FUNCTIONALITY

All doors must be closed.

3X

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED

x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open

REMOTE STARTER WARNING CARD

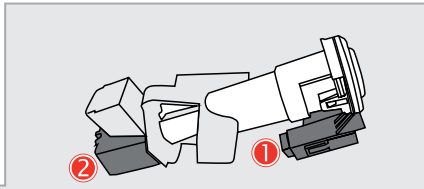
CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package RSPB, Sold separately.

WARNING | ATTENTION

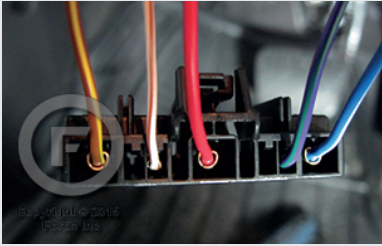
REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION



② At ignition barrel

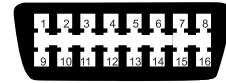


① Immobilisator

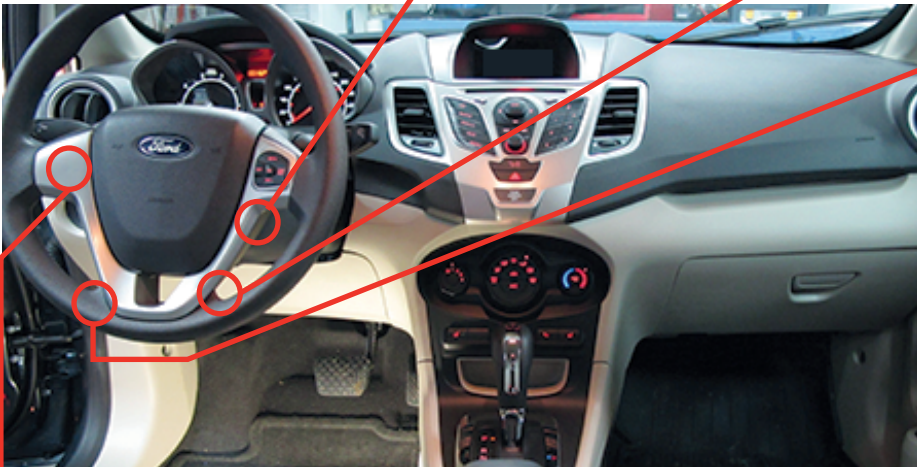
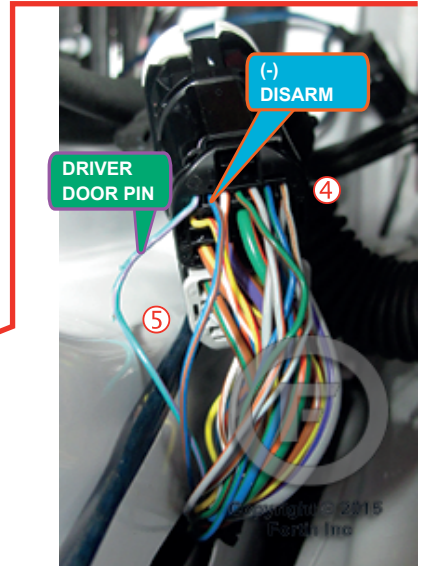


RX and TX of the module

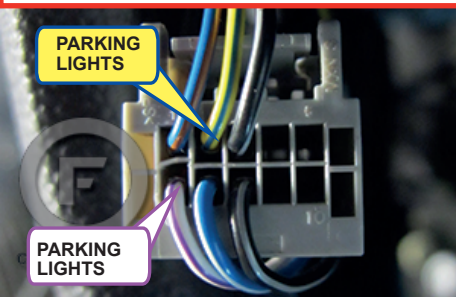
③ OBDII connector



④ ⑤ From Driver door boot



⑥ Parking Lights switch



DESCRIPTION

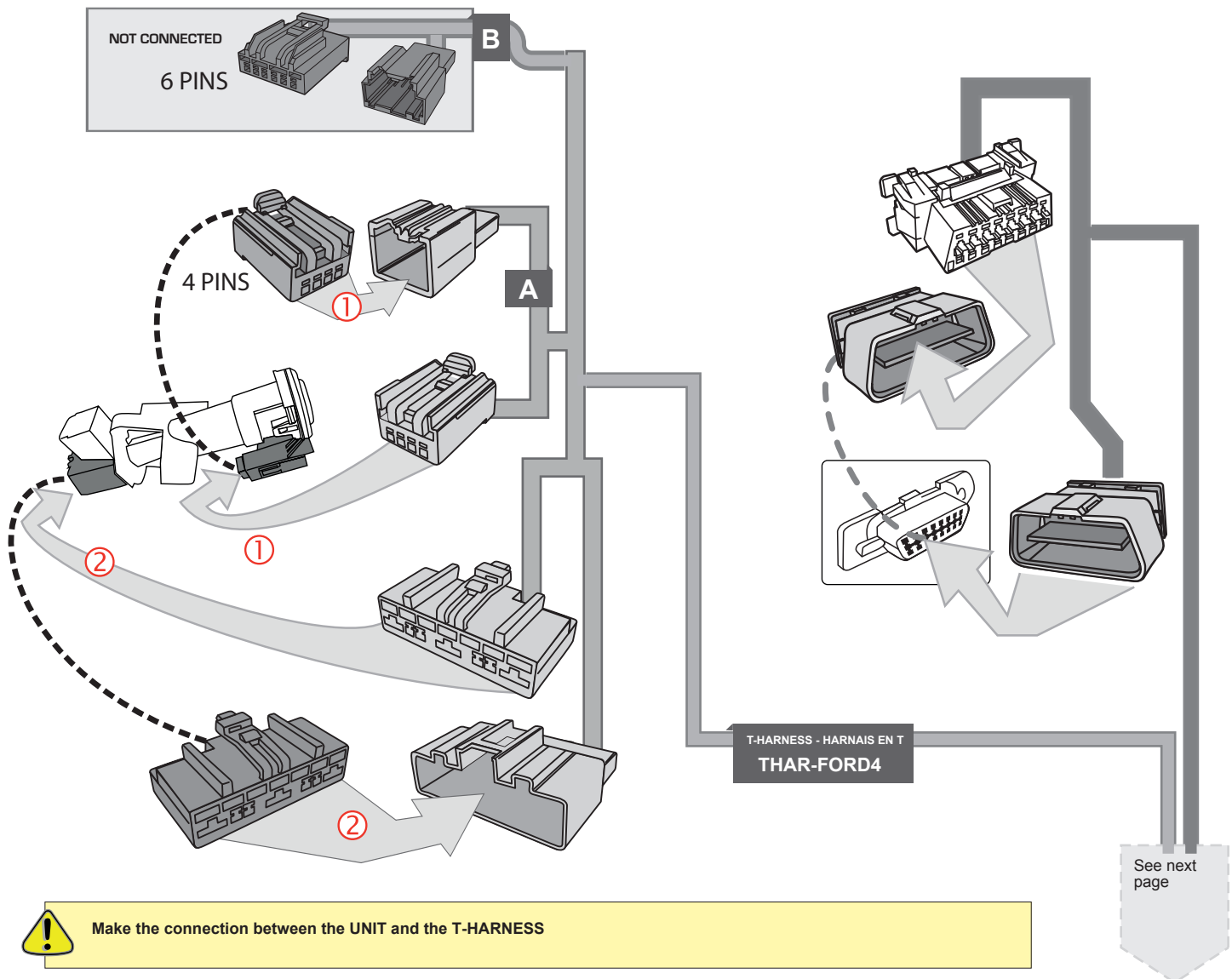
12V BATTERY



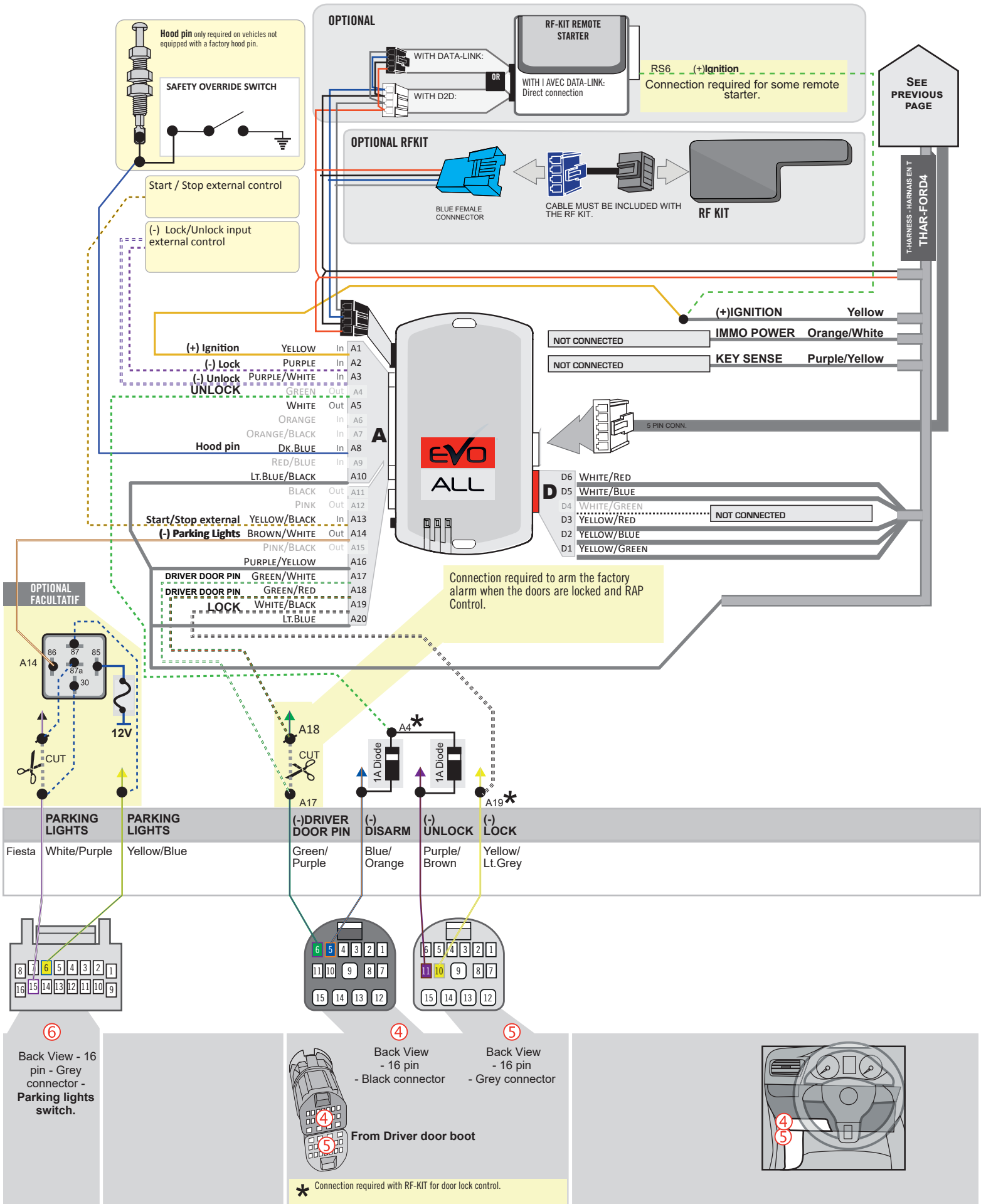
ATTENTION
THE T-HARNESS CURRENT
IS LIMITED AT 5 AMP MAXIMUM.

If the parking lights (+) require more than 5Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.




AUTOMATIC TRANSMISSION WIRING CONNECTION




KEY BYPASS PROGRAMMING PROCEDURE 1/2

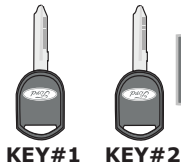
Choose between :



2 key programming.

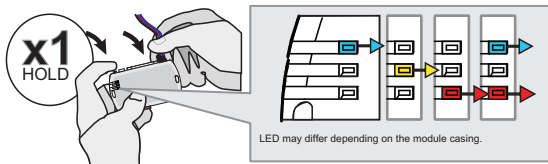


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

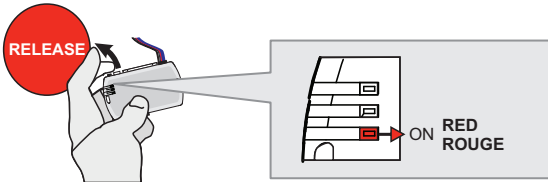
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

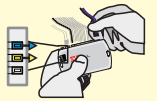
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

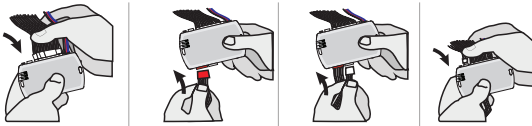


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



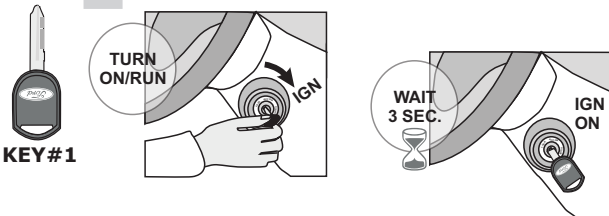
3



Insert the required remaining connectors.

Insérez les connecteurs requis restants.

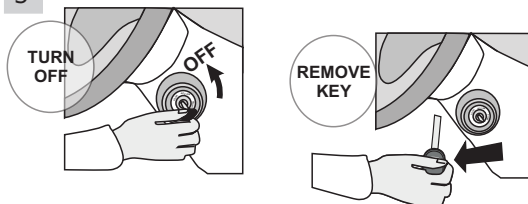
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

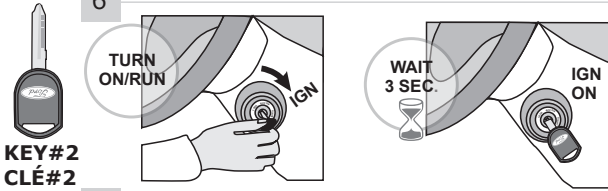
5



Turn the key to the OFF position.

Remove the first key.

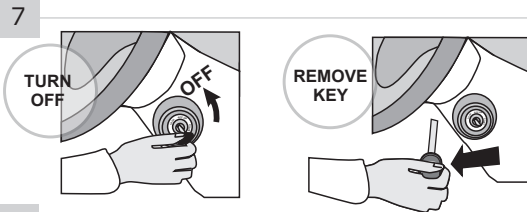
KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

KEY#2
CLÉ#2



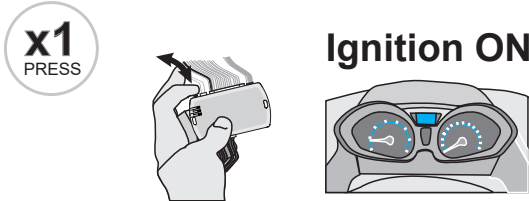
Turn the key to the OFF position.

Remove the second key.

8

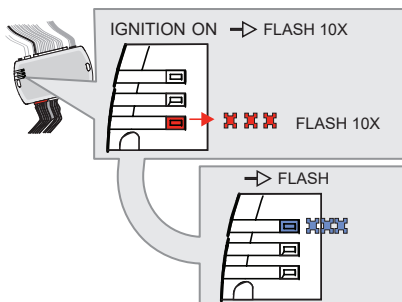
5 sec. max

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.



Press and release the programming button.

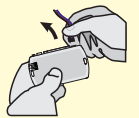
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

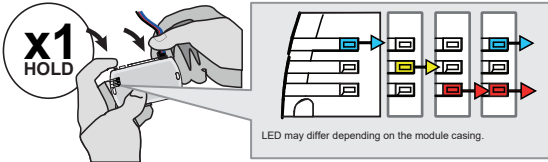
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- Smartphone Android or iOS with Internet connection
(Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

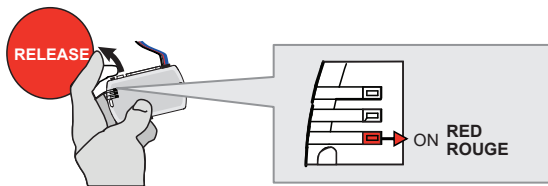
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

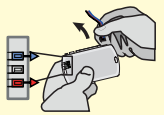
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

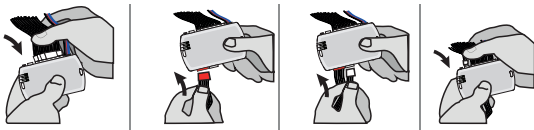


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

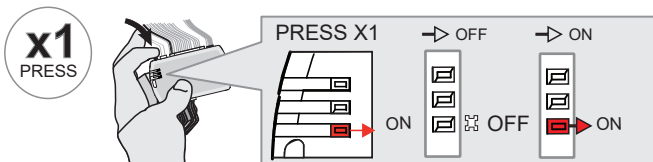


3



Insert the required remaining connectors.

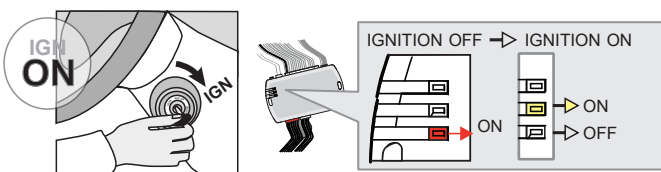
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



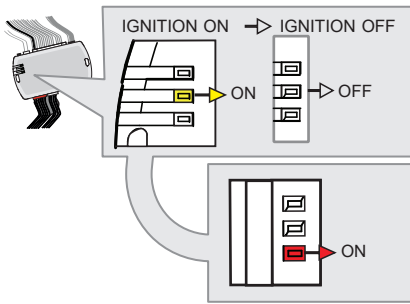
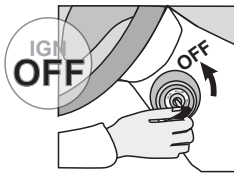
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

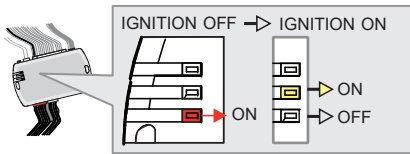
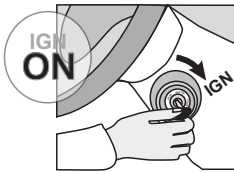
6



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

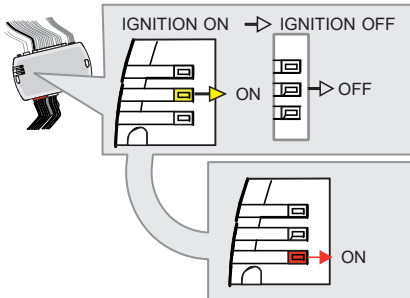
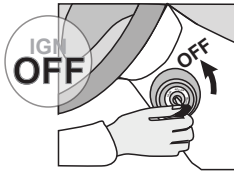
↳The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳The RED LED will turn OFF.
↳The YELLOW LED will turn on.

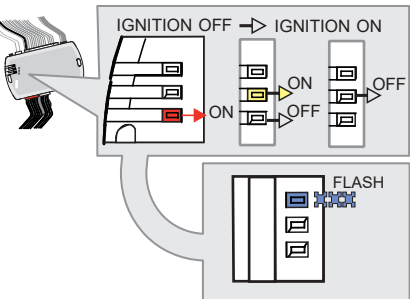
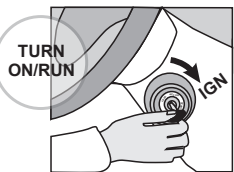
8



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

↳The RED LED will turn on.

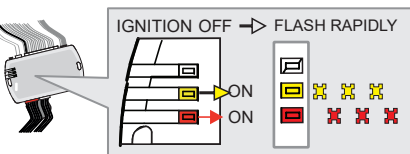
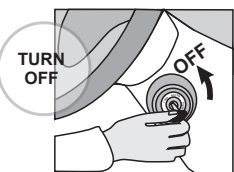
9



Turn the key to the Ignition ON/RUN position.
↳The YELLOW LED will turn on and off.
↳The RED LED will turn OFF.

↳WAIT, the BLUE LED to flash rapidly.

10

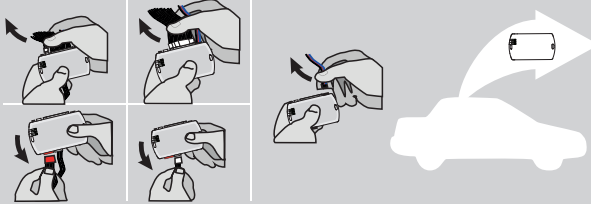


Turn the key to the OFF position.

↳The RED and YELLOW LEDs will alternate.

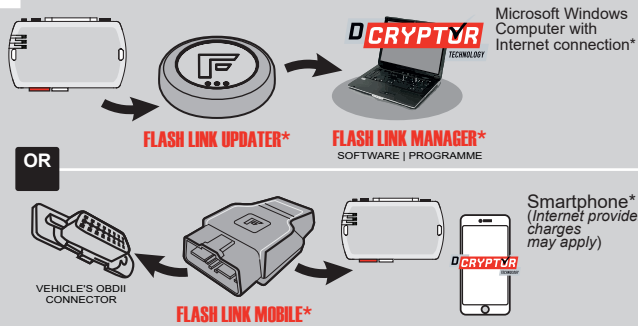
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



Disconnect all the connectors and after the Data-Link (4-pins) connector.

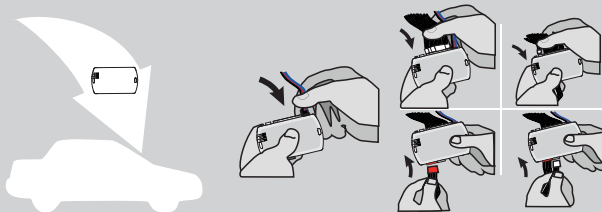
12



Use the tool: FLASH LINK UPDATER or FLASH LINK MOBILE to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED Go back to the vehicle and reconnect the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

**THAR-FOR4 THARNNESS STAND ALONE
INSTALLATION**

ADDENDUM - SUGGESTED WIRING CONFIGURATION


ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)															
		Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	RAP Disable	Trunk Release	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD																	
Fiesta	2014-2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

71.[49]

FORD MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

	Program bypass option IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	UNIT OPTION	DESCRIPTION
		A11	OFF
			Hood trigger (Output Status).

	Program bypass option:	UNIT OPTION	DESCRIPTION
		C1	
			OEM Remote status (Lock/Unlock) monitoring

- NOTES
- Parts required** (Not included)
 - 1x THAR-FOR4
 - 1x Relay (Parking lights)
 - 2x 1 Amp. Diode
 - 1x Fuse

MANDATORY INSTALL
***HOOD PIN**


HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11
OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

PARTS REQUIRED (NOT INCLUDED)


1x **FLASH LINK UPDATER**
 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

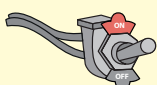
1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
Smartphone Android or iOS with Internet connection (provider charges may apply).

MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.


STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION
	OEM Remote Stand Alone Remote Starter:	D1.10 	By default, LOCK, LOCK, LOCK
		D1.1 	Par défaut, VERROUILLE,VERROUILLE,VERROUILLE
	Program bypass option with oem remote:	C1	OEM Remote Monitoring
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit


REMOTE STARTER FUNCTIONALITY




All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.




START 

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED


x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package RSPB, Sold separately.

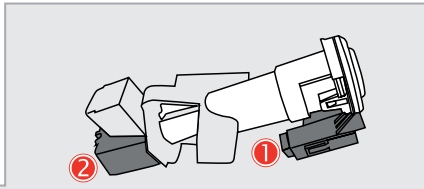
WARNING



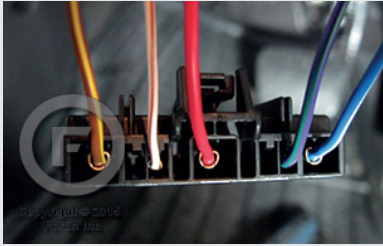
REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION



② At ignition barrel

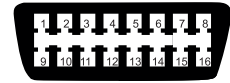


① Immobilisator

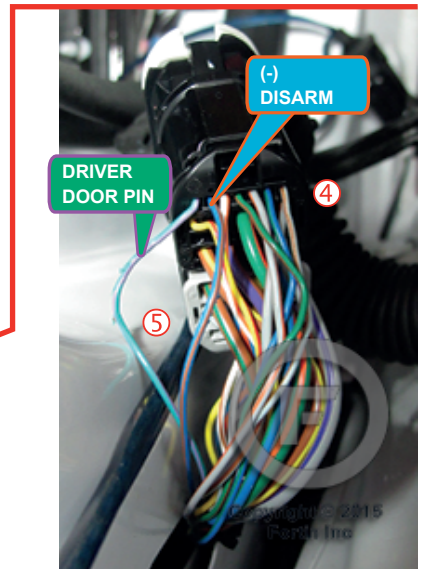


RX and TX of the module

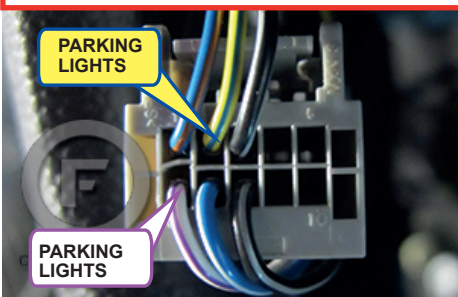
③ OBDII connector



④ ⑤ From Driver door boot



⑥ Parking Lights switch



DESCRIPTION

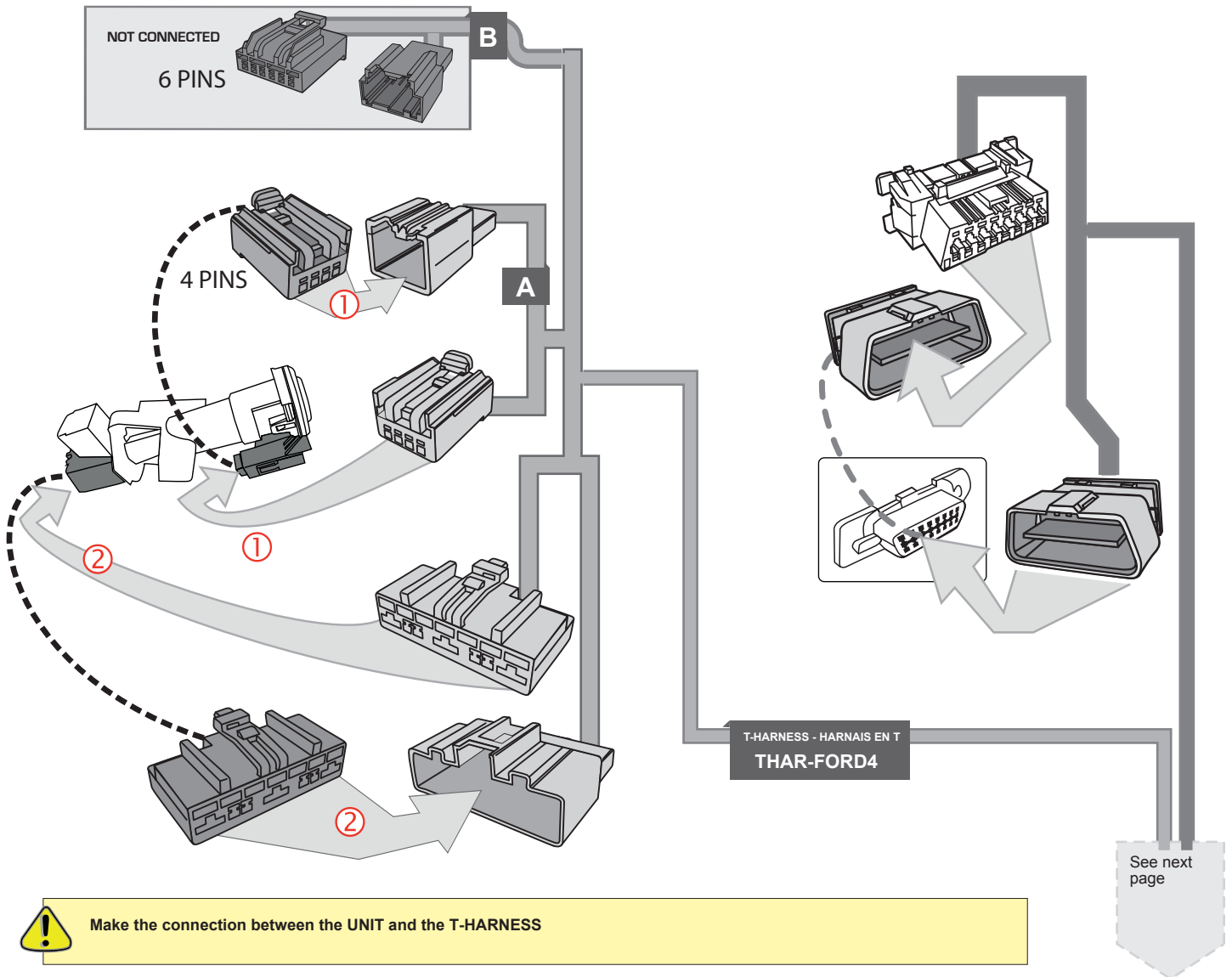
12V BATTERY



ATTENTION
THE T-HARNESS CURRENT
IS LIMITED AT 5 AMP MAXIMUM.

If the parking lights (+) require more than 5Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

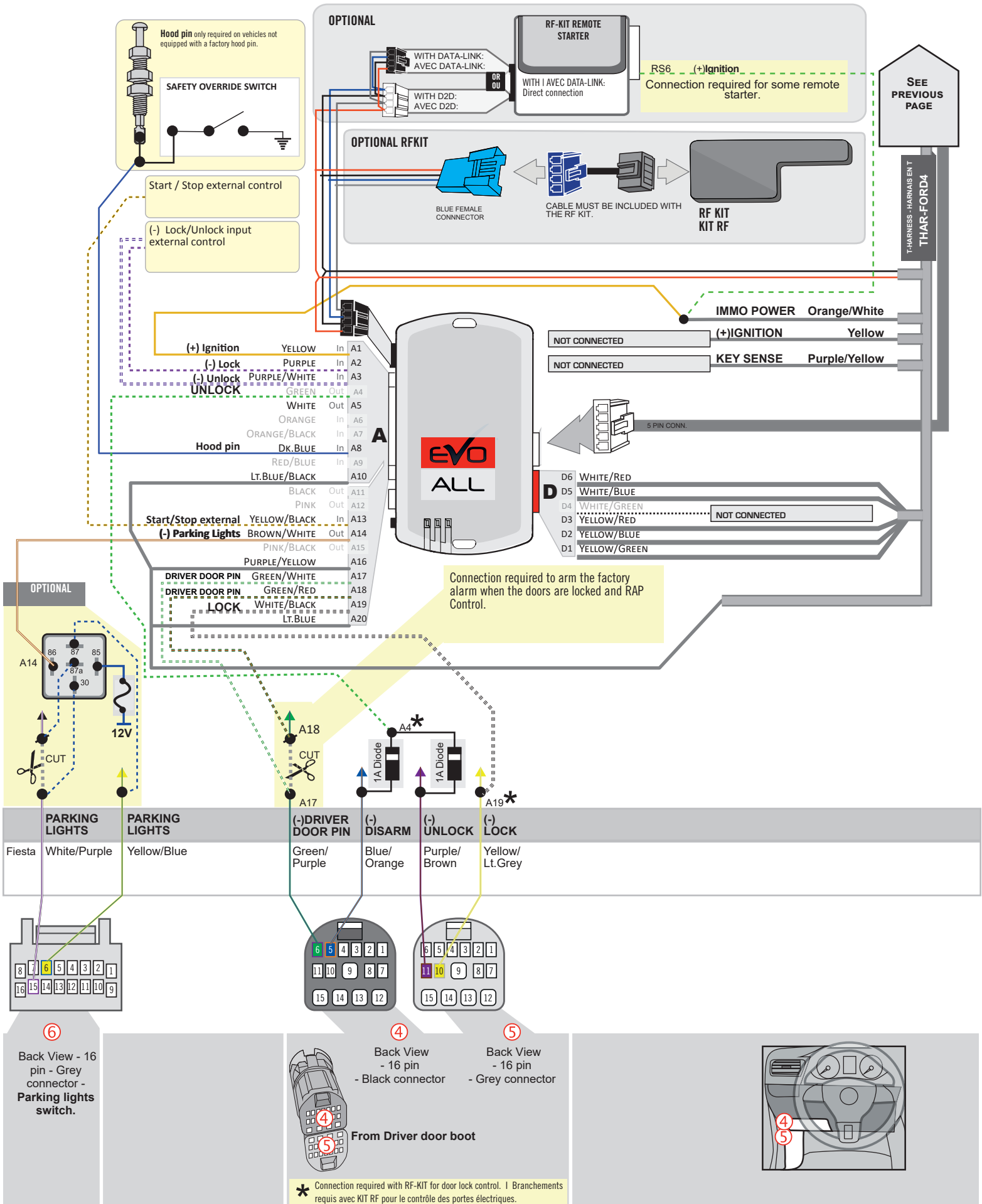
Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.



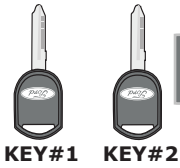
Make the connection between the UNIT and the T-HARNESS

See next page

AUTOMATIC TRANSMISSION WIRING CONNECTION

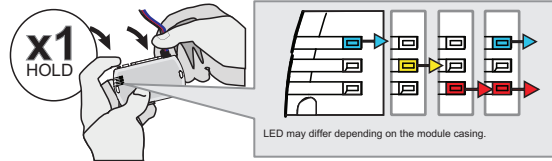


KEY BYPASS PROGRAMMING PROCEDURE 1/2



2 KEY REQUIRED

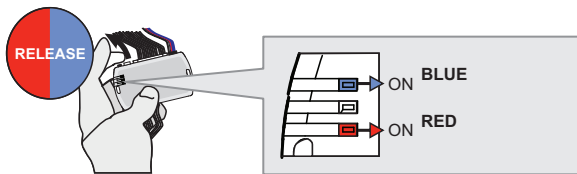
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

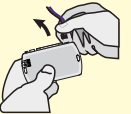
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

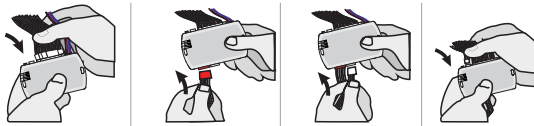


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

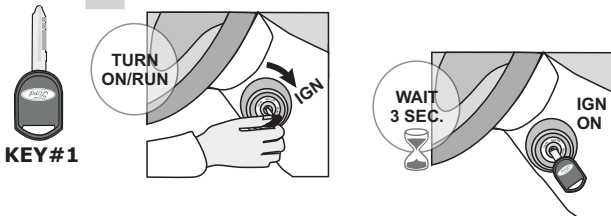


3



Insert the required remaining connectors.

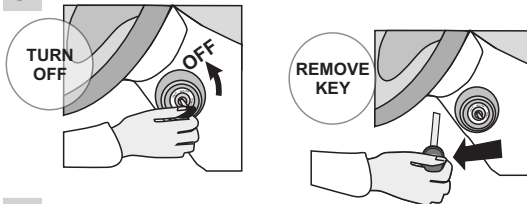
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

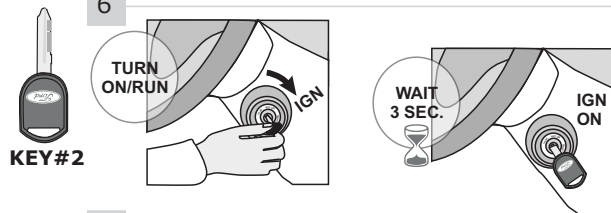
5



Turn the key to the OFF position.

Remove the first key.

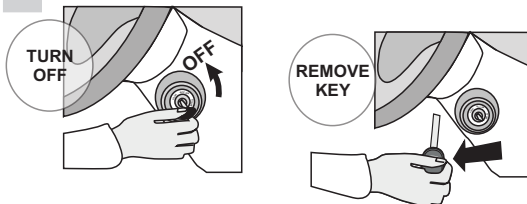
6



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

7



Turn the key to the OFF position.

Remove the second key.

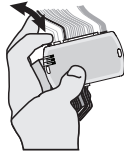
KEY BYPASS PROGRAMMING PROCEDURE 2/2

8



5 sec. max

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.

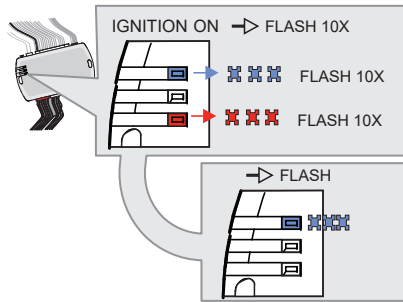


Ignition ON



Press and hold the programming button until the vehicle ignition turn ON.

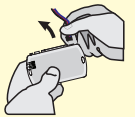
Release the programming button.



↳ The RED LED will flash rapidly 10x times.
Key bypass programmed.

↳ The BLUE LED will flash rapidly.
CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY



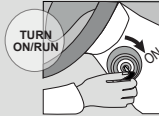
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

THAR-FOR4 THARNNESS STAND ALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

		"Vehicle functions supported in this diagram (functional if equipped)"													
VEHICLE	YEARS	Immobilizer bypass	Lock	Unlock	Arm	Disarm	RAP Disable	Tachometer	Door Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring		
FORD															
Flex	2009-2010	•	•	•	•	•	•	•	•	•	•	•	•	•	•



FIRMWARE VERSION

71.[49]

FORD MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.



Parts required (Not included)

- 1x Fusible 5Amp
- 1x Fusible 10 Amp
- 1x Relay
- 2x Diodes



Program bypass option (If this option is not OFF the Ignition will turn On when the door are unlock):

UNIT OPTION

A5

OFF

DESCRIPTION

AUX.1

AUX.1



Program bypass option:

UNIT OPTION

C1

DESCRIPTION

OEM Remote status (Lock/Unlock) monitoring

NOTES

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

MANDATORY INSTALL

* HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

NON

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

PARTS REQUIRED (NOT INCLUDED)


1x **FLASH LINK UPDATER,**
 1x **FLASH LINK MANAGER**
 SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

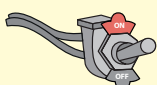
1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
 Smartphone *Android* or *iOS* with Internet connection (*provider charges may apply*).

MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.


STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION
	OEM Remote Stand Alone Remote Starter:	D1.10 	By default, LOCK, LOCK, LOCK
		D1.1 	Par défaut, VERROUILLE,VERROUILLE,VERROUILLE
	Program bypass option with oem remote:	C1	OEM Remote Monitoring
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit


REMOTE STARTER FUNCTIONALITY



All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.




The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED

x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package **RSPB**, Sold separately.

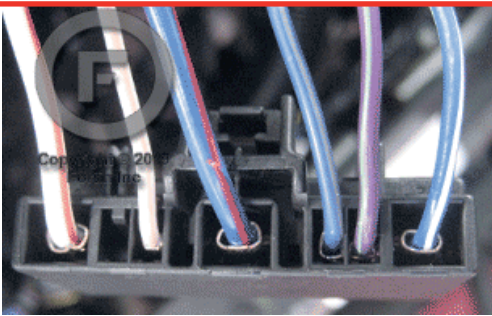
WARNING

REMOTE STARTER

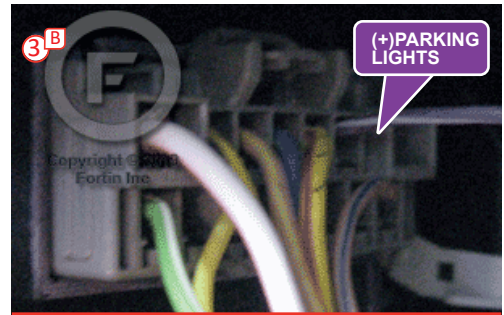
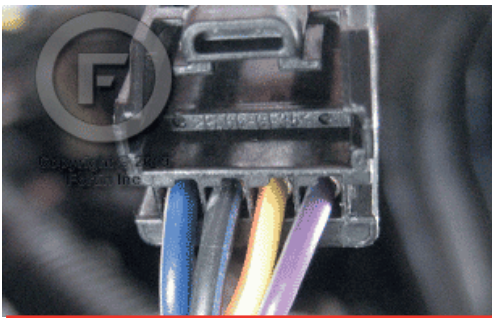
THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION

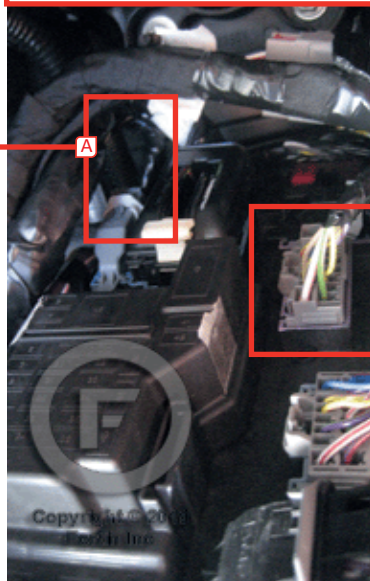
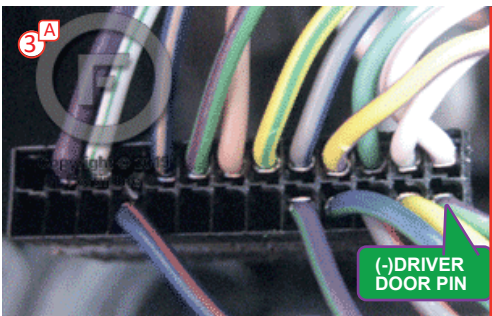
② Ignition barrel



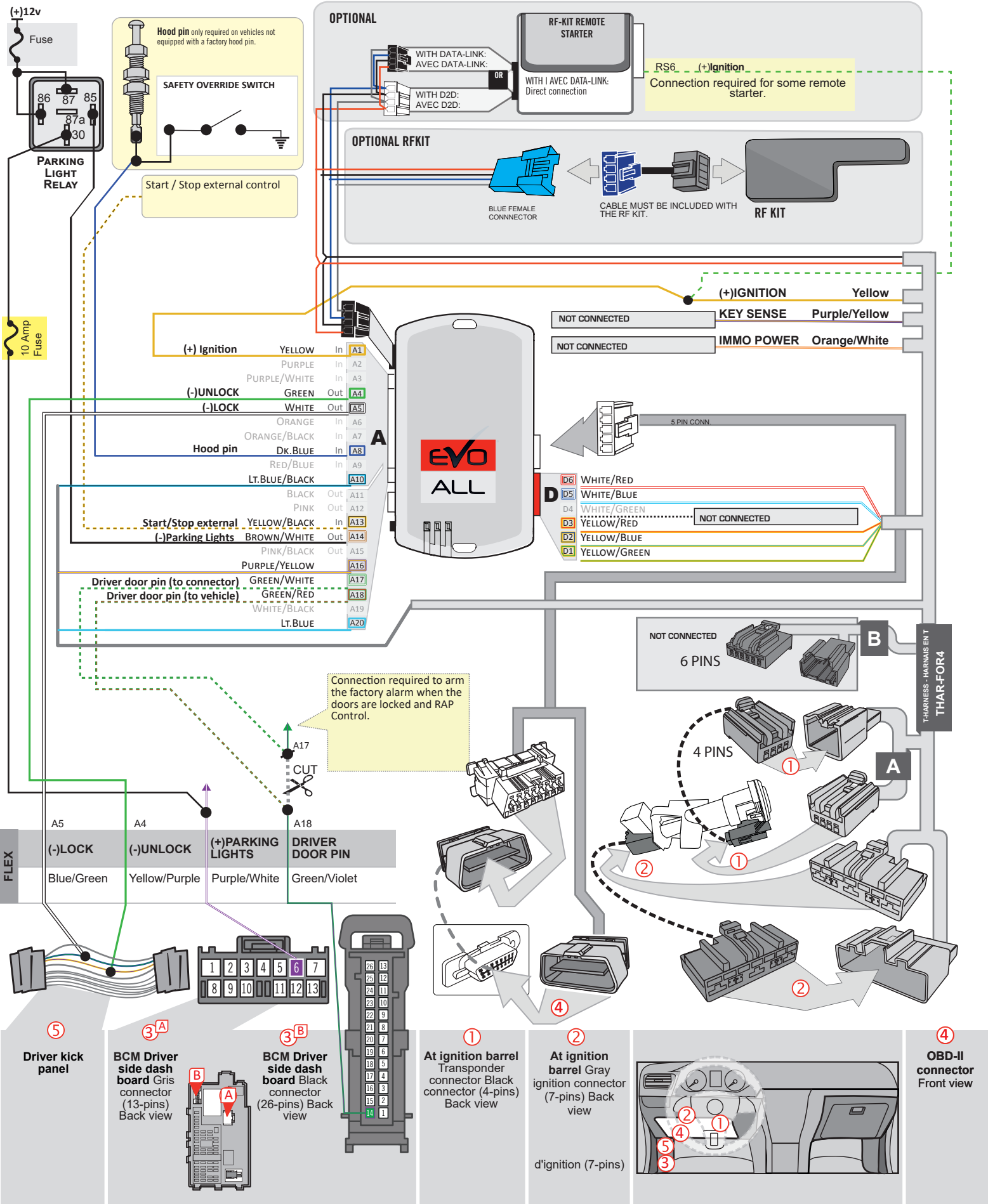
① Ignition barrel



③ BCM Driver kick panel




WIRING CONNECTION



KEY BYPASS PROGRAMMING PROCEDURE 1/2

Choose between : Choisir entre:



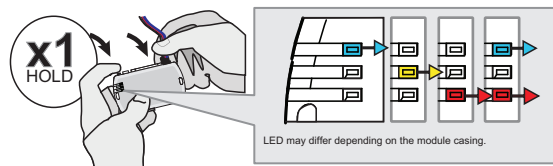
2 key programming.



DCRYPTOR and 1 key programming.

2 KEY REQUIRED

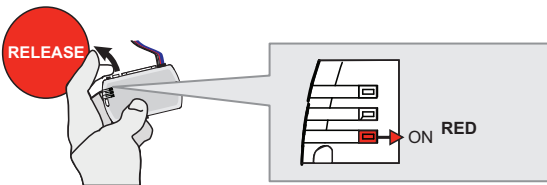
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

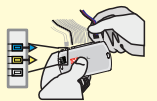
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

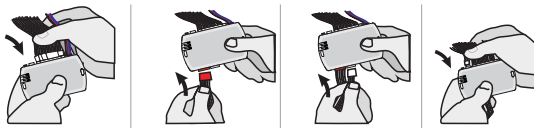


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

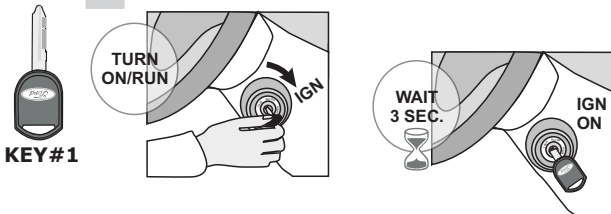


3



Insert the required remaining connectors.

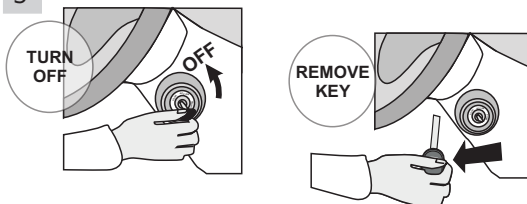
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

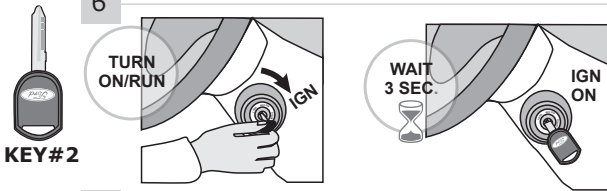
5



Turn the key to the OFF position.

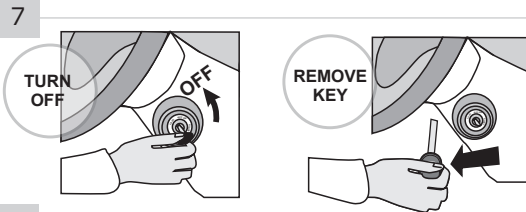
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

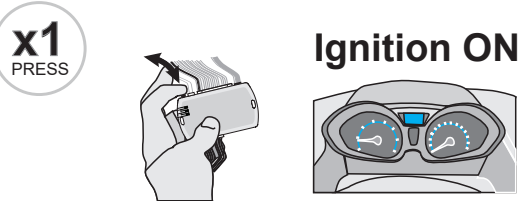


Turn the key to the OFF position.

Remove the second key.

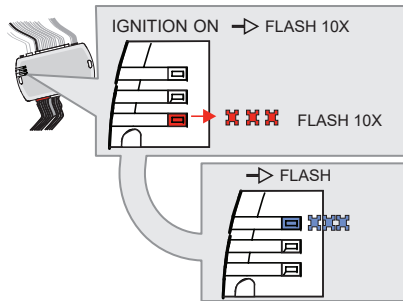
8

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.



Press and release the programming button.

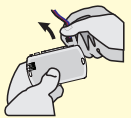
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times.
Key bypass programmed.

↳ The BLUE LED will flash rapidly.
CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



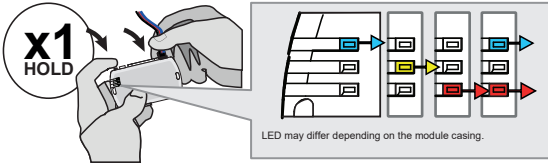
- Parts required (not included)**
- 1x **FLASH LINK UPDATER,**
FLASH LINK MANAGER
SOFTWARE | PROGRAMME
 - 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
Smartphone Android or iOS with Internet connection
(Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

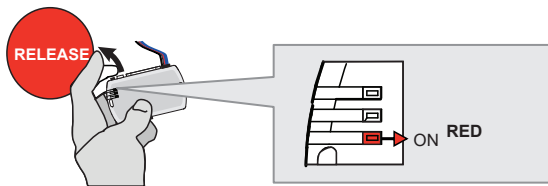
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

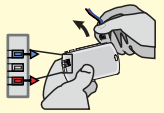
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

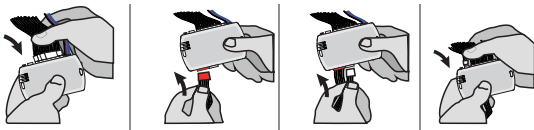


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.



3



Insert the required remaining connectors.

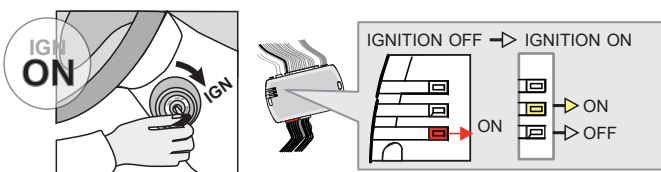
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



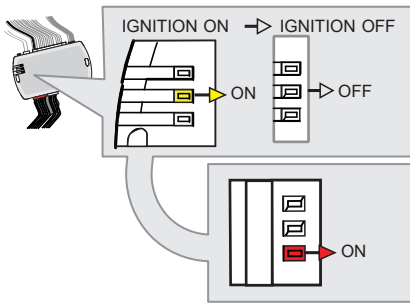
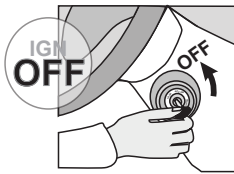
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

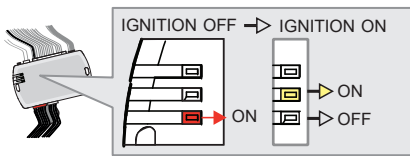
6



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

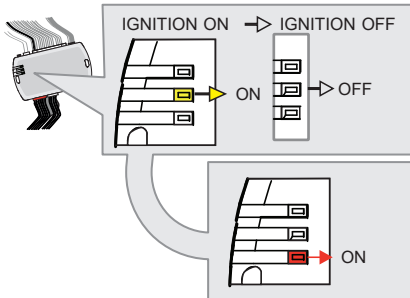
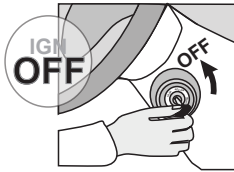
↳ The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳ The RED LED will turn OFF.
↳ The YELLOW LED will turn on.

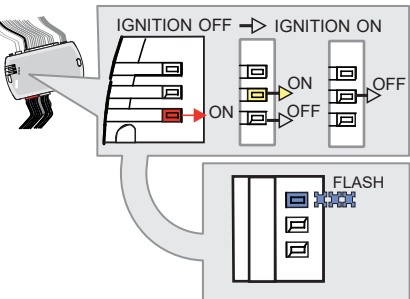
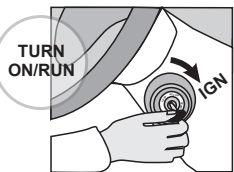
8



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

↳ The RED LED will turn on.

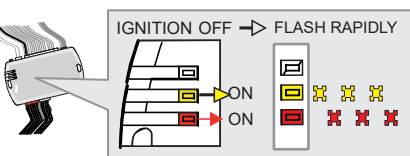
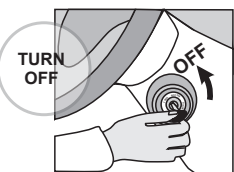
9



Turn the key to the Ignition ON/RUN position.
↳ The YELLOW LED will turn on and off.
↳ The RED LED will turn OFF.

↳ WAIT, the BLUE LED to flash rapidly.

10

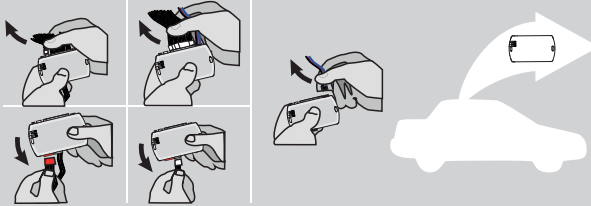


Turn the key to the OFF position.

↳ The RED and YELLOW LEDs will alternate.

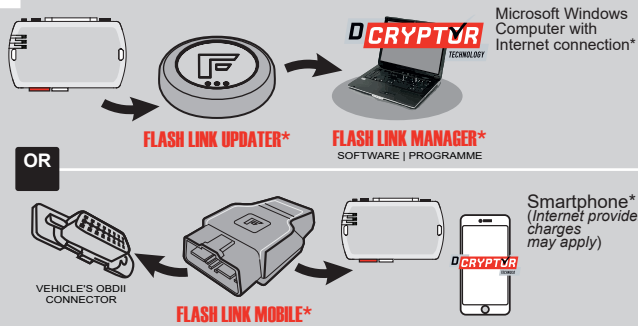
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



Disconnect all the connectors and after the Data-Link (4-pins) connector.

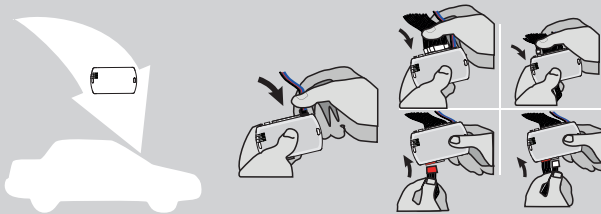
12



Use the tool:
FLASH LINK UPDATER or
FLASH LINK MOBILE
to visit the DCRYPTOR menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and reconnect the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

THAR-FOR4 THARNNESS STAND ALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)													
		Transponder Bypass	T-Harness	Lock	Unlock	Arm	Disarm	RAP Disable	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote Monitoring
FORD															
Focus 40-BITS	2010-2011	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

	Program bypass option:	UNIT OPTION	DESCRIPTION
		C1	OEM Remote status (Lock/Unlock) monitoring
IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:		A11	<div style="background-color: red; color: white; padding: 2px; display: inline-block; margin-right: 5px;">OFF</div> Hood trigger (Output Status). Contact d

Parts required (Not included)

1x	10 AMP Fuse
1x	Relay
1x	THAR-FOR4
1x	Relay (Parking lights)
1x	Hood Pin
1x	Valet switch

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

PARTS REQUIRED (NOT INCLUDED)


1x **FLASH LINK UPDATER**
 1x **FLASH LINK MANAGER**
 SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

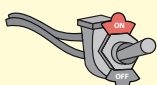
1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
 Smartphone *Android* or *iOS* with Internet connection (*provider charges may apply*).
 1x

MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.


STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION
	OEM Remote Stand Alone Remote Starter:	D1.10 	By default, LOCK, LOCK, LOCK
		D1.1 	Par défaut, VERROUILLE,VERROUILLE,VERROUILLE
	Program bypass option with oem remote:	C1	OEM Remote Monitoring
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit


REMOTE STARTER FUNCTIONALITY



All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.




The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED


x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package **RSPB**, Sold separately.

WARNING

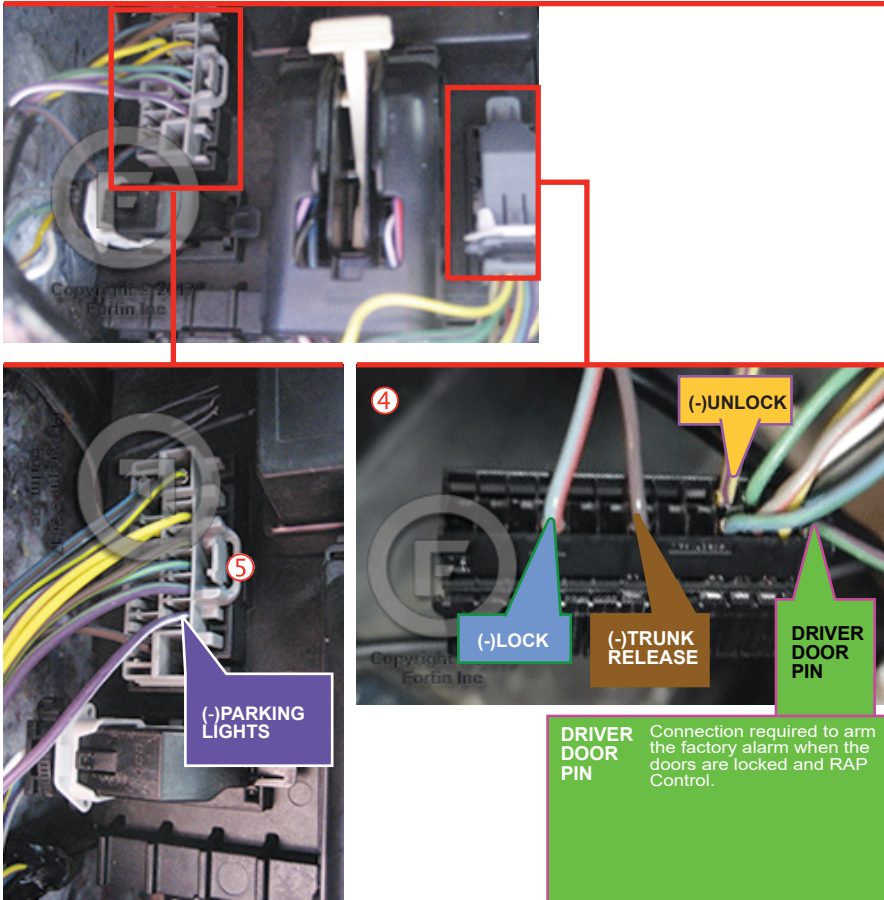


REMOTE STARTER

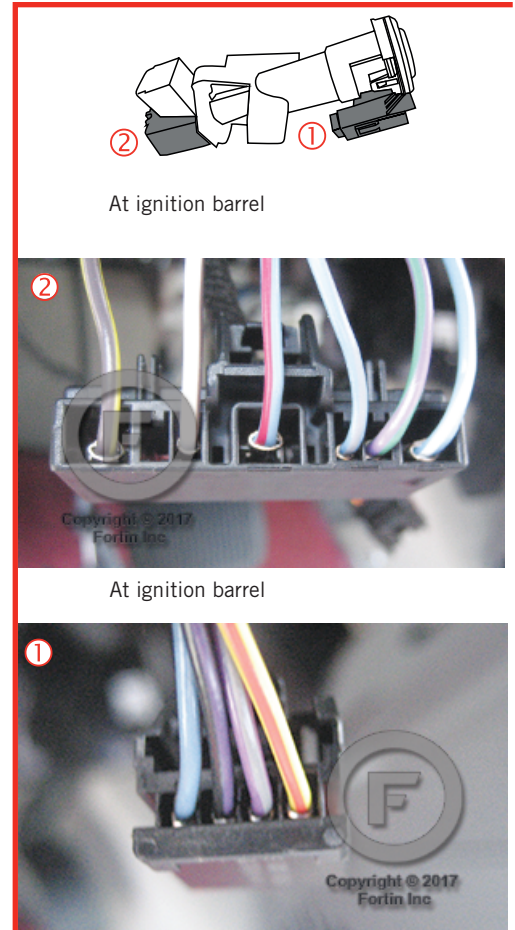
THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION

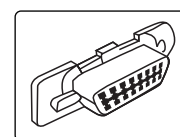
④ ⑤ BCM Driver side dash board

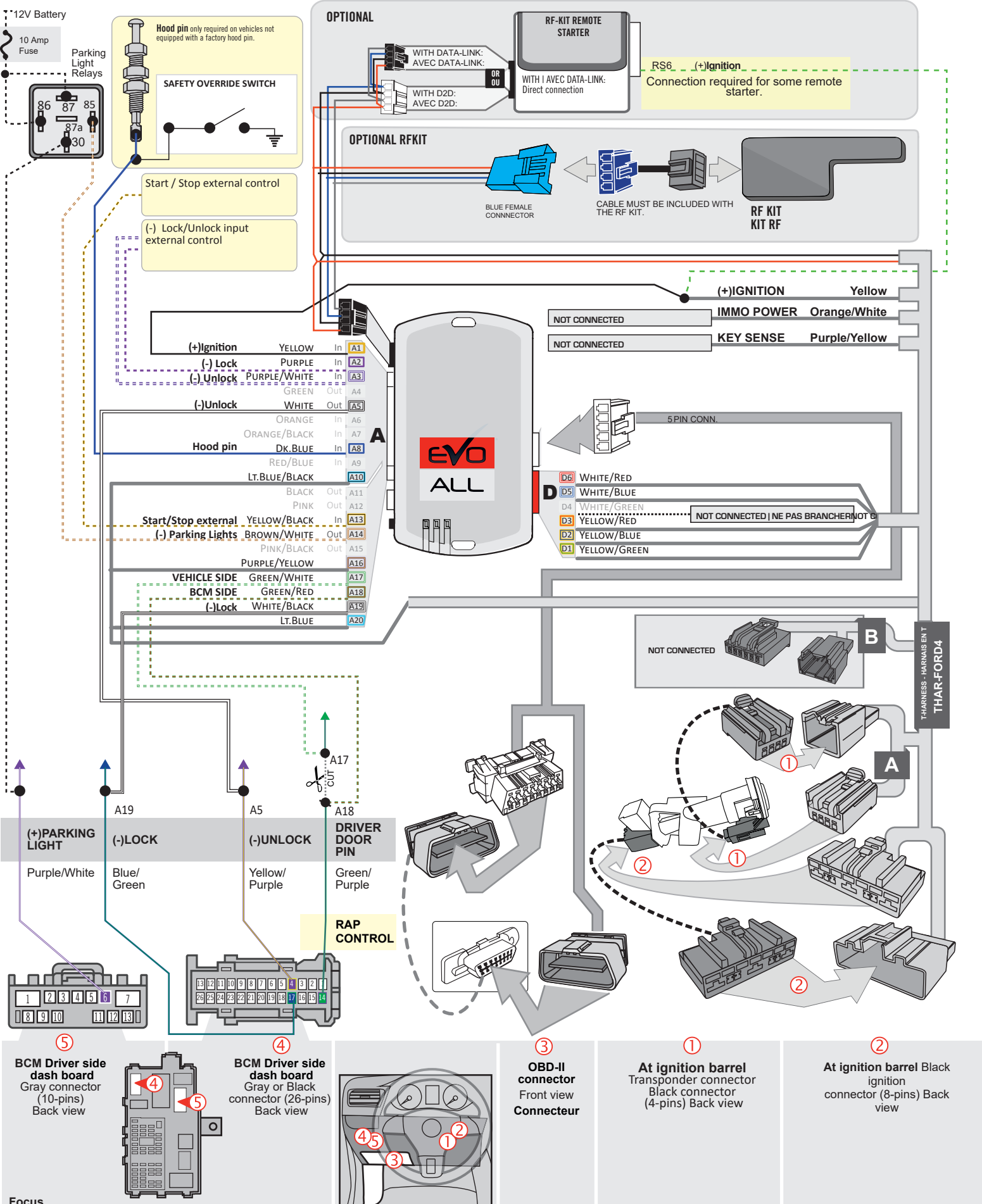


① ② Ignition barrel
Barillet d'ignition




③ OBD-II connector






KEY BYPASS PROGRAMMING PROCEDURE 1/2

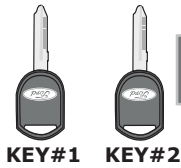
Choose between :



2 key programming.

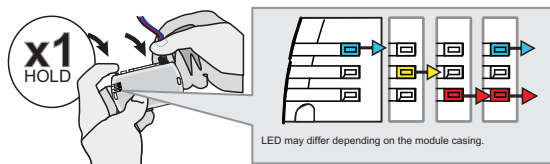


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

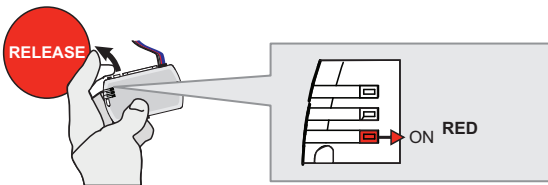
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

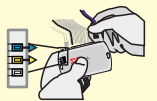
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

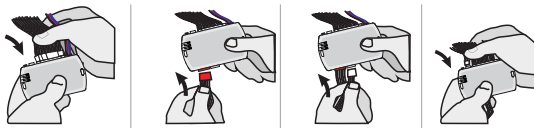


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

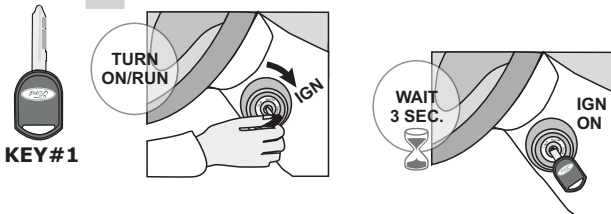


3



Insert the required remaining connectors.

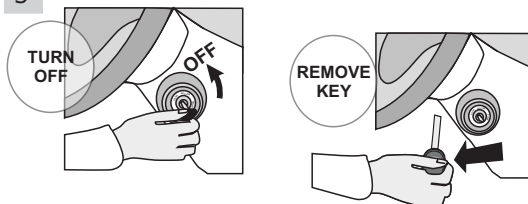
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

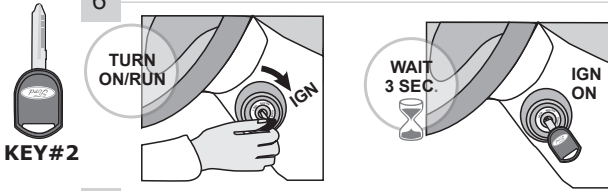
5



Turn the key to the OFF position.

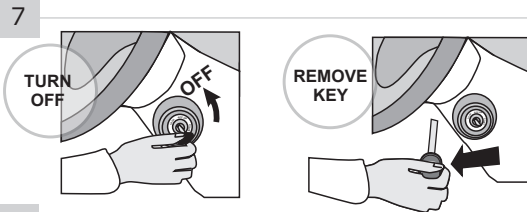
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

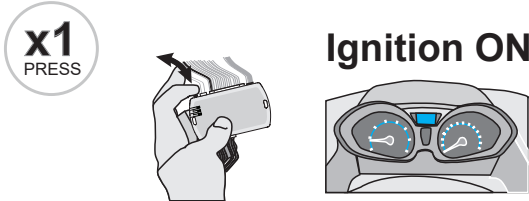


Turn the key to the OFF position.

Remove the second key.

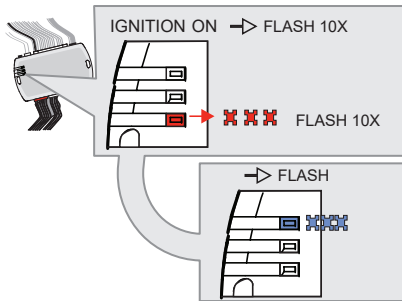
8

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.



Press and release the programming button.

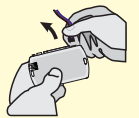
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

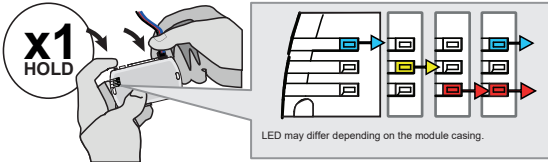
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- 1x Smartphone *Android or iOS* with Internet connection
(Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

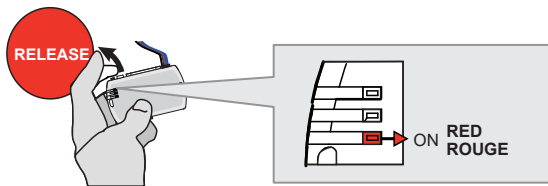
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

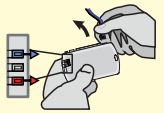
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

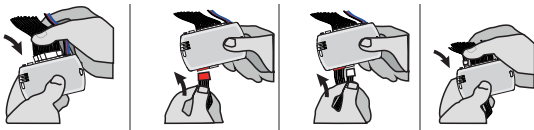


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

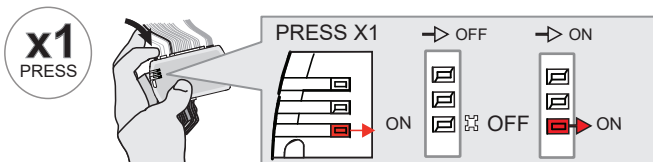


3



Insert the required remaining connectors.

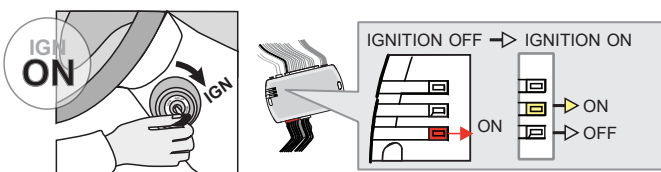
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



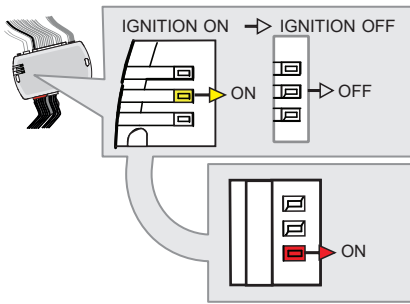
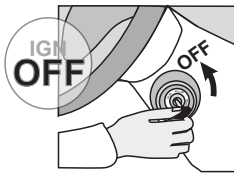
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

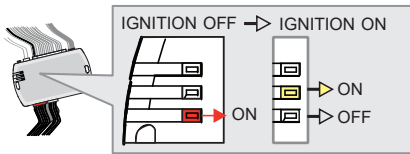
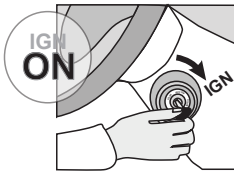
6



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

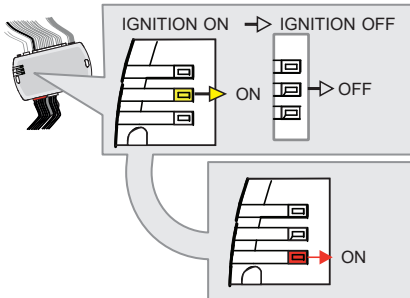
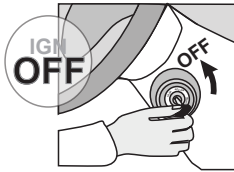
↳ The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳ The RED LED will turn OFF.
↳ The YELLOW LED will turn on.

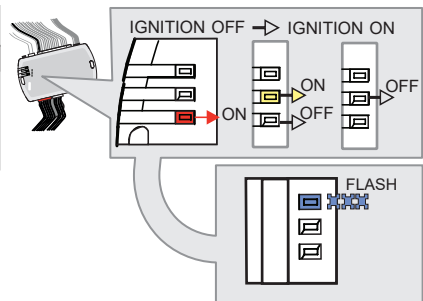
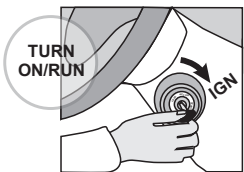
8



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

↳ The RED LED will turn on.

9

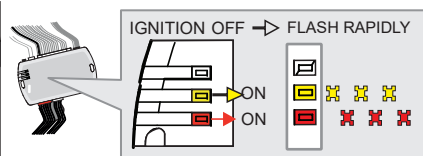
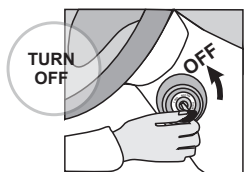


Turn the key to the Ignition ON/RUN position.
↳ The YELLOW LED will turn on and off.

↳ The RED LED will turn OFF.

↳ **WAIT**, the BLUE LED to flash rapidly.

10

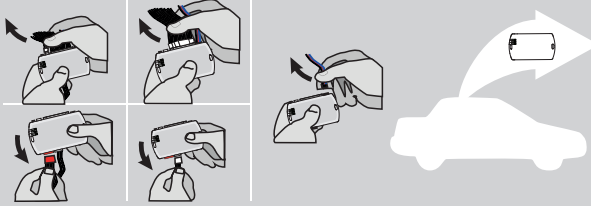


Turn the key to the OFF position.

↳ The RED and YELLOW LEDs will alternate.

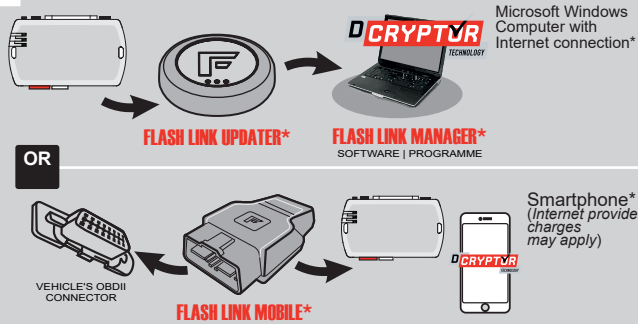
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



Disconnect all the connectors and after the Data-Link (4-pins) connector.

12

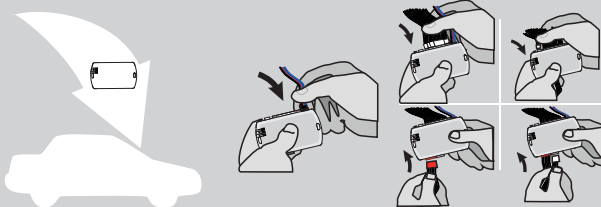


Microsoft Windows Computer with Internet connection*

Use the tool: FLASH LINK UPDATER or FLASH LINK MOBILE to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED Go back to the vehicle and reconnect the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.


THAR-FOR4 THARNNESS STAND ALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Immobilizer bypass	T-Harness available (sold separately)	VEHICLE EQUIPPED WITH		Lock	Unlock	Arm	Disarm	Parking Lights	RAP Disable	Tachometer	Door Status	Trunk Status	Hood Status (functional if equipped with a factory hood)	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	
				DOOR LOCK IN CENTER DASHBOARD.	DOOR LOCK BUTTON IN DRIVER DOOR														CONFIGURATION #
																			
FORD																			
Focus	80-BITS	2012-2015	•	•	1	2	•	•	•	•	•	•	•	•	•	•	•	•	•
	SE 80-BITS	2012-2015	•	•	1	2	•	•	•	•	•	•	•	•	•	•	•	•	•
	SEL 80-BITS	2012-2015	•	•	1	2	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.



71.[52]
MINIMUM



Program bypass option:
ent:

UNIT OPTION

DESCRIPTION

C1

OEM Remote status (Lock/Unlock) monitoring

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:

A11

OFF

Hood trigger (Output Status).



Parts required (Not included)

- 1x Fusible 10 AMP
- 2x Diode 3 Amp
- 1x **THAR-FOR4**
- 1x Relay (Parking lights)
- 1x Hood Pin
- 1x Valet switch

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

PARTS REQUIRED (NOT INCLUDED)

1x **FLASH LINK UPDATER**
 1x **FLASH LINK MANAGER**
 SOFTWARE
 1x Microsoft Windows Computer with Internet connection

OR

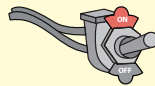
1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
 Smartphone *Android* or *iOS* with Internet connection (*provider charges may apply*).
 1x

MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH



VALET SWITCH

Part #: RSPB available, Sold separately.
 Pièce #: RSPB disponible, vendu s

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.

STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION
	OEM Remote Stand Alone Remote Starter:	D1.10	By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE,VERROUILLE,VERROUILLE
		D1.1	
	Program bypass option with oem remote:	C1	OEM Remote Monitoring
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit

REMOTE STARTER FUNCTIONALITY

All doors must be closed.

3X

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED

x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open

REMOTE STARTER WARNING CARD



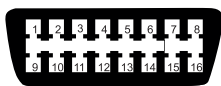
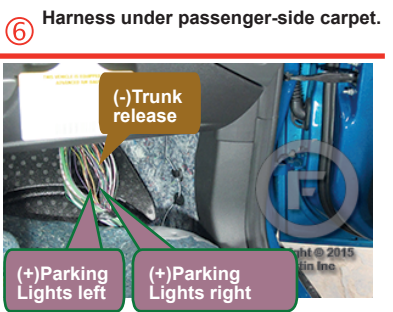
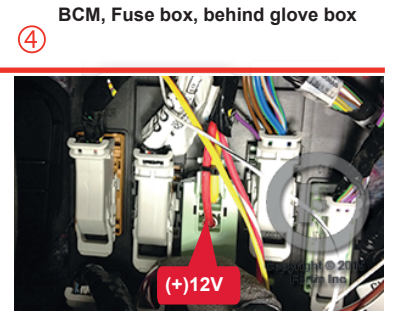
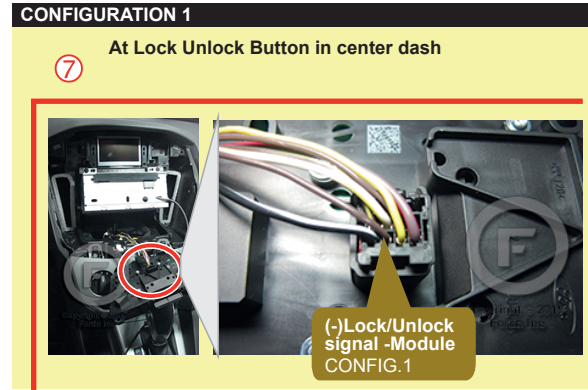
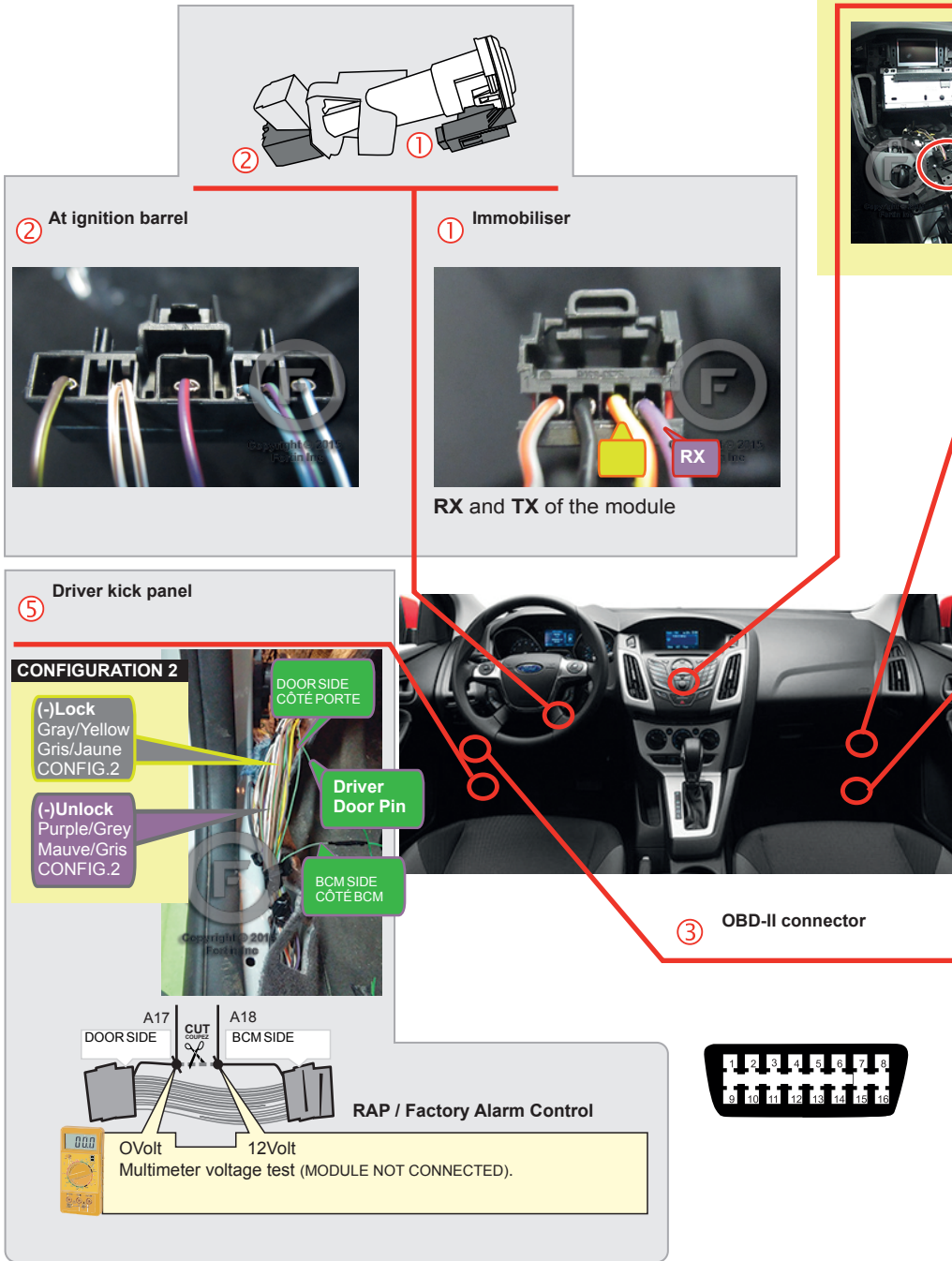
CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package **RSPB**, Sold separately.

WARNING

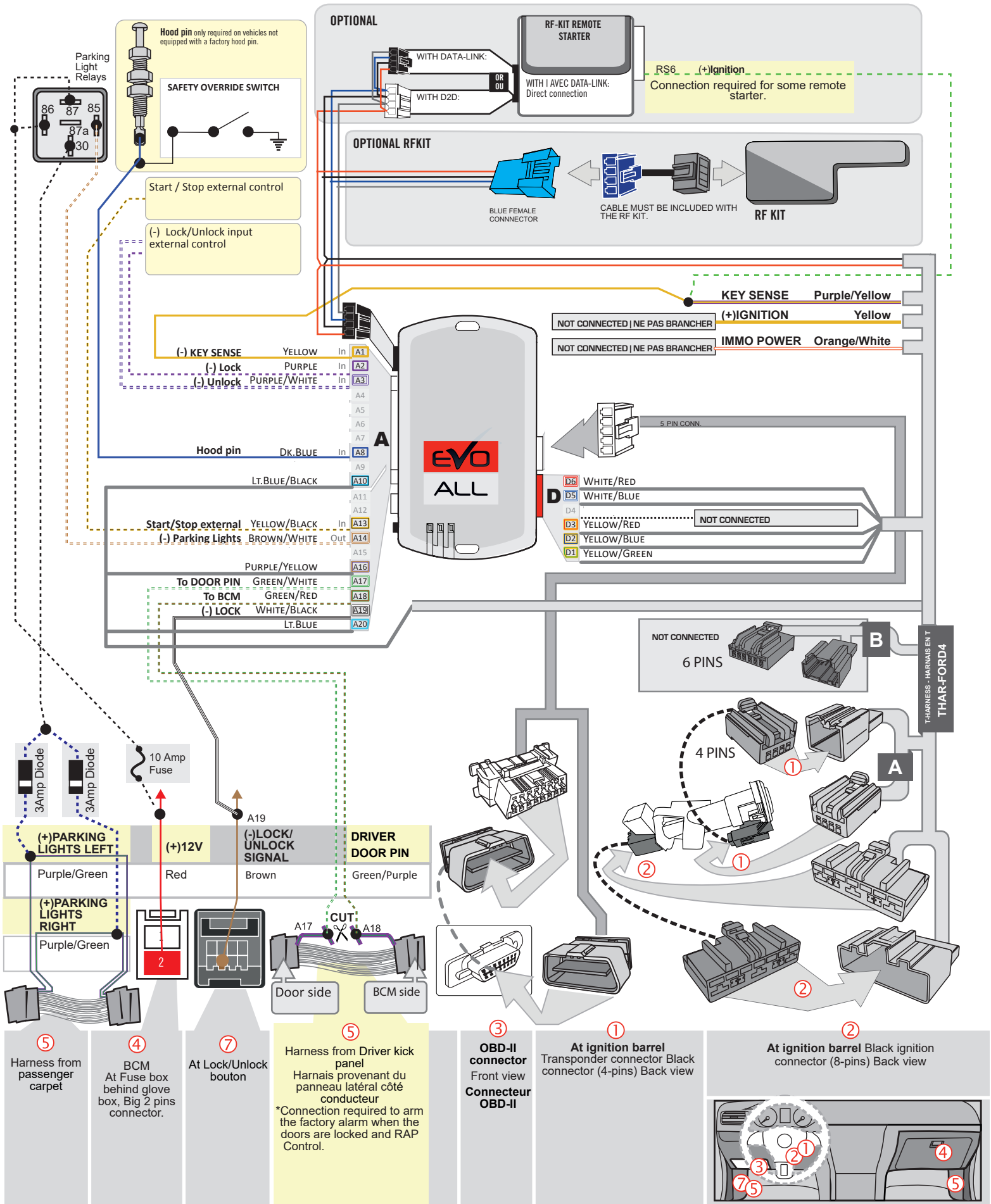
REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

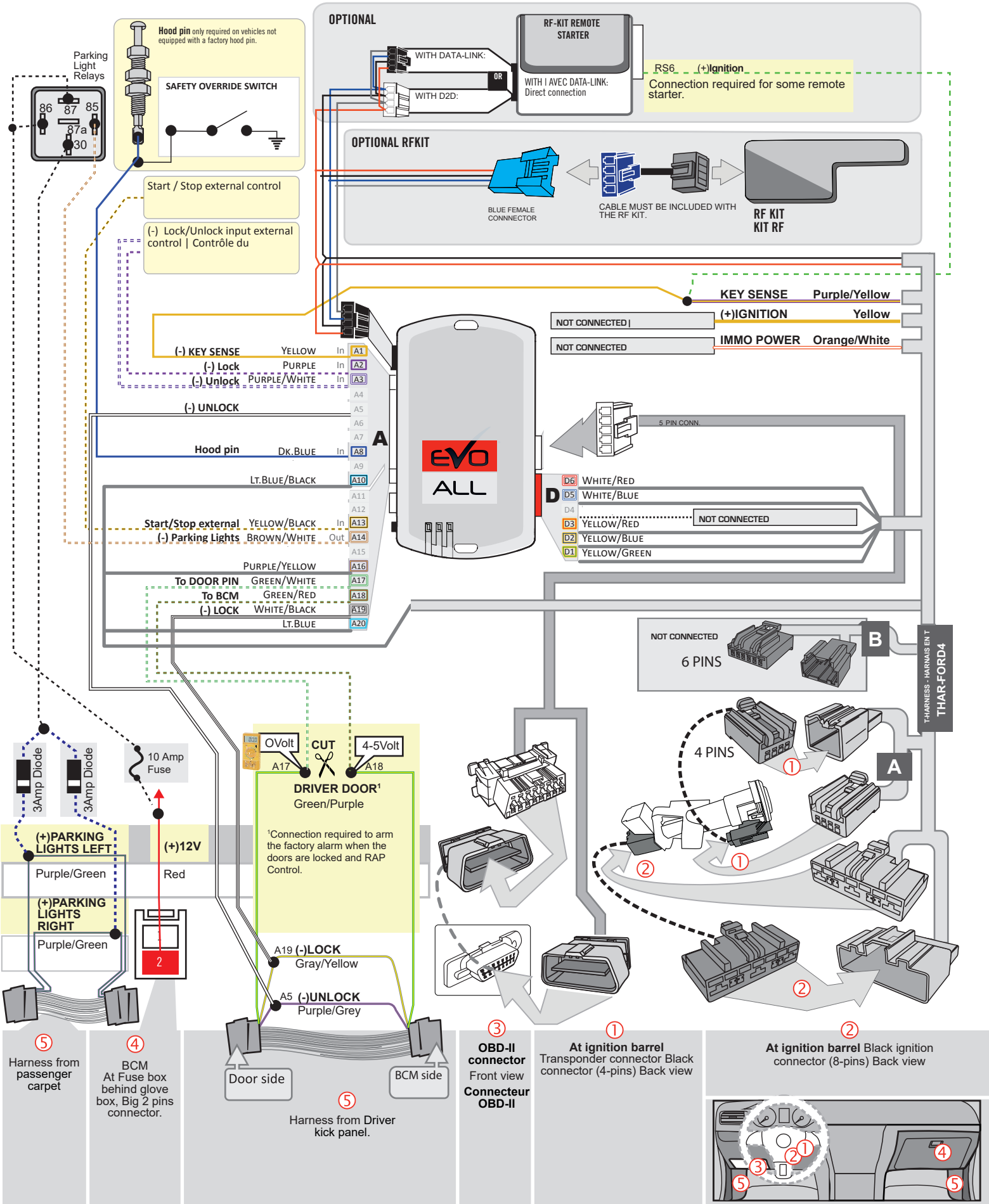
DESCRIPTION



CONFIGURATION 1 DOOR LOCK IN CENTER DASHBOARD




CONFIGURATION 2 DOOR LOCK BUTTON IN DRIVER DOOR




KEY BYPASS PROGRAMMING PROCEDURE 1/2 |

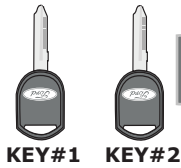
Choose between :



2 key programming.

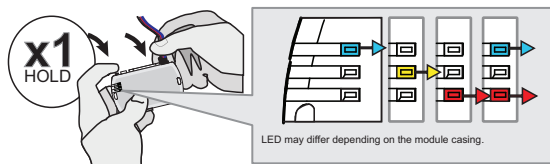


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

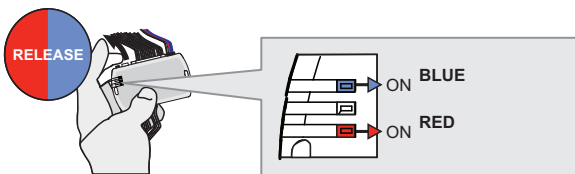
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

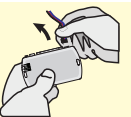
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

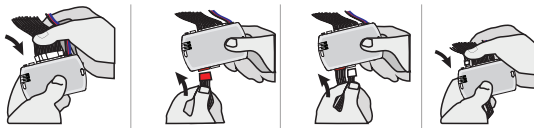


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

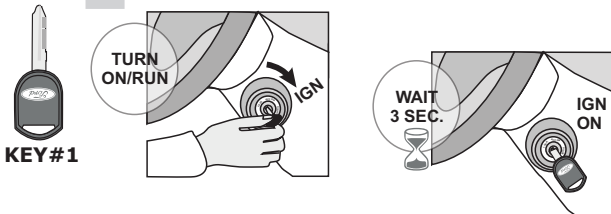


3



Insert the required remaining connectors.

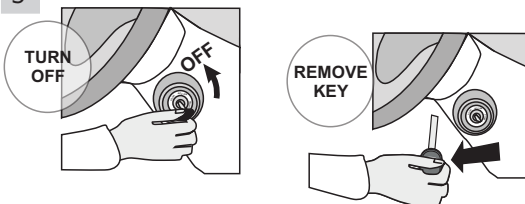
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

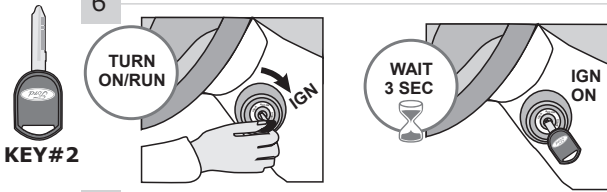
5



Turn the key to the OFF position.

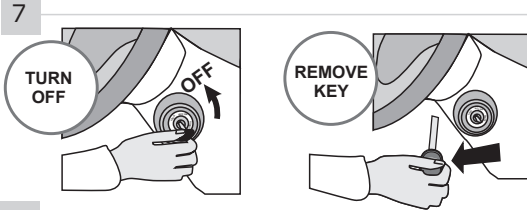
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



Turn the key to the OFF position.

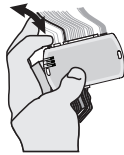
Remove the second key.

8

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.

5 sec. max

x1
PRESS
HOLD
RELEASE

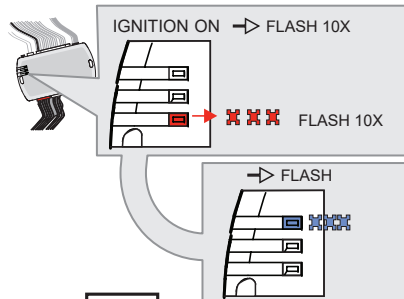


Ignition ON



Press and hold the programming button until the vehicle ignition turn ON.

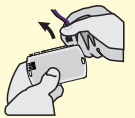
Release the programming button.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



VEHICLE EQUIPPED WITH DOOR LOCK BUTTON IN DRIVER DOOR.

OR
OU

VEHICLE EQUIPPED WITH WITH DOOR LOCK IN CENTER DASH BOARD.

Ignition OFF



The vehicle ignition will turn OFF.



5 sec. max

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.



Press and release the foot-brake pedal

Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

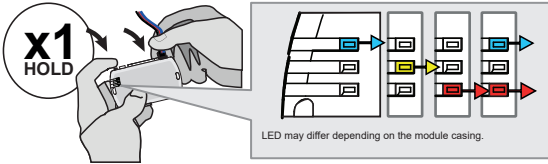
- 1x FLASH LINK UPDATER, SOFTWARE
- 1x FLASH LINK MANAGER SOFTWARE
- 1x Microsoft Windows Computer with Internet connection

OR
OU

- 1x FLASH LINK MOBILE
- 1x FLASH LINK MOBILE APP
- Smartphone Android or iOS with Internet connection
(Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

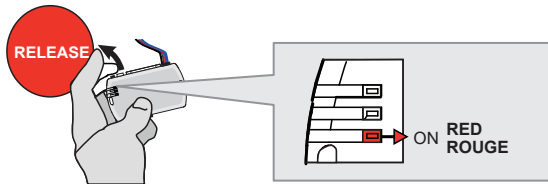
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

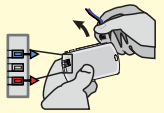
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

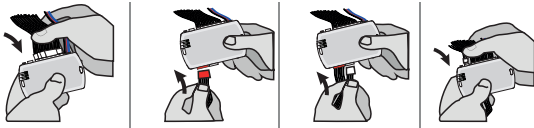


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

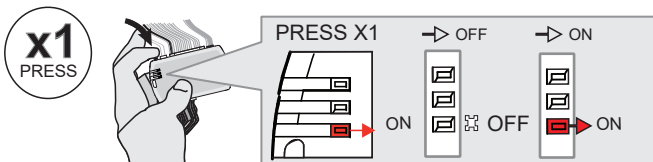


3



Insert the required remaining connectors.

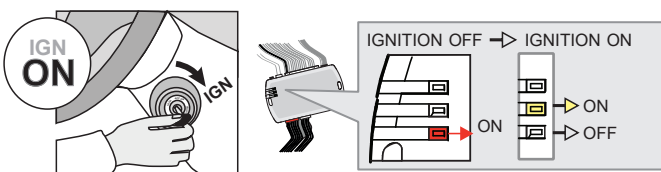
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



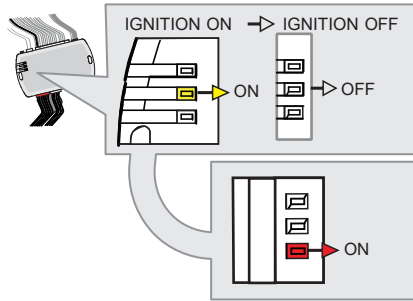
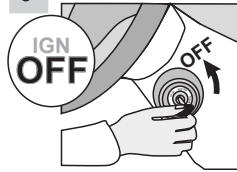
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3 |

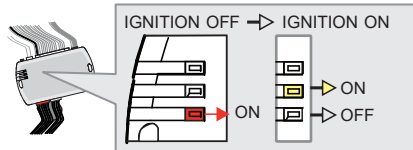
6



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

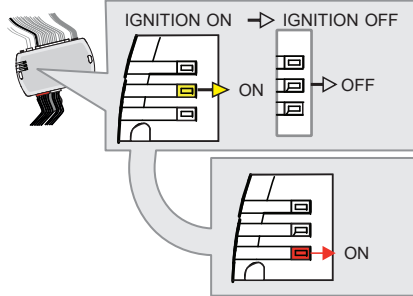
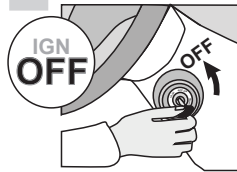
↳ The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳ The RED LED will turn OFF.
↳ The YELLOW LED will turn on.

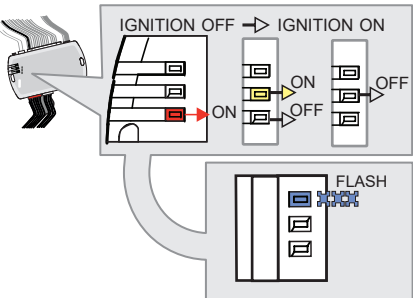
8



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

↳ The RED LED will turn on.

9



Turn the key to the Ignition ON/RUN position.
↳ The YELLOW LED will turn on and off.
↳ The RED LED will turn OFF.

↳ WAIT, the BLUE LED to flash rapidly.

VEHICLE EQUIPPED WITH DOOR LOCK BUTTON IN DRIVER DOOR.

OR

VEHICLE EQUIPPED WITH WITH DOOR LOCK IN CENTER DASH BOARD.



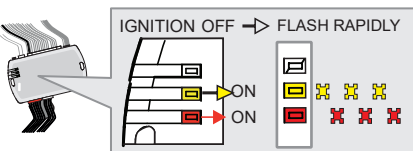
5 sec. max

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.



Press and release the foot-brake pedal

10

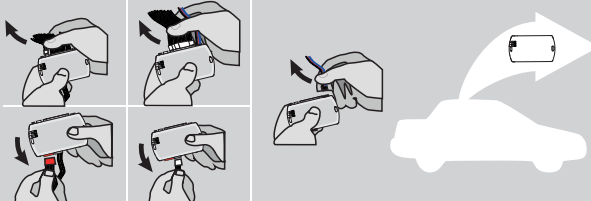


Turn the key to the OFF position.

↳ The RED and YELLOW LEDs will alternate.

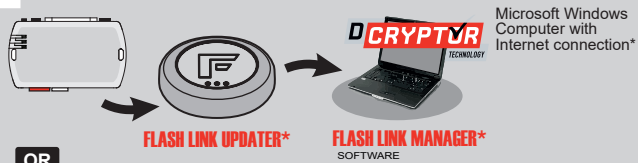
KEY BYPASS PROGRAMMING PROCEDURE 3/3 |

11



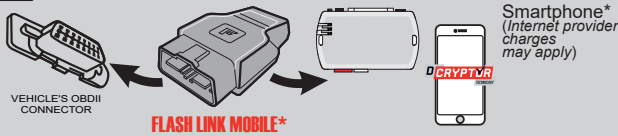
Disconnect all the connectors and after the Data-Link (4-pins) connector.

12



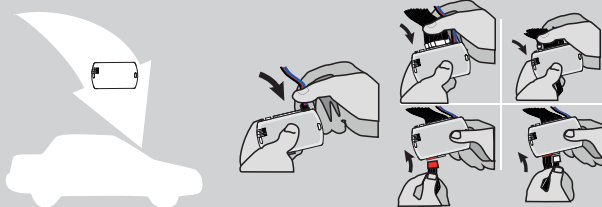
Use the tool: FLASH LINK UPDATER or FLASH LINK MOBILE to visit the DCryptor menu.

OR



*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED Go back to the vehicle and reconnect the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

**THAR-FOR4 THARNNESS STAND ALONE
INSTALLATION**

ADDENDUM - SUGGESTED WIRING CONFIGURATION


ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

Vehicle functions supported in this diagram (functional if equipped)


VEHICLE
YEARS

Immobilizer bypass

T-Harness

Lock

Unlock

Arm

Disarm

Parking Lights

RAP Disable

Trunk Release

Tachometer

Door Status

Trunk Status

Hood Status*

Hand-Brake Status

Foot-Brake Status

OEM Remote monitoring

FORD

Focus	Sedan	2016-2018	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Hatchback	2016-2018	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

 To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

71.[52]
MINIMUM

Program bypass option:
UNIT OPTION
DESCRIPTION
C1

OEM Remote status (Lock/Unlock) monitoring

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:
A11
OFF

Hood trigger (Output Status).


Parts required (Not included)

- 2x Diode 3 Amp
- 1x Fusible 10 AMP
- 1x **THAR-FOR4**

NOTES

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

MANDATORY INSTALL
***HOOD PIN**

HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11
OFF
Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.


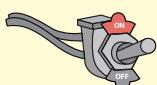
PARTS REQUIRED (NOT INCLUDED)

1x **FLASH LINK UPDATER**
 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection
Ordinateur Microsoft Windows

OR

1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
Smartphone Android or iOS with Internet connection (provider charges may apply).

MANDATORY







HOOD PIN  REMOTE START SAFETY OVERRIDE SWITCH 

VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.


STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION
	OEM Remote Stand Alone Remote Starter:	D1.10  D1.1 	By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE, VERROUILLE, VERROUILLE
	Program bypass option with oem remote:	C1	OEM Remote Monitoring
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit
	Program bypass option Vehicle hybrid only:	D4	Hybrid mode (Vehicle hybrid only)


REMOTE STARTER FUNCTIONALITY




All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.




START 

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED


x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package RSPB, Sold separately.

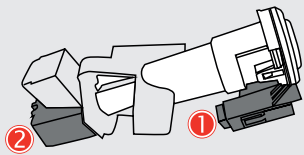
WARNING



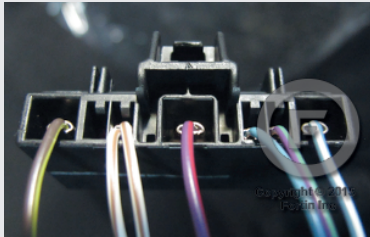
REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

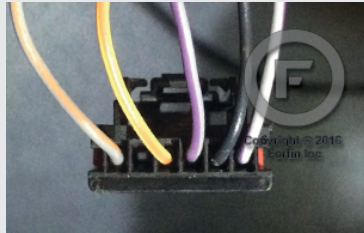
DESCRIPTION



① At ignition barrel

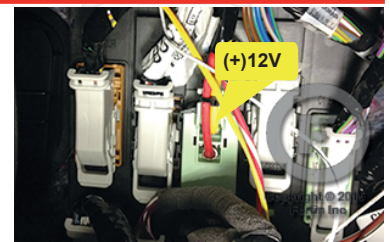


② Immobilisator

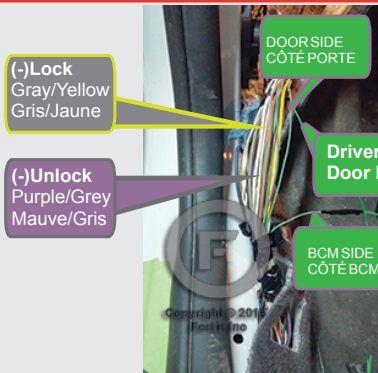


RX and TX of the module

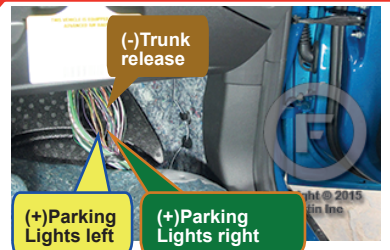
④ BCM, Fuse box, behind glove box



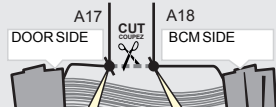
⑤ Driver kick panel



⑥ Harness under passenger-side carpet.

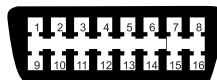


③ OBD-II connector




RAP / Factory Alarm Control

0Volt 12Volt
Multimeter voltage test (MODULE NOT CONNECTED).




KEY BYPASS PROGRAMMING PROCEDURE 1/2

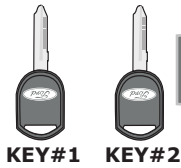
Choose between :



2 key programming.

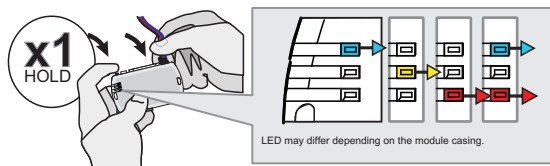


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

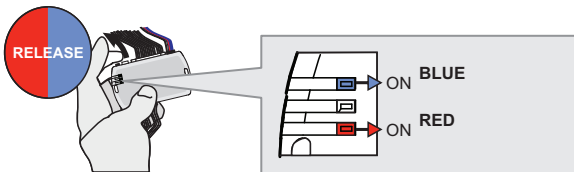
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

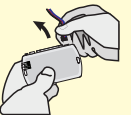
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

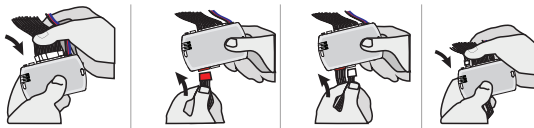


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

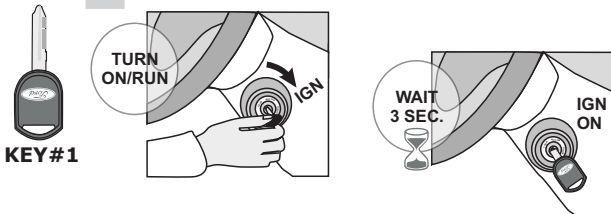


3



Insert the required remaining connectors.

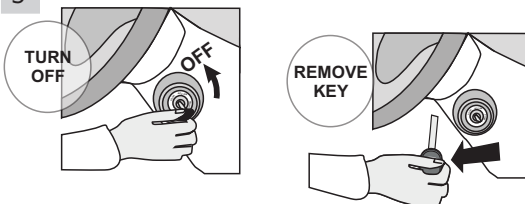
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

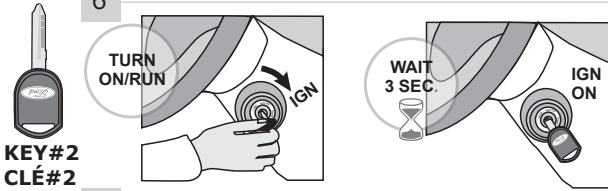
5



Turn the key to the OFF position.

Remove the first key.

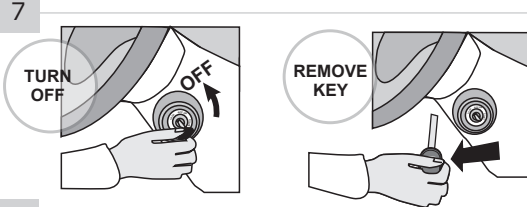
KEY BYPASS PROGRAMMING PROCEDURE 2/2



KEY#2
CLÉ#2

Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



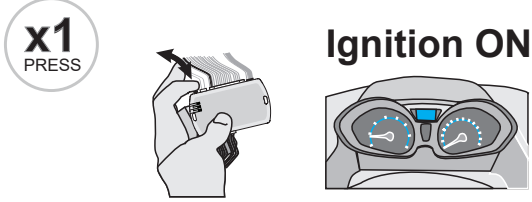
Turn the key to the OFF position.

Remove the second key.

8

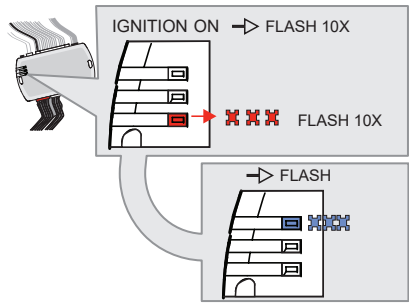
CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.

5 sec. max



Press and release the programming button.

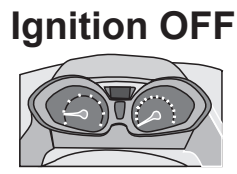
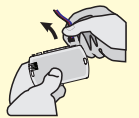
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

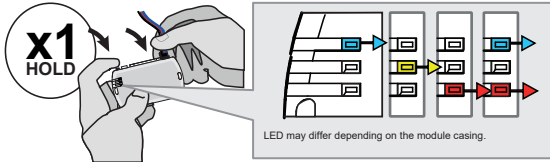
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- Smartphone Android or iOS with Internet connection
(Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

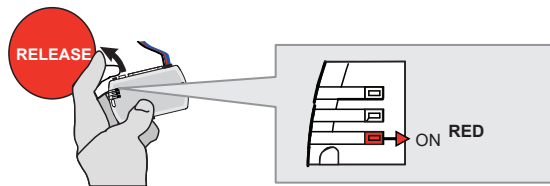
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

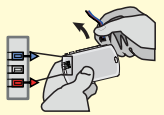
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

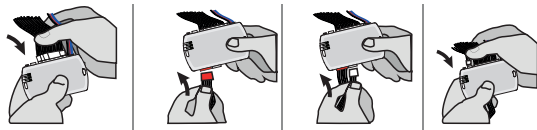


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

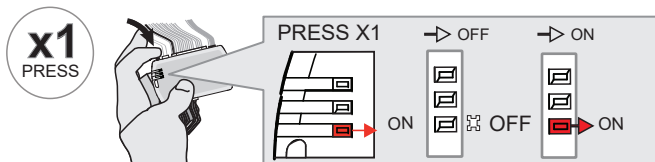


3



Insert the required remaining connectors.

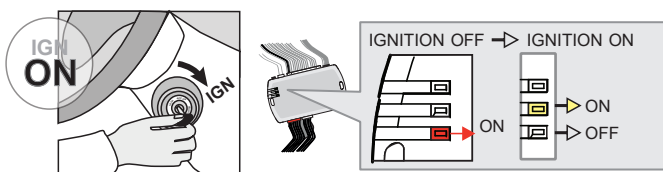
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



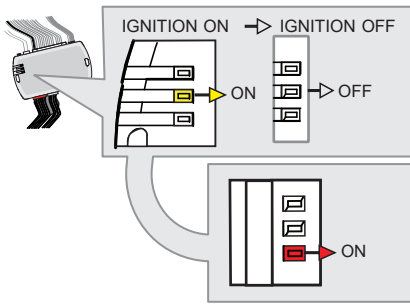
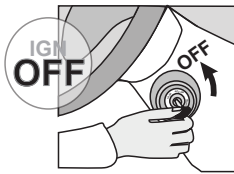
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

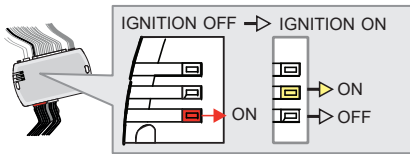
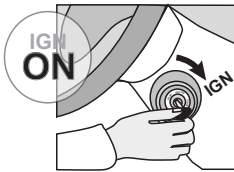
6



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

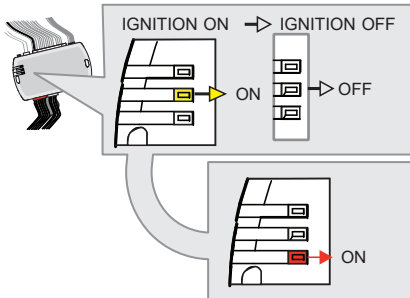
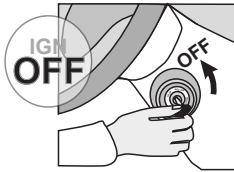
↳The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳The RED LED will turn OFF.
↳The YELLOW LED will turn on.

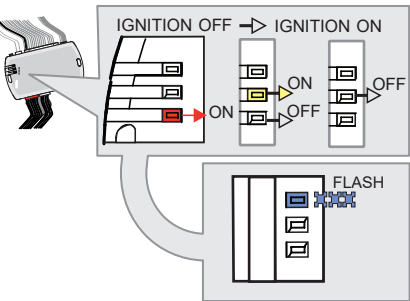
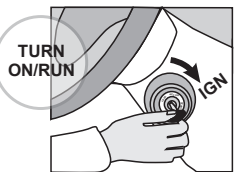
8



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

↳The RED LED will turn on.

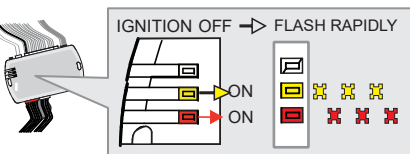
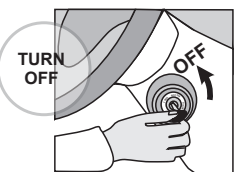
9



Turn the key to the Ignition ON/RUN position.
↳The YELLOW LED will turn on and off.
↳The RED LED will turn OFF.

↳WAIT, the BLUE LED to flash rapidly.

10

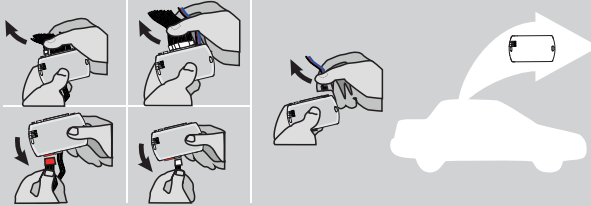


Turn the key to the OFF position.

↳The RED and YELLOW LEDs will alternate.

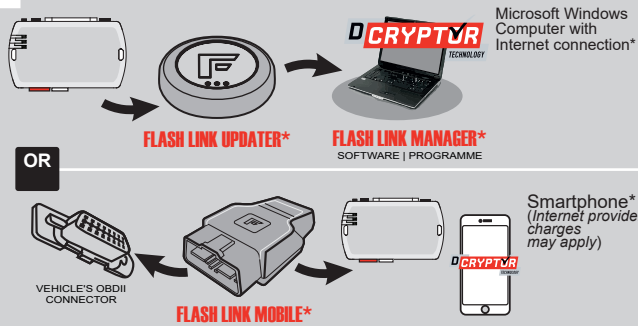
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



Disconnect all the connectors and after the Data-Link (4-pins) connector.

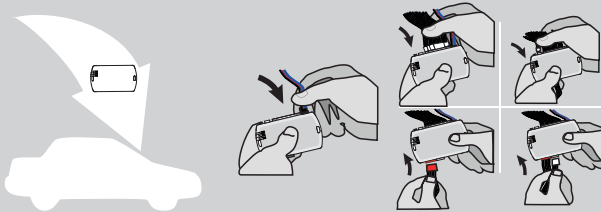
12



Use the tool:
FLASH LINK UPDATER or
FLASH LINK MOBILE
 to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and reconnect the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

THAR-FOR4 THARNESSE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

Vehicle functions supported in this diagram (functional if equipped)



VEHICLE	YEARS	2KEY Programming	1KEY Programming	Transponder Bypass	T-Harness	Lock	Unlock	Arm	Disarm	RAP Disable	Tachometer	Door Status	Trunk Status	Hood Status	Hand-Brake Status	Foot-Brake Status	OEM Remote Monitoring
LINCOLN																	
MKX	2007-2010	1	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

	Program bypass option IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	UNIT OPTION	DESCRIPTION
		A11	OFF
			Hood trigger (Output Status).

- Parts required** (Not included)

 - 1x 10 Amp Fuse
 - 2x 1Amp Diodes (with alarm)

MANDATORY INSTALL

***HOOD PIN**

HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

PARTS REQUIRED (NOT INCLUDED)


1x **FLASH LINK UPDATER,**
 1x **FLASH LINK MANAGER**
 SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

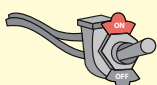
1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
 Smartphone *Android* or *iOS* with Internet connection (*provider charges may apply*).

MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.


STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION
	OEM Remote Stand Alone Remote Starter:	D1.10 	By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE,VERROUILLE,VERROUILLE
		D1.1 	
	Program bypass option with oem remote:	C1	OEM Remote Monitoring
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit


REMOTE STARTER FUNCTIONALITY



All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.




The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED

x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package **RSPB**, Sold separately.

WARNING

REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION

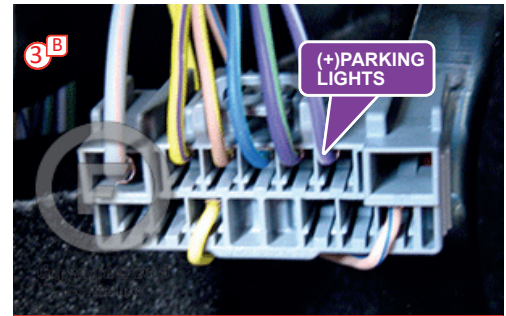
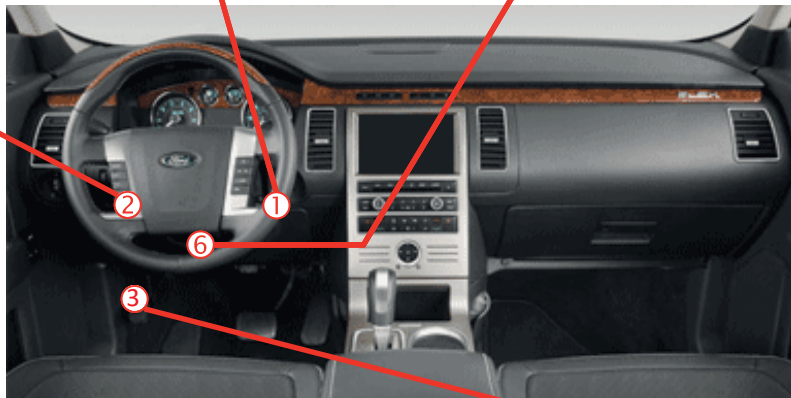
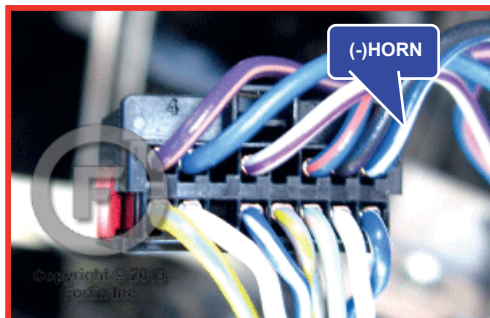
② Ignition barrel



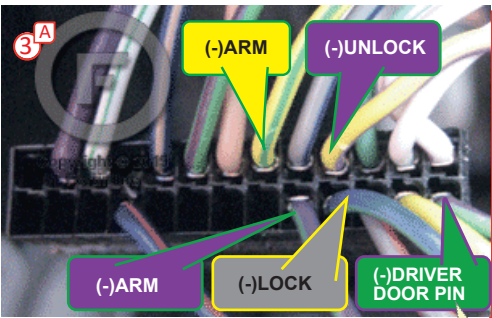
① Ignition barrel



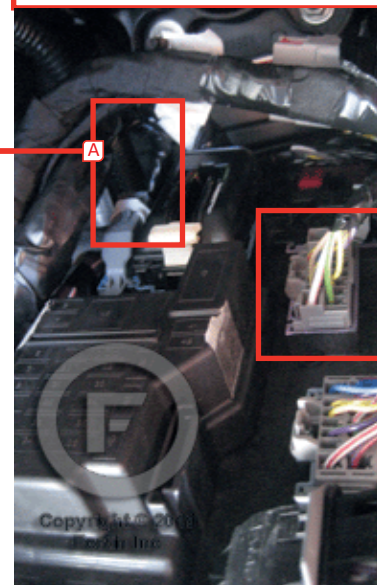
⑥ Steering column



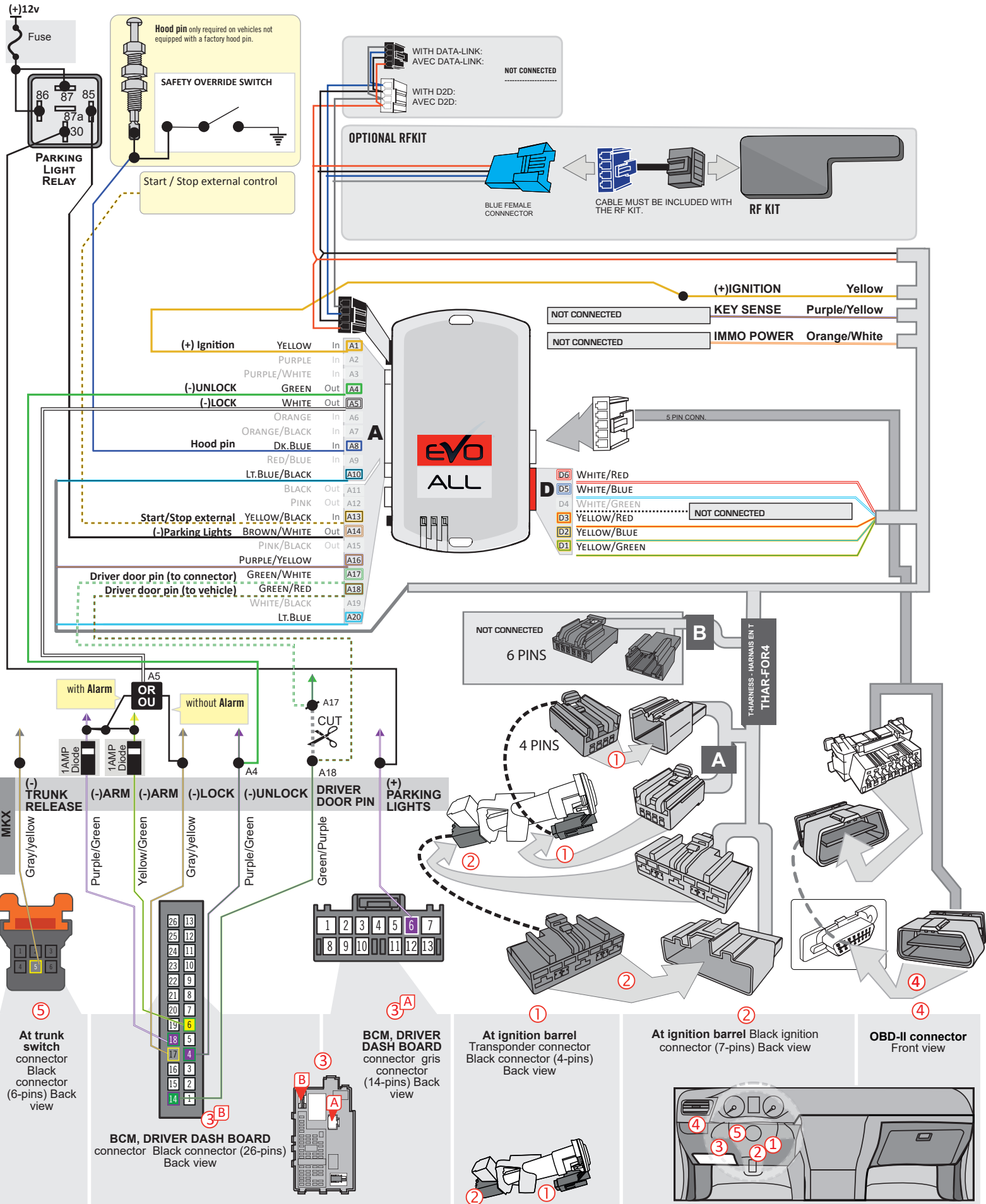
③ BCM Driver kick panel



Connection required to arm the factory alarm when the doors are locked and RAP Control.




AUTOMATIC TRANSMISSION WIRING CONNECTION



KEY BYPASS PROGRAMMING PROCEDURE 1/2

Choose between : Choisir entre:



2 key programming.

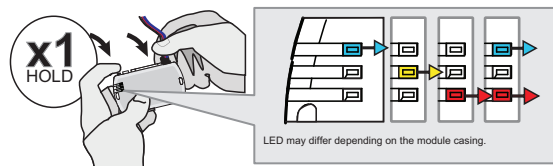


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

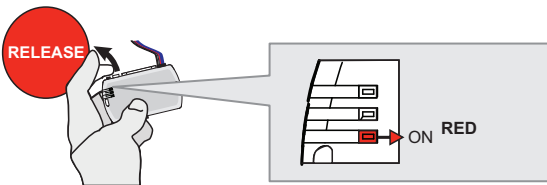
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

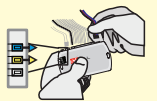
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

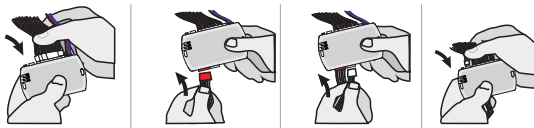


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

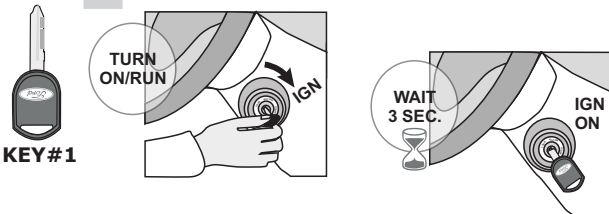


3



Insert the required remaining connectors.

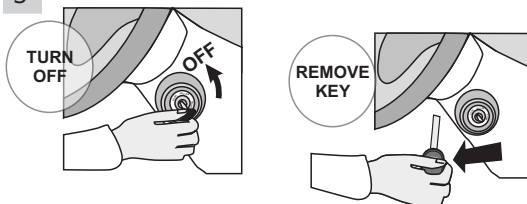
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

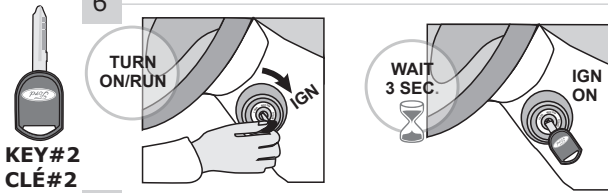
5



Turn the key to the OFF position.

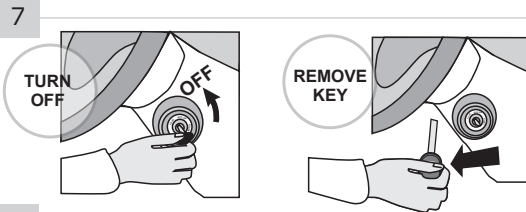
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

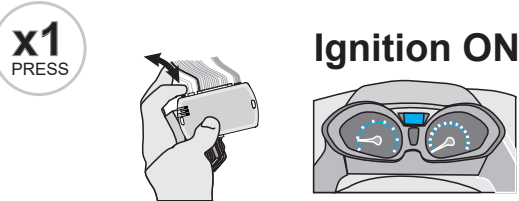
Wait 3 seconds.



Turn the key to the OFF position.

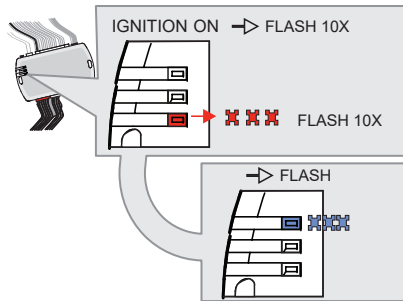
Remove the second key.

8 **CAUTION** The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.
5 sec. max



Press and release the programming button.

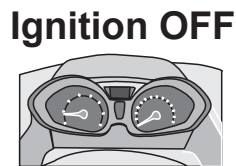
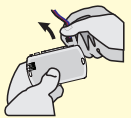
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times.
Key bypass programmed.

↳ The BLUE LED will flash rapidly.
CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

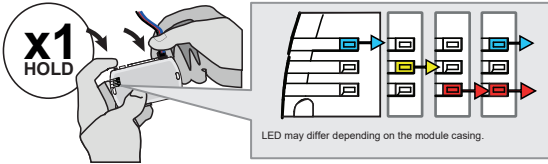
- 1x FLASH LINK UPDATER,
FLASH LINK MANAGER
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x FLASH LINK MOBILE
- 1x FLASH LINK MOBILE APP
- Smartphone Android or iOS with Internet connection
(Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

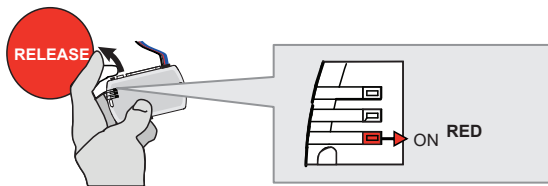
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

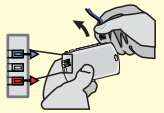
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

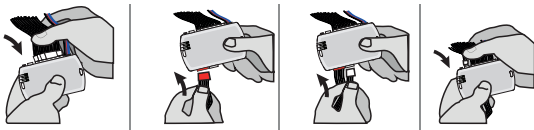


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

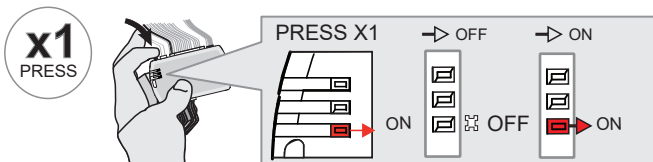


3



Insert the required remaining connectors.

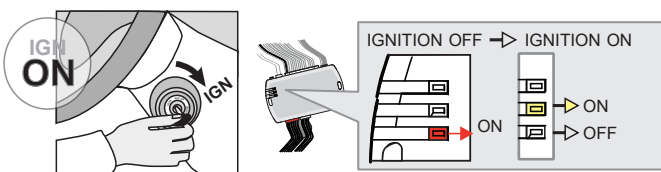
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



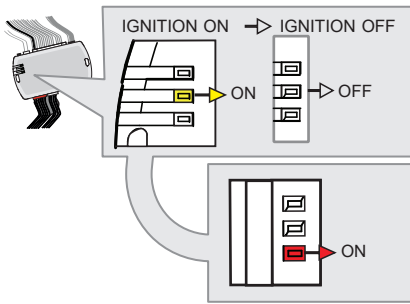
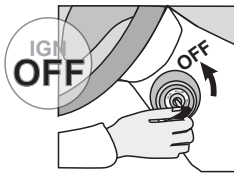
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

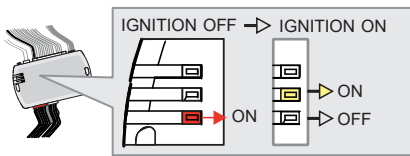
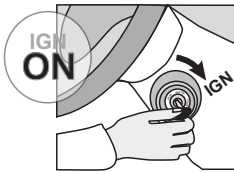
6



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

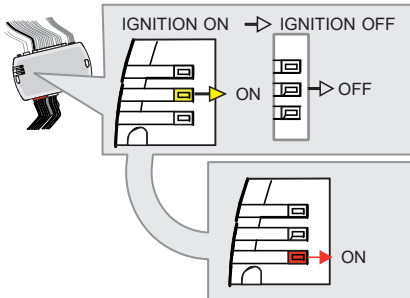
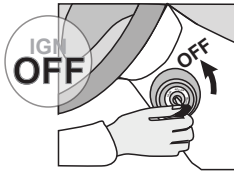
↳The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳The RED LED will turn OFF.
↳The YELLOW LED will turn on.

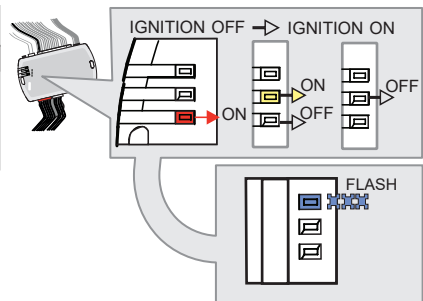
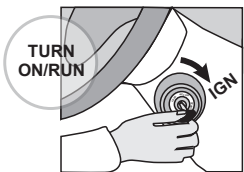
8



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

↳The RED LED will turn on.

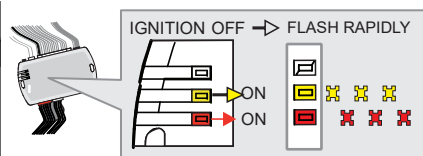
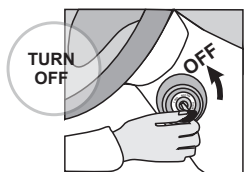
9



Turn the key to the Ignition ON/RUN position.
↳The YELLOW LED will turn on and off.
↳The RED LED will turn OFF.

↳WAIT, the BLUE LED to flash rapidly.

10

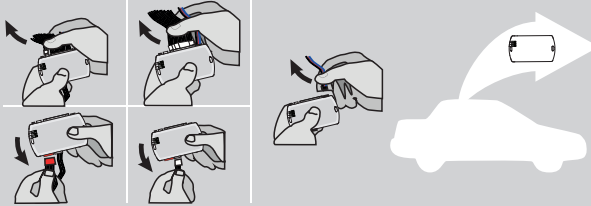


Turn the key to the OFF position.

↳The RED and YELLOW LEDs will alternate.

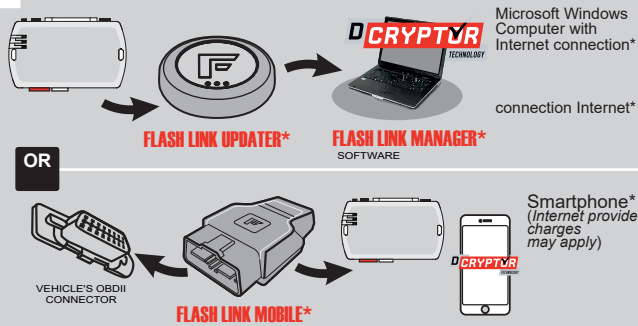
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



Disconnect all the connectors and after the Data-Link (4-pins) connector.

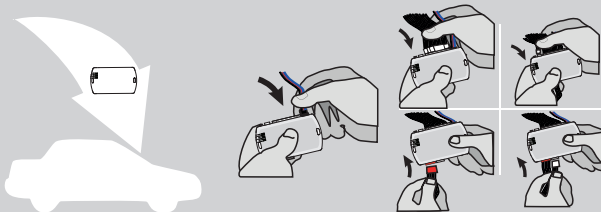
12



Use the tool: FLASH LINK UPDATER or FLASH LINK MOBILE to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED Go back to the vehicle and reconnect the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

THAR-FOR4 THARNNESS STAND ALONE
INSTALLATION

ADDENDUM - SUGGESTED WIRING
CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

VEHICLE		YEARS	Vehicle functions supported in this diagram (functional if equipped)													
			Immobilizer bypass	T-Harness Harnais en T	Lock	Unlock	Arm	Disarm	RAP Disable	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD																
Mustang	AT - 40-bits	2010-2014	•	•	•	•	•	•	•	•	•	•	•	•	•	•




FIRMWARE VERSION

71.[52]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	OFF	Hood trigger (Output Status).
---	------------	------------	-------------------------------


	Program bypass option:	UNIT OPTION	DESCRIPTION
		C1	OEM Remote status (Lock/Unlock) monitoring

NOTES

ATTENTION THE T-HARNNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.


If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

-  **Parts required** (Not included)
- 1x Fusible
 - 1x Relay

MANDATORY INSTALL

***HOOD PIN**



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11	OFF
-----	-----

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

PARTS REQUIRED (NOT INCLUDED)


1x **FLASH LINK UPDATER**
 1x **FLASH LINK MANAGER**
 SOFTWARE
 1x Microsoft Windows Computer with Internet connection

OR

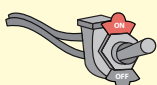
1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
 Smartphone *Android* or *iOS* with Internet connection (*provider charges may apply*).
 1x

MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.


STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION
	OEM Remote Stand Alone Remote Starter:	D1.10 	By default, LOCK, LOCK, LOCK
		D1.1 	LOCK, UNLOCK, LOCK
	Program bypass option with oem remote:	C1	OEM Remote Monitoring
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit
		H1 à H6	


REMOTE STARTER FUNCTIONALITY



All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.



START

The vehicle will START.

REMOTE STARTER DIAGNOSTICS

MODULE RED LED


x2 flash : Brake ON

x3 flash : No tach

x4 flash : Ignition before start


x5 flash : Hood Open

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package RSPB, Sold separately.

WARNING

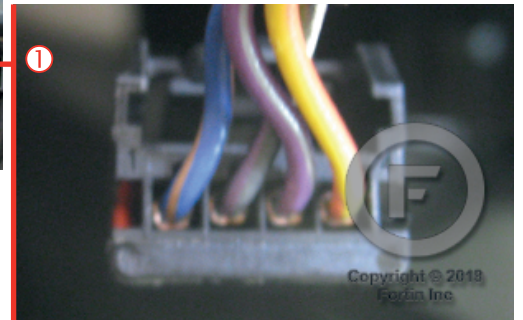
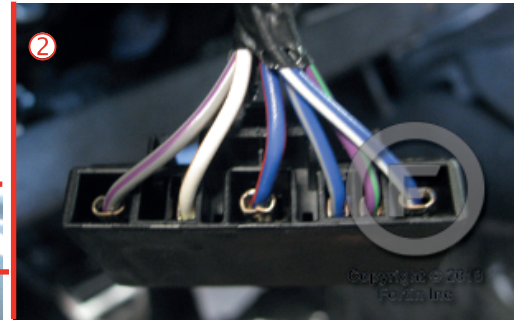
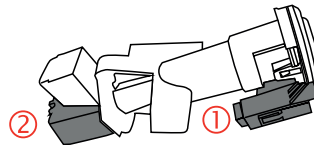
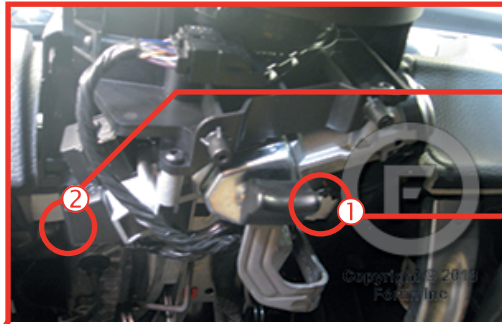


REMOTE STARTER

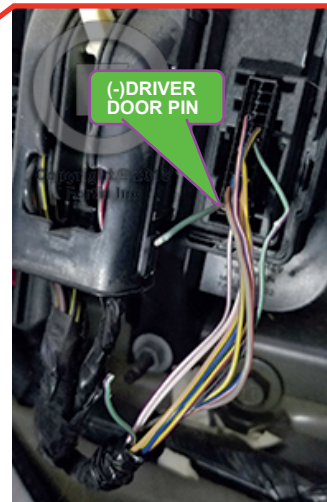
THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION

Ignition barrel



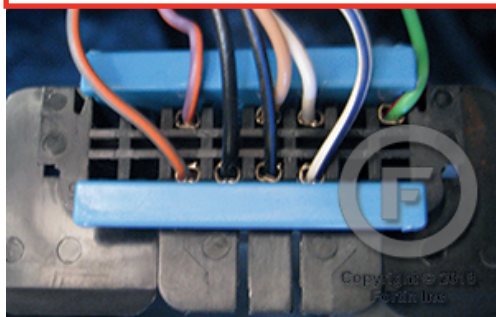
4 BCM Passenger kick panel



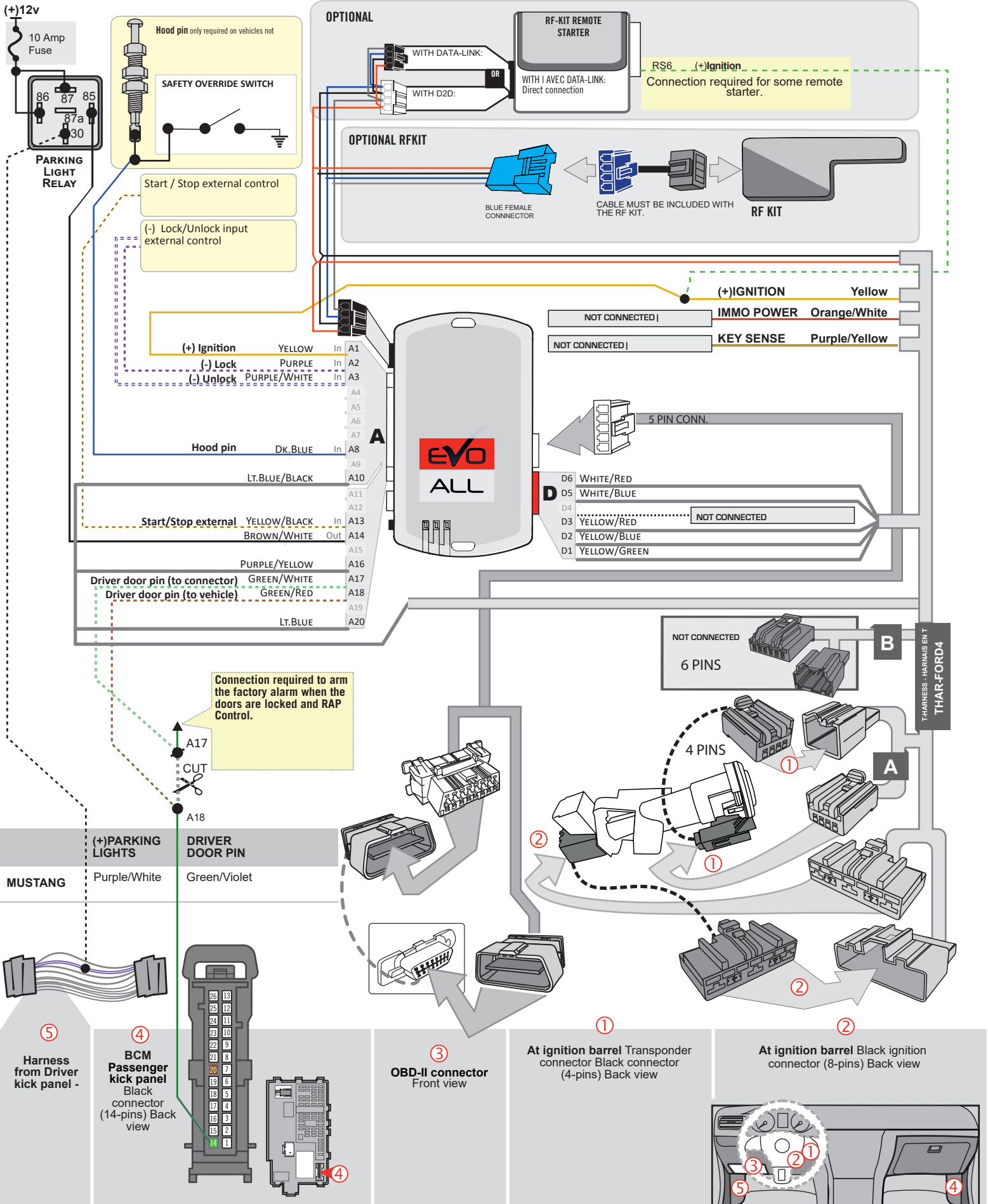
5 Driver kick panel



3 OBD-II connector




AUTOMATIC TRANSMISSION WIRING CONNECTION




KEY BYPASS PROGRAMMING PROCEDURE 1/2

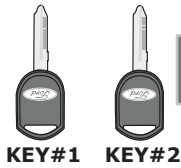
Choose between :



2 key programming.

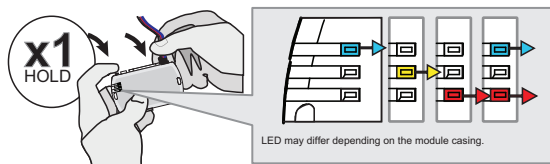


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

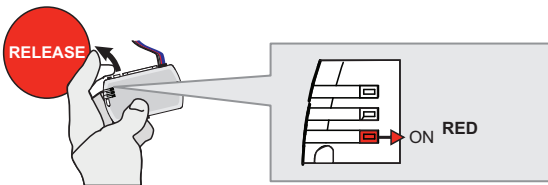
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

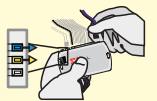
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

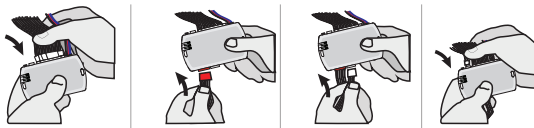


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

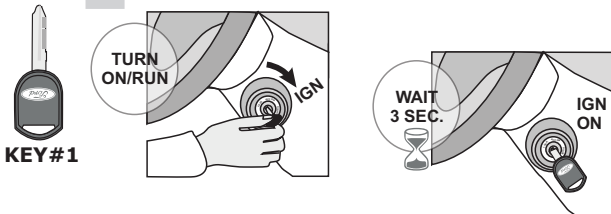


3



Insert the required remaining connectors.

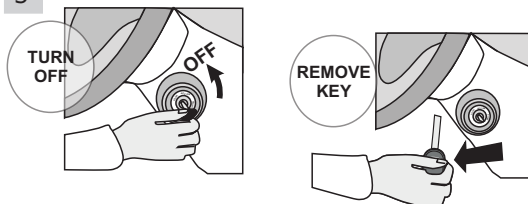
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

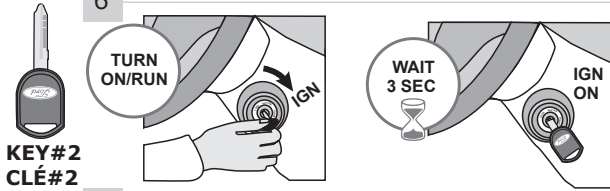
5



Turn the key to the OFF position.

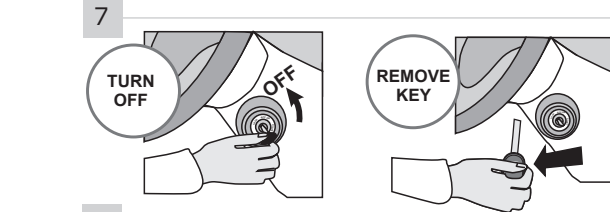
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2




Turn the second functional key to the Ignition ON/RUN position.

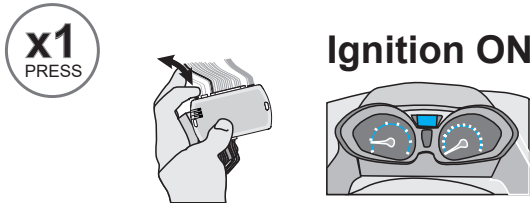
Wait 3 seconds.



Turn the key to the OFF position.

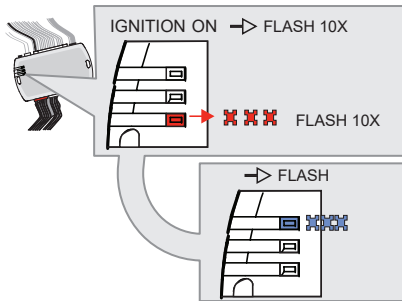
Remove the second key.

8  **CAUTION** The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.
5 sec. max



Press and release the programming button.

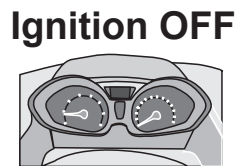
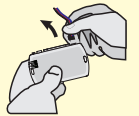
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE |



Parts required (not included)

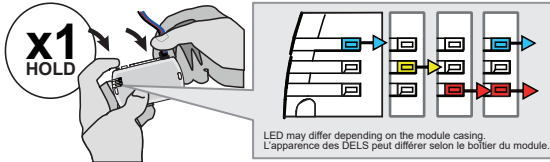
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- Smartphone *Android* or *iOS* with Internet connection
(Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

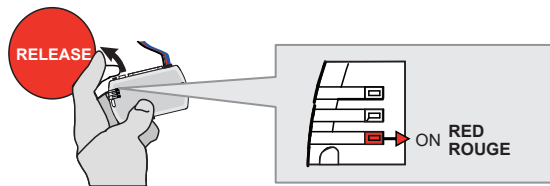
1



Press and hold the programming button:
Insert the 4-Pin (Data-Link) connector.

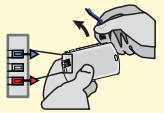
↳ The Blue, Yellow, Red and Blue & Red LEDs will alternatively illuminate.

2

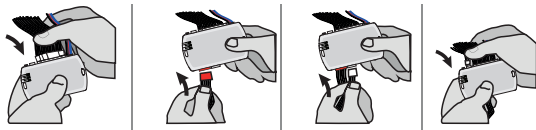


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 4-Pin connector (Data-Link) and go back to step 1.

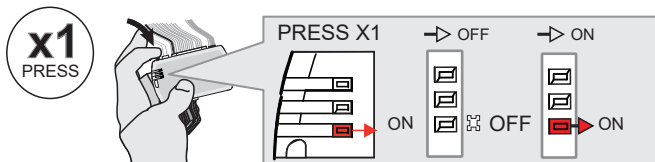


3



Insert the required remaining connectors.

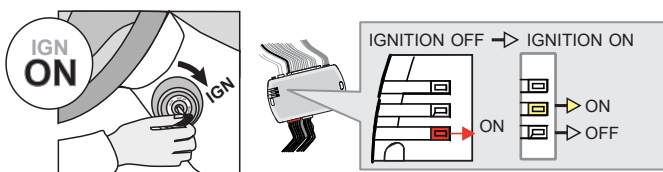
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



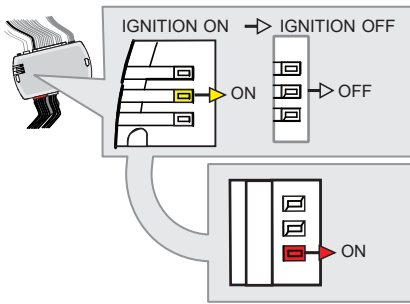
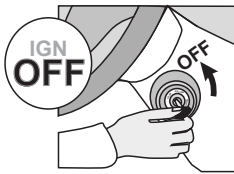
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

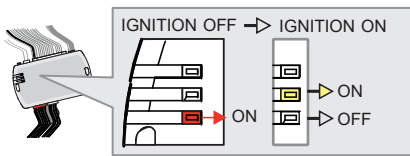
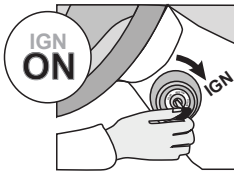
6



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

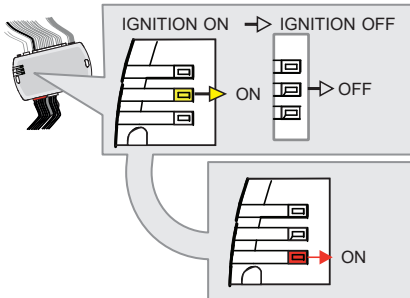
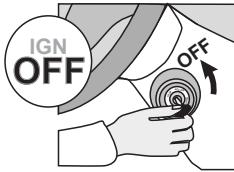
↳The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳The RED LED will turn OFF.
↳The YELLOW LED will turn on.

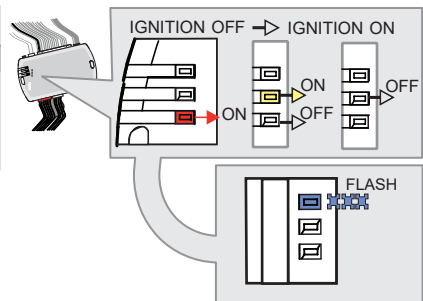
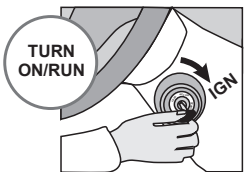
8



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

↳The RED LED will turn on.

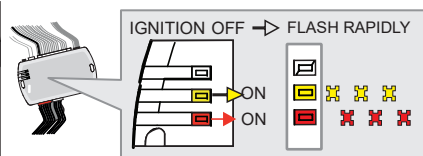
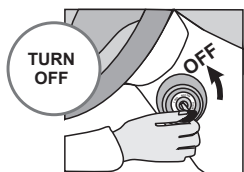
9



Turn the key to the Ignition ON/RUN position.
↳The YELLOW LED will turn on and off.
↳The RED LED will turn OFF.

↳WAIT, the BLUE LED to flash rapidly.

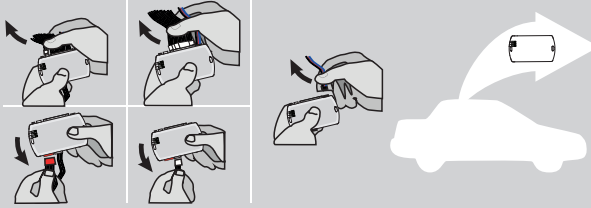
10



Turn the key to the OFF position.

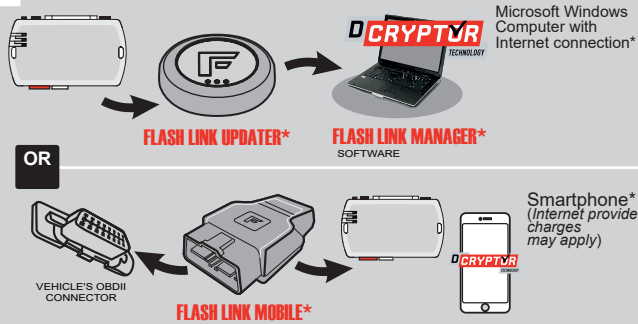
↳The RED and YELLOW LEDs will alternate.

11



Disconnect all the connectors and after the Data-Link (4-pins) connector.

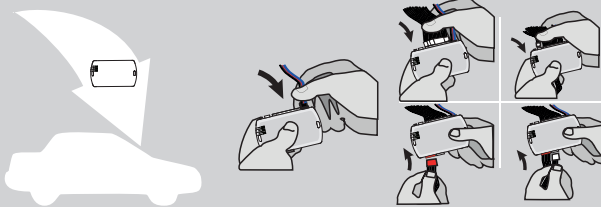
12



Use the tool: **FLASH LINK UPDATER** or **FLASH LINK MOBILE** to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REGULAR, THAR-FOR4 & THAR-FOR1 INSTALLATION
ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)																
		Immobilizer bypass	T-harness available (Sold separately)	Lock	Unlock	Arm	Disarm	RAP Disable	Horn	Parking Lights	Tachometer	Door Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	R.S. OEM remote Stand Alone compatible	
FORD																		
Edge	40-bits 2007-2010	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	

BYPASS FIRMWARE VERSION

71.[52]

FORD MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

	UNIT OPTION	DESCRIPTION
<p>Program bypass option:</p>	A5	<div style="text-align: center; background-color: #28a745; color: white; padding: 2px; margin-bottom: 5px;">ON</div> AUX.1 By default with OEM alarm
	A5	<div style="text-align: center; background-color: #dc3545; color: white; padding: 2px; margin-bottom: 5px;">OFF</div> AUX.1 without OEM alarm sans alarme d'origine
IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	<div style="text-align: center; background-color: #dc3545; color: white; padding: 2px; margin-bottom: 5px;">OFF</div> Hood trigger (Output Status).
	C1	OEM Remote status (Lock/Unlock) monitoring

	FUNCTION	MODE	DESCRIPTION
<p>Program remote starter option:</p>	31	4	(+) Parking Light (E1) (+) Accessory (E2)
Program remote starter option for R.S. OEM REMOTE STAND ALONE:	38	2	Enable Press 3x Lock to remote start with the OEM remote.

MANDATORY INSTALL
*** HOOD PIN**


HOOD STATUS: THE HOOD PIN SWITCH (INCLUDED) MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

SECURITY STICKER


Included

Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

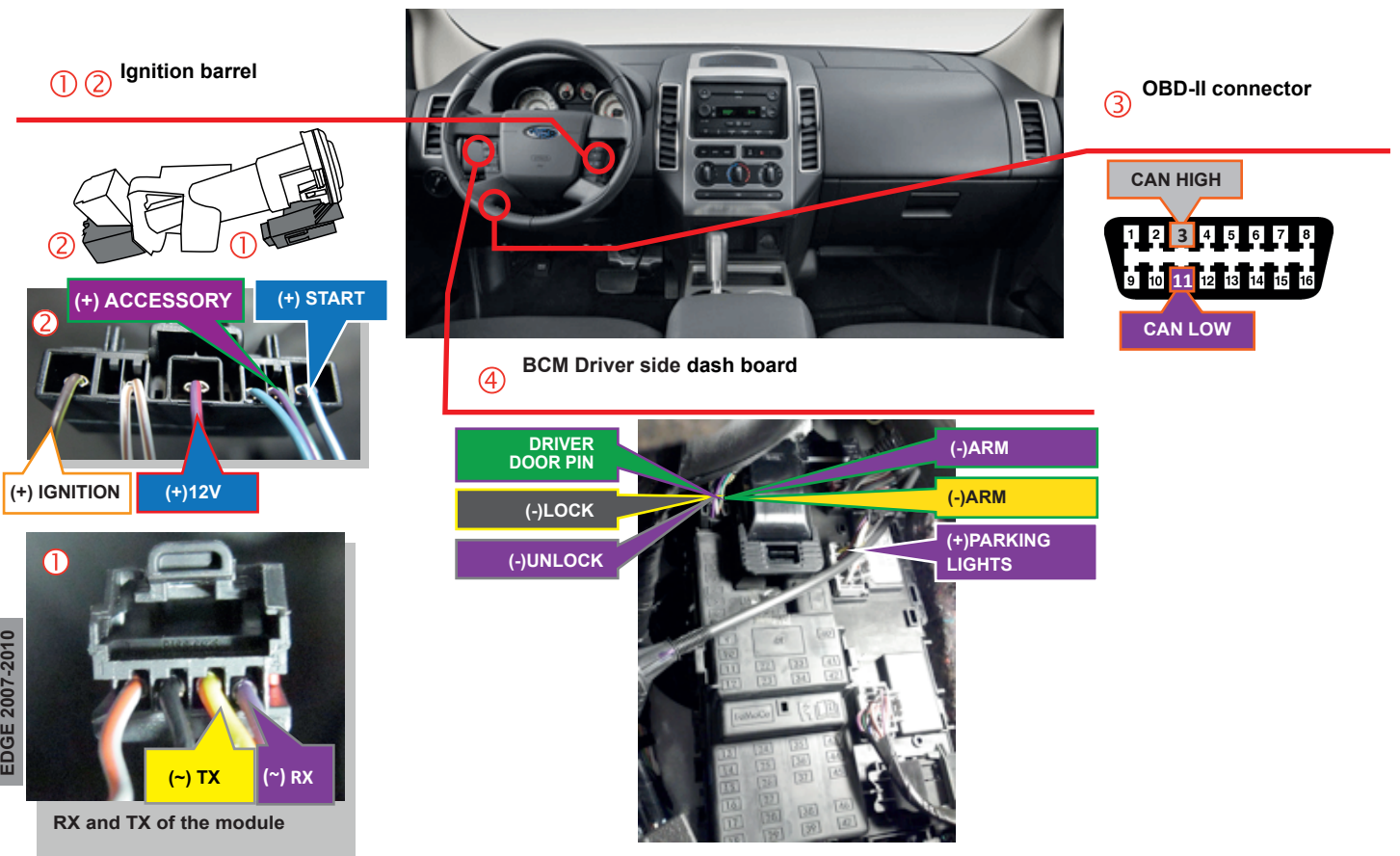
Parts required (Not included) PAGE

WIRE TO WIRE DIAGRAM

	1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm) 1x 1Amp. Diodes (without OEM alarm)	Page 3
--	---	--------

THARNNESS DIAGRAM

THARNNESS THAR-FORD4	1x THAR-FOR4 1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm)	Page 4
THARNNESS THAR-FORD1	1x THAR-FOR1 1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm) 1x 1Amp. Diodes (without OEM alarm)	Page 5



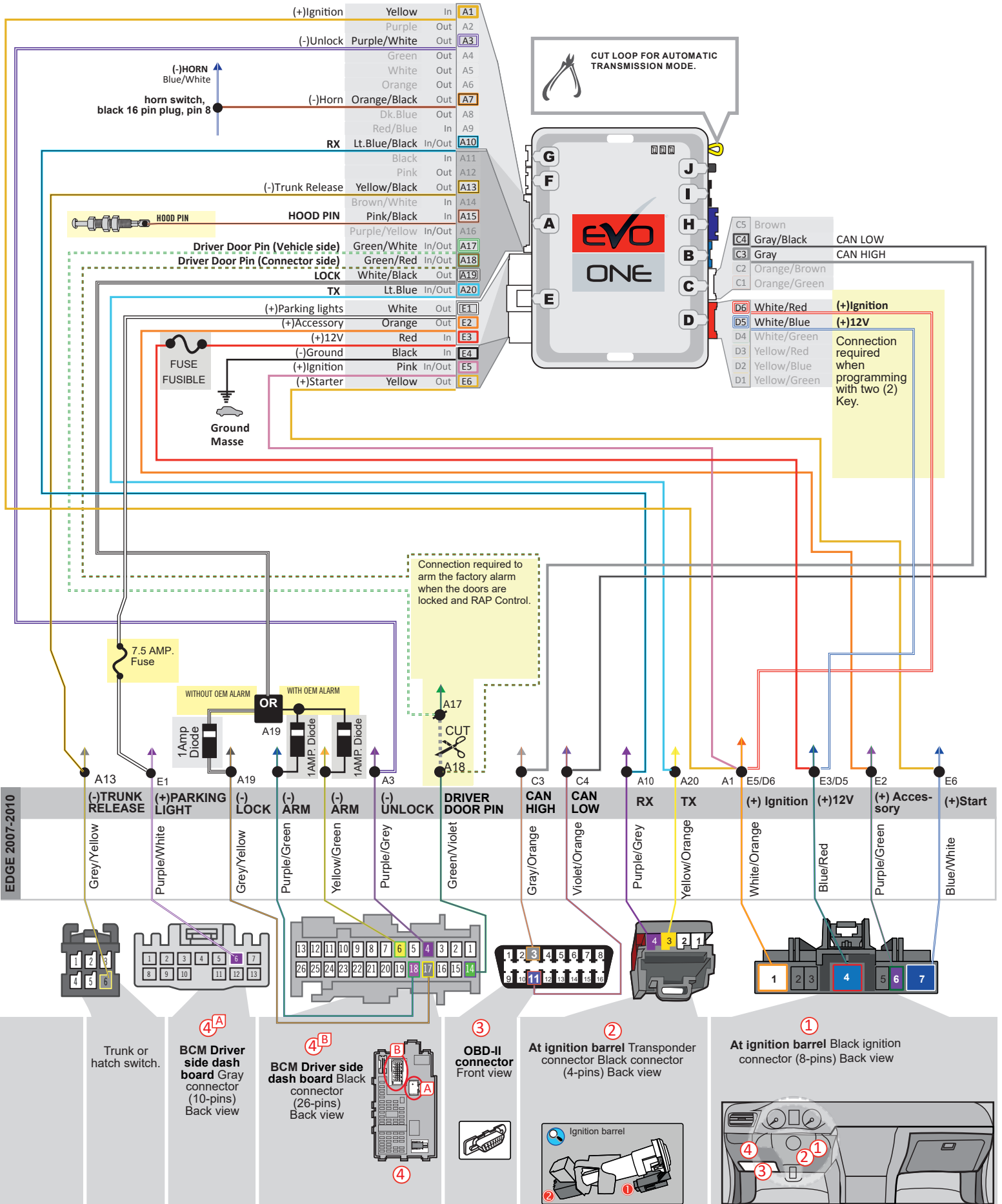
T-HARNESS: 12V BATTERY

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

WIRING CONNECTION



KEY BYPASS PROGRAMMING PROCEDURE

Choose between :

2 key programming.

DCRYPTOR and 1 key programming.

2 KEY REQUIRED

1

Press and hold the programming button:
Insert the 6-Pin Main connector.

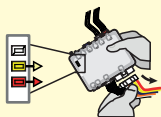
WITH T-HARNESS

Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

↳ The LEDs will alternate between BLUE, RED, YELLOW & BLUE/RED flashes.

2

If the LED is not solid RED disconnect the 6 Pin connector (Main-Harness) and go back to step 1.



WITH T-HARNESS

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

3

Insert the required remaining connectors.

4

Turn the first functional key to the ON/RUN position.

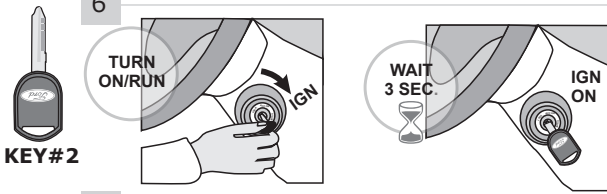
Wait 3 seconds.

5

Turn the ignition to the OFF position

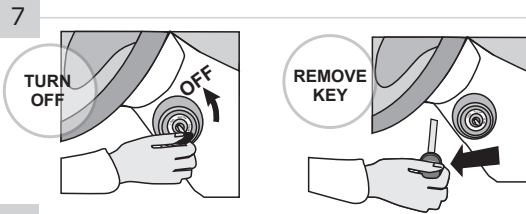
and remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



Turn the key to the OFF position.

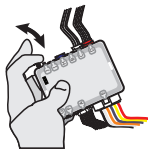
Remove the second key.

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.



5 sec. max

x1 PRESS

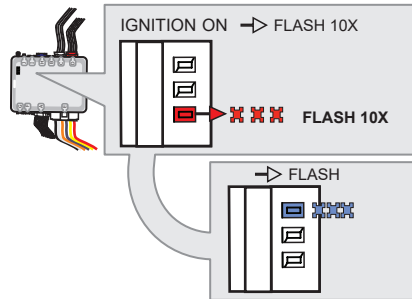


Ignition ON



Press and release the programming button.

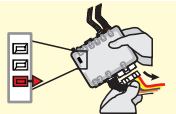
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



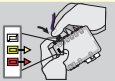
Ignition OFF



The vehicle ignition will turn OFF.

WITH T-HARNESS AVEC HARNAIS EN T

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

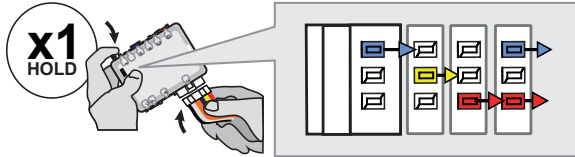
- 1x **FLASH LINK UPDATER**,
SOFTWARE
- 1x **FLASH LINK MANAGER**
SOFTWARE
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
Smartphone Android or iOS with Internet connection
(Internet provider charges may apply)

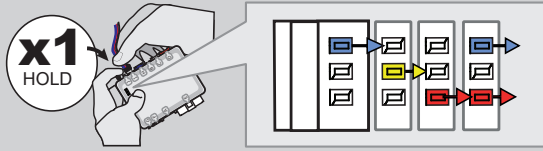
BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

1



Press and hold the programming button:
Insert the 6-Pin Main connector.

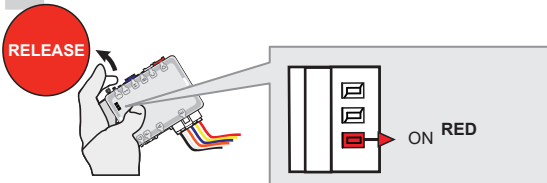
WITH T-HARNESS



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

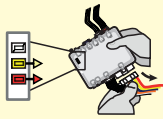
↳ The LEDs will alternate between BLUE, RED, YELLOW & BLUE/RED flashes.

2



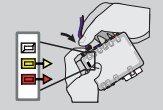
Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 6 Pin connector (Main-Harness) and go back to step 1.

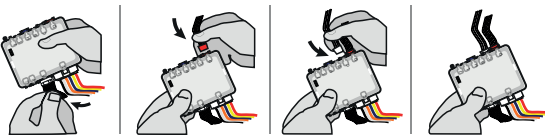


WITH T-HARNESS

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

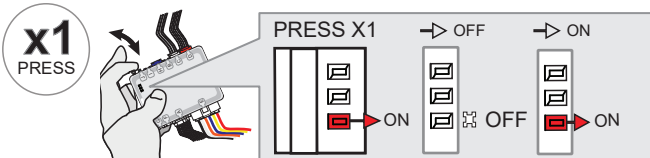


3



Insert the required remaining connectors.

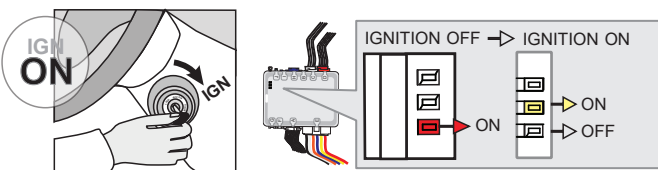
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



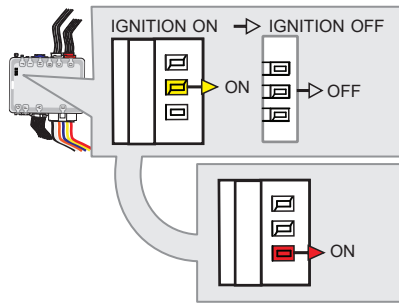
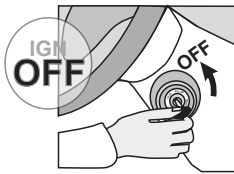
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

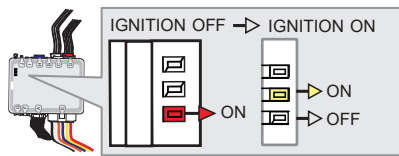
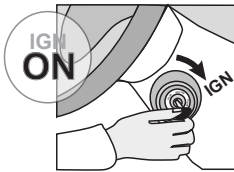
6



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

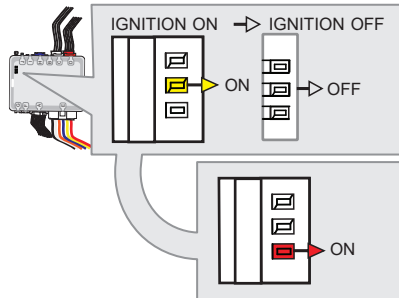
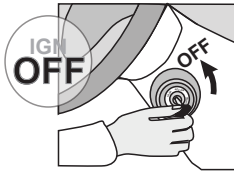
↳ The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳ The RED LED will turn OFF.
↳ The YELLOW LED will turn on.

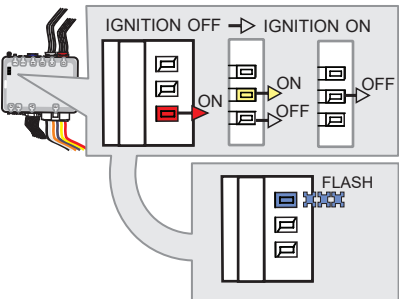
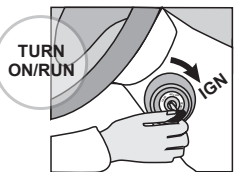
8



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

↳ The RED LED will turn on.

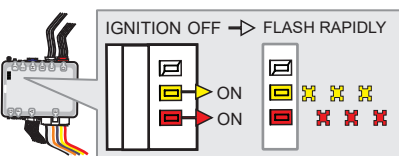
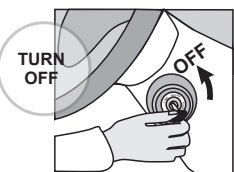
9



Turn the key to the Ignition ON/RUN position.
↳ The YELLOW LED will turn on and off.
↳ The RED LED will turn OFF.

↳ WAIT, the BLUE LED to flash rapidly.

10

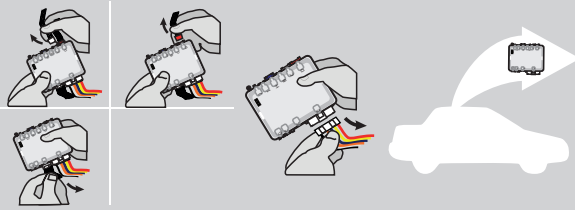


Turn the key to the OFF position.

↳ The RED and YELLOW LEDs will alternate.

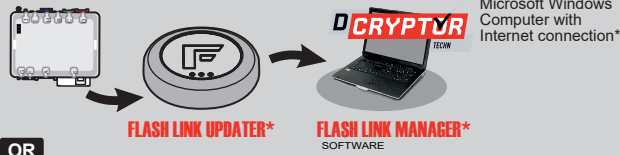
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



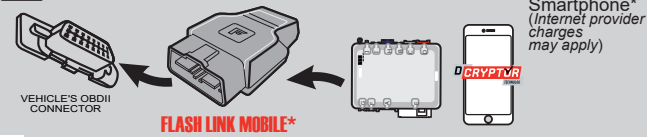
Disconnect all connectors and after the 6-Pin (Main-Harness) or the 4-Pin Data-link connector.

12



Microsoft Windows Computer with Internet connection*

OR

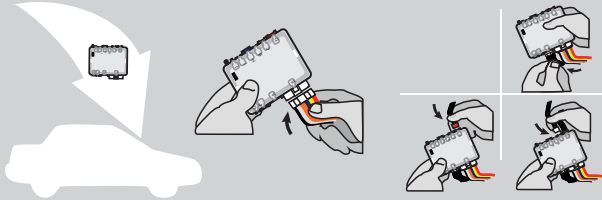


Smartphone* (Internet provider charges may apply)

Use the tool:
FLASH LINK UPDATER or **FLASH LINK MOBILE** to visit the DCRYPTOR menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and reconnect the 6-Pin (Main-Harness) or the 4-pins (Data-Link) connector and after all the remaining connector.



The module is now programmed.



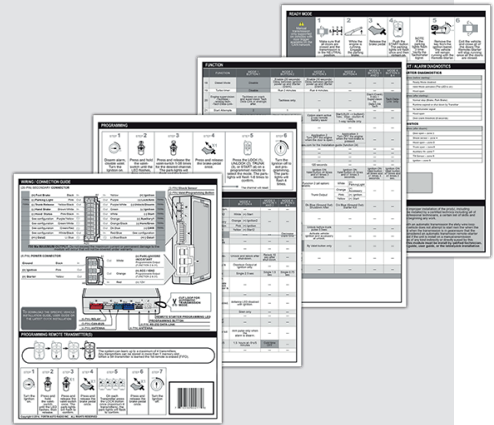
REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER PROGRAMMING PROCEDURE



REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



REMOTE STARTER FUNCTIONALITY



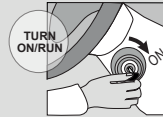
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.




The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)															
		Immobilizer bypass	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Horn	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	R.S. OEM remote Stand Alone compatible
FORD																	
Edge	80-bits (SA KEY) 2011-2014	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
LINCOLN																	
MKX	80-bits (SA KEY) 2011-2013	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



BYPASS FIRMWARE VERSION

71.[52]

FORD MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

Program bypass option:	UNIT OPTION	DESCRIPTION
	A5	ON
OFF		AUX.1 without OEM alarm

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	OFF	Hood trigger (Output Status).
	C1		OEM Remote status (Lock/Unlock) monitoring

Program remote starter option:	FUNCTION	MODE	DESCRIPTION
	31	4	
38	2		Enable Press 3x Lock to remote start with the OEM remote.
32	5		D.k Blue (Ground Out): Arm / Rearm
34	3		Trunk output : Unlock before trunk pulse 0.5 sec

MANDATORY INSTALL

*** HOOD PIN**



HOOD STATUS: THE HOOD PIN SWITCH (INCLUDED) MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11

OFF

SECURITY STICKER



Included

Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

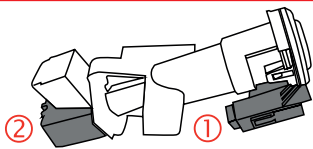
DESCRIPTION



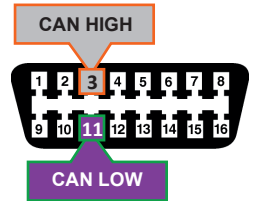
Parts required (Not included)

2x Key for programming

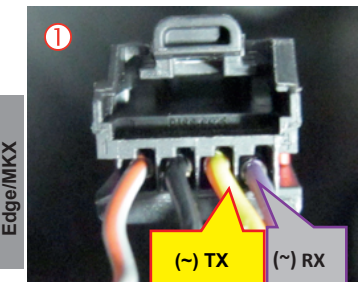
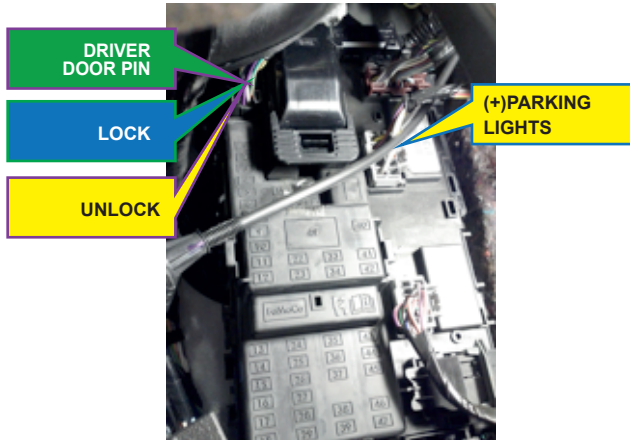
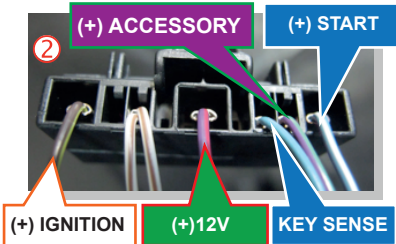
① ② Ignition barrel



③ OBD-II connector



④ BCM Driver side dash board



RX and TX of the module

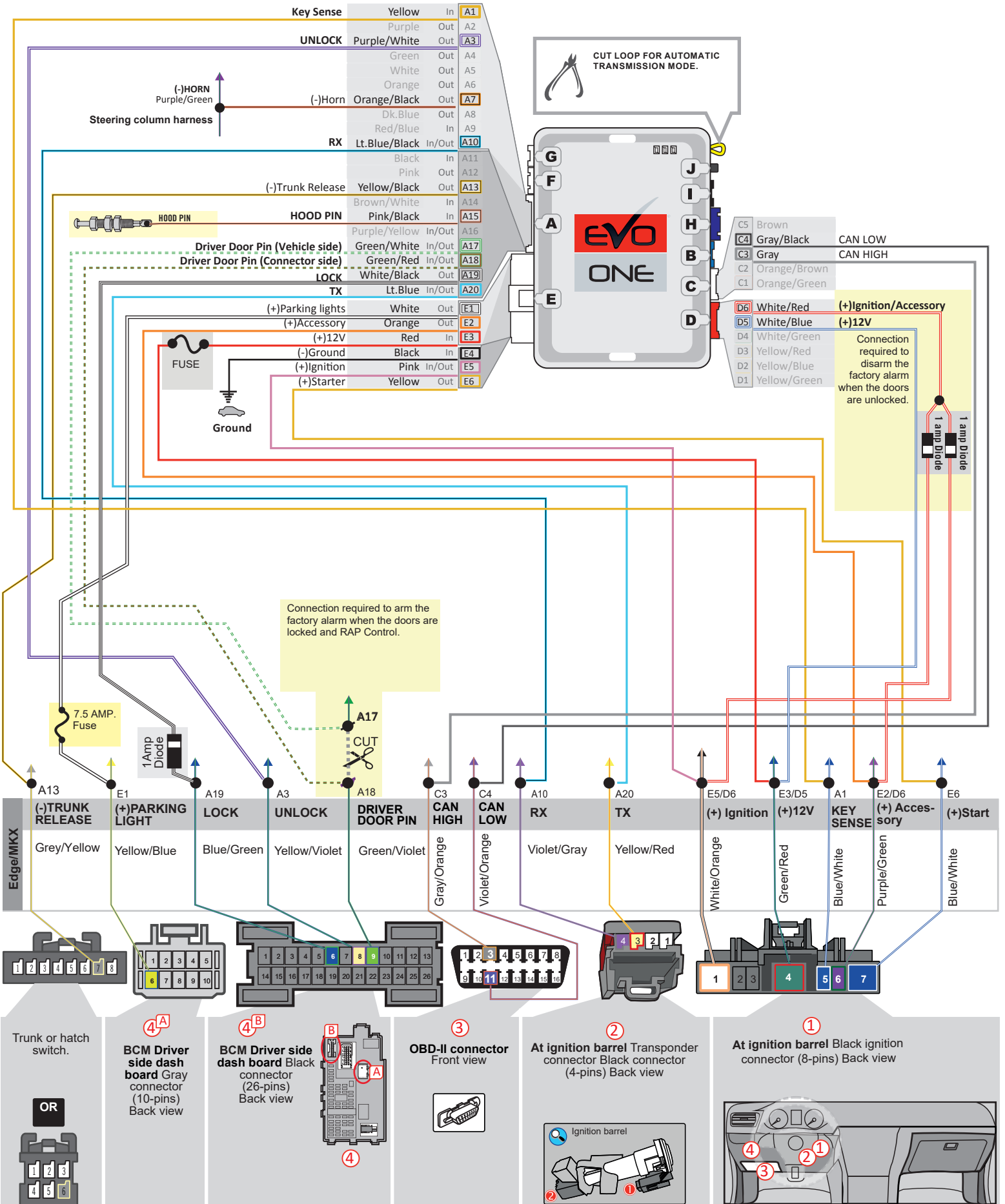
T-HARNESS: 12V BATTERY

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

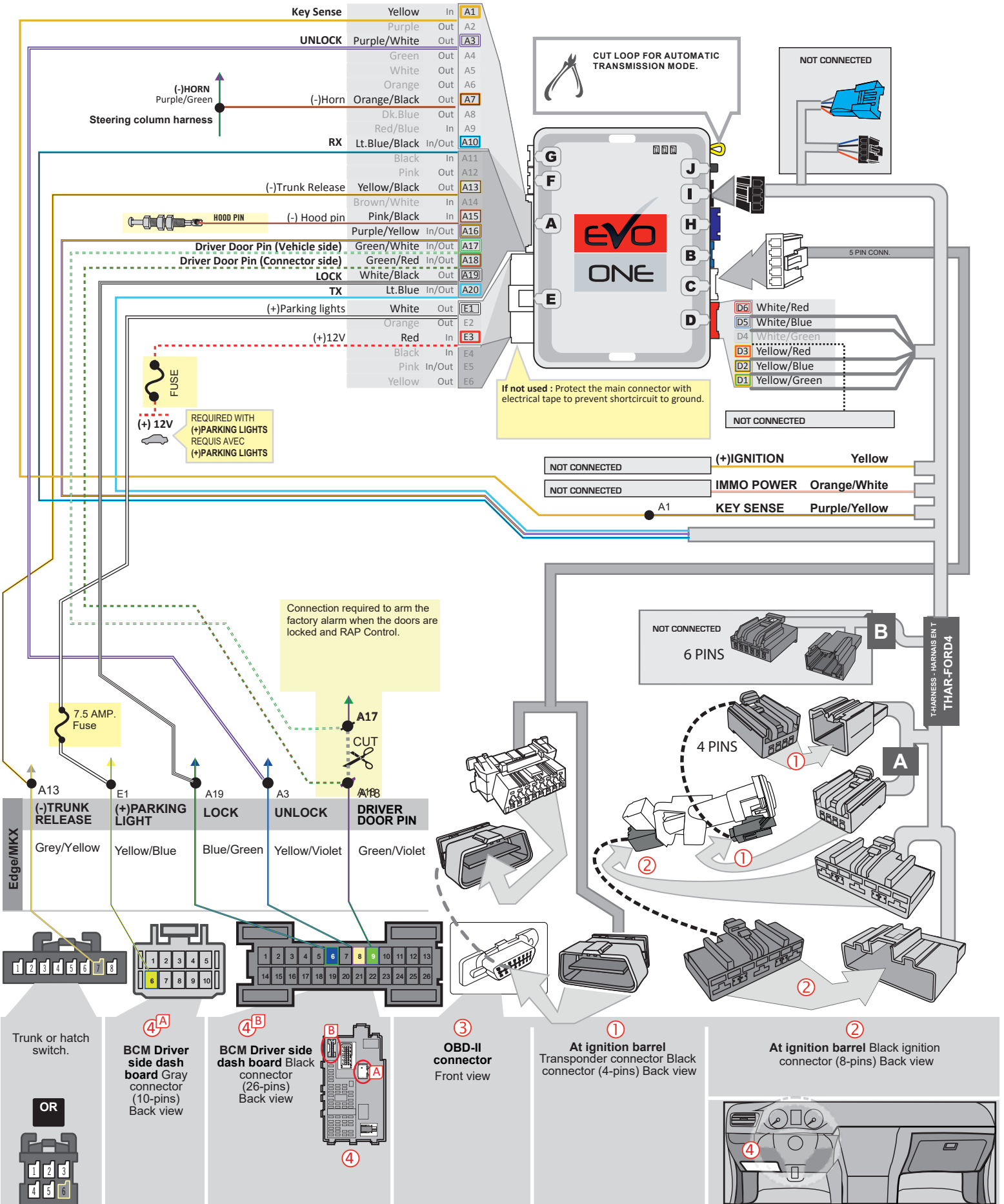
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

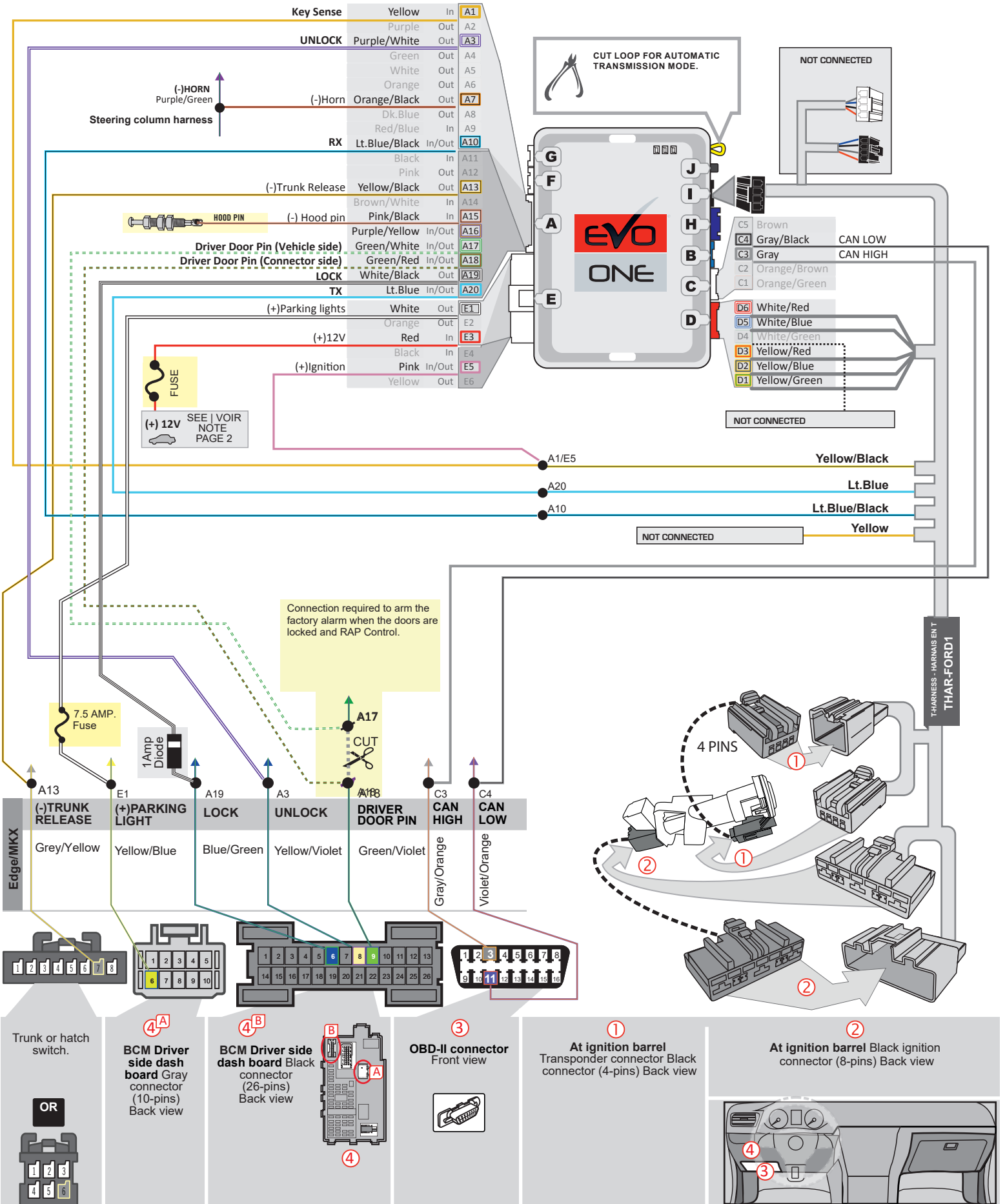
WIRING CONNECTION



THAR-FOR4 - INSTALLATION WIRING



THAR-FOR1 - INSTALLATION WIRING

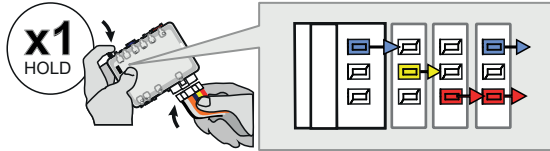


KEY BYPASS PROGRAMMING PROCEDURE 1/2



2 key required for programming

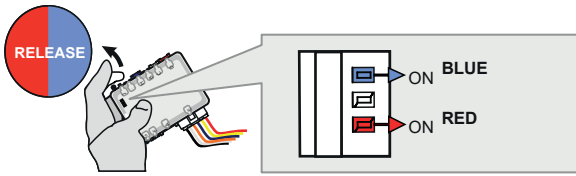
1



Press and hold the programming button:
Insert the 6-Pin Main connector.

↳ The LED will alternate between BLUE, YELLOW, RED, BLUE, YELLOW and RED flashes.

2



Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 6-Pin connector (Main-Harness) and go back to step 1.



3

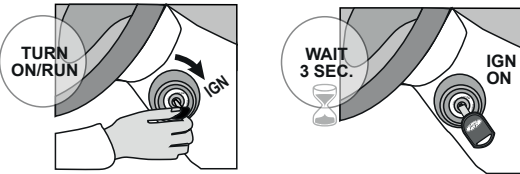


Insert the required remaining connectors.

4



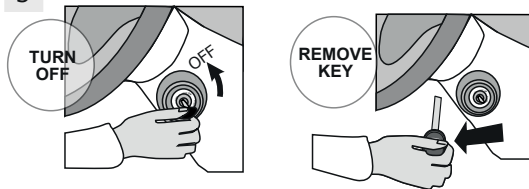
KEY#1



Turn the first functional key to the ON/RUN position.

Wait 3 seconds.

5



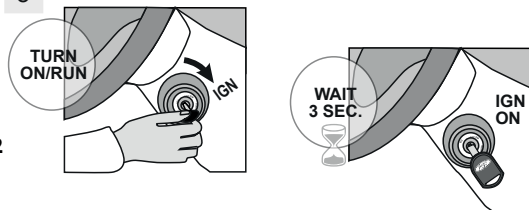
Turn the ignition to the OFF position

and remove the first key.

6



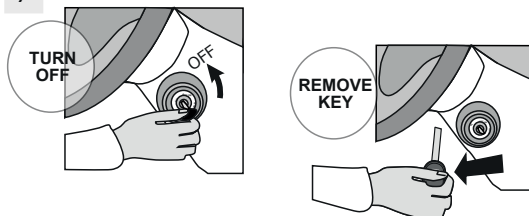
KEY#2



Turn the second functional key to the ON/RUN position.

Wait 3 seconds.

7

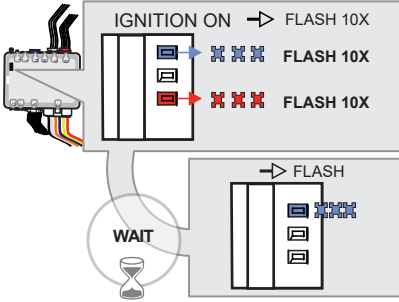
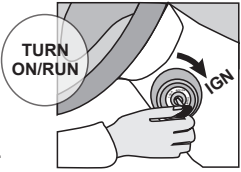


Turn the ignition to the OFF position

and remove the second key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2

8



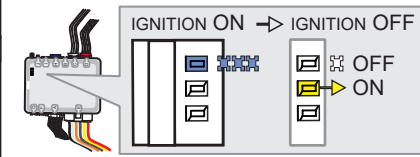
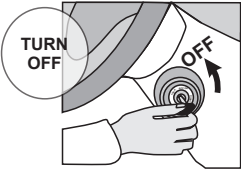
Turn the key to the Ignition ON/RUN position.

↳ The RED AND BLUE LEDs will flash rapidly ten (10) times.
Key bypass programmed.

Wait

↳ The BLUE LED will flash rapidly.
CAN-Bus programmed.

9



Turn the Ignition to the OFF position.

↳ The BLUE LED will turn off.
↳ The YELLOW LED will turn on.



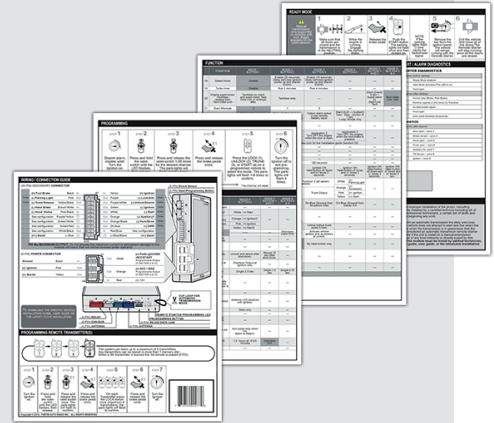
The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER PROGRAMMING PROCEDURE



REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



REMOTE STARTER FUNCTIONALITY



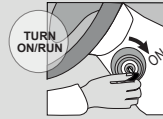
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 INSTALLATION
ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE
YEARS
Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Immobilizer bypass	T-harness available (Sold separately)	Lock	Unlock	Arm	Disarm	RAP Disable	Horn	Parking Lights	Tachometer	Door Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	R.S. OEM remote Stand Alone compatible
FORD																	
Escape	40-bits 2008-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Hybrid 40-bits 2008-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

BYPASS FIRMWARE VERSION

71.[52]

MINIMUM

 To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

UNIT OPTION	DESCRIPTION				
	A5	<table border="1"> <tr> <td>ON</td> <td>AUX.1 By default with OEM alarm</td> </tr> <tr> <td>OFF</td> <td>AUX.1 without OEM alarm</td> </tr> </table>	ON	AUX.1 By default with OEM alarm	OFF
ON	AUX.1 By default with OEM alarm				
OFF	AUX.1 without OEM alarm				
A11	OFF	Hood trigger (Output Status).			
C1		OEM Remote status (Lock/Unlock) monitoring			
D4		Hybrid mode (Vehicle hybrid only)			

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:

FUNCTION	MODE	DESCRIPTION
31	4	(+) Parking Light (E1) (+) Accessory (E2)
38	2	Enable Press 3x Lock to remote start with the OEM remote.

MANDATORY INSTALL
*** HOOD PIN**

HOOD STATUS: THE HOOD PIN SWITCH (INCLUDED) MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11 **OFF**
SECURITY STICKER


Included

Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

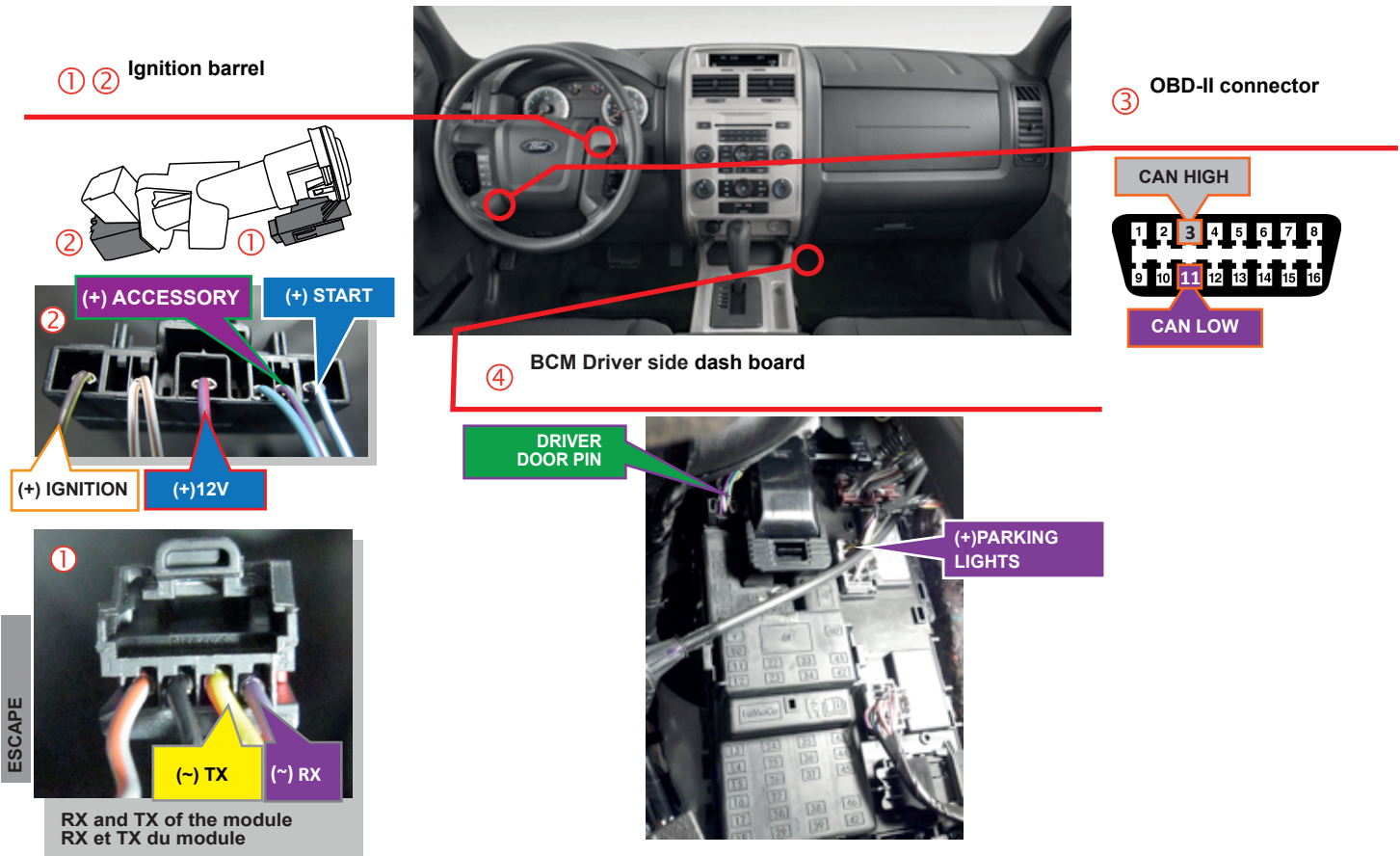
Parts required (Not included) PAGE

WIRE TO WIRE DIAGRAM

	1x 7.5 Amp. fuse	Page 3
--	------------------	--------

THARNNESS DIAGRAM

THARNNESS THAR-FORD4	1x THAR-FOR4 1x 7.5 Amp. fuse	Page 4
THARNNESS THAR-FORD1	1x THAR-FOR1 1x 7.5 Amp. fuse	Page 5



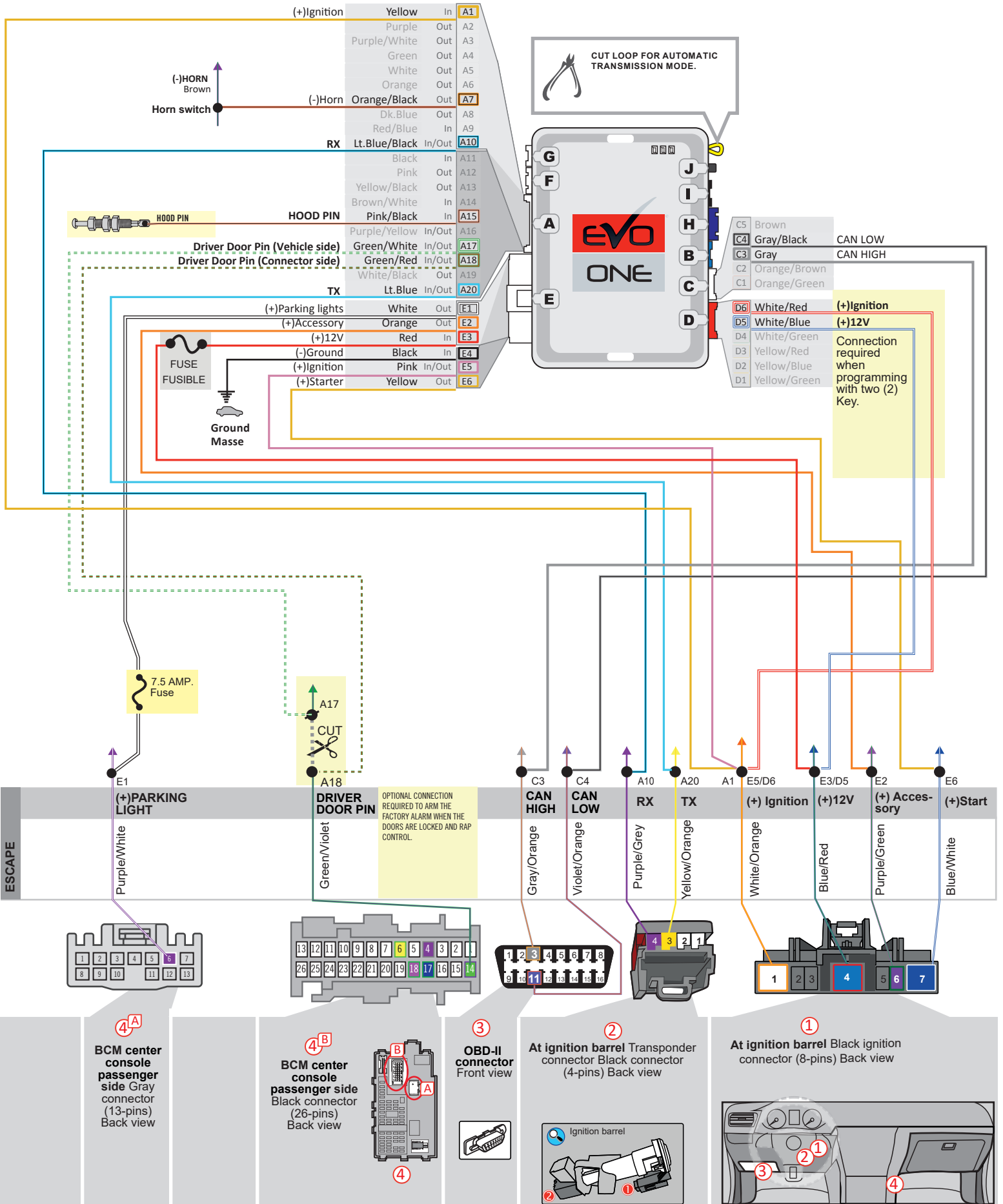
T-HARNESS: 12V BATTERY

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

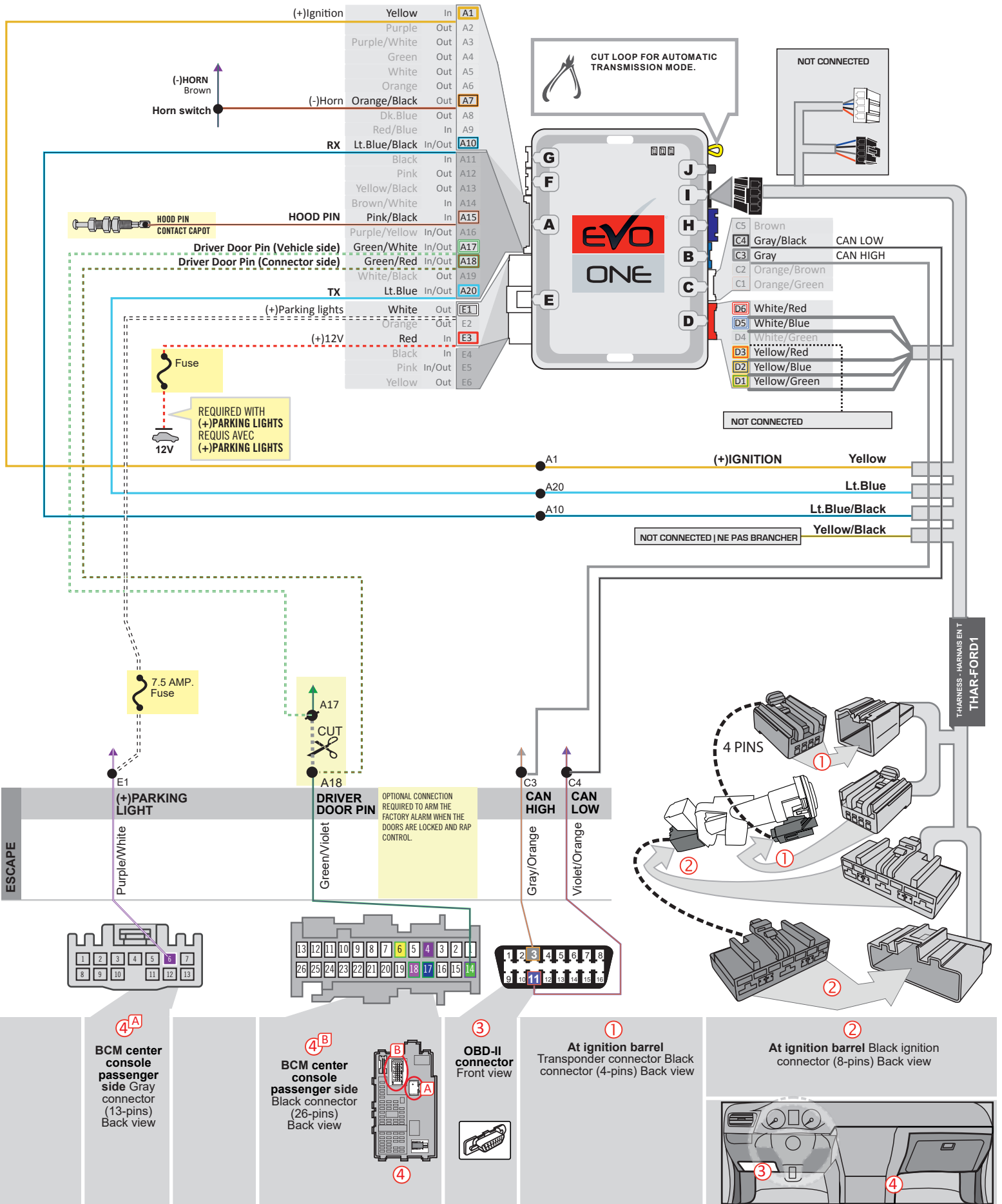
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

WIRING CONNECTION



THAR-FOR1 - INSTALLATION WIRING



KEY BYPASS PROGRAMMING PROCEDURE

Choose between :

2 key programming.

DCRYPTOR and 1 key programming.

2 KEY REQUIRED

1

Press and hold the programming button:
Insert the 6-Pin Main connector.

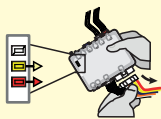
WITH T-HARNESS

Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

↳ The LEDs will alternate between BLUE, RED, YELLOW & BLUE/RED flashes.

2

If the LED is not solid RED disconnect the 6 Pin connector (Main-Harness) and go back to step 1.



WITH T-HARNESS

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

3

Insert the required remaining connectors.

4

Turn the first functional key to the ON/RUN position.

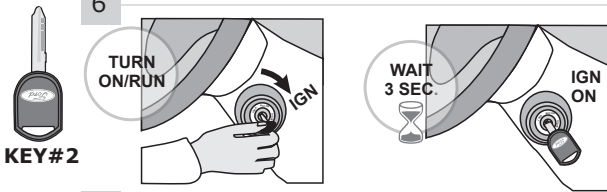
Wait 3 seconds.

5

Turn the ignition to the OFF position

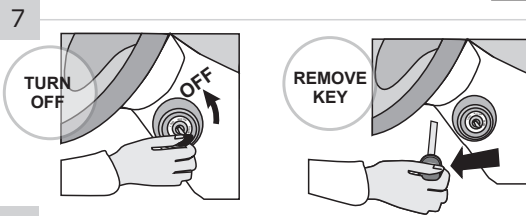
and remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



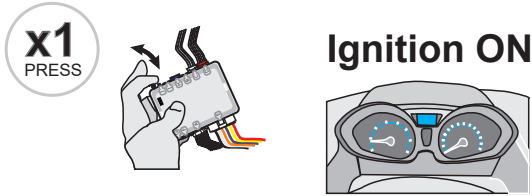
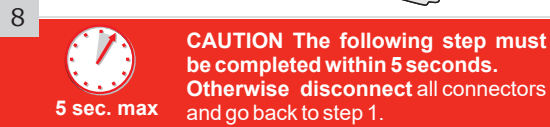
Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



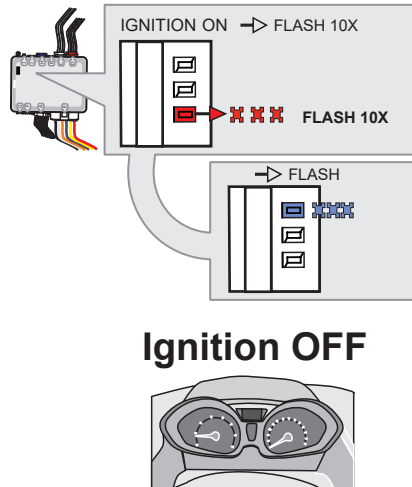
Turn the key to the OFF position.

Remove the second key.



Press and release the programming button.

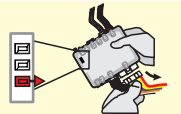
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times.
Key bypass programmed.

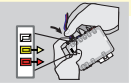
↳ The BLUE LED will flash rapidly.
CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



WITH T-HARNESS If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

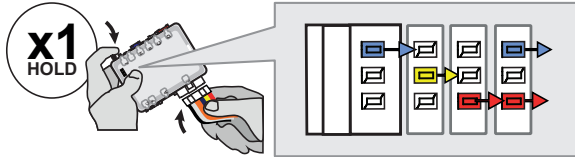
- 1x **FLASH LINK UPDATER**,
SOFTWARE
- 1x **FLASH LINK MANAGER**
SOFTWARE
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
Smartphone Android or iOS with Internet connection
(Internet provider charges may apply)

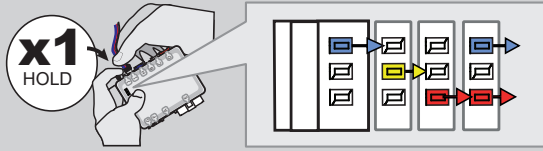
BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

1



Press and hold the programming button:
Insert the 6-Pin Main connector.

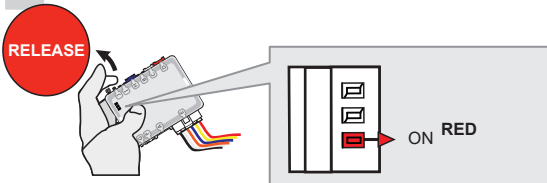
WITH T-HARNESS



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

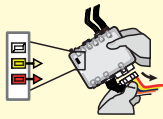
↳ The LEDs will alternate between BLUE, RED, YELLOW & BLUE/RED flashes.

2



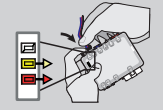
Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 6 Pin connector (Main-Harness) and go back to step 1.

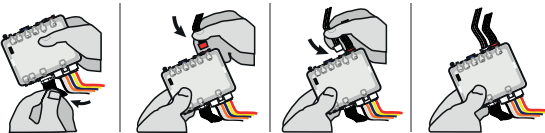


WITH T-HARNESS

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

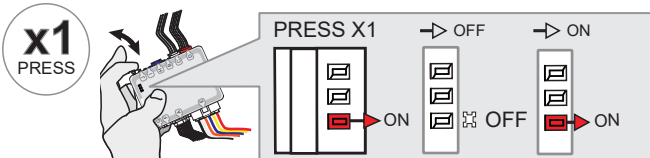


3



Insert the required remaining connectors.

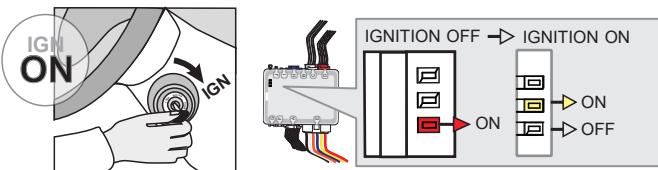
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



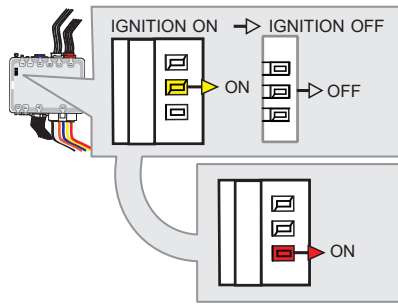
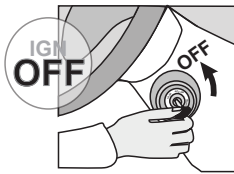
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3 |

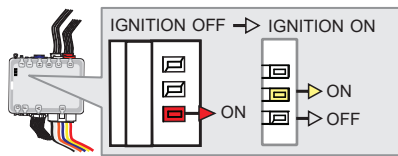
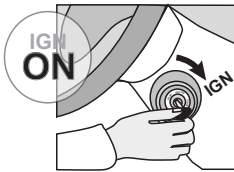
6



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

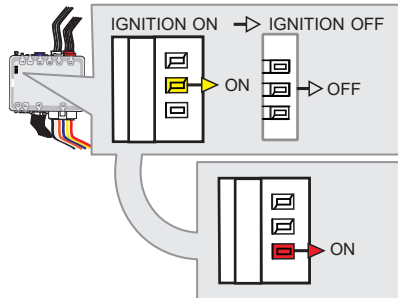
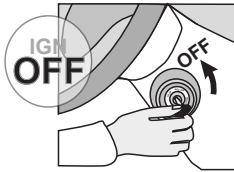
↳The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳The RED LED will turn OFF.
↳The YELLOW LED will turn on.

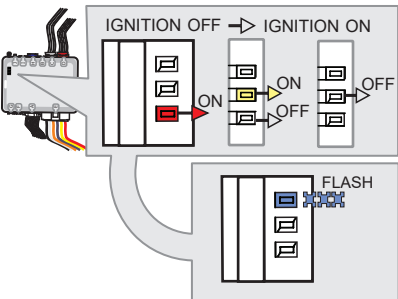
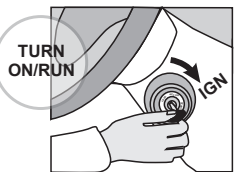
8



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

↳The RED LED will turn on.

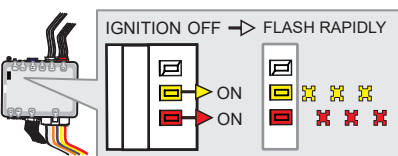
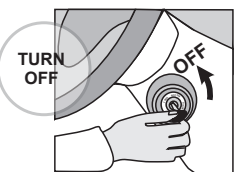
9



Turn the key to the Ignition ON/RUN position.
↳The YELLOW LED will turn on and off.
↳The RED LED will turn OFF.

↳WAIT, the BLUE LED to flash rapidly.

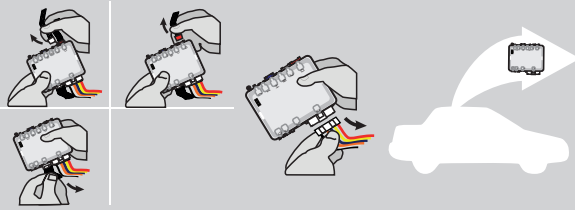
10



Turn the key to the OFF position.
↳The RED and YELLOW LEDs will alternate.

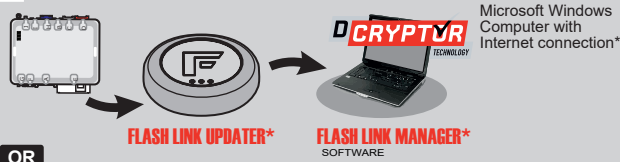
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



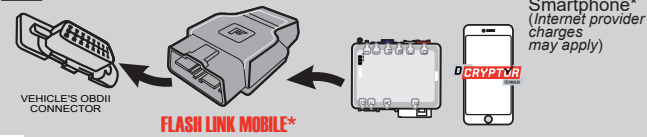
Disconnect all connectors and after the 6-Pin (Main-Harness) or the 4-Pin Data-link connector.

12



Microsoft Windows Computer with Internet connection*

OR

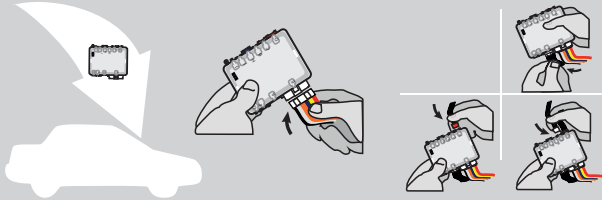


Smartphone* (Internet provider charges may apply)

Use the tool:
FLASH LINK UPDATER or
FLASH LINK MOBILE
to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and reconnect the 6-Pin (Main-Harness) or the 4-pins (Data-Link) connector and after all the remaining connector.



The module is now programmed.



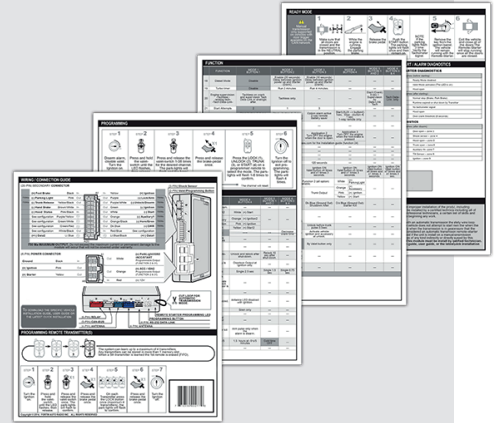
REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER PROGRAMMING PROCEDURE



REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



REMOTE STARTER FUNCTIONALITY



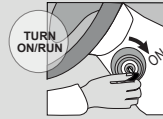
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)															
		Immobilizer bypass	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Horn	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	R.S. OEM remote Stand Alone compatible
FORD																	
Expedition	80-bits (SA KEY)	2015-2017	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

BYPASS FIRMWARE VERSION

71.[52]

FORD MINIMUM

To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately.

	UNIT OPTION	DESCRIPTION
<p>Program bypass option:</p>	A5	<div style="background-color: green; color: white; padding: 5px; display: inline-block; margin-bottom: 5px;">ON</div> AUX.1 By default with OEM alarm
		<div style="background-color: red; color: white; padding: 5px; display: inline-block;">OFF</div> AUX.1 without OEM alarm

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	<div style="background-color: red; color: white; padding: 5px; display: inline-block;">OFF</div>	Hood trigger (Output Status).
	C1		OEM Remote status (Lock/Unlock) monitoring

	FUNCTION	MODE	DESCRIPTION
<p>Program remote starter option:</p>	31	4	(+) Parking Light (E1) (+) Accessory (E2)
<p>Program remote starter option for R.S. OEM REMOTE STAND ALONE:</p>	38	2	Enable Press 3x Lock to remote start with the OEM remote.
	18	3	Enable (10 seconds) delay between Ignition power up and Starter (crank)

MANDATORY INSTALL

*** HOOD PIN**

HOOD STATUS: THE HOOD PIN SWITCH (INCLUDED) MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

SECURITY STICKER

Included

Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION |



Parts required (Not included)

2x Key for programming

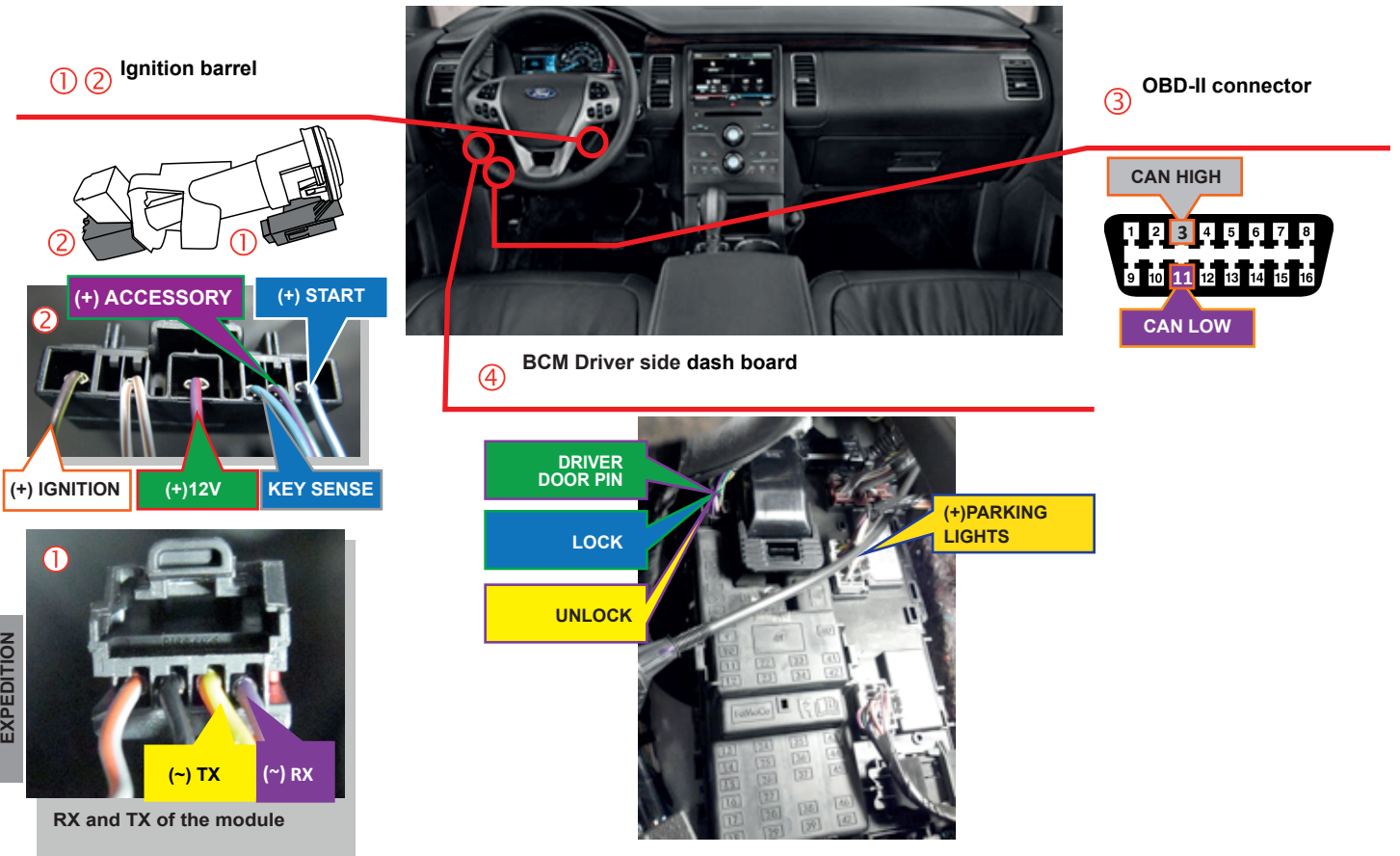
Parts required (Not included) PAGE

WIRE TO WIRE DIAGRAM

	1x 7.5 Amp. fuse 3x 1Amp. Fuse	Page 3
--	-----------------------------------	--------

THARNES DIAGRAM

THARNES THAR-FOR4	1x THAR-FOR4 1x 7.5 Amp. fuse	Page 4
THARNES THAR-FOR1	1x THAR-FOR1 1x 7.5 Amp. fuse 1x 1Amp. Fuse	Page 5



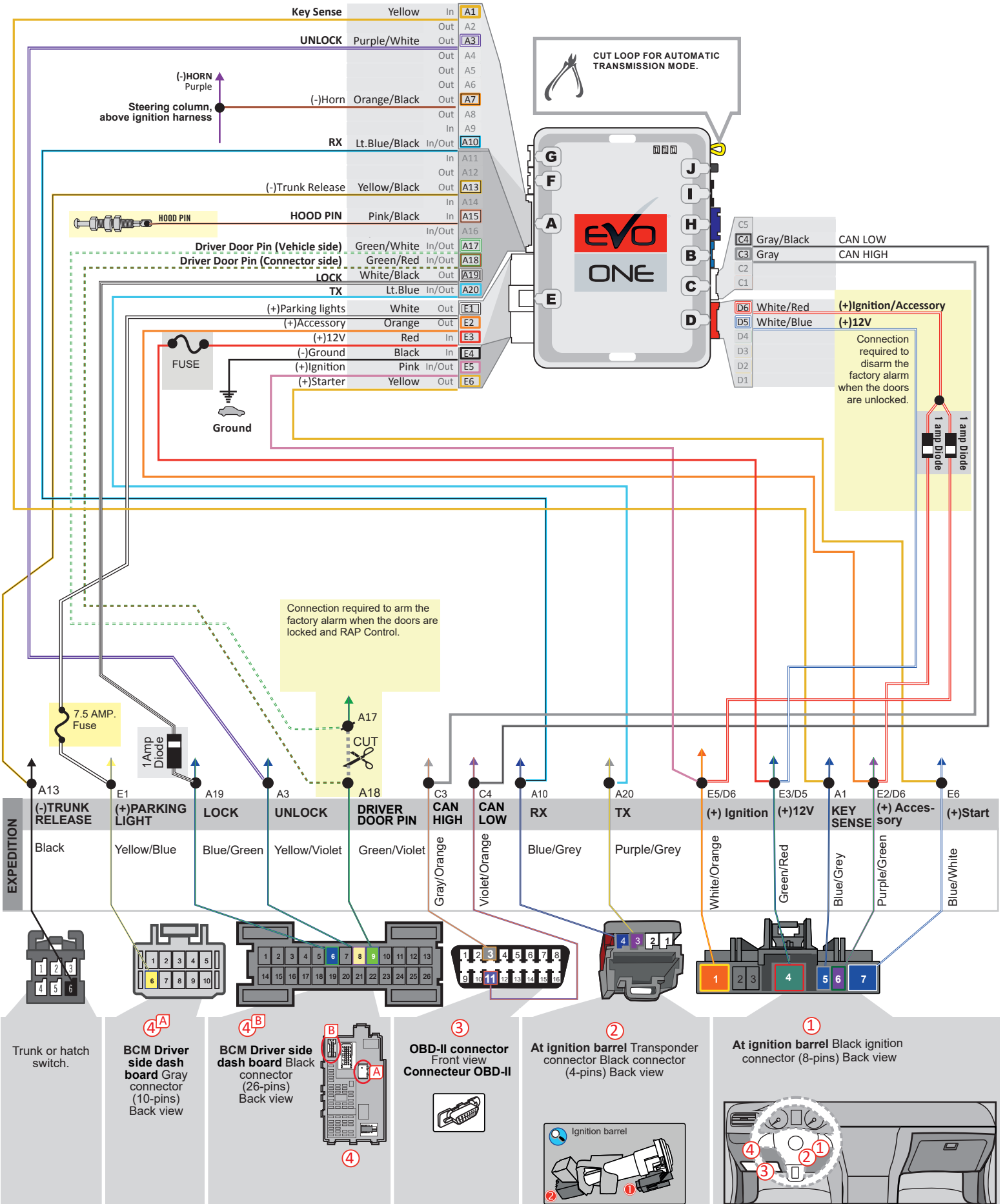
T-HARNESS: 12V BATTERY

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

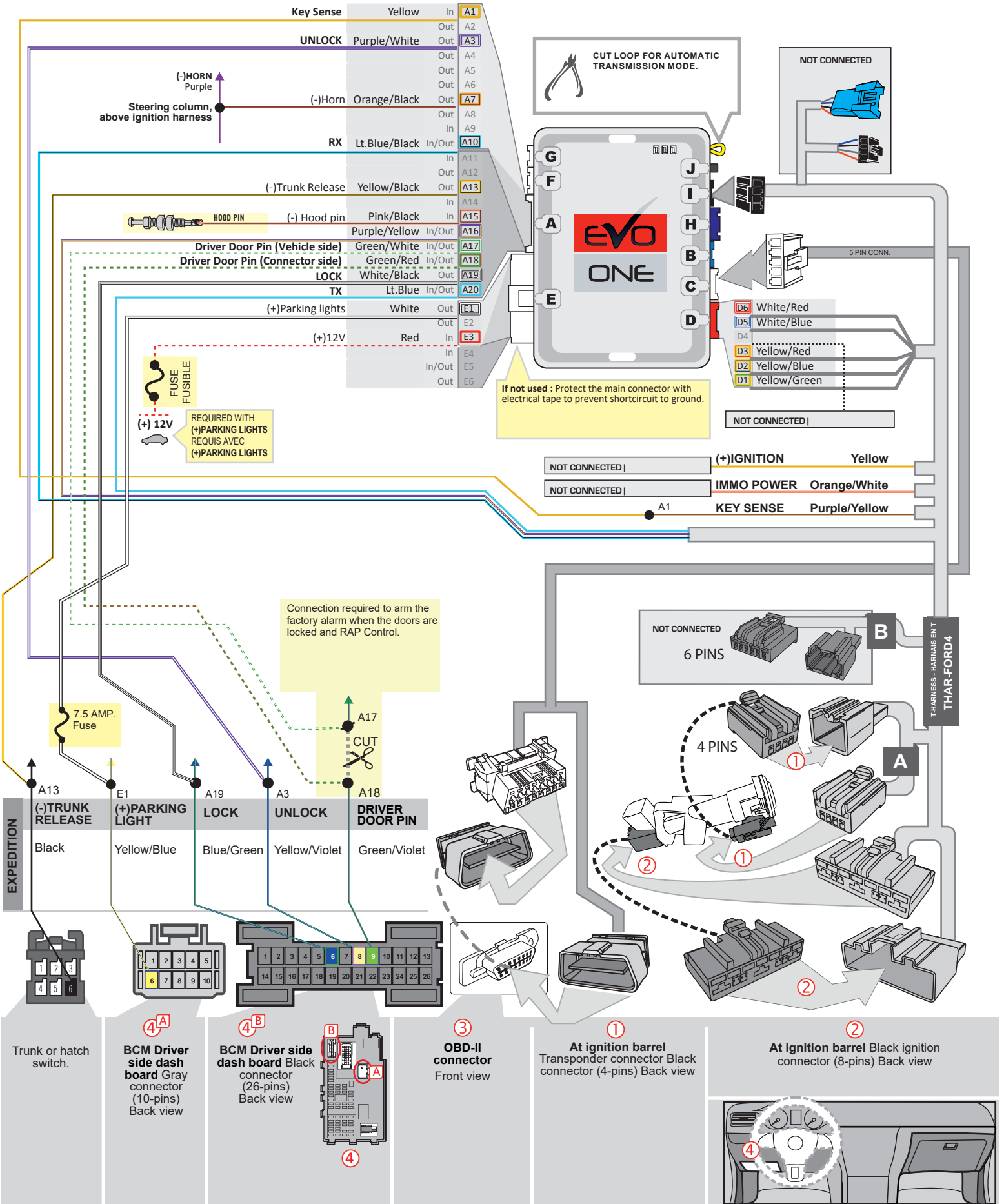
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

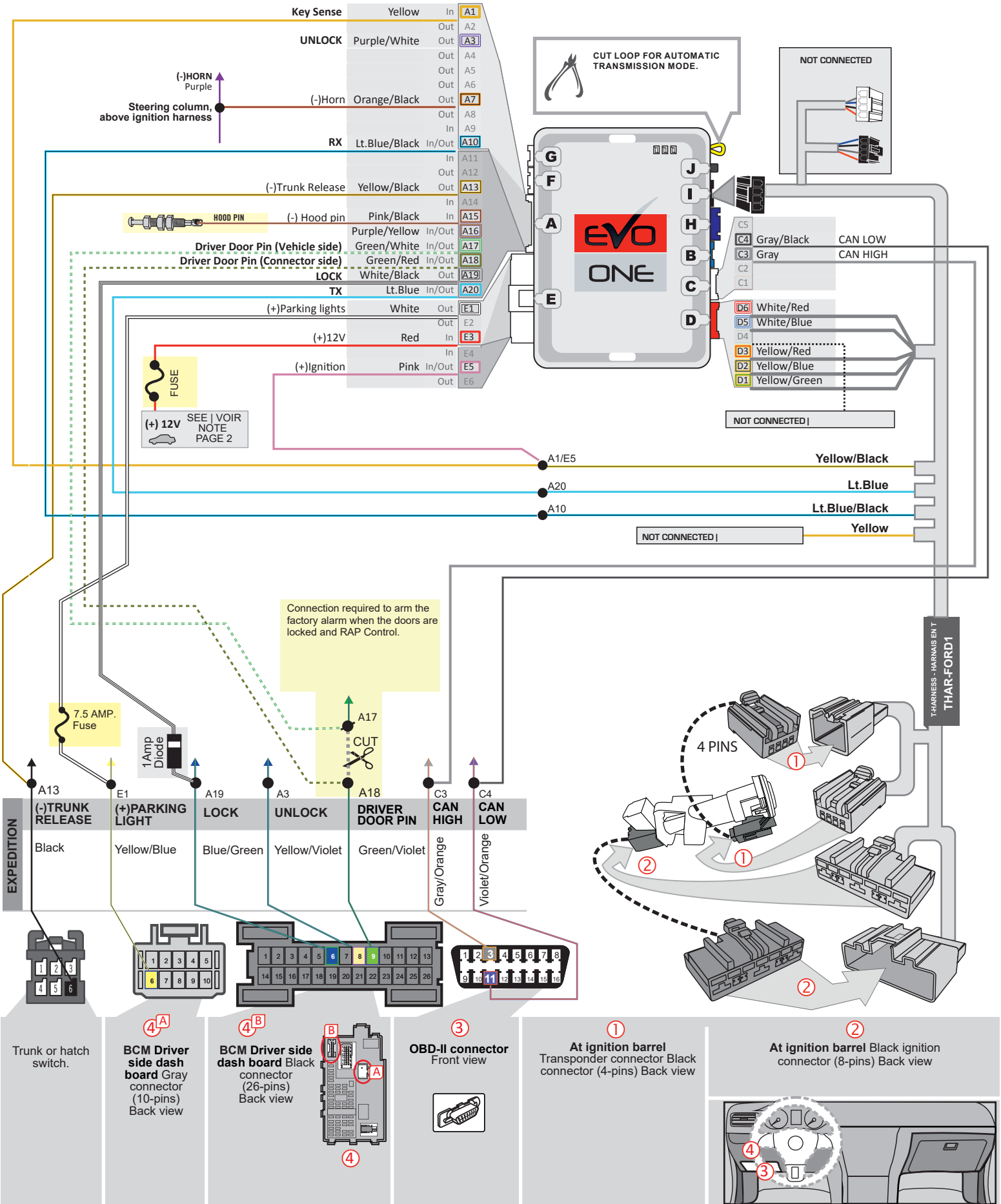
WIRING CONNECTION |



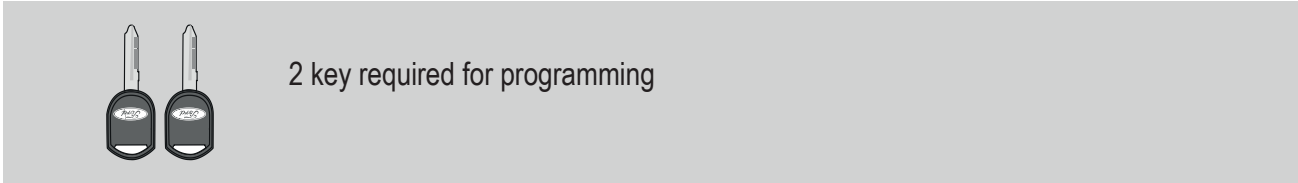
THAR-FOR4 - INSTALLATION WIRING



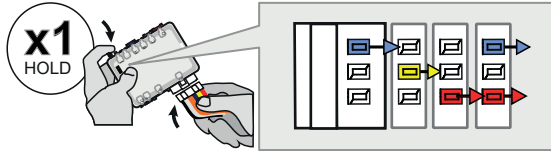
THAR-FOR1 - INSTALLATION WIRING |



KEY BYPASS PROGRAMMING PROCEDURE 1/2 |



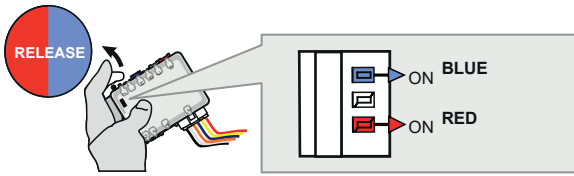
1



Press and hold the programming button:
Insert the 6-Pin Main connector.

The LED will alternate between BLUE, YELLOW, RED, BLUE, YELLOW and RED flashes.

2

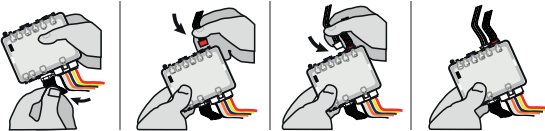


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 6-Pin connector (Main-Harness) and go back to step 1.

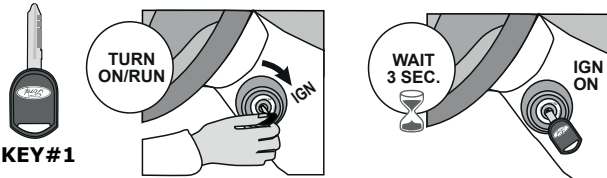


3



Insert the required remaining connectors.

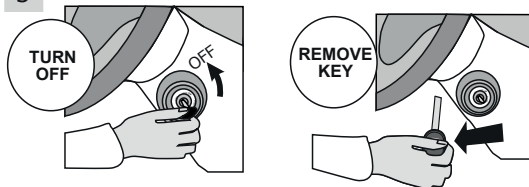
4



Turn the first functional key to the ON/RUN position.

Wait 3 seconds.

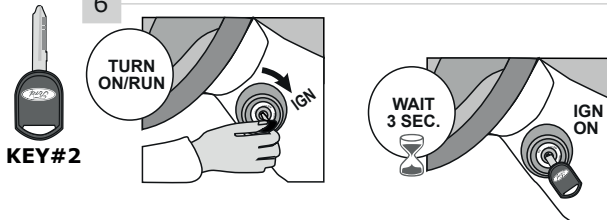
5



Turn the ignition to the OFF position

and remove the first key.

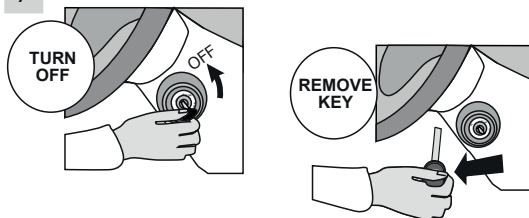
6



Turn the second functional key to the ON/RUN position.

Wait 3 seconds.

7

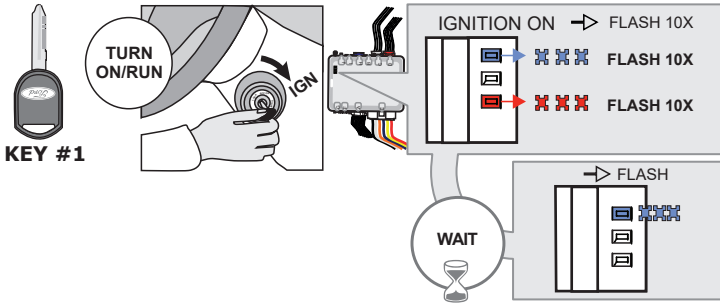


Turn the ignition to the OFF position

and remove the second key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2 |

8



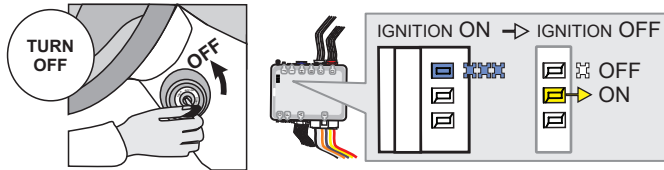
Turn the key to the Ignition ON/RUN position.

↳ The RED AND BLUE LEDs will flash rapidly ten (10) times.
Key bypass programmed.

Wait

↳ The BLUE LED will flash rapidly.
CAN-Bus programmed.

9



Turn the Ignition to the OFF position.

↳ The BLUE LED will turn off.
↳ The YELLOW LED will turn on.



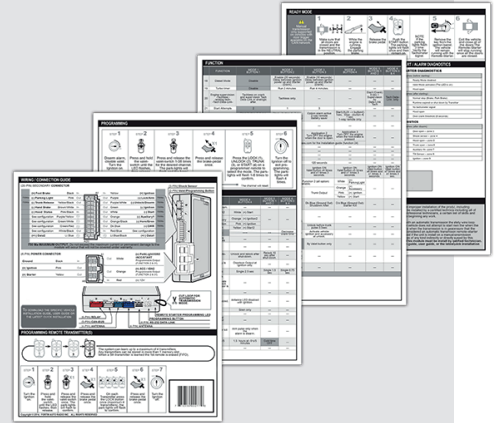
The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER PROGRAMMING PROCEDURE |



REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



REMOTE STARTER FUNCTIONALITY |



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.




Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 INSTALLATION
ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)														
		Immobilizer bypass	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Horn	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD																
Explorer	80-bits (SA KEY) 2011-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



BYPASS FIRMWARE VERSION

71.[52]

FORD MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

Program bypass option:	UNIT OPTION	DESCRIPTION
	A5	ON
OFF		AUX.1 without OEM alarm

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	OFF	Hood trigger (Output Status).
	C1		OEM Remote status (Lock/Unlock) monitoring

Program remote starter option:	FUNCTION	MODE	DESCRIPTION
	31	4	
Program remote starter option for R.S. OEM REMOTE STAND ALONE:	38	2	Enable Press 3x Lock to remote start with the OEM remote.
	32	5	D.k Blue (Ground Out): Arm / Rearm
	34	3	Trunk output : Unlock before trunk pulse 0.5 sec

MANDATORY INSTALL

*** HOOD PIN**



HOOD STATUS: THE HOOD PIN SWITCH (INCLUDED) MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11

OFF

SECURITY STICKER



Included

Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

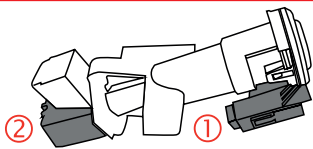
DESCRIPTION



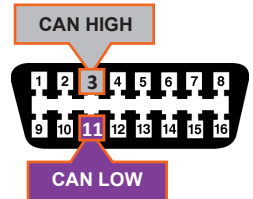
Parts required (Not included)

2x Key for programming

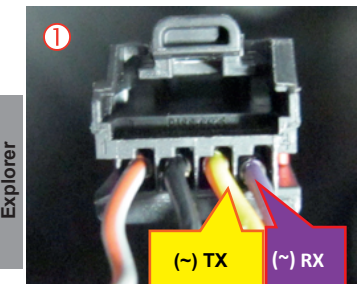
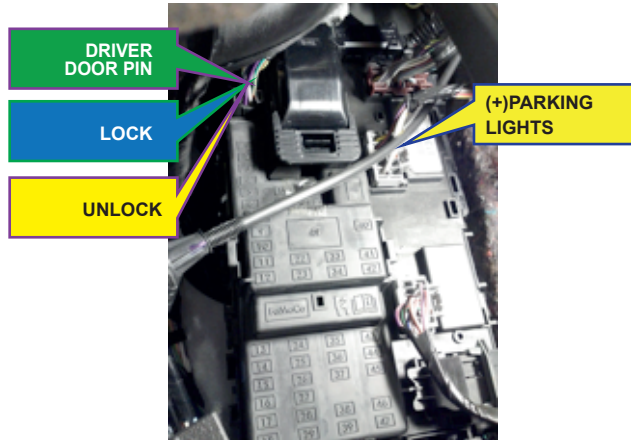
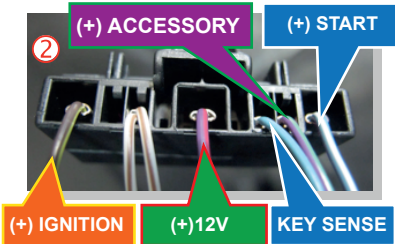
① ② Ignition barrel



③ OBD-II connector



④ BCM Driver side dash board



RX and TX of the module
RX et TX du module

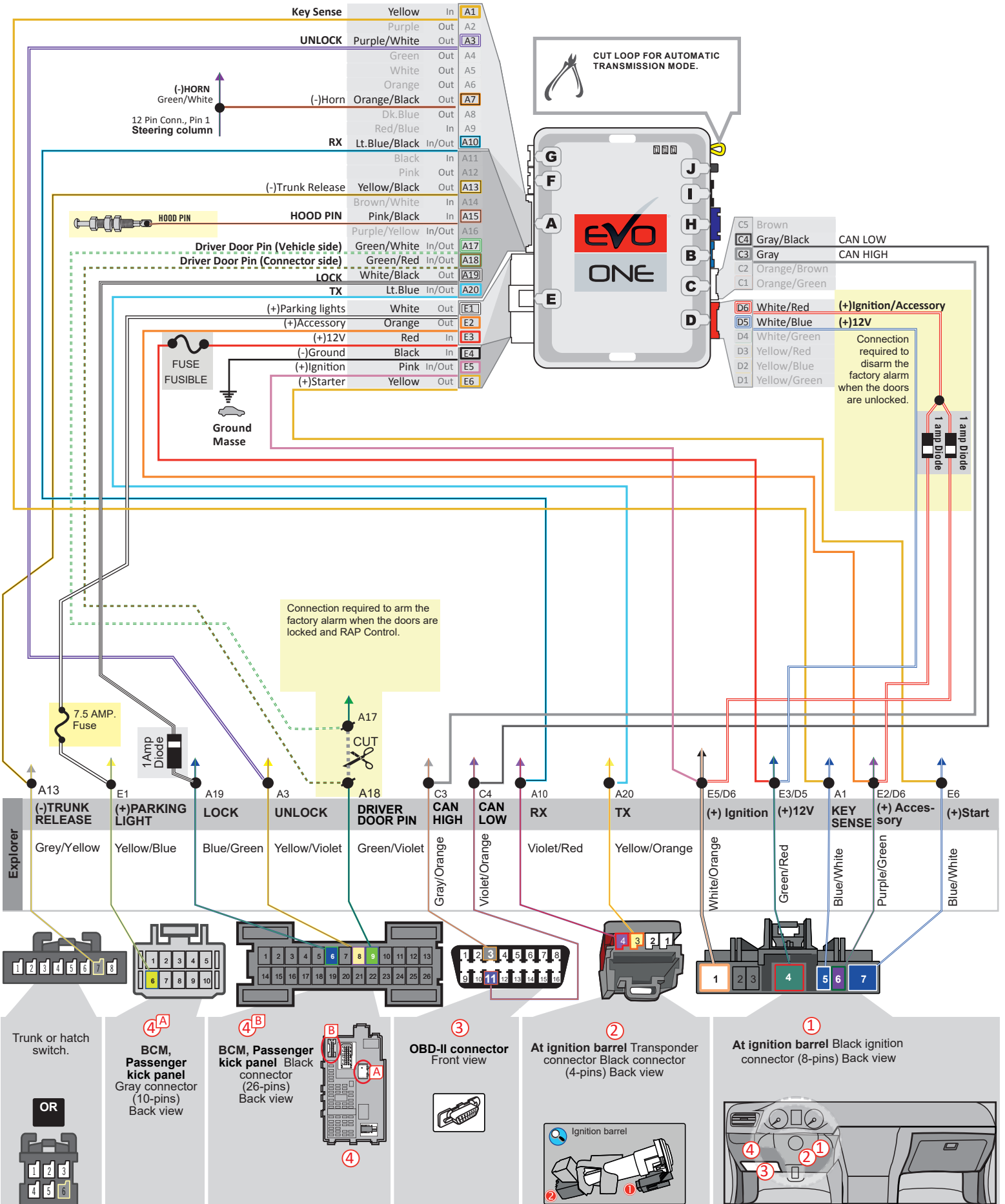
T-HARNESS: 12V BATTERY

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

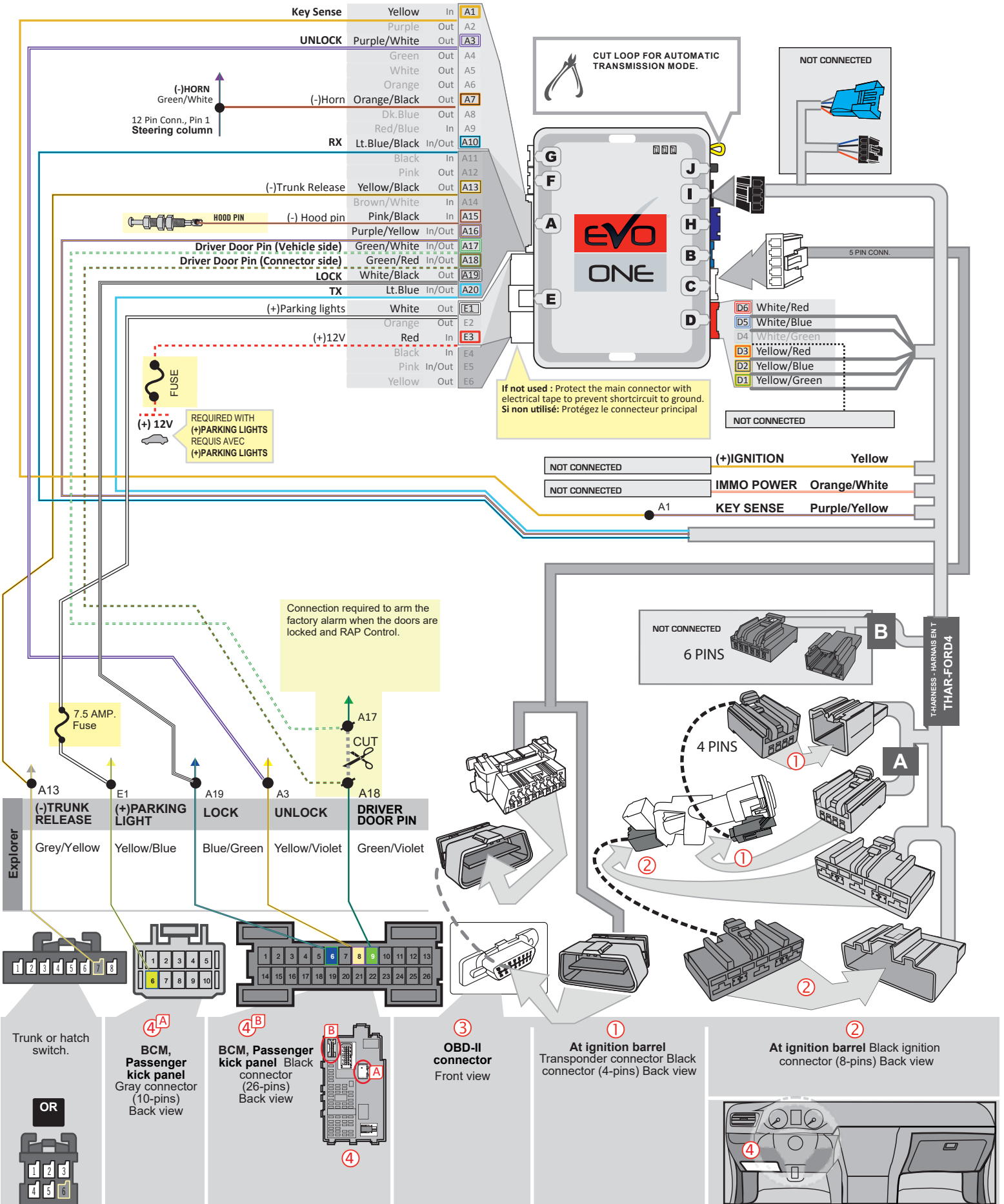
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

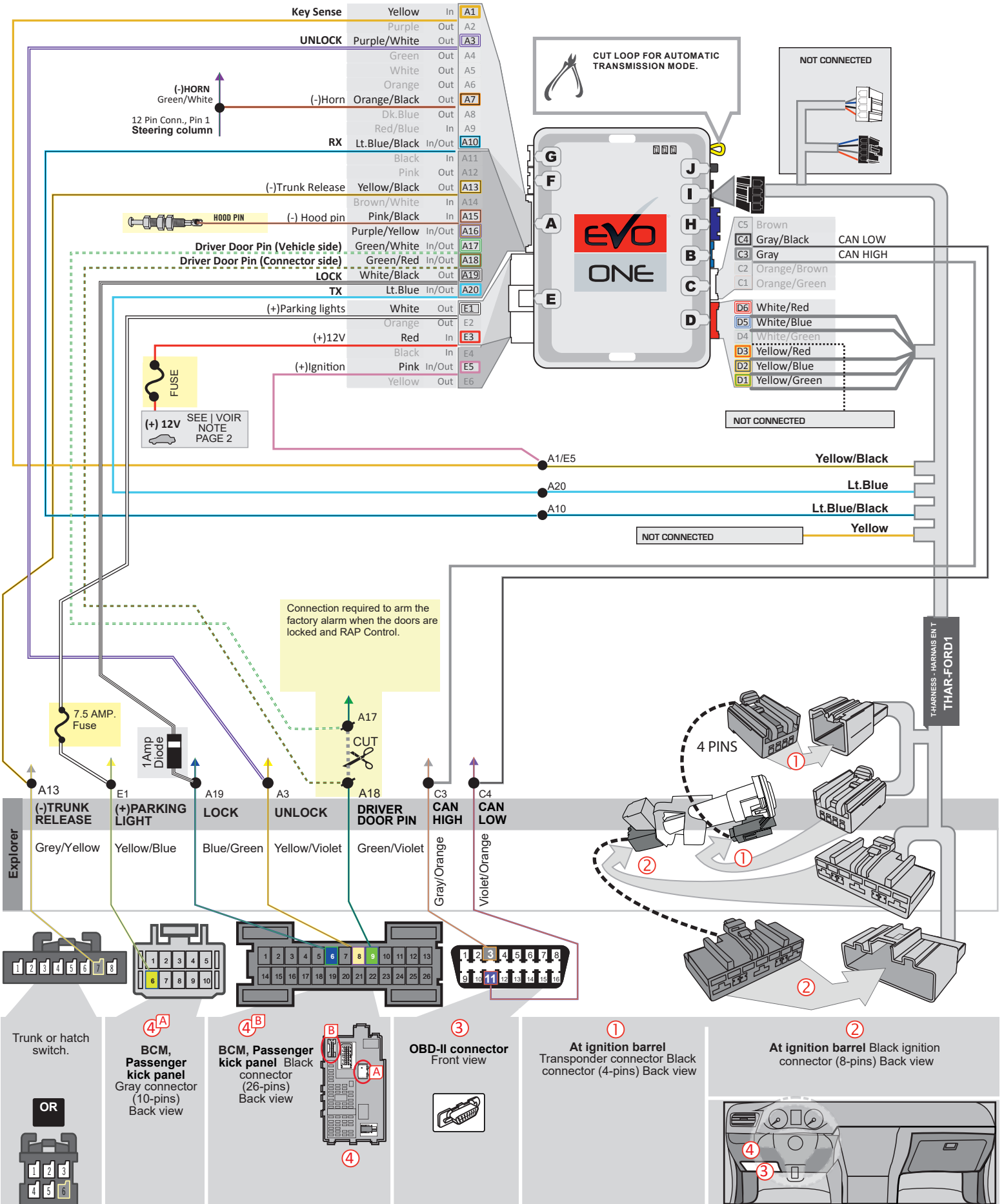
WIRING CONNECTION



THAR-FOR4 - INSTALLATION WIRING



THAR-FOR1 - INSTALLATION WIRING

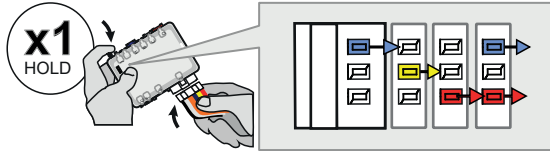


KEY BYPASS PROGRAMMING PROCEDURE 1/2



2 key required for programming

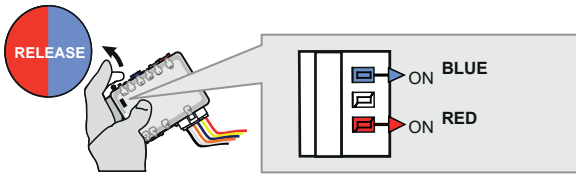
1



Press and hold the programming button:
Insert the 6-Pin Main connector.

↳ The LED will alternate between BLUE, YELLOW, RED, BLUE, YELLOW and RED flashes.

2

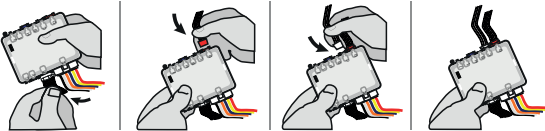


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 6-Pin connector (Main-Harness) and go back to step 1.

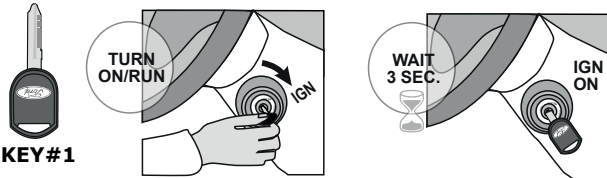


3



Insert the required remaining connectors.

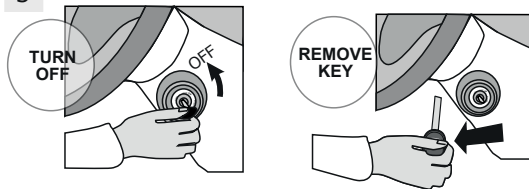
4



Turn the first functional key to the ON/RUN position.

Wait 3 seconds.

5



Turn the ignition to the OFF position

and **remove the first key.**

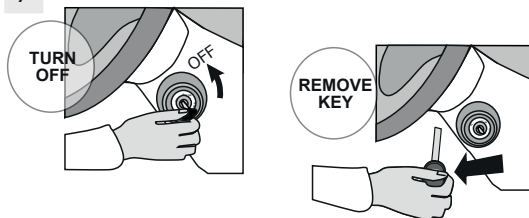
6



Turn the second functional key to the ON/RUN position.

Wait 3 seconds.

7

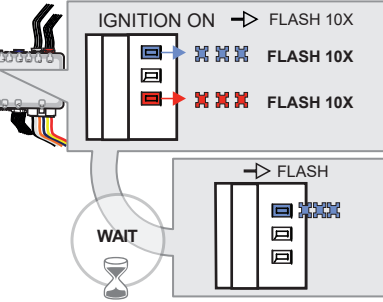
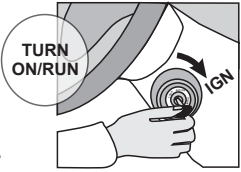


Turn the ignition to the OFF position

and **remove the second key.**

KEY BYPASS PROGRAMMING PROCEDURE 2/2

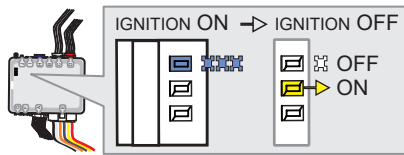
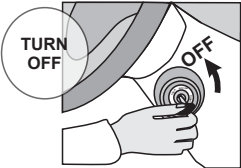
8



Turn the key to the Ignition ON/RUN position.
 ↳ The RED AND BLUE LEDs will flash rapidly ten (10) times.
 Key bypass programmed.

Wait
 ↳ The BLUE LED will flash rapidly.
 CAN-Bus programmed.

9



Turn the Ignition to the OFF position.
 ↳ The BLUE LED will turn off.
 ↳ The YELLOW LED will turn on.



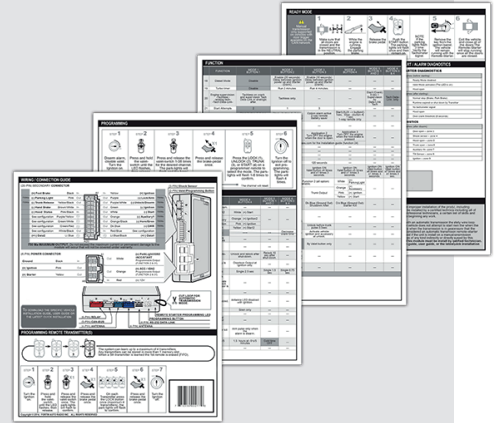
The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER PROGRAMMING PROCEDURE





REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



REGULAR, THAR-FOR4 & THAR-FOR1 INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

	Vehicle functions supported in this diagram (functional if equipped)																		
	Immobilizer bypass	T-harness available (Sold separately)	Lock	Unlock	Arm	Disarm	RAP Disable	Trunk Release	Horn	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	R.S. OEM remote Stand Alone compatible	
FORD																			
Flex	40-bits	2009-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



BYPASS FIRMWARE VERSION

71.[52]

FORD MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

UNIT OPTION	DESCRIPTION	
	A5	ON
OFF		AUX.1 without OEM alarm
A11	OFF	Hood trigger (Output Status).
C1		OEM Remote status (Lock/Unlock) monitoring

FUNCTION	MODE	DESCRIPTION
31	4	(+) Parking Light (E1) (+) Accessory (E2)
38	2	Enable Press 3x Lock to remote start with the OEM remote.
34	3	Trunk output : Unlock before trunk pulse 0.5 sec

MANDATORY INSTALL

* HOOD PIN



HOOD STATUS : THE HOOD PIN SWITCH (INCLUDED) MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

SECURITY STICKER



Included

Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

Parts required (Not included)

PAGE

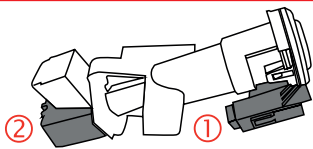
WIRE TO WIRE DIAGRAM | SCHÉMA DE BRANCHEMENTS FIL À FIL

	1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm) 1x 1Amp. Diodes (without OEM alarm)	Page 3
--	---	--------

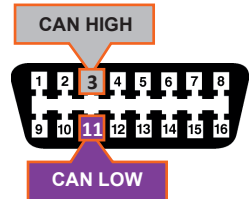
THARNNESS DIAGRAM

THARNNESS THAR-FORD4	1x THAR-FOR4 1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm)	Page 4
THARNNESS THAR-FORD1	1x THAR-FOR1 1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm) 1x 1Amp. Diodes (without OEM alarm)	Page 5

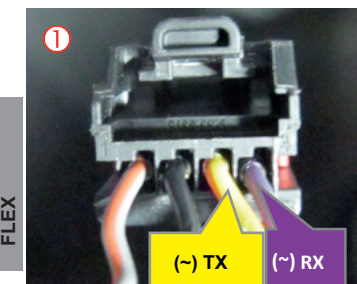
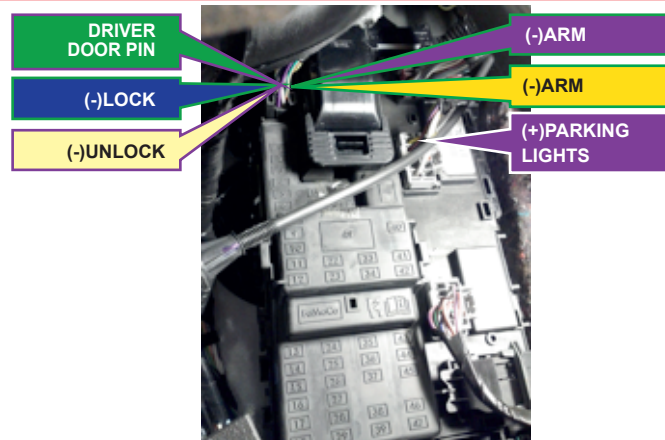
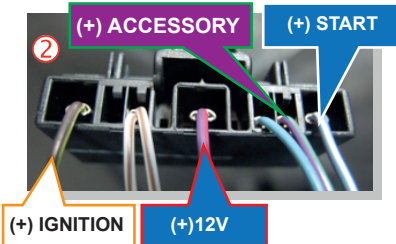
① ② Ignition barrel



③ OBD-II connector



④ BCM Driver side dash board



RX and TX of the module
RX et TX du module

T-HARNESS: 12V BATTERY

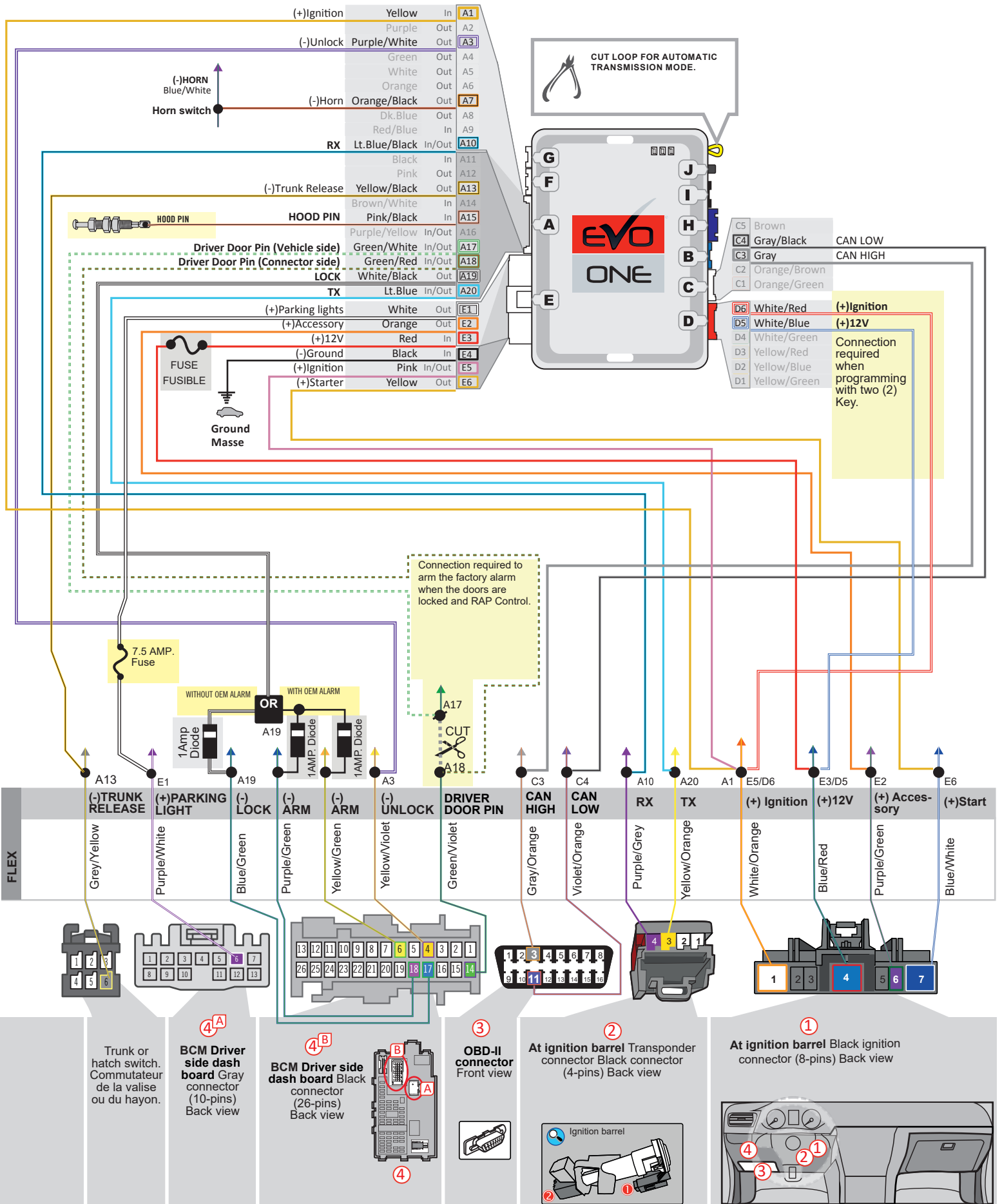


ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

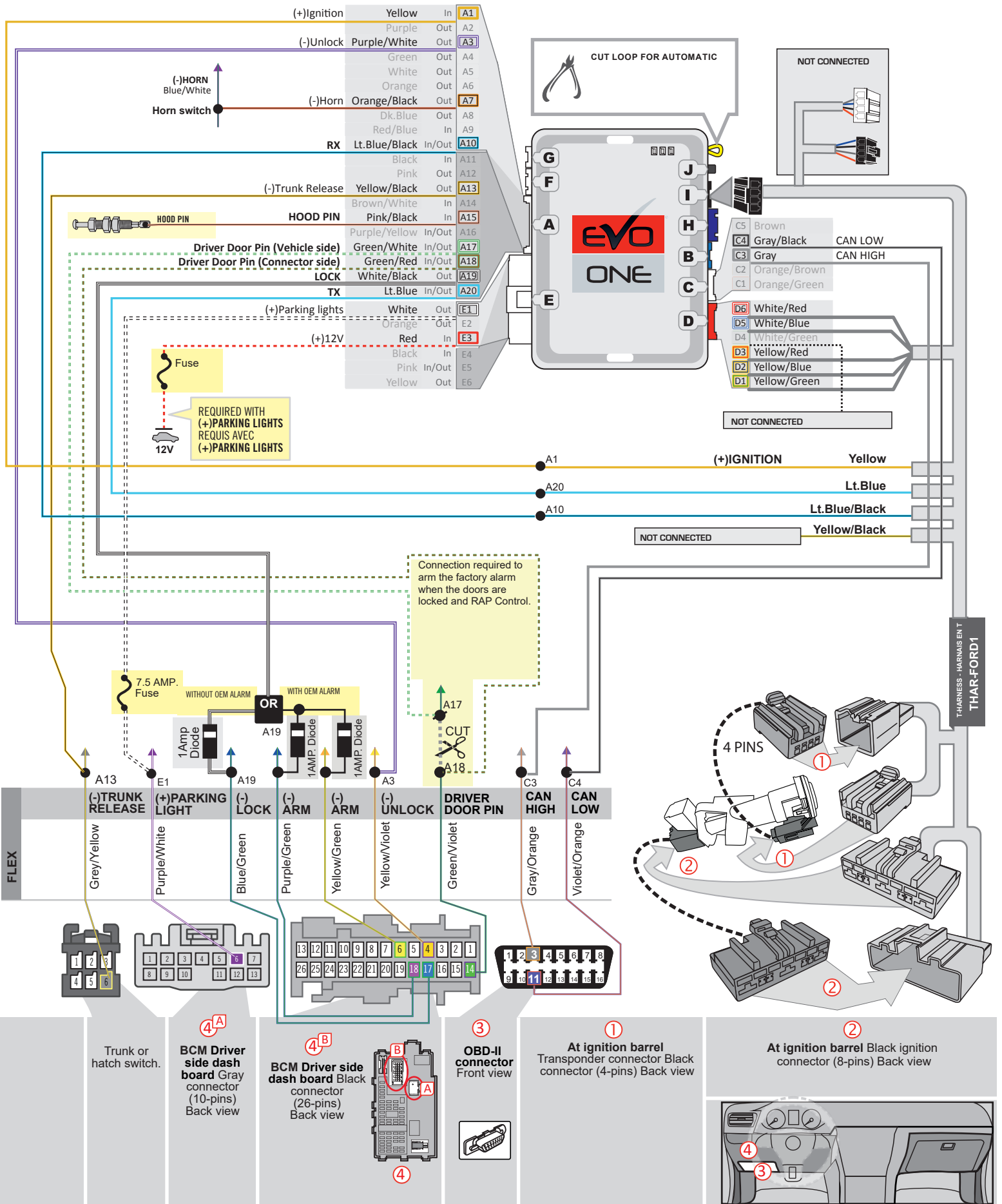
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

WIRING CONNECTION



THAR-FOR1 - INSTALLATION WIRING



KEY BYPASS PROGRAMMING PROCEDURE

Choose between :

KEY #1
CLÉ #1

KEY #2

2 key programming.

KEY #1

DCRYPTOR
TECHNOLOGY

DCRYPTOR and 1 key programming.

2 KEY REQUIRED

1

x1 HOLD

Press and hold the programming button:
Insert the 6-Pin Main connector.

WITH T-HARNESS

x1 HOLD

Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

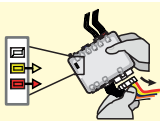
↳ The LEDs will alternate between BLUE, RED, YELLOW & BLUE/RED flashes.

2

RELEASE

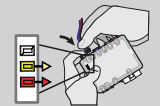
ON RED ROUGE

If the LED is not solid RED disconnect the 6 Pin connector (Main-Harness) and go back to step 1.



WITH T-HARNESS AVEC HARNAIS EN T

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



3

Insert the required remaining connectors.

4

TURN ON/RUN

IGN ON

WAIT 3 SEC.

KEY #1

Turn the first functional key to the ON/RUN position.

Wait 3 seconds.

5

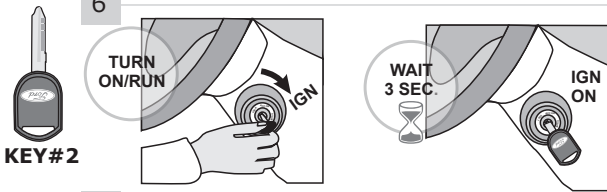
TURN OFF

REMOVE KEY

Turn the ignition to the OFF position

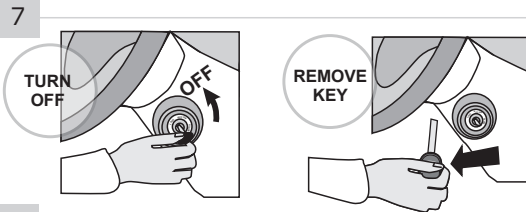
and remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

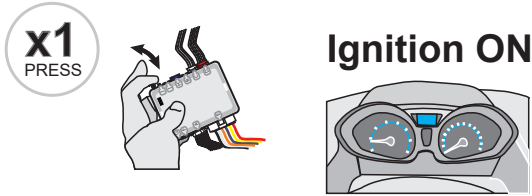


Turn the key to the OFF position.

Remove the second key.

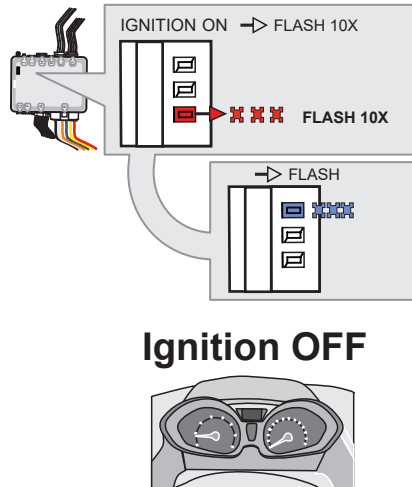
8

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.



Press and release the programming button.

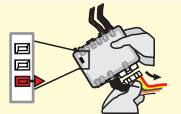
The vehicle ignition turn ON.



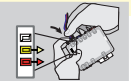
↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



WITH T-HARNESS If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

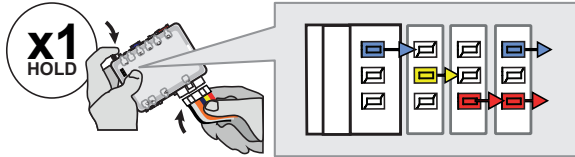
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- Smartphone *Android* or *iOS* with Internet connection
(Internet provider charges may apply)

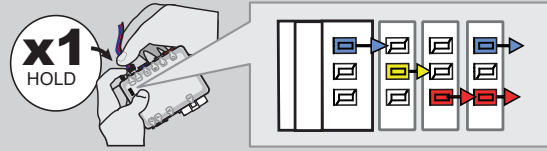
BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

1



Press and hold the programming button:
Insert the 6-Pin Main connector.

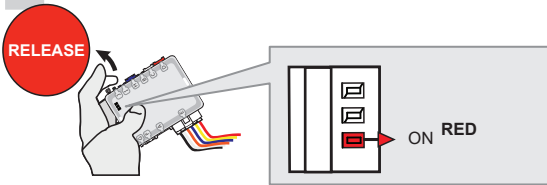
WITH T-HARNESS



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

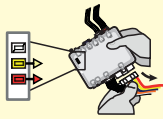
↳ The LEDs will alternate between BLUE, RED, YELLOW & BLUE/RED flashes.

2



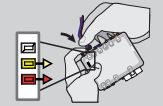
Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 6 Pin connector (Main-Harness) and go back to step 1.

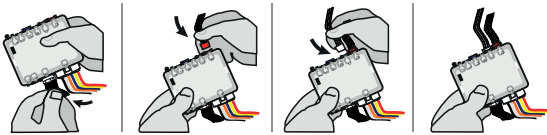


WITH T-HARNESS

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

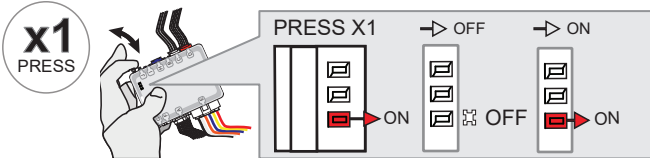


3



Insert the required remaining connectors.

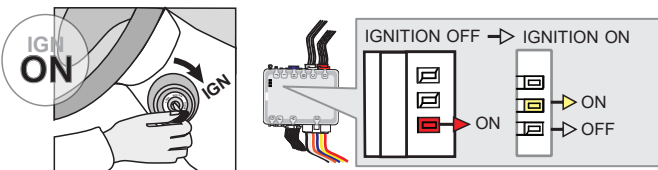
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



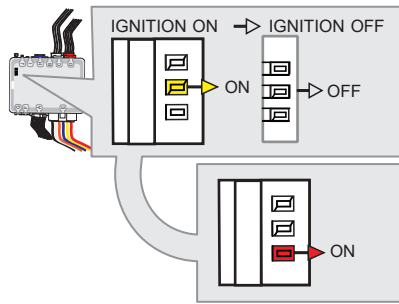
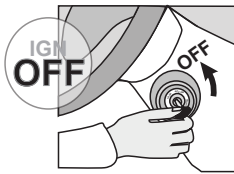
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

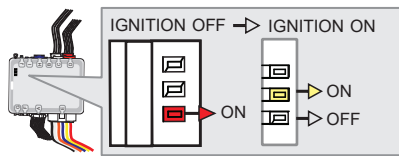
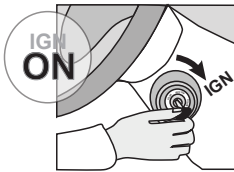
6



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

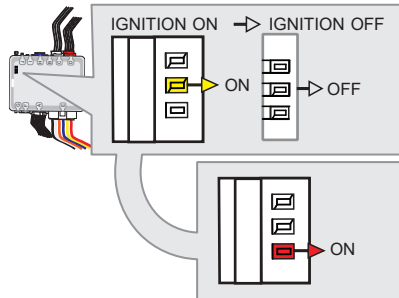
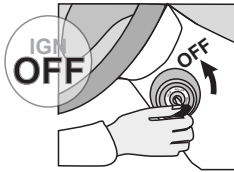
↳The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳The RED LED will turn OFF.
↳The YELLOW LED will turn on.

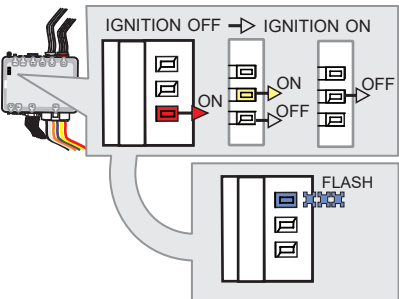
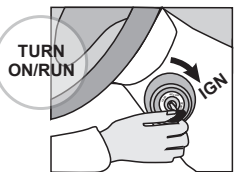
8



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

↳The RED LED will turn on.

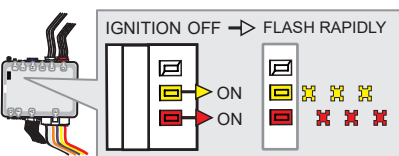
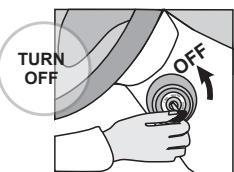
9



Turn the key to the Ignition ON/RUN position.
↳The YELLOW LED will turn on and off.
↳The RED LED will turn OFF.

↳WAIT, the BLUE LED to flash rapidly.

10

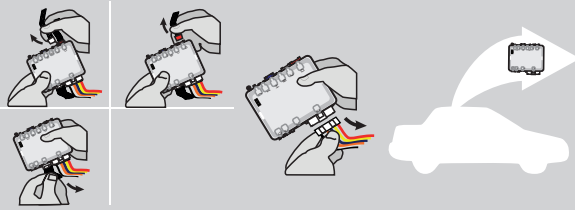


Turn the key to the OFF position.

↳The RED and YELLOW LEDs will alternate.

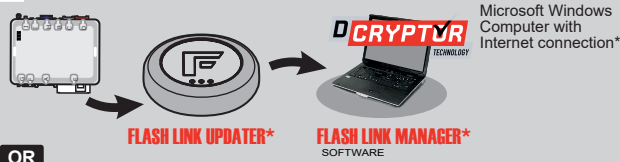
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



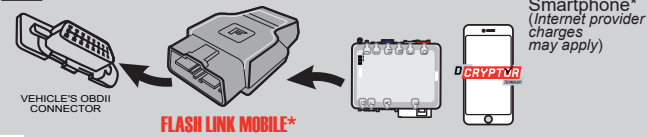
Disconnect all connectors and after the 6-Pin (Main-Harness) or the 4-Pin Data-link connector.

12



Microsoft Windows Computer with Internet connection*

OR

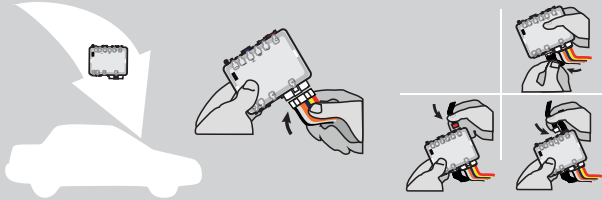


Smartphone* (Internet provider charges may apply)

Use the tool:
FLASH LINK UPDATER or
FLASH LINK MOBILE
to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and reconnect the 6-Pin (Main-Harness) or the 4-pins (Data-Link) connector and after all the remaining connector.



The module is now programmed.



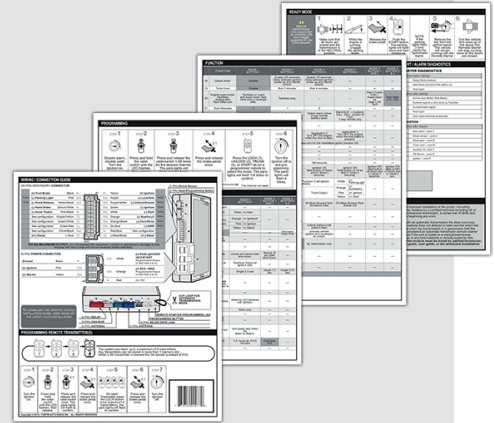
REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER PROGRAMMING PROCEDURE



REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



REMOTE STARTER FUNCTIONALITY



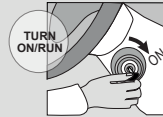
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.




The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)																
		Immobilizer bypass	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Trunk Release	Horn	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	R.S. OEM remote Stand Alone compatible
FORD																		
Flex	80-bits (SA KEY) 2013-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



BYPASS FIRMWARE VERSION

71.[52]

FORD MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

UNIT OPTION	DESCRIPTION	
	A5	ON
OFF		AUX.1 without OEM alarm

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	OFF	Hood trigger (Output Status).
	C1		OEM Remote status (Lock/Unlock) monitoring

FUNCTION	MODE	DESCRIPTION
		31
38	2	Enable Press 3x Lock to remote start with the OEM remote.
32	5	D.k Blue (Ground Out): Arm / Rearm
34	3	Trunk output : Unlock before trunk pulse 0.5 sec

MANDATORY INSTALL

*** HOOD PIN**



HOOD STATUS : THE HOOD PIN SWITCH (INCLUDED) MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11

OFF

SECURITY STICKER



Included

Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

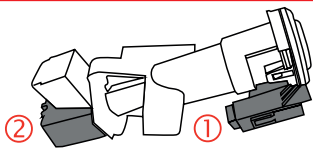
DESCRIPTION



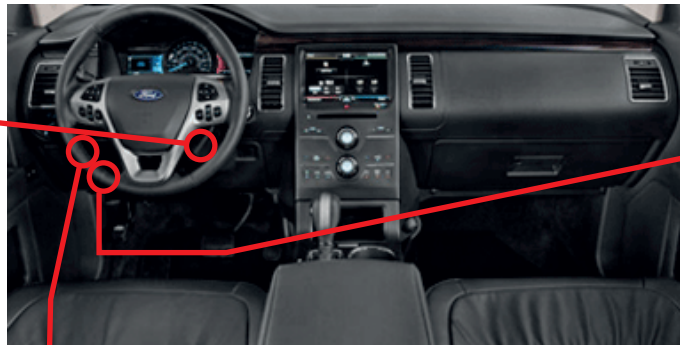
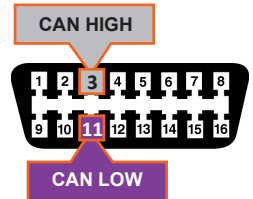
Parts required (Not included)

2x Key for programming

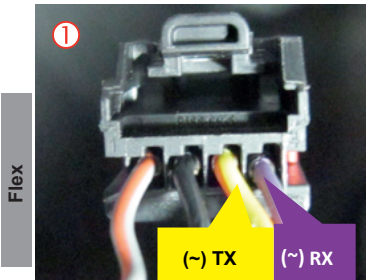
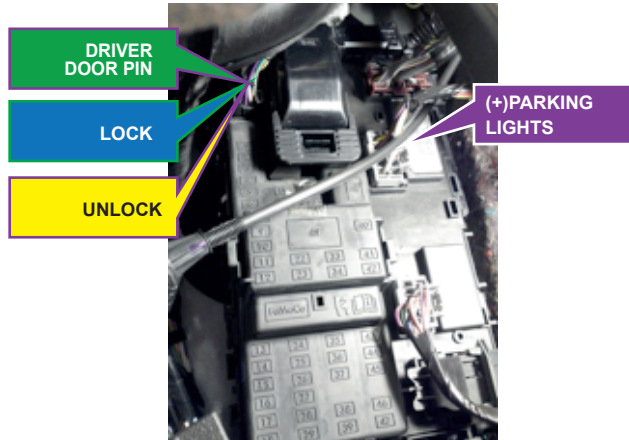
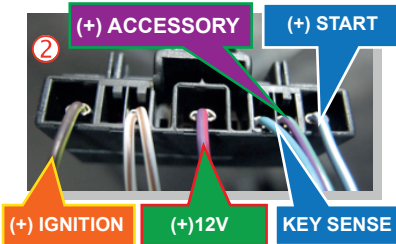
① ② Ignition barrel



③ OBD-II connector



④ BCM Driver side dash board



RX and TX of the module

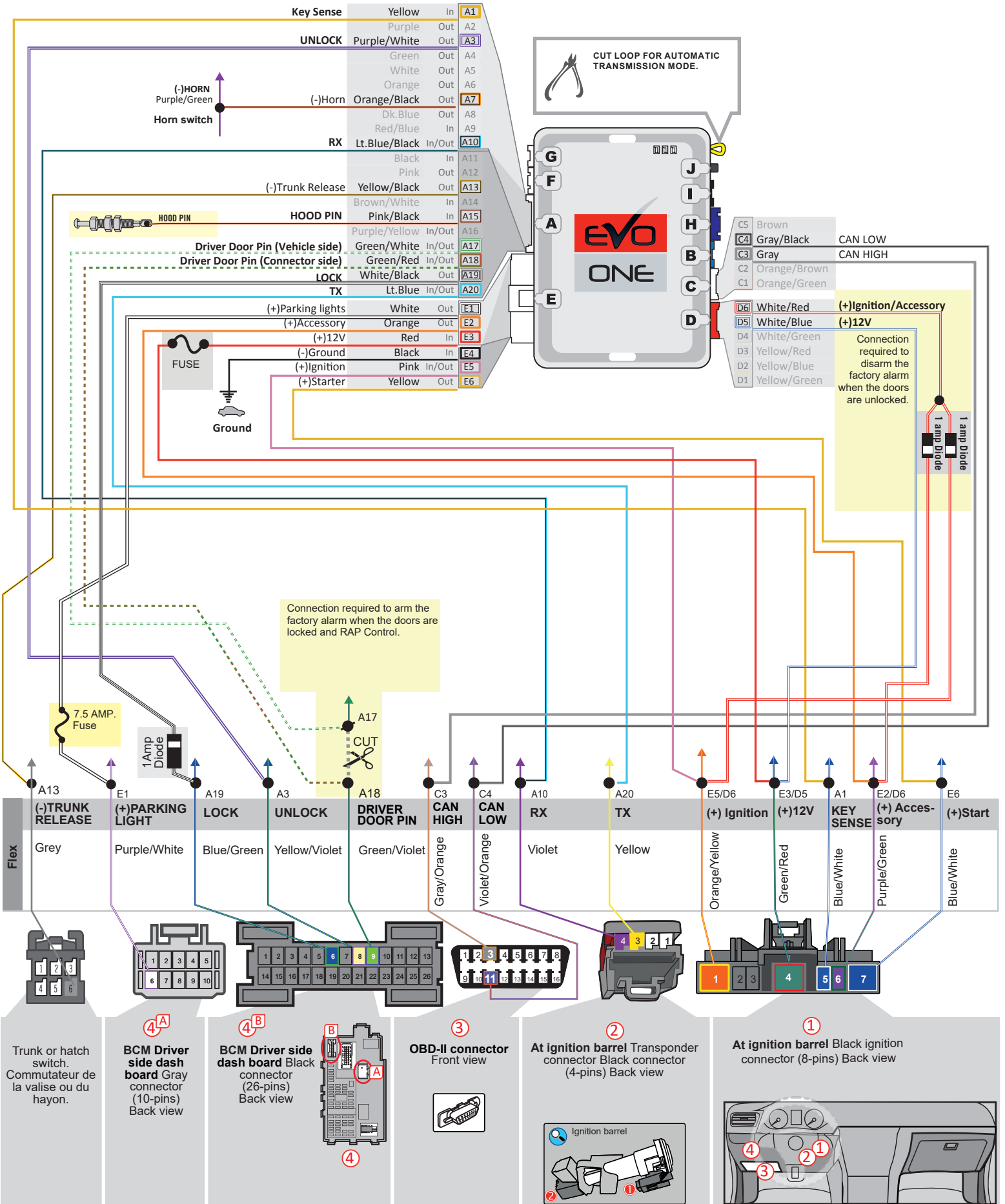
T-HARNESS: 12V BATTERY

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

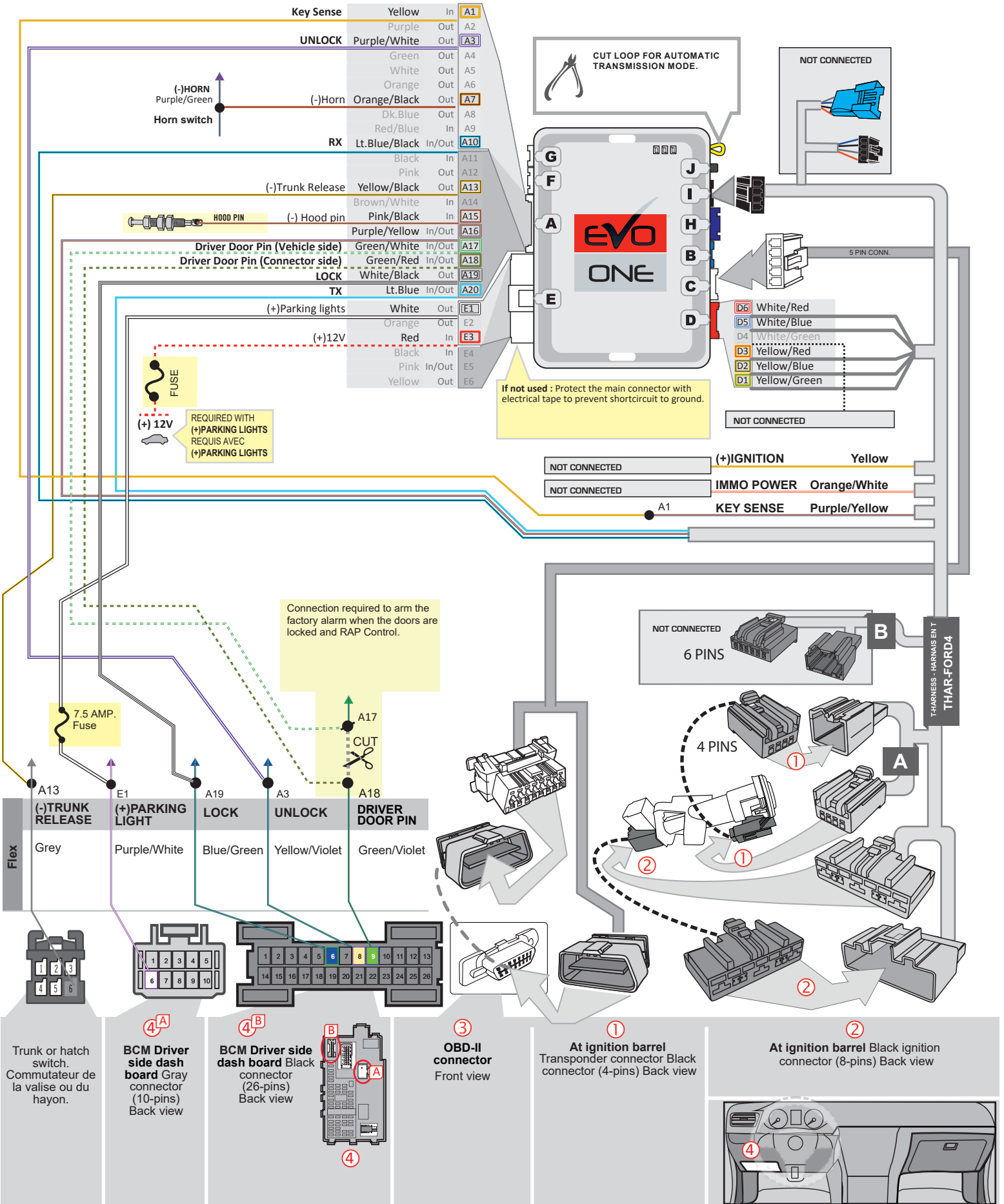
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

WIRING CONNECTION



THAR-FOR4 - INSTALLATION WIRING

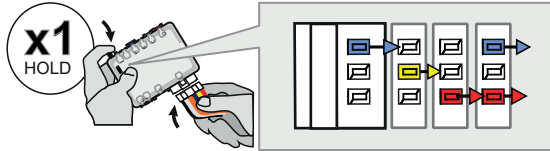


KEY BYPASS PROGRAMMING PROCEDURE 1/2



2 key required for programming

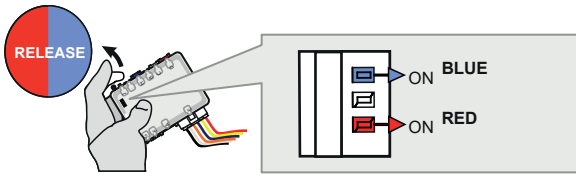
1



Press and hold the programming button:
Insert the 6-Pin Main connector.

↳ The LED will alternate between BLUE, YELLOW, RED, BLUE, YELLOW and RED flashes.

2



Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 6-Pin connector (Main-Harness) and go back to step 1.

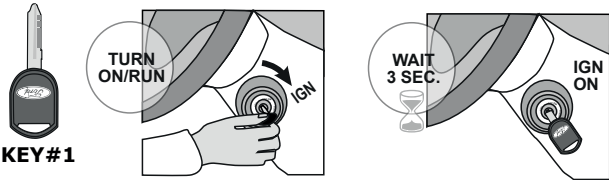


3



Insert the required remaining connectors.

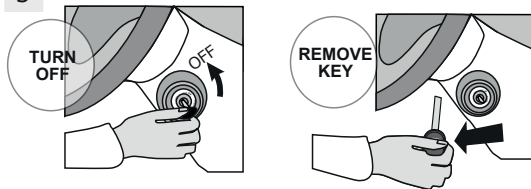
4



Turn the first functional key to the ON/RUN position.

Wait 3 seconds.

5



Turn the ignition to the OFF position

and remove the first key.

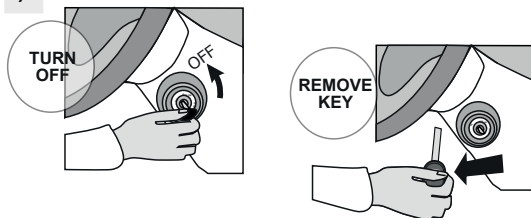
6



Turn the second functional key to the ON/RUN position.

Wait 3 seconds.

7

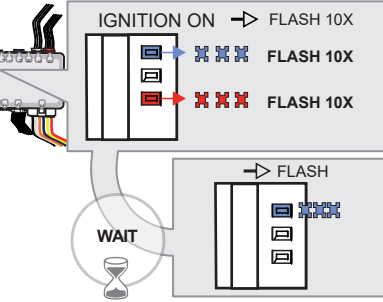
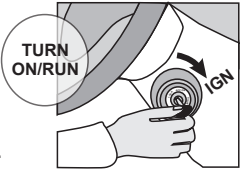


Turn the ignition to the OFF position

and remove the second key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2

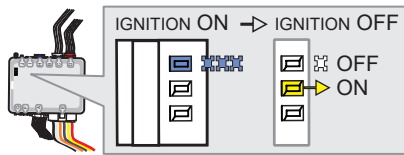
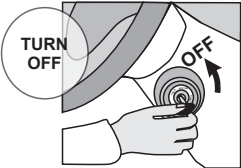
8



Turn the key to the Ignition ON/RUN position.
 ↳ The RED AND BLUE LEDs will flash rapidly ten (10) times.
 Key bypass programmed.

Wait
 ↳ The BLUE LED will flash rapidly.
 CAN-Bus programmed.

9



Turn the Ignition to the OFF position.
 ↳ The BLUE LED will turn off.
 ↳ The YELLOW LED will turn on.



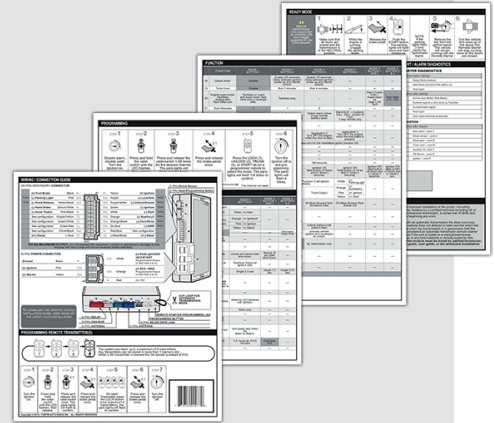
The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER PROGRAMMING PROCEDURE



REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



REMOTE STARTER FUNCTIONALITY



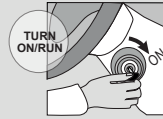
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 INSTALLATION
ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)														
		Immobilizer bypass	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Horn	Tachometer	Door Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	R.S. OEM remote Stand Alone compatible
FORD																
F150	80-bits (SA KEY)	2011-2014	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F250	80-bits (SA KEY)	2011-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F350	80-bits (SA KEY)	2011-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F450	80-bits (SA KEY)	2011-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F550	80-bits (SA KEY)	2011-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F650	80-bits (SA KEY)	2011-2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•

BYPASS FIRMWARE VERSION

71.[52]

FORD MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

		UNIT OPTION	DESCRIPTION
	Program bypass option:	A5	<div style="background-color: green; color: white; padding: 5px; display: inline-block; margin-bottom: 5px;">ON</div> AUX.1 By default with OEM alarm
		A5	<div style="background-color: red; color: white; padding: 5px; display: inline-block; margin-bottom: 5px;">OFF</div> AUX.1 without OEM alarm
IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:		A11	<div style="background-color: red; color: white; padding: 5px; display: inline-block; margin-bottom: 5px;">OFF</div> Hood trigger (Output Status).
		C1	OEM Remote status (Lock/Unlock) monitoring

	FUNCTION	MODE	DESCRIPTION
	Program remote starter option:		
	31	4	(+) Parking Light (E1) (+) Accessory (E2)
Program remote starter option for R.S. OEM REMOTE STAND ALONE:			
38	2	Enable Press 3x Lock to remote start with the OEM remote.	
18	3	Enable (10 seconds) delay between Ignition power up and Starter (crank)	

MANDATORY INSTALL
*** HOOD PIN**


HOOD STATUS: THE HOOD PIN SWITCH (INCLUDED) MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

SECURITY STICKER


Included

Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION



Parts required (Not included)

2x Key for programming

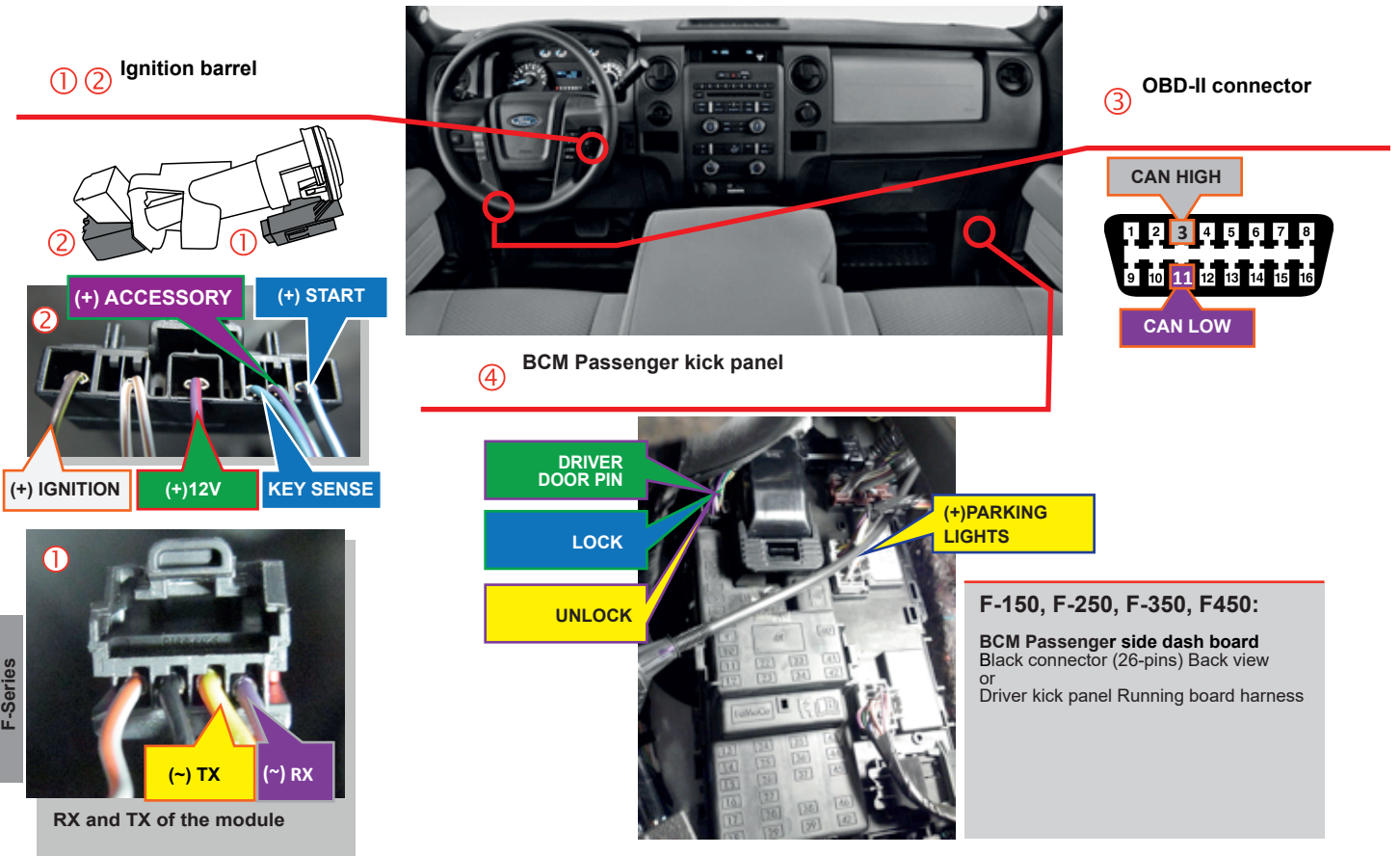
Parts required (Not included) PAGE

WIRE TO WIRE DIAGRAM

	1x 7.5 Amp. fuse 3x 1Amp. Fuse	Page 3
--	-----------------------------------	--------

THARNES DIAGRAM

THARNES THAR-FOR4	1x THAR-FOR4 1x 7.5 Amp. fuse	Page 4
THARNES THAR-FOR1	1x THAR-FOR1 1x 7.5 Amp. fuse 1x 1Amp. Fuse	Page 5



F-150, F-250, F-350, F450:
BCM Passenger side dash board
 Black connector (26-pins) Back view
 or
 Driver kick panel Running board harness

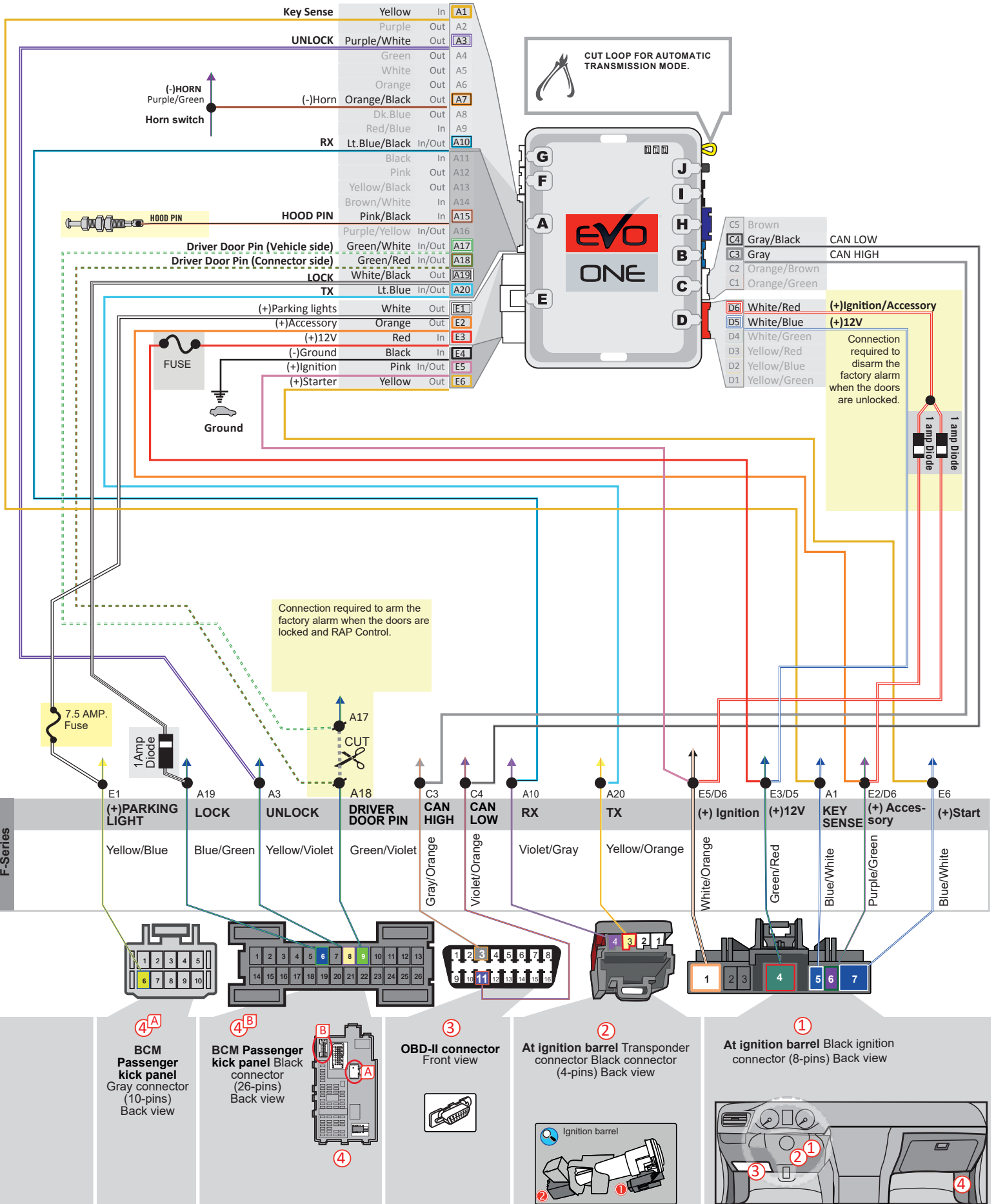
T-HARNESS: 12V BATTERY

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

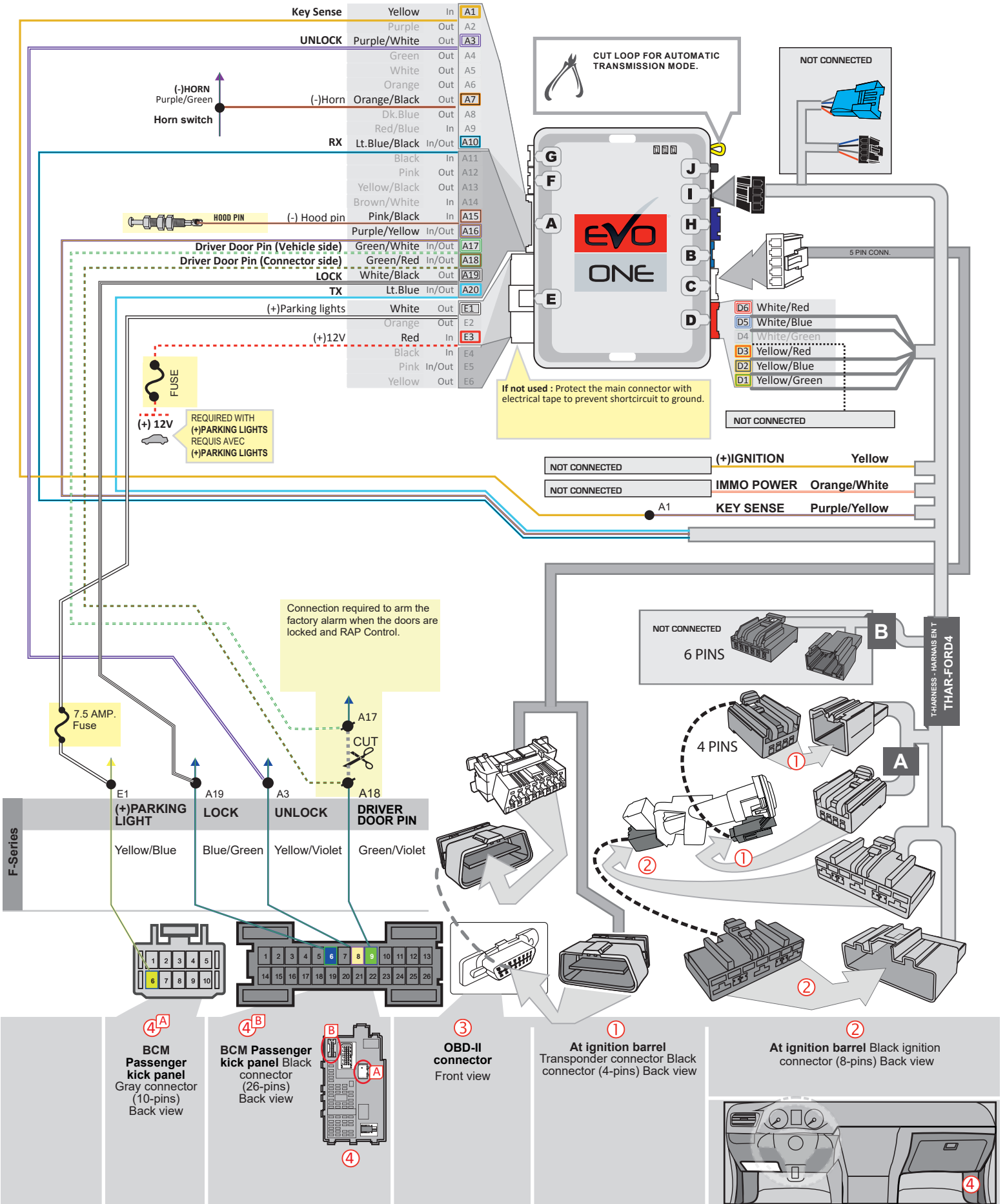
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

WIRING CONNECTION



THAR-FOR4 - INSTALLATION WIRING

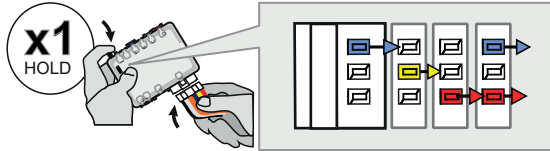


KEY BYPASS PROGRAMMING PROCEDURE 1/2



2 key required for programming

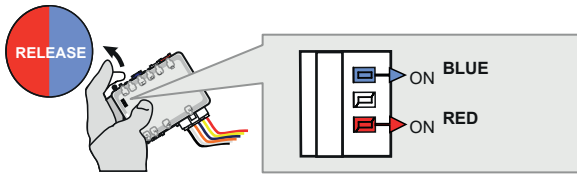
1



Press and hold the programming button:
Insert the 6-Pin Main connector.

↳ The LED will alternate between BLUE, YELLOW, RED, BLUE, YELLOW and RED flashes.

2



Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 6-Pin connector (Main-Harness) and go back to step 1.



3

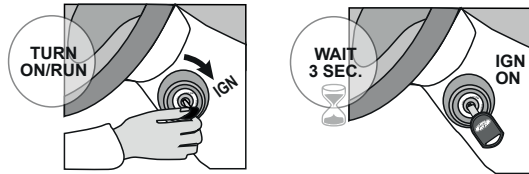


Insert the required remaining connectors.

4



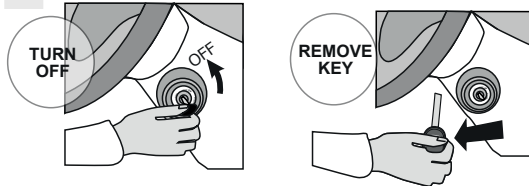
KEY #1



Turn the first functional key to the ON/RUN position.

Wait 3 seconds.

5



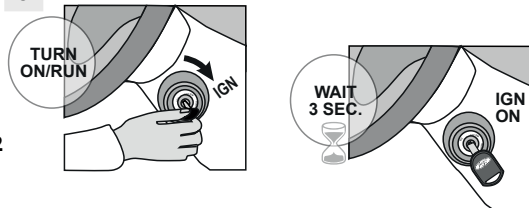
Turn the ignition to the OFF position

and remove the first key.

6



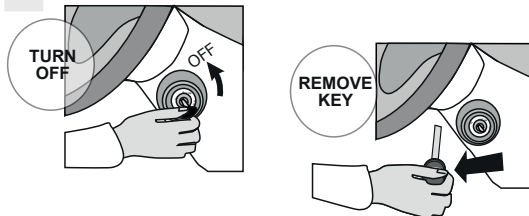
KEY #2



Turn the second functional key to the ON/RUN position.

Wait 3 seconds.

7

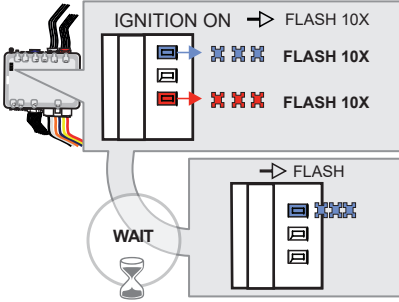
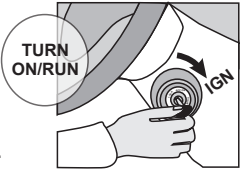


Turn the ignition to the OFF position

and remove the second key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2

8



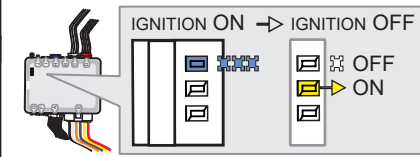
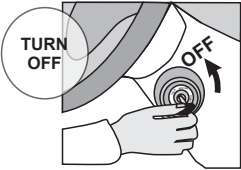
Turn the key to the Ignition ON/RUN position.

↳ The RED AND BLUE LEDs will flash rapidly ten (10) times.
Key bypass programmed.

Wait

↳ The BLUE LED will flash rapidly.
CAN-Bus programmed.

9



Turn the Ignition to the OFF position.

↳ The BLUE LED will turn off.
↳ The YELLOW LED will turn on.



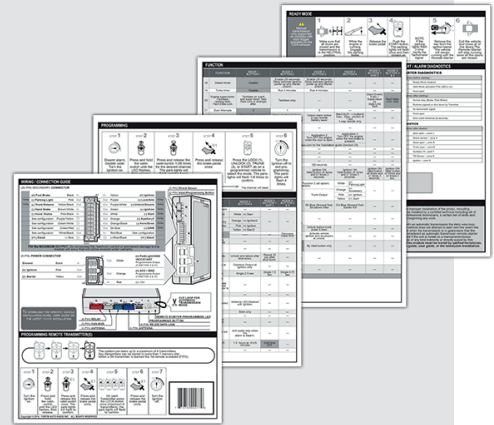
The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER PROGRAMMING PROCEDURE



REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



REMOTE STARTER FUNCTIONALITY



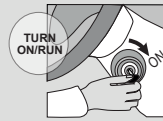
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 INSTALLATION
ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)															
		Immobilizer bypass	Lock	Unlock	Arm	Disarm	Parking Lights	Horn	RAP Disable	Trunk Release	Tachometer	Door Status	Trunk Status	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	R.S. OEM remote Stand Alone compatible
FORD																	
Fusion	2006-2009	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

BYPASS FIRMWARE VERSION

71.[52]

FORD MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

	FUNCTION	MODE	DESCRIPTION
 Program remote starter option:	31	4	(+) Parking Light (E1) (+) Accessory (E2)

	FUNCTION	MODE	DESCRIPTION
 Program remote starter option for R.S. OEM REMOTE STAND ALONE:	38	2	Enable Press 3x Lock to remote start with the OEM remote.

	UNIT OPTION	DESCRIPTION
 Program bypass option:	C1	OEM Remote status (Lock/Unlock) monitoring

	UNIT OPTION	STATUS	DESCRIPTION
 IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	OFF	Hood trigger (Output Status).

MANDATORY INSTALL
*** HOOD PIN**


HOOD STATUS: THE HOOD PIN SWITCH (INCLUDED) MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11
OFF
SECURITY STICKER


Included

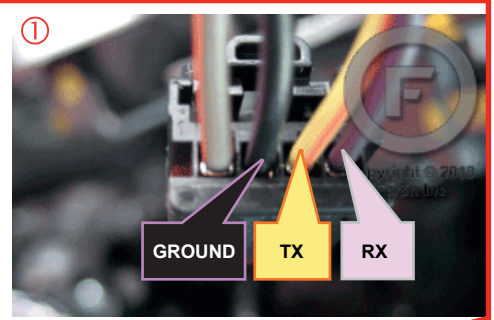
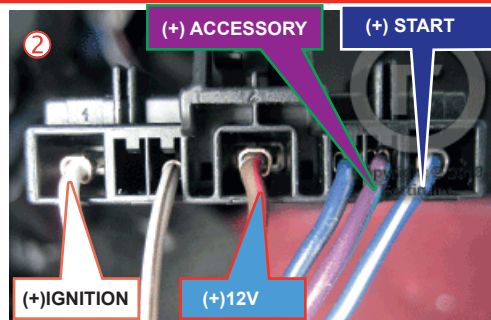
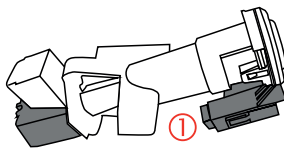
Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

	Parts required (Not included)	PAGE
WIRE TO WIRE DIAGRAM		
	1x 7.5 Amp. fuse	Page 3
THARNESS DIAGRAM		
THARNESS THAR-FOR4	1x THAR-FOR4 1x 7.5 Amp. fuse	Page 4
THARNESS THAR-FOR1	1x THAR-FOR1 1x 7.5 Amp. fuse	Page 5

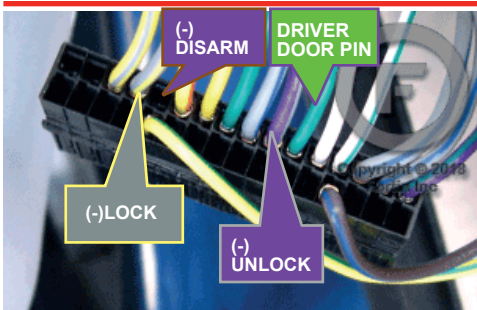
① ② At ignition barrel



⑦ At trunk switch



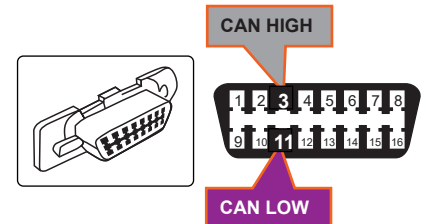
④ BCM, left of the steering column



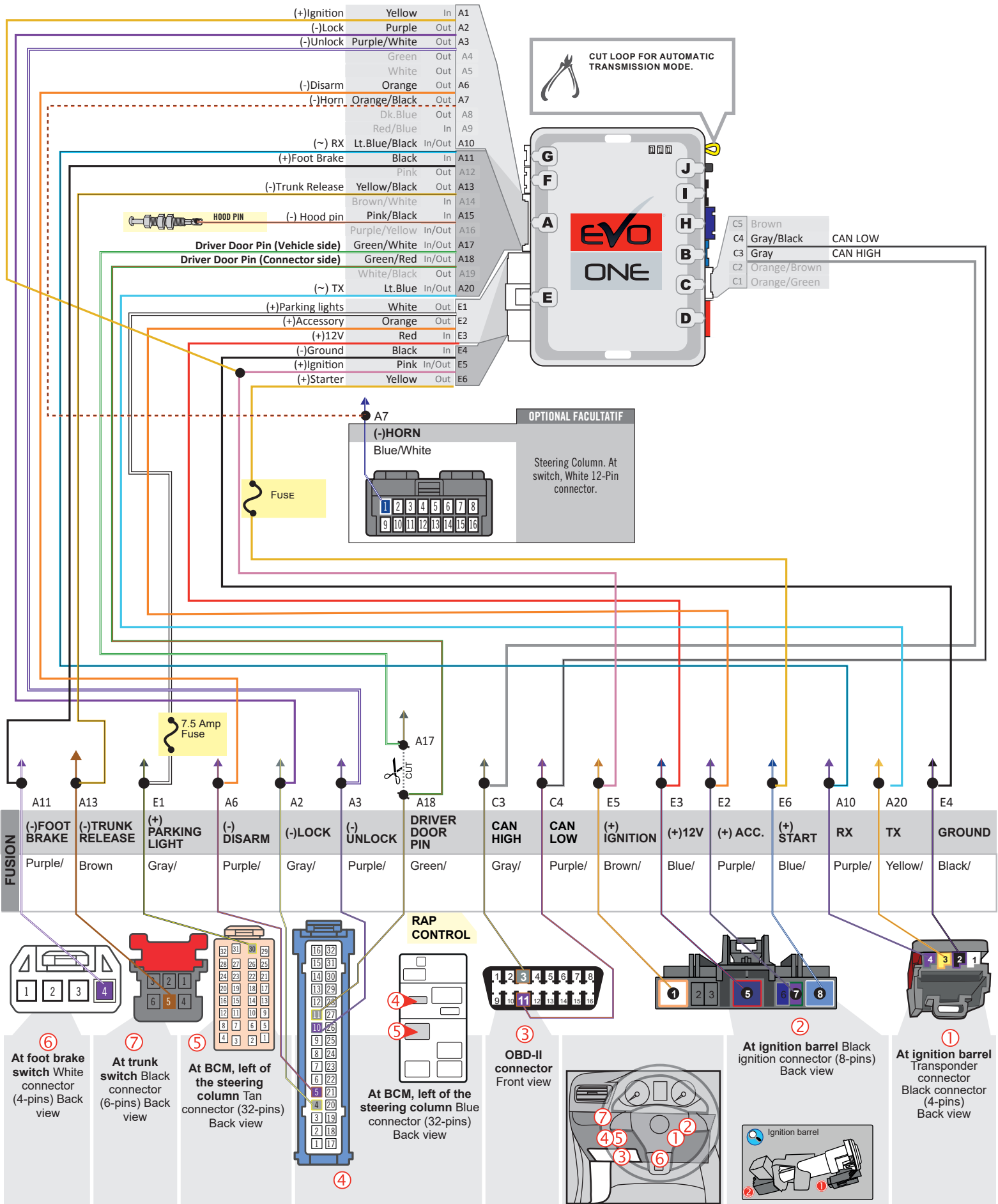
⑥ At brake switch



③ OBD-II connector



WIRING CONNECTION



KEY BYPASS PROGRAMMING PROCEDURE

Choose between :

2 key programming.

DCRYPTOR and 1 key programming.

2 KEY REQUIRED

1

Press and hold the programming button:
Insert the 6-Pin Main connector.

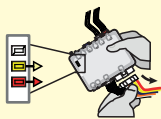
WITH T-HARNESS

Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

↳ The LEDs will alternate between BLUE, RED, YELLOW & BLUE/RED flashes.

2

If the LED is not solid RED disconnect the 6 Pin connector (Main-Harness) and go back to step 1.



WITH T-HARNESS

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

3

Insert the required remaining connectors.

4

Turn the first functional key to the ON/RUN position.

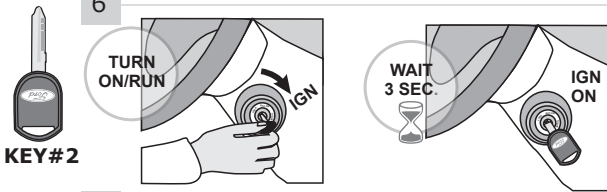
Wait 3 seconds.

5

Turn the ignition to the OFF position

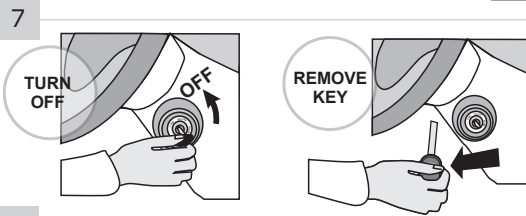
and remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



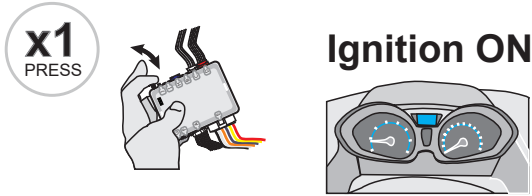
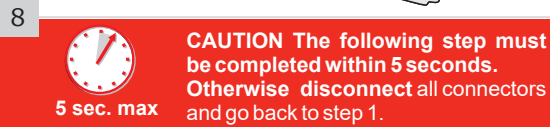
Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



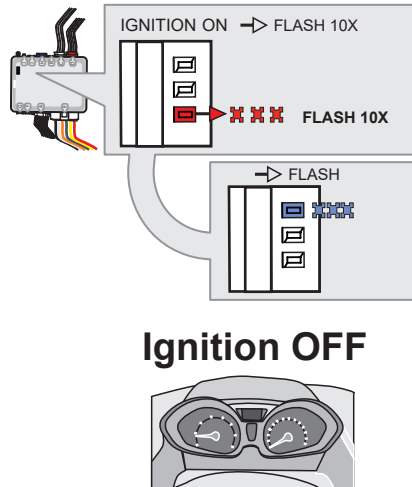
Turn the key to the OFF position.

Remove the second key.



Press and release the programming button.

The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times.
Key bypass programmed.

↳ The BLUE LED will flash rapidly.
CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

WITH T-HARNESS

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

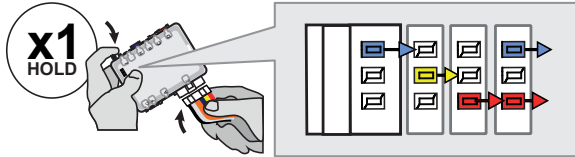
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- Smartphone *Android* or *iOS* with Internet connection
(Internet provider charges may apply)

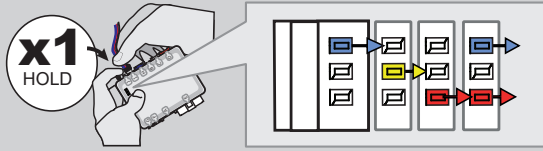
BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

1



Press and hold the programming button:
Insert the 6-Pin Main connector.

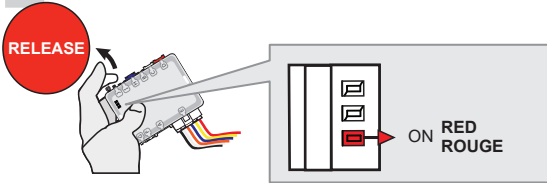
WITH T-HARNESS



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

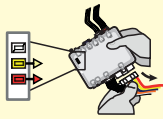
↳ The LEDs will alternate between BLUE, RED, YELLOW & BLUE/RED flashes.

2



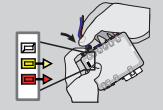
Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 6 Pin connector (Main-Harness) and go back to step 1.

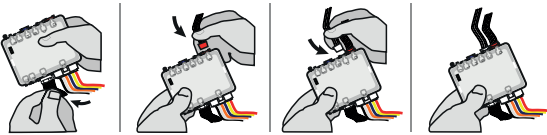


WITH T-HARNESS

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

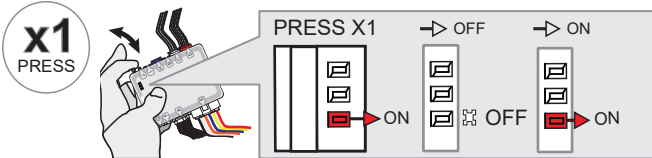


3



Insert the required remaining connectors.

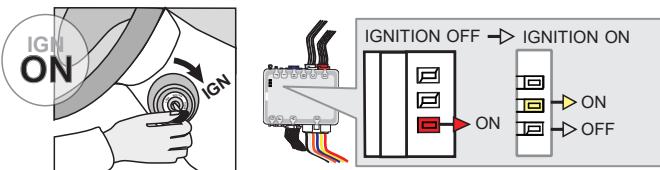
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



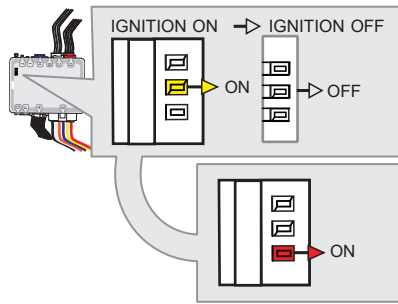
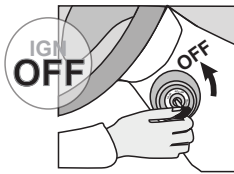
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

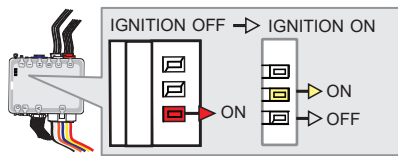
6



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

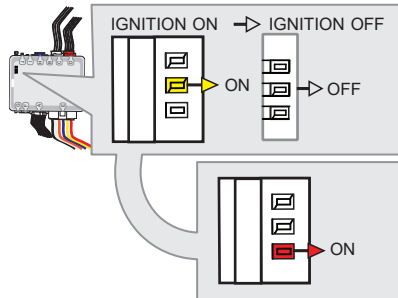
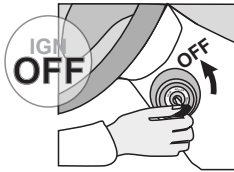
↳The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳The RED LED will turn OFF.
↳The YELLOW LED will turn on.

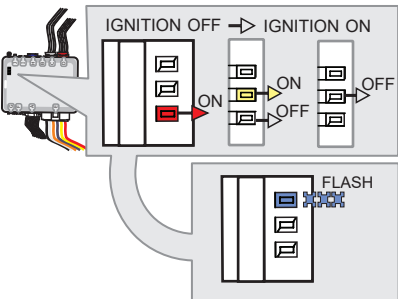
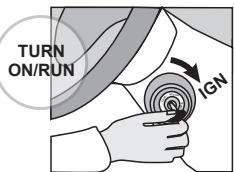
8



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

↳The RED LED will turn on.

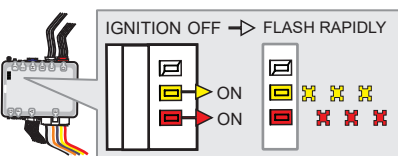
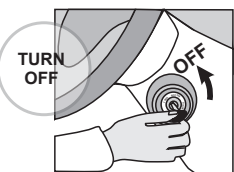
9



Turn the key to the Ignition ON/RUN position.
↳The YELLOW LED will turn on and off.
↳The RED LED will turn OFF.

↳WAIT, the BLUE LED to flash rapidly.

10

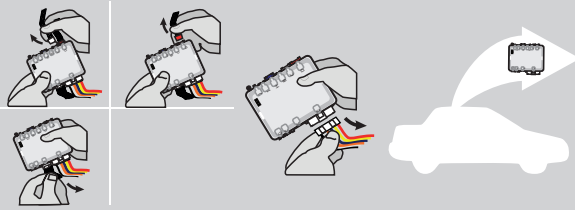


Turn the key to the OFF position.

↳The RED and YELLOW LEDs will alternate.

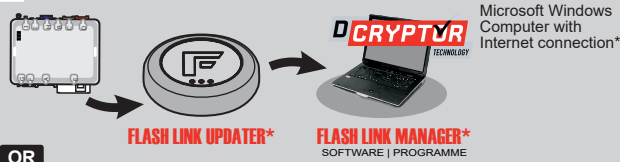
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11

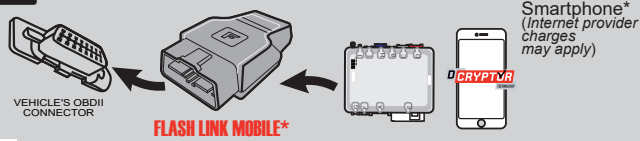


Disconnect all connectors and after the 6-Pin (Main-Harness) or the 4-Pin Data-link connector.

12



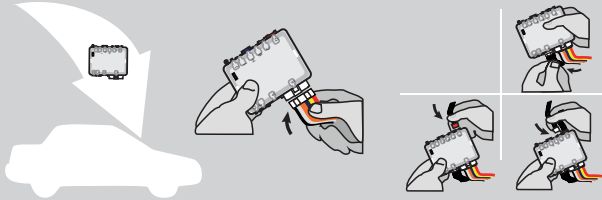
OR



Use the tool:
FLASH LINK UPDATER or
FLASH LINK MOBILE
to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and reconnect the 6-Pin (Main-Harness) or the 4-pins (Data-Link) connector and after all the remaining connector.



The module is now programmed.



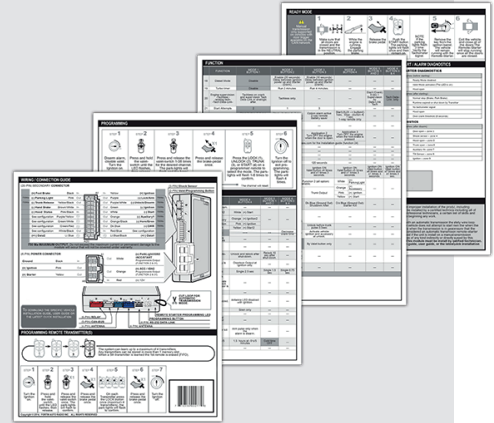
REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER PROGRAMMING PROCEDURE



REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



REMOTE STARTER FUNCTIONALITY



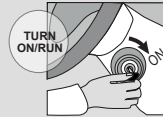
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 INSTALLATION
ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)																
		Immobilizer bypass	T-harness available (Sold separately)	Lock	Unlock	Arm	Disarm	RAP Disable	Trunk Release	Horn	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
FORD																		
Fusion	40-bits 2010-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
MAZDA																		
Tribute	40-bits 2008-2011	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

BYPASS FIRMWARE VERSION

71.[52]

FORD MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

	UNIT OPTION	DESCRIPTION
<p>Program bypass option:</p>	A5	<div style="background-color: green; color: white; padding: 2px 5px; display: inline-block; margin-bottom: 5px;">ON</div> AUX.1 By default with OEM alarm
	A5	<div style="background-color: red; color: white; padding: 2px 5px; display: inline-block; margin-bottom: 5px;">OFF</div> AUX.1 without OEM alarm
IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	<div style="background-color: red; color: white; padding: 2px 5px; display: inline-block; margin-bottom: 5px;">OFF</div> Hood trigger (Output Status).
	C1	OEM Remote status (Lock/Unlock) monitoring

	FUNCTION	MODE	DESCRIPTION
<p>Program remote starter option:</p>	31	4	(+) Parking Light (E1) (+) Accessory (E2)
<p>Program remote starter option for R.S. OEM REMOTE STAND ALONE:</p>	38	2	Enable Press 3x Lock to remote start with the OEM remote.
	34	3	Trunk output : Unlock before trunk pulse 0.5 sec

MANDATORY INSTALL
*** HOOD PIN**


HOOD STATUS : THE HOOD PIN SWITCH (INCLUDED) MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11

OFF

SECURITY STICKER


Included

Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

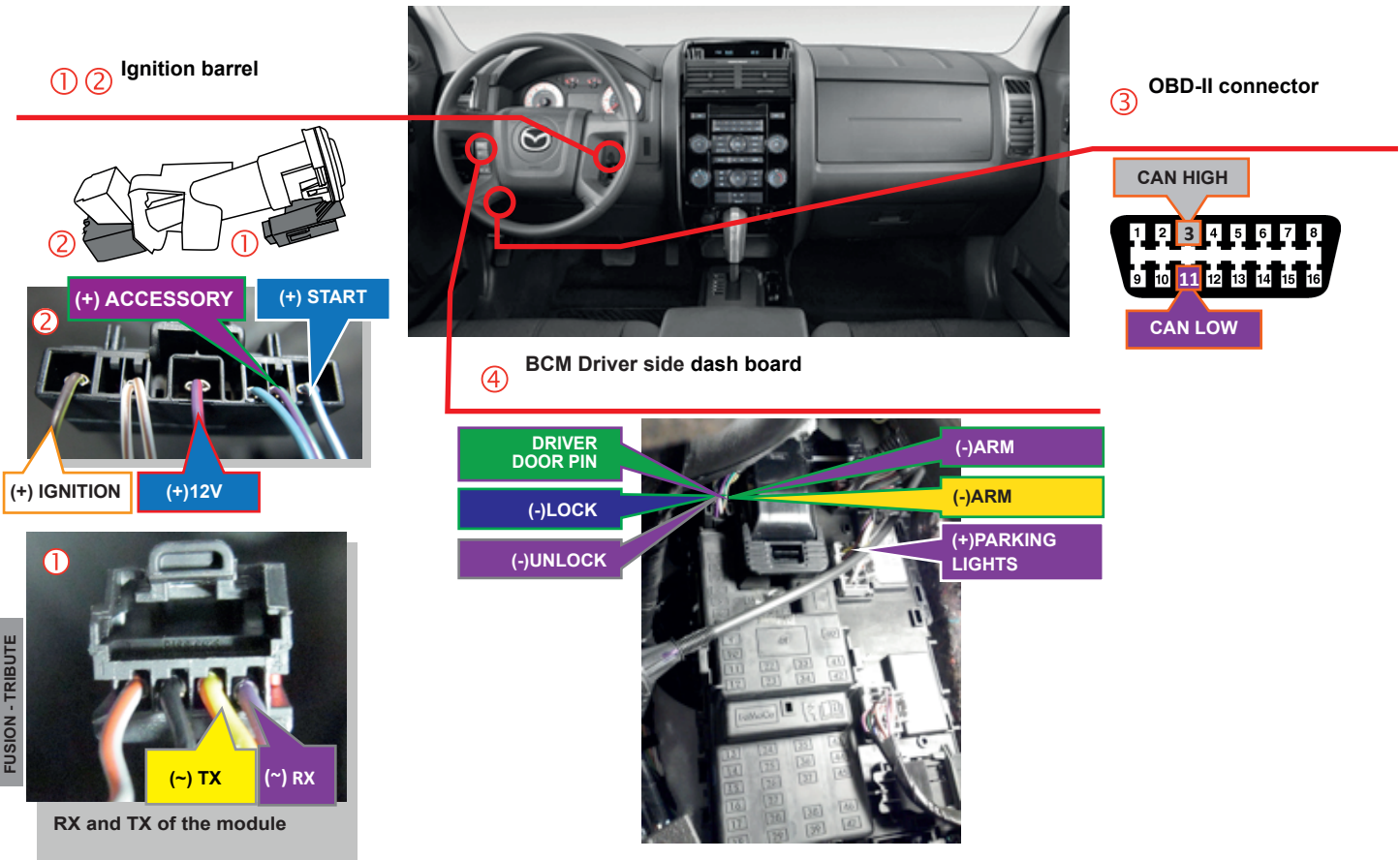
Parts required (Not included) PAGE

WIRE TO WIRE DIAGRAM

Automatique transmission	1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm) 1x 1Amp. Diodes (without OEM alarm)	Page 3
Manual transmission	1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm) 1x 1Amp. Diodes (without OEM alarm)	Page 4

THARNESSE DIAGRAM

THARNESSE THAR-FORD4	Automatique transmission	1x THAR-FOR4 1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm)	Page 5
	Manual transmission	1x THAR-FOR4 1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm)	Page 6
THARNESSE THAR-FORD1	Automatique transmission	1x THAR-FOR1 1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm) 1x 1Amp. Diodes (without OEM alarm)	Page 7
	Manual transmission	1x THAR-FOR1 1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm) 1x 1Amp. Diodes (without OEM alarm)	Page 8



T-HARNESS: 12V BATTERY

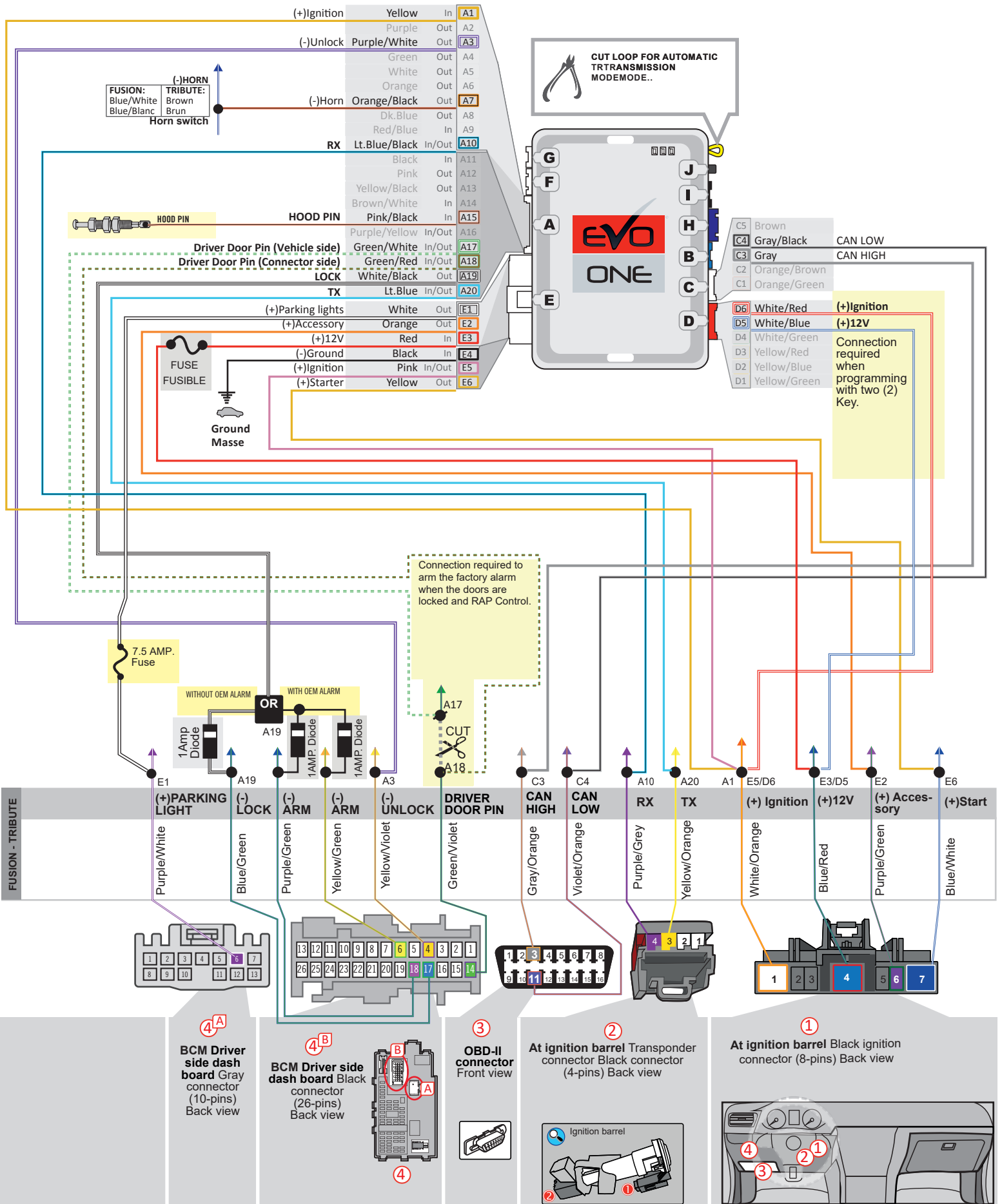


ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

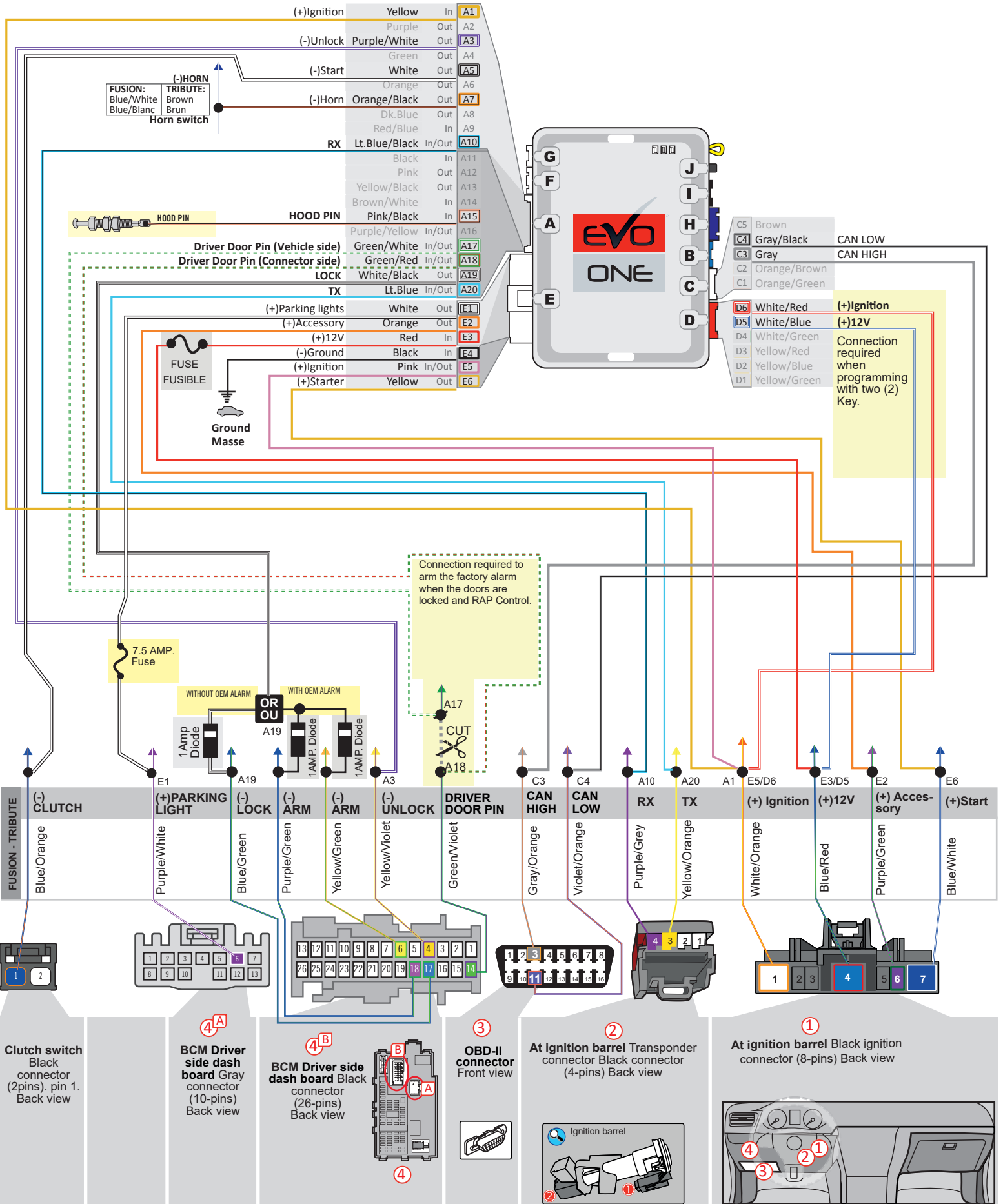
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

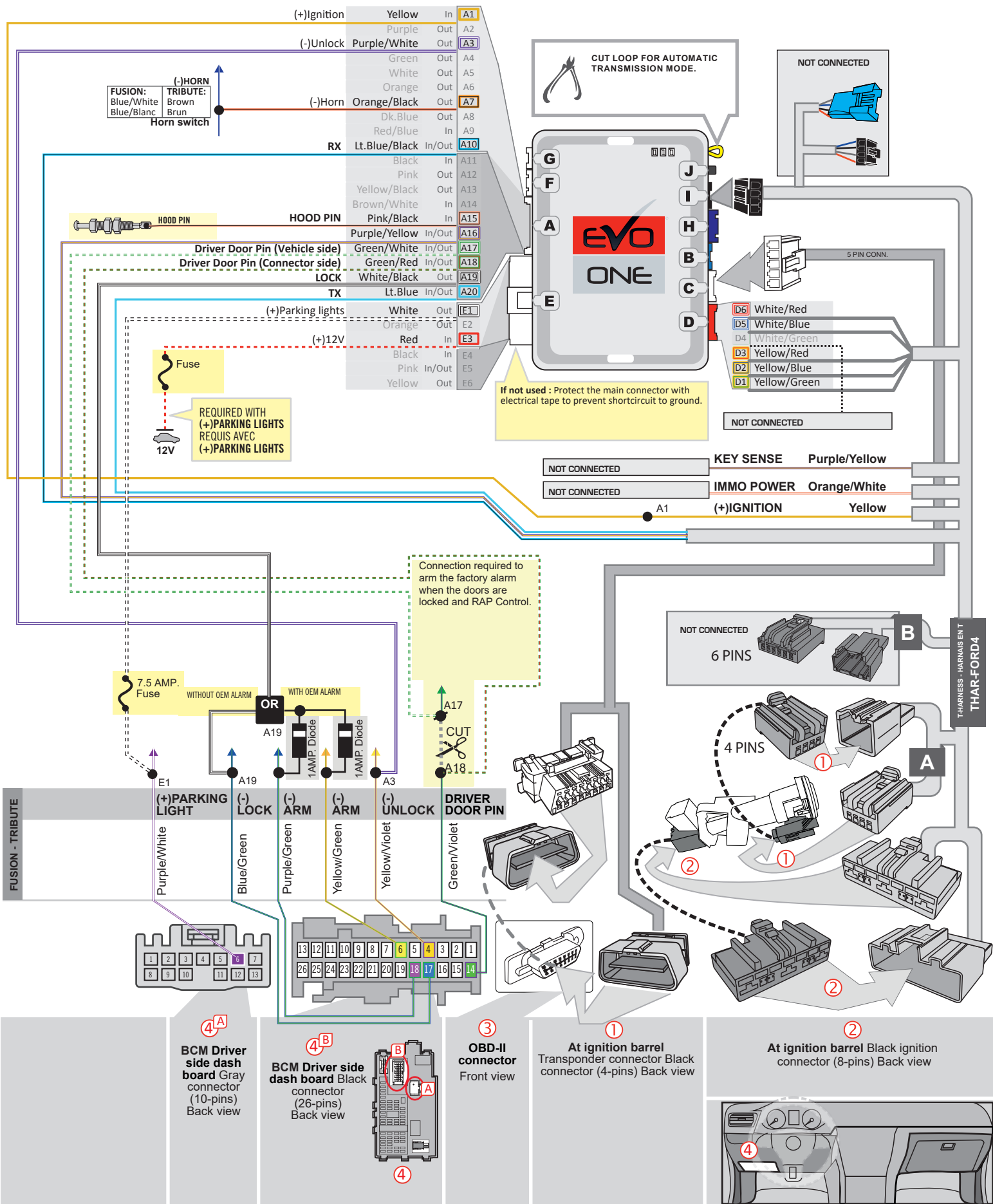
Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

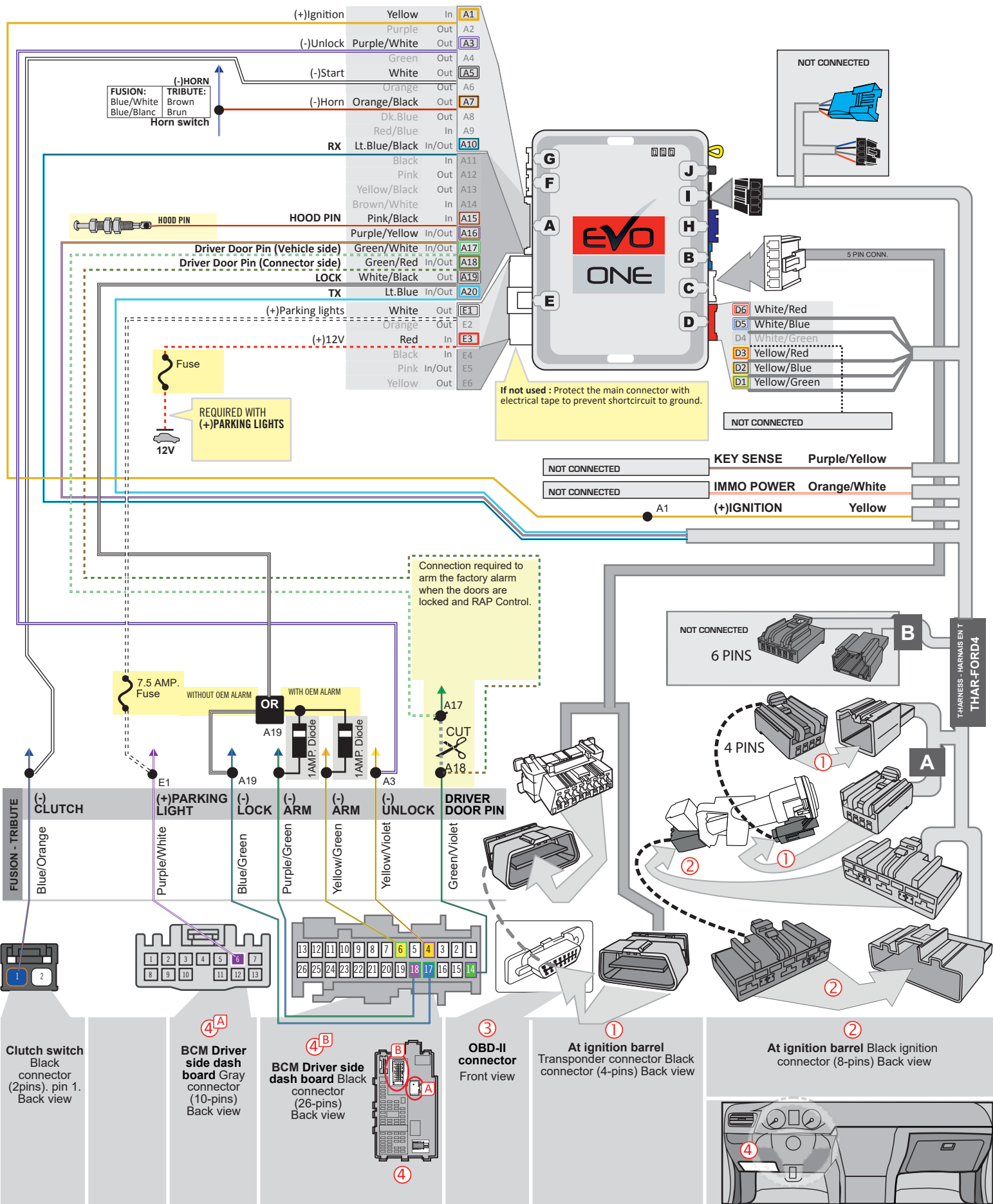
AUTOMATIC TRANSMISSION WIRING CONNECTION

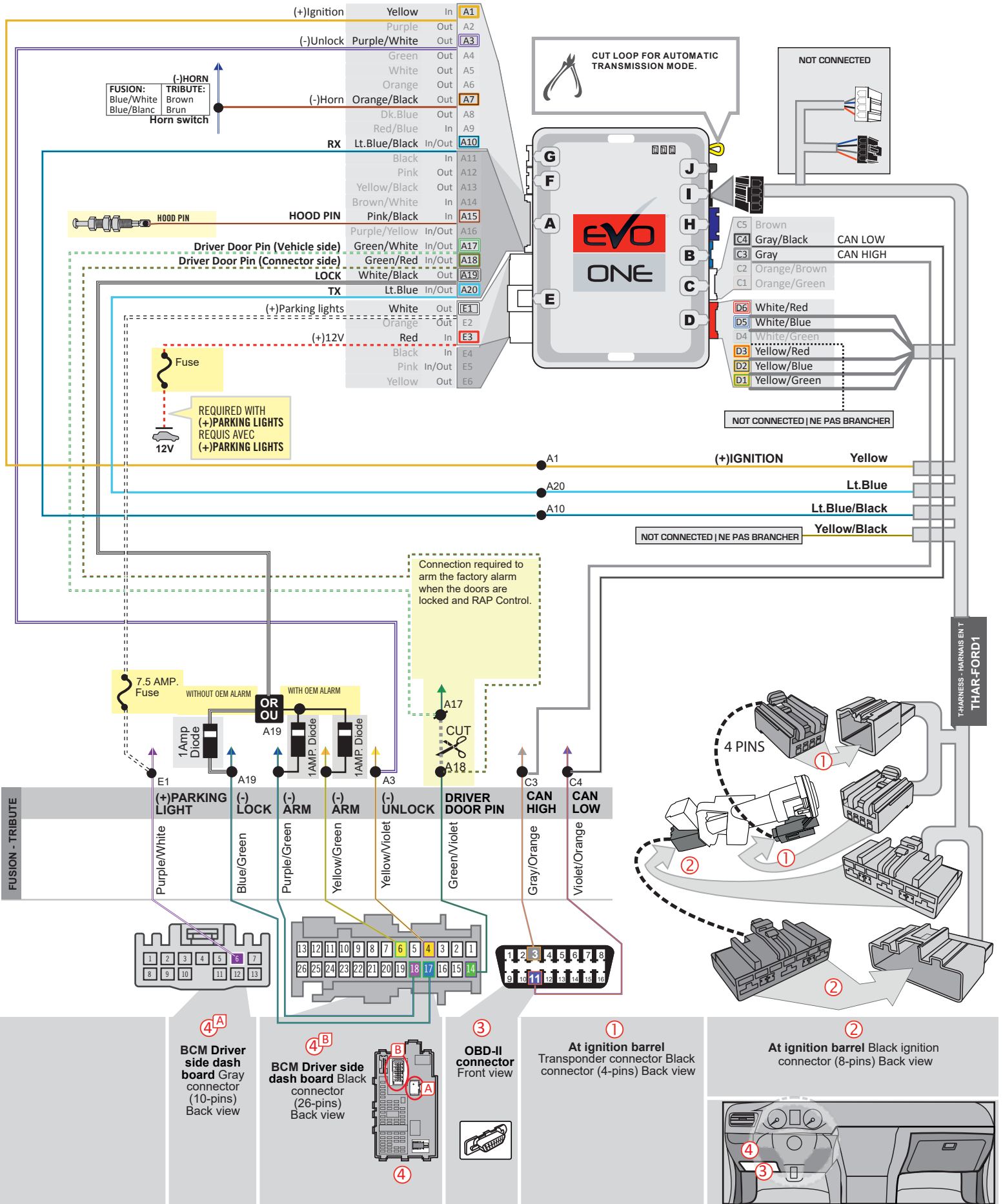


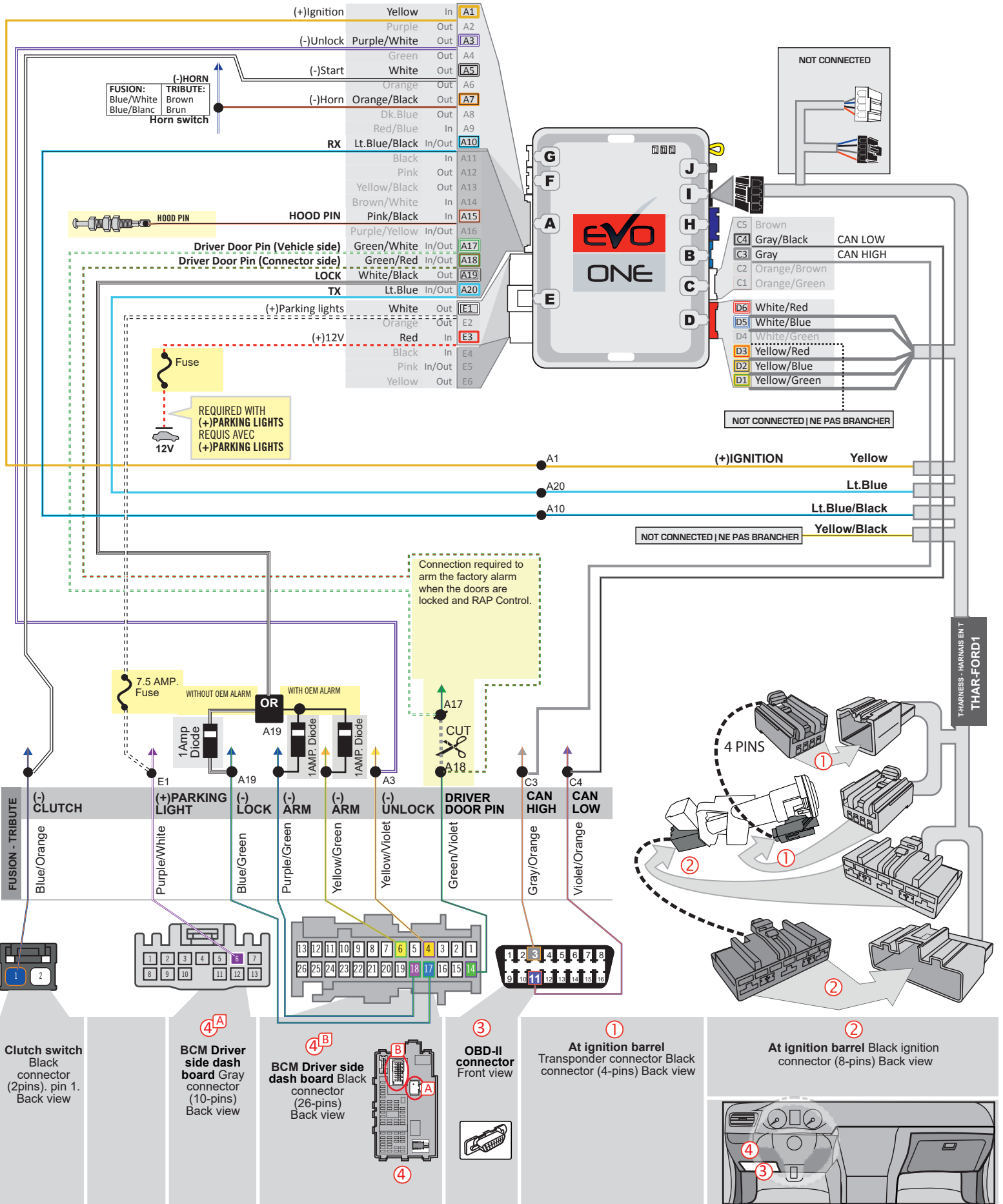
MANUAL TRANSMISSION WIRING CONNECTION











Choose between :

2 key programming.

DCRYPTOR and 1 key programming.

2 KEY REQUIRED

1

Press and hold the programming button:
Insert the 6-Pin Main connector.

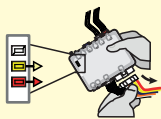
WITH T-HARNESS

Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

↳ The LEDs will alternate between BLUE, RED, YELLOW & BLUE/RED flashes.

2

If the LED is not solid RED disconnect the 6 Pin connector (Main-Harness) and go back to step 1.



WITH T-HARNESS

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

3

Insert the required remaining connectors.

4

Turn the first functional key to the ON/RUN position.

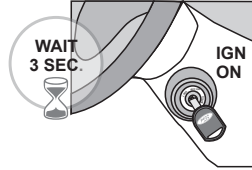
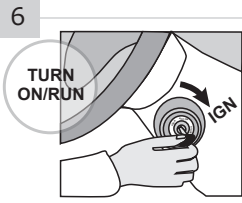
Wait 3 seconds.

5

Turn the ignition to the OFF position

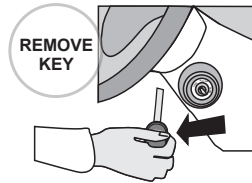
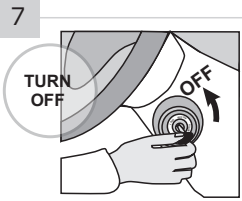
and remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



Turn the key to the OFF position.

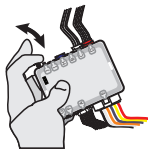
Remove the second key.

8



CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.

x1 PRESS

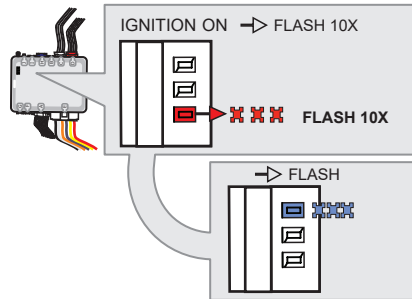


Ignition ON



Press and release the programming button.

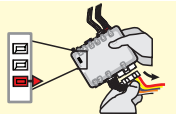
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

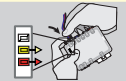


Ignition OFF



The vehicle ignition will turn OFF.

WITH T-HARNESS If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.



Parts required (not included)

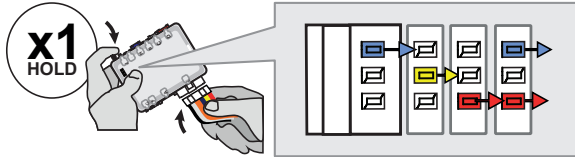
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- Smartphone *Android* or *iOS* with Internet connection
(Internet provider charges may apply)

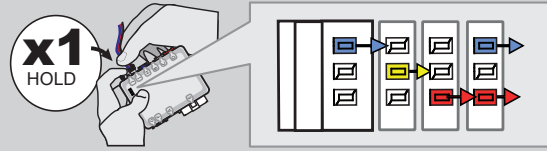
BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

1



Press and hold the programming button:
Insert the 6-Pin Main connector.

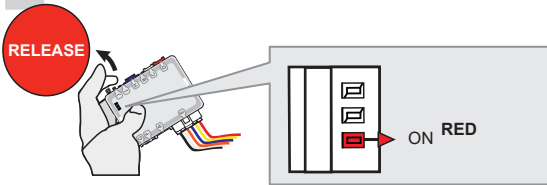
WITH T-HARNESS



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

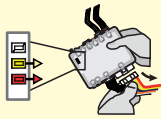
↳ The LEDs will alternate between BLUE, RED, YELLOW & BLUE/RED flashes.

2



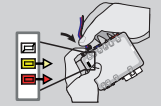
Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 6 Pin connector (Main-Harness) and go back to step 1.

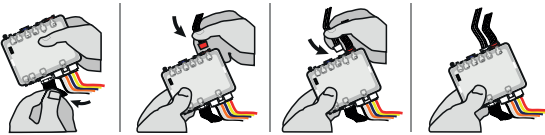


WITH T-HARNESS

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

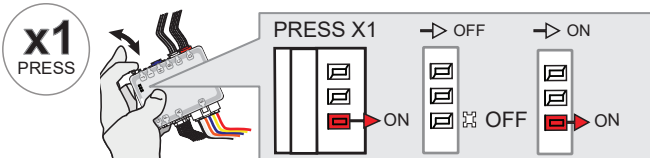


3



Insert the required remaining connectors.

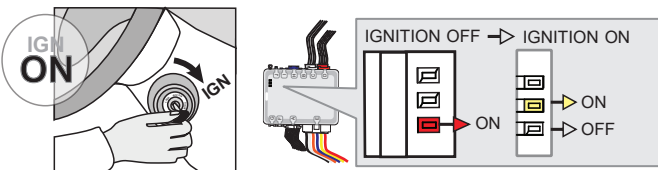
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5

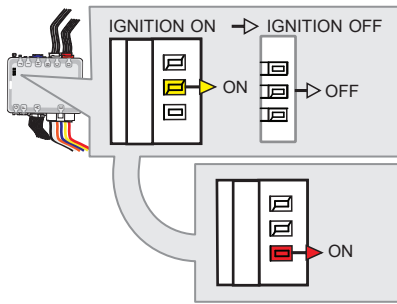
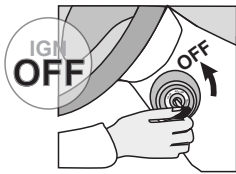


Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

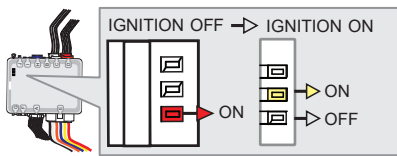
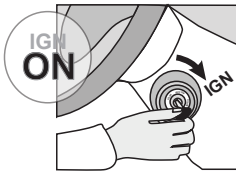
6



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

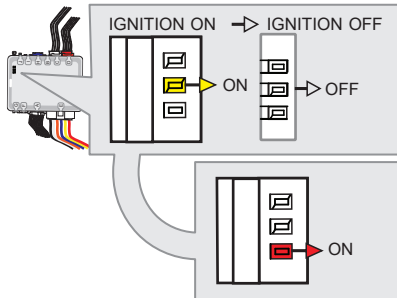
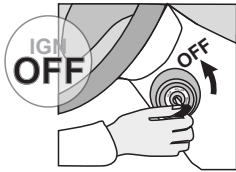
↳ The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳ The RED LED will turn OFF.
↳ The YELLOW LED will turn on.

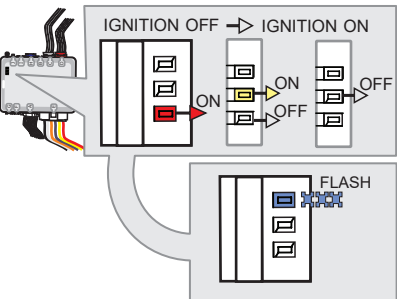
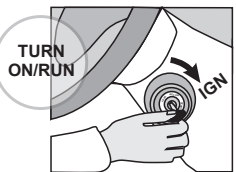
8



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

↳ The RED LED will turn on.

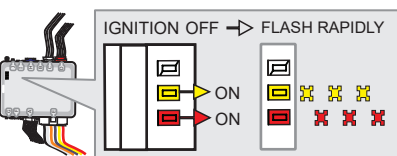
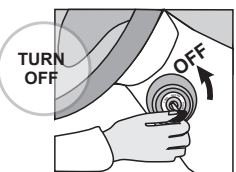
9



Turn the key to the Ignition ON/RUN position.
↳ The YELLOW LED will turn on and off.
↳ The RED LED will turn OFF.

↳ WAIT, the BLUE LED to flash rapidly.

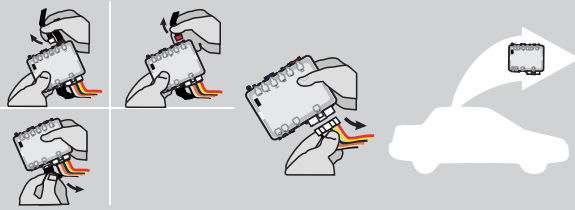
10



Turn the key to the OFF position.

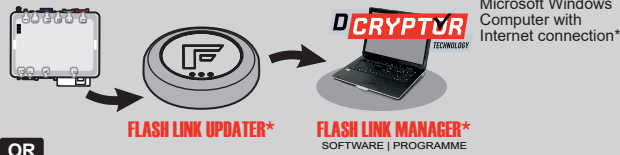
↳ The RED and YELLOW LEDs will alternate.

11

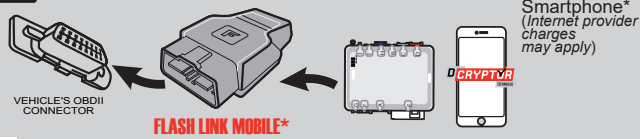


Disconnect all connectors and after the 6-Pin (Main-Harness) or the 4-Pin Data-link connector.

12



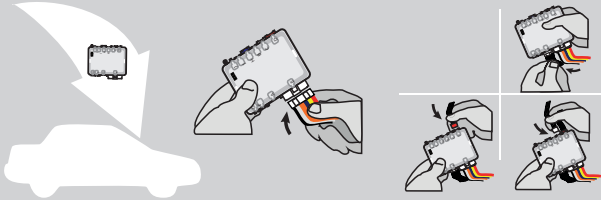
OR



Use the tool:
FLASH LINK UPDATER or
FLASH LINK MOBILE
to visit the DCRYPTOR menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 6-Pin (Main-Harness) or the 4-pins (Data-Link) connector and after all the remaining connector.



The module is now programmed.



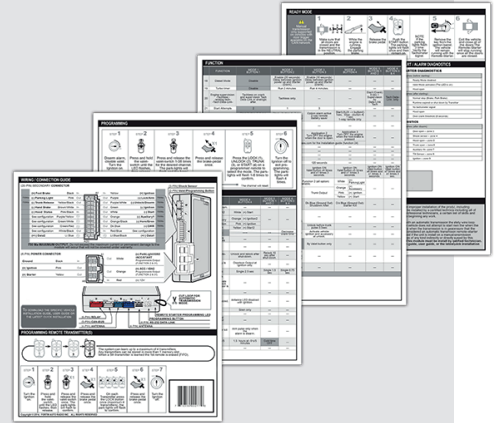
REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER PROGRAMMING PROCEDURE



REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



REMOTE STARTER FUNCTIONALITY



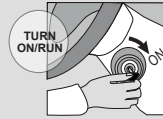
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



VEHICLE

YEARS

Vehicle functions supported in this diagram (functional if equipped)

FORD

Taurus

40-bits 2008-2012

Immobilizer bypass	T-harness available (Sold separately)	Lock	Unlock	Arm	Disarm	RAP Disable	Trunk Release	Horn	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	R.S. OEM remote Stand Alone compatible
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



BYPASS FIRMWARE VERSION

71.[52]

FORD MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.



Program bypass option:

UNIT OPTION

DESCRIPTION

A5

ON

AUX.1
By default with OEM alarm

OFF

AUX.1
without OEM alarm

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:

A11

OFF

Hood trigger (Output Status).

C1

OEM Remote status (Lock/Unlock) monitoring



Program remote starter option:

FUNCTION

MODE

DESCRIPTION

31

4

(+) Parking Light (E1)
(+) Accessory (E2)

Program remote starter option for R.S. OEM REMOTE STAND ALONE:

38

2

Enable
Press 3x Lock to remote start with the OEM remote.

34

3

Trunk output : Unlock before trunk pulse 0.5 sec

MANDATORY INSTALL

*** HOOD PIN**



HOOD STATUS : THE HOOD PIN SWITCH (INCLUDED) MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

SECURITY STICKER



Included

Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION | DESCRIPTION

Parts required (Not included) PAGE

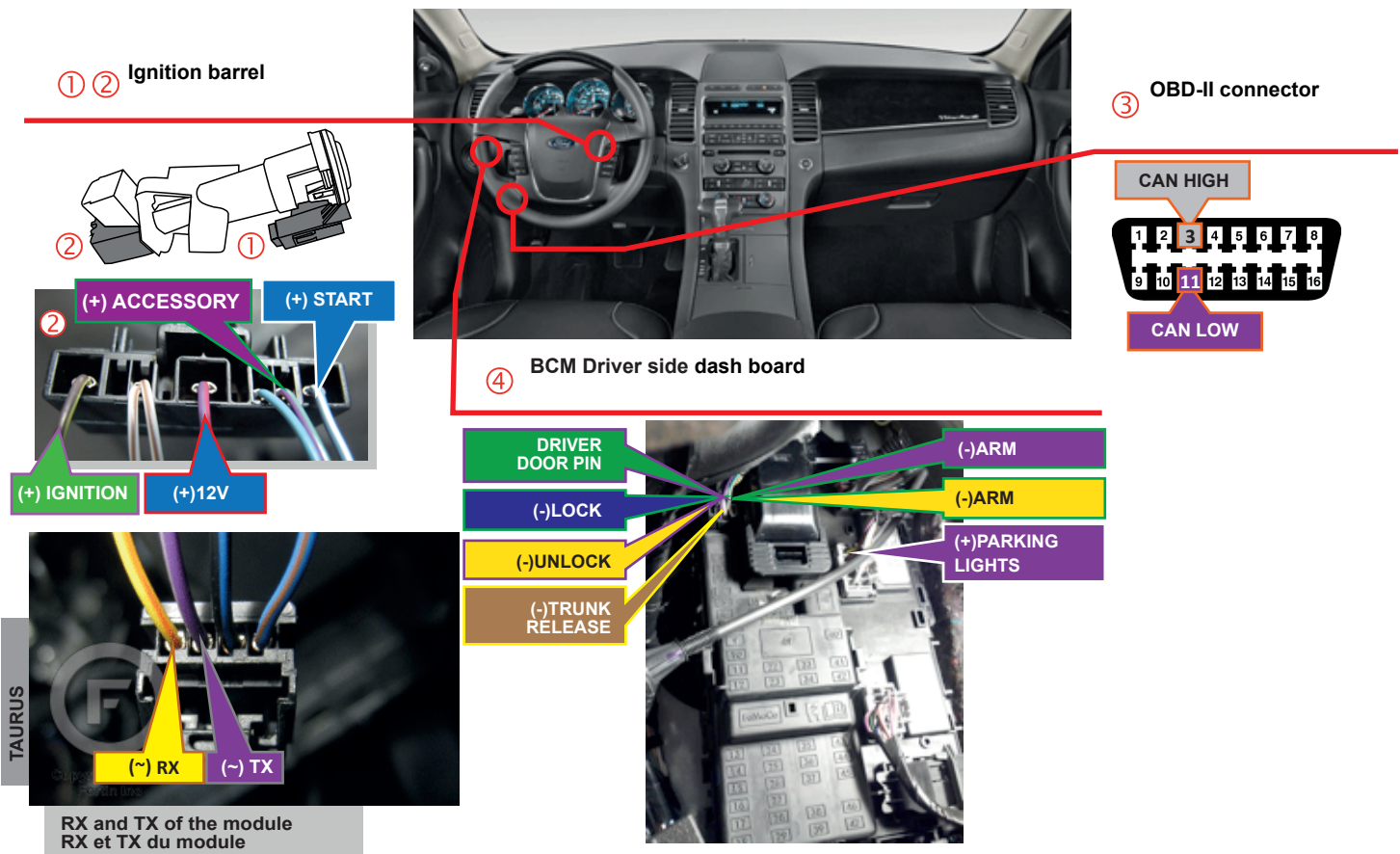
WIRE TO WIRE DIAGRAM

	1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm) 1x 1Amp. Diodes (without OEM alarm)	Page 3
--	---	--------

THARNNESS DIAGRAM

THARNNESS THAR-FORD4	1x THAR-FOR4 1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm)	Page 4
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THARNNESS THAR-FORD1	1x THAR-FOR1 1x 7.5 Amp. fuse 2x 1Amp. Diodes (with OEM alarm) 1x 1Amp. Diodes (without OEM alarm)	Page 5
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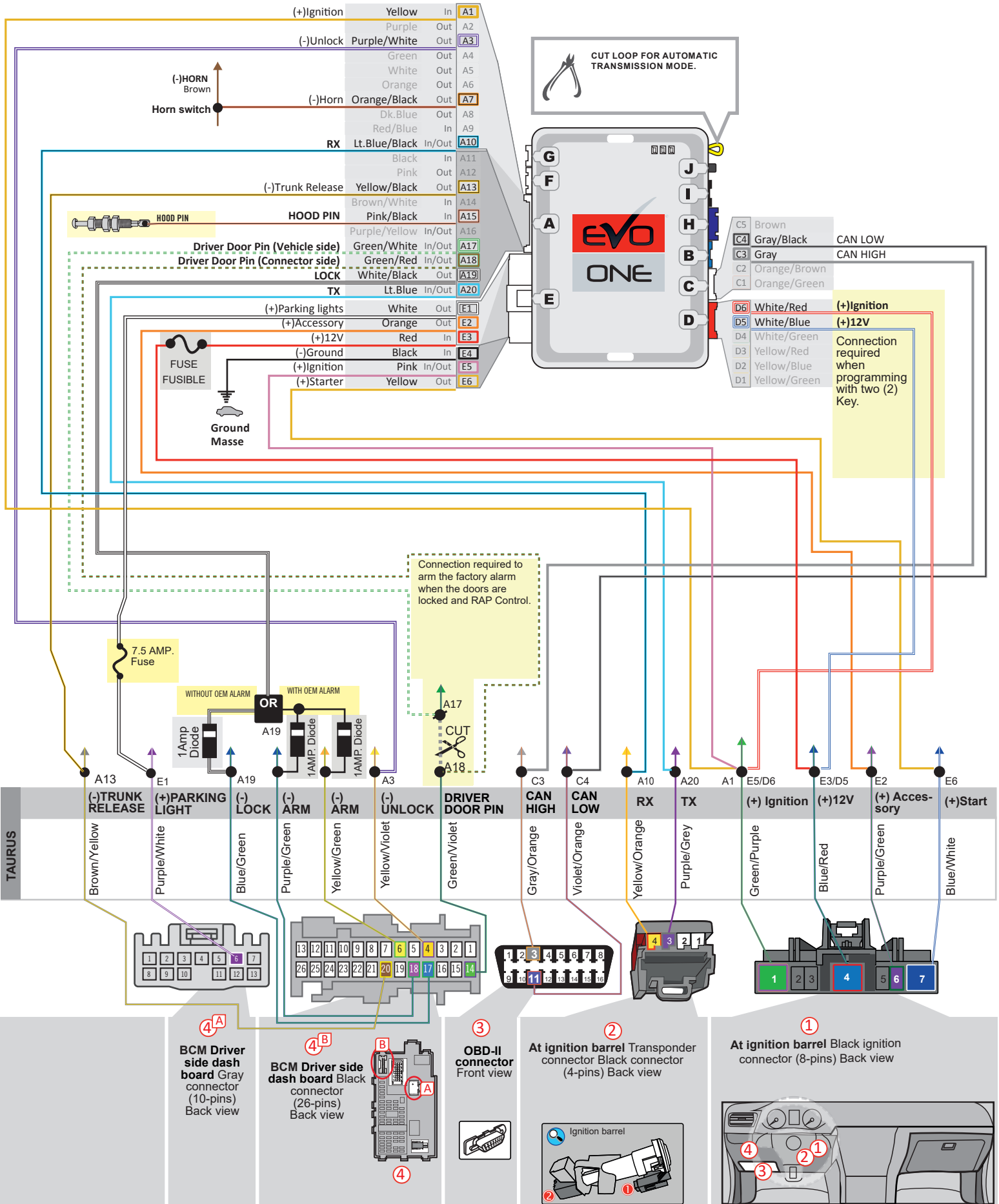
T-HARNESS: 12V BATTERY

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

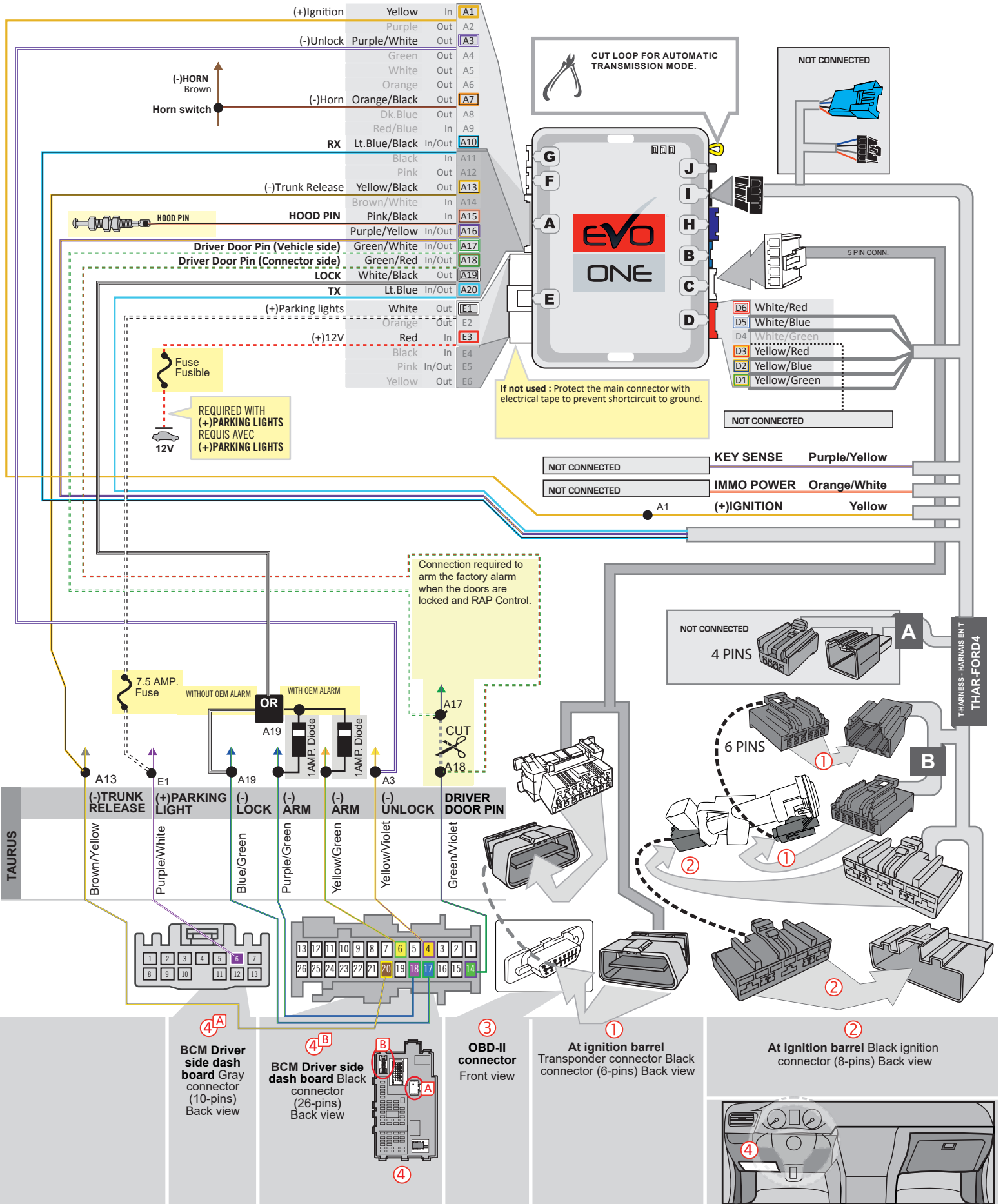
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

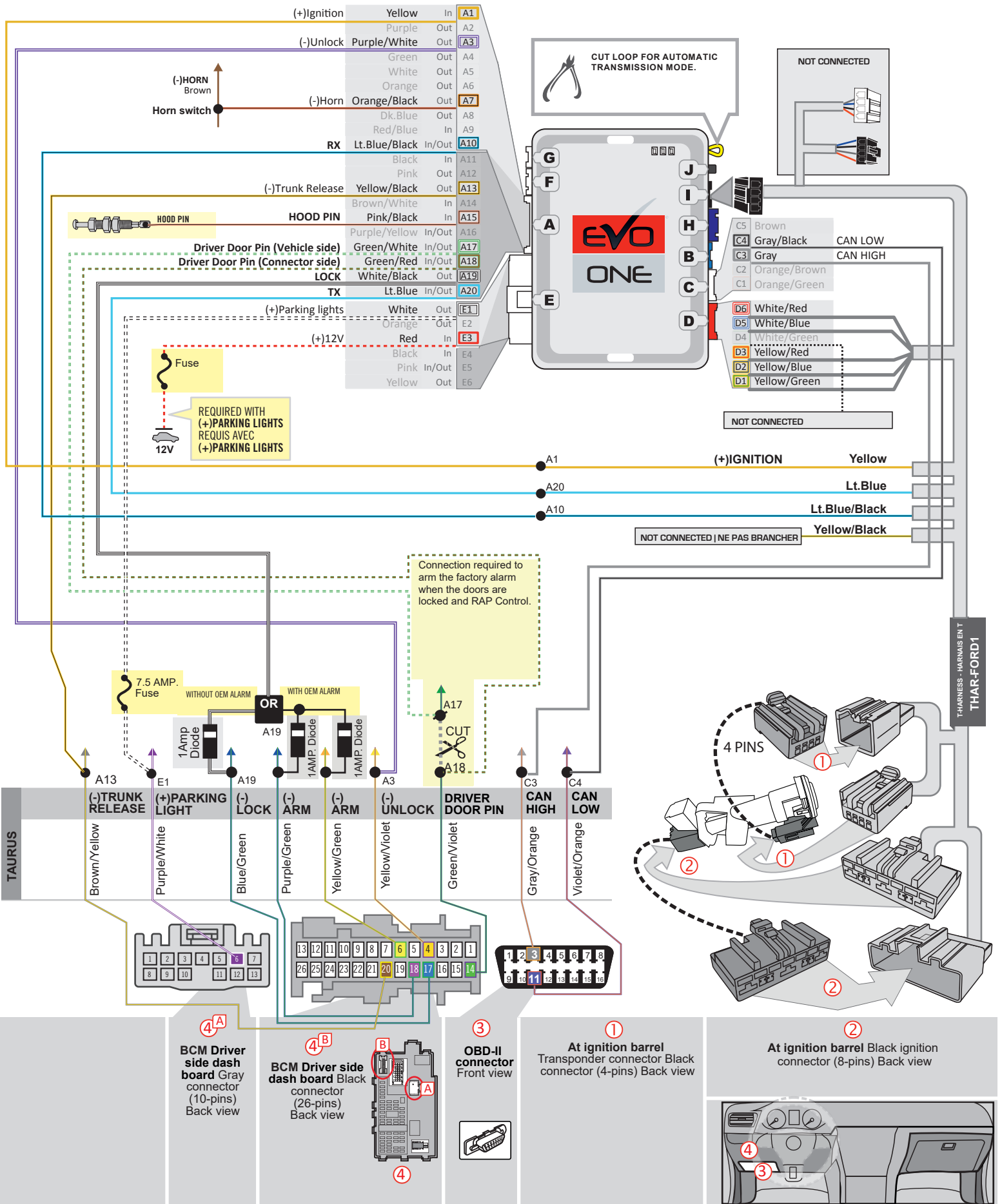
WIRING CONNECTION



THAR-FOR4 - INSTALLATION WIRING



THAR-FOR1 - INSTALLATION WIRING



KEY BYPASS PROGRAMMING PROCEDURE

Choose between :

2 key programming.

DCRYPTOR and 1 key programming.

2 KEY REQUIRED

1

Press and hold the programming button:
Insert the 6-Pin Main connector.

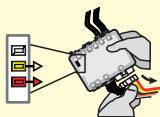
WITH T-HARNESS

Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

↳ The LEDs will alternate between BLUE, RED, YELLOW & BLUE/RED flashes.

2

If the LED is not solid RED disconnect the 6 Pin connector (Main-Harness) and go back to step 1.



WITH T-HARNESS

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

3

Insert the required remaining connectors.

4

Turn the first functional key to the ON/RUN position.

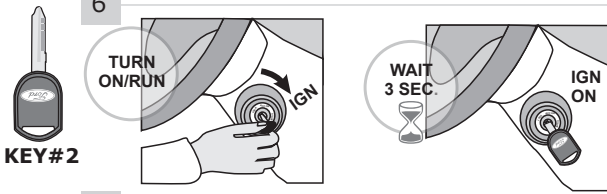
Wait 3 seconds.

5

Turn the ignition to the OFF position

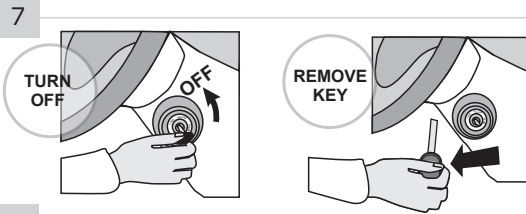
and remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

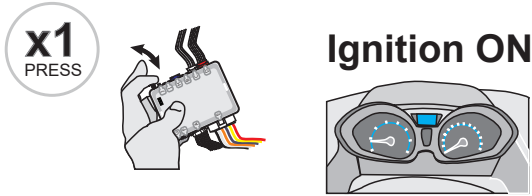
Wait 3 seconds.



Turn the key to the OFF position.

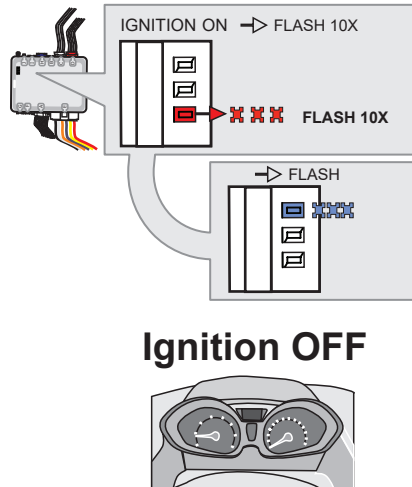
Remove the second key.

8 **CAUTION** The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.
5 sec. max



Press and release the programming button.

The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times.
Key bypass programmed.

↳ The BLUE LED will flash rapidly.
CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

WITH T-HARNESS If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

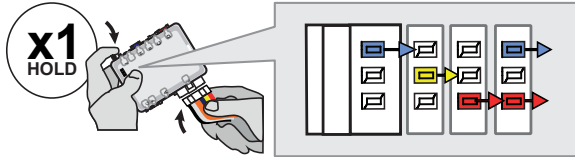
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- Smartphone *Android* or *iOS* with Internet connection
(Internet provider charges may apply)

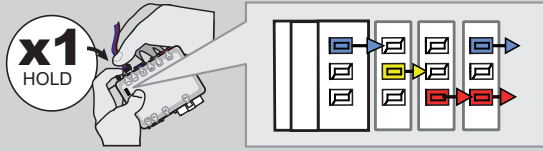
BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

1



Press and hold the programming button:
Insert the 6-Pin Main connector.

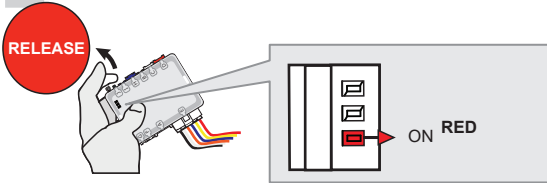
WITH T-HARNESS



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

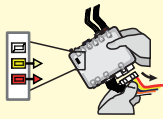
↳ The LEDs will alternate between BLUE, RED, YELLOW & BLUE/RED flashes.

2



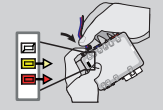
Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 6 Pin connector (Main-Harness) and go back to step 1.

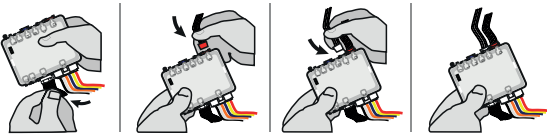


WITH T-HARNESS

If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

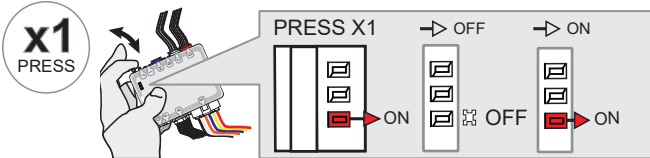


3



Insert the required remaining connectors.

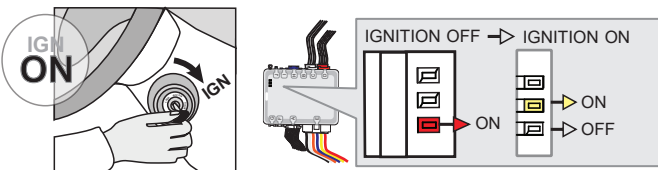
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



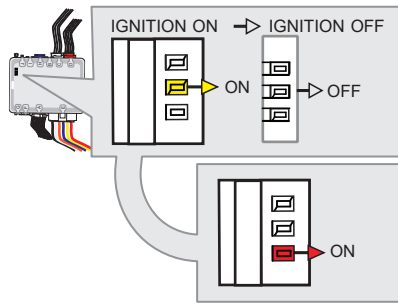
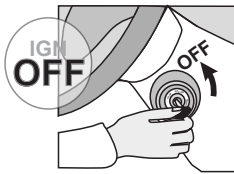
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

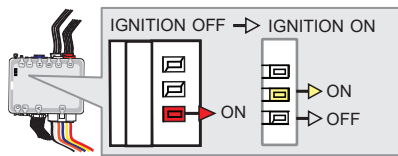
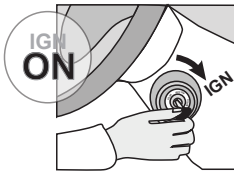
6



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

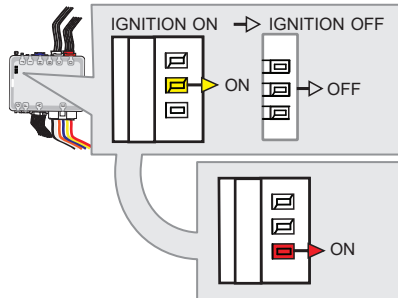
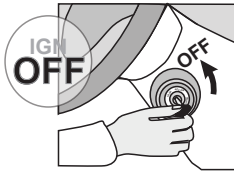
↳ The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳ The RED LED will turn OFF.
↳ The YELLOW LED will turn on.

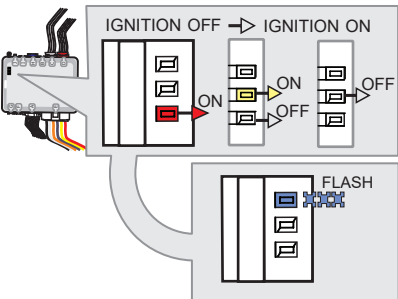
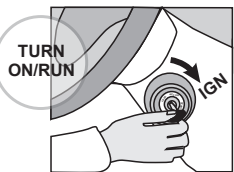
8



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

↳ The RED LED will turn on.

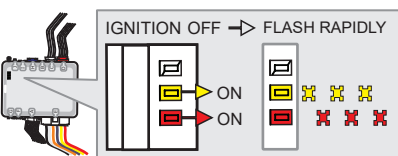
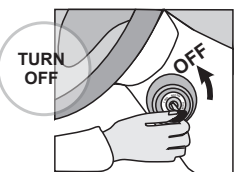
9



Turn the key to the Ignition ON/RUN position.
↳ The YELLOW LED will turn on and off.
↳ The RED LED will turn OFF.

↳ WAIT, the BLUE LED to flash rapidly.

10

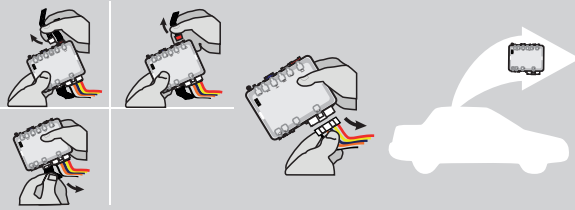


Turn the key to the OFF position.

↳ The RED and YELLOW LEDs will alternate.

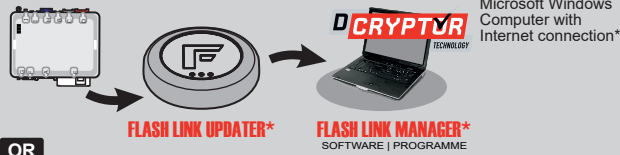
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11

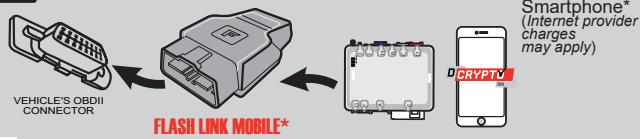


Disconnect all connectors and after the 6-Pin (Main-Harness) or the 4-Pin Data-link connector.

12



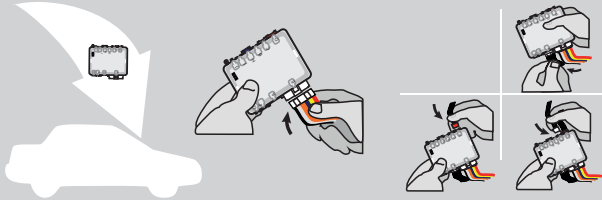
OR



Use the tool:
FLASH LINK UPDATER or
FLASH LINK MOBILE
to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and reconnect the 6-Pin (Main-Harness) or the 4-pins (Data-Link) connector and after all the remaining connector.



The module is now programmed.



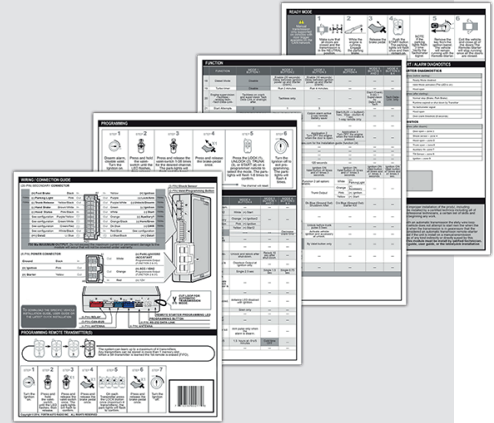
REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER PROGRAMMING PROCEDURE



REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



REMOTE STARTER FUNCTIONALITY



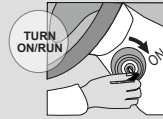
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR, THAR-FOR4 & THAR-FOR1 INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Immobilizer bypass	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Trunk Release	Horn	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	R.S. OEM remote Stand Alone compatible
FORD																		
Taurus	80-bits (SA KEY) 2013-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

BYPASS FIRMWARE VERSION


71.[52]

FORD MINIMUM

 To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

Program bypass option:	UNIT OPTION	DESCRIPTION			
	A5	<table border="1"> <tr> <td>ON OUI</td> <td>AUX.1 By default with OEM alarm</td> </tr> <tr> <td>OFF</td> <td>AUX.1 without OEM alarm</td> </tr> </table>	ON OUI	AUX.1 By default with OEM alarm	OFF
ON OUI	AUX.1 By default with OEM alarm				
OFF	AUX.1 without OEM alarm				
IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	OFF Hood trigger (Output Status).			
	C1	OEM Remote status (Lock/Unlock) monitoring			

Program remote starter option:	FUNCTION	MODE	DESCRIPTION
	31	4	(+) Parking Light (E1) (+) Accessory (E2)
Program remote starter option for R.S. OEM REMOTE STAND ALONE:	38	2	Enable Press 3x Lock to remote start with the OEM remote.
	32	5	D.k Blue (Ground Out): Arm / Rearm
	34	3	Trunk output : Unlock before trunk pulse 0.5 sec

MANDATORY INSTALL

* HOOD PIN


HOOD STATUS : THE HOOD PIN SWITCH (INCLUDED) MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11
OFF
SECURITY STICKER


Included

Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

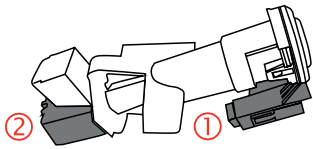
DESCRIPTION | DESCRIPTION



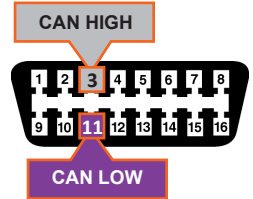
Parts required (Not included)

2x Key for programming

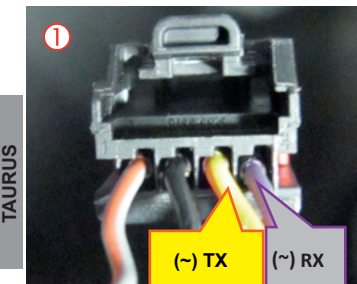
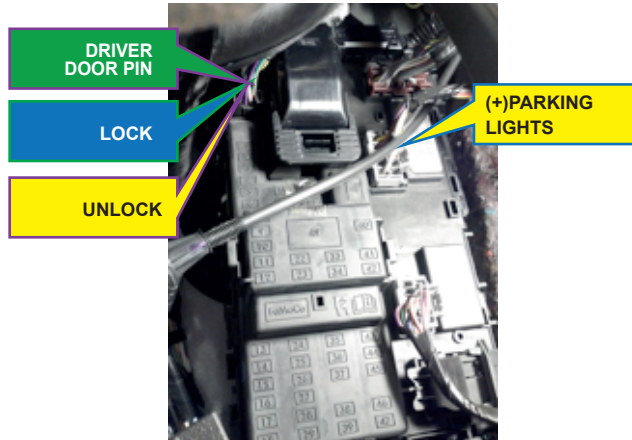
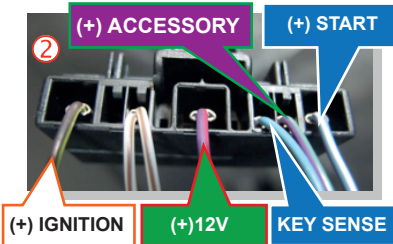
① ② Ignition barrel



③ OBD-II connector



④ BCM Driver side dash board



RX and TX of the module

TAURUS

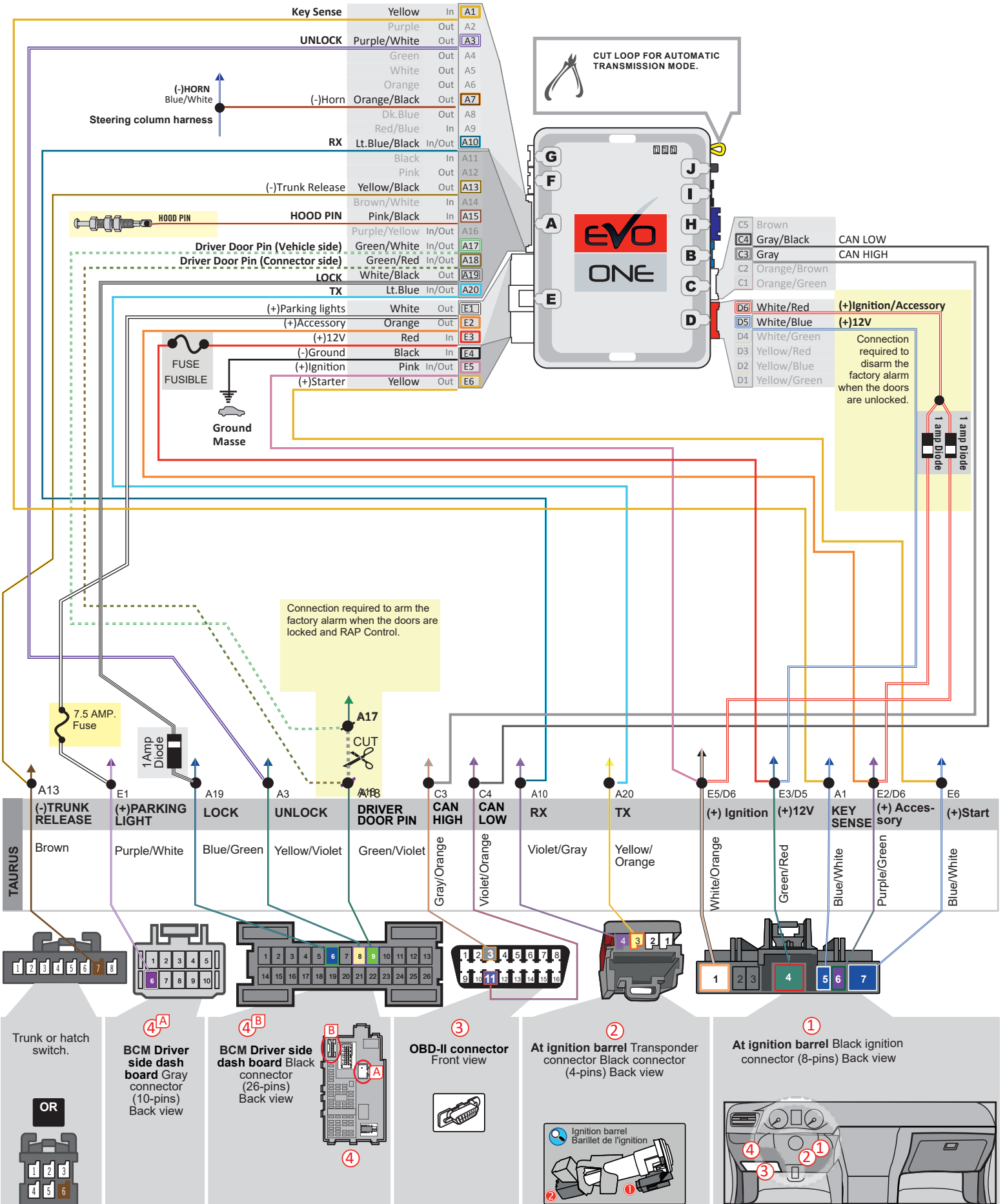
T-HARNESS: 12V BATTERY

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

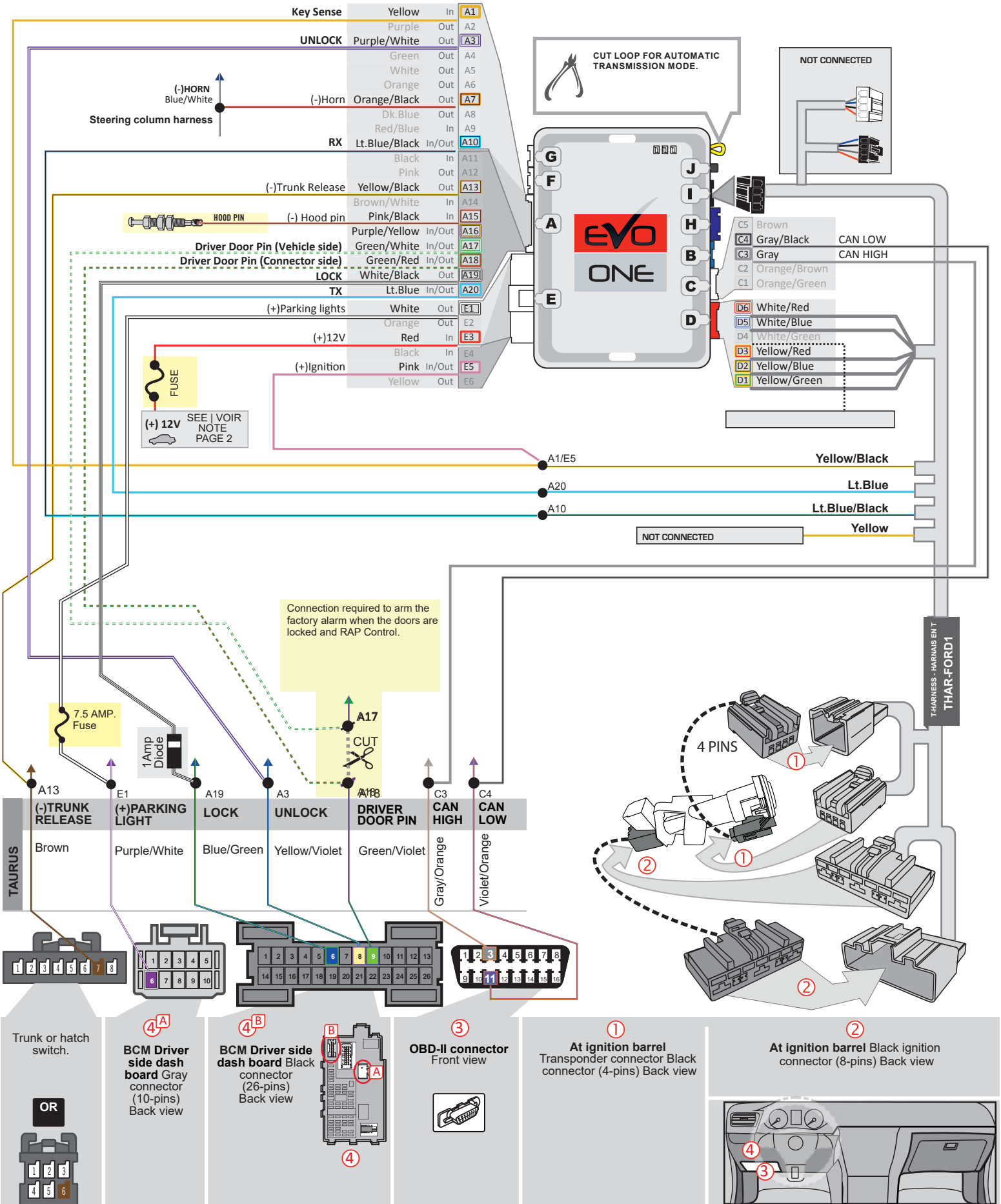
If the parking lights (+) require more than 10Amp. connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

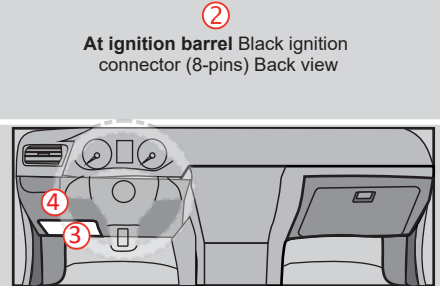
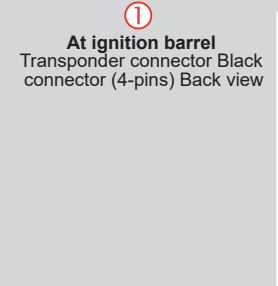
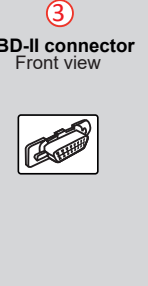
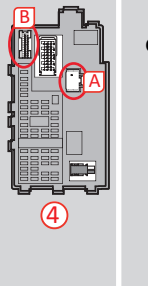
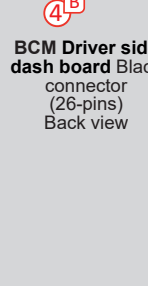
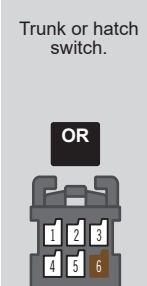
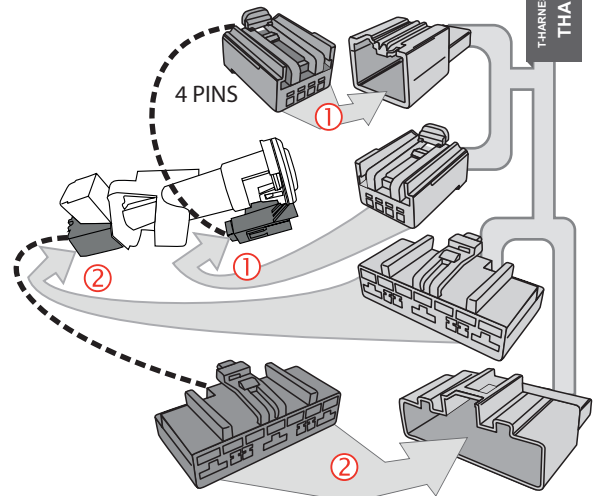
WIRING CONNECTION



THAR-FOR1 - INSTALLATION WIRING



Connection required to arm the factory alarm when the doors are locked and RAP Control.

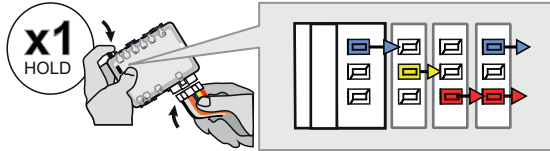


KEY BYPASS PROGRAMMING PROCEDURE 1/2



2 key required for programming

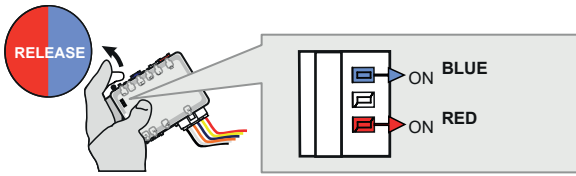
1



Press and hold the programming button:
Insert the 6-Pin Main connector.

The LED will alternate between BLUE, YELLOW, RED, BLUE, YELLOW and RED flashes.

2

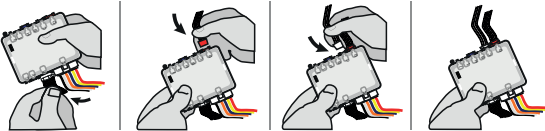


Release the programming button when the LED are BLUE & RED.

If the LED are not solid BLUE and RED disconnect the 6-Pin connector (Main-Harness) and go back to step 1.



3

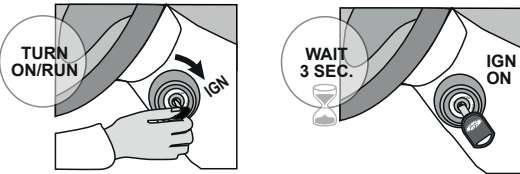


Insert the required remaining connectors.

4



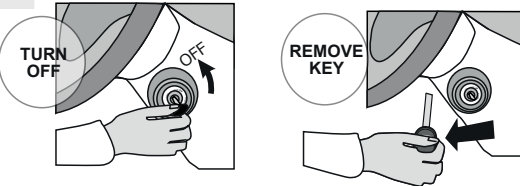
KEY#1



Turn the first functional key to the ON/RUN position.

Wait 3 seconds.

5



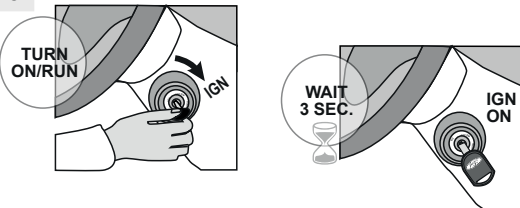
Turn the ignition to the OFF position

and remove the first key.

6



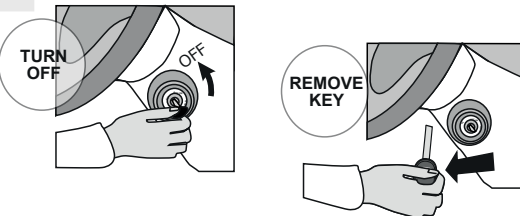
KEY#2



Turn the second functional key to the ON/RUN position.

Wait 3 seconds.

7

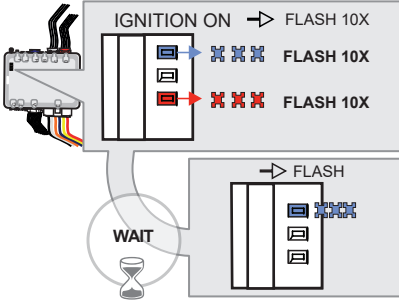
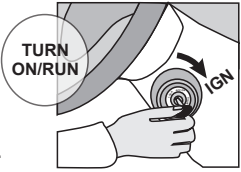


Turn the ignition to the OFF position

and remove the second key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2

8



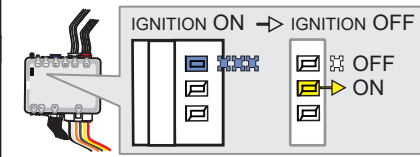
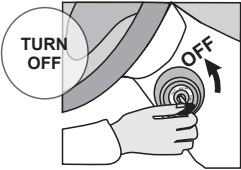
Turn the key to the Ignition ON/RUN position.

↳ The RED AND BLUE LEDs will flash rapidly ten (10) times.
Key bypass programmed.

Wait

↳ The BLUE LED will flash rapidly.
CAN-Bus programmed.

9



Turn the Ignition to the OFF position.

↳ The BLUE LED will turn off.
↳ The YELLOW LED will turn on.



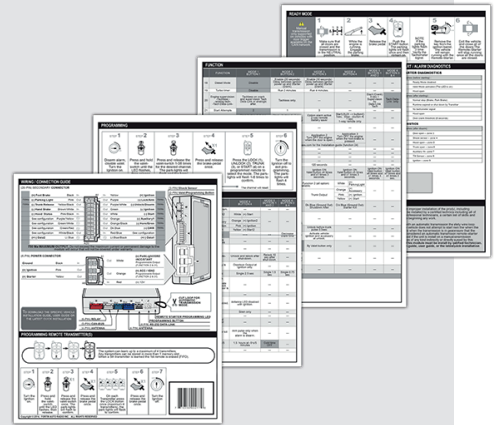
The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER PROGRAMMING PROCEDURE



REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



REMOTE STARTER FUNCTIONALITY



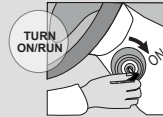
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.




The vehicle can now be put in to gear and driven.

THAR-FOR4 THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

			Vehicle functions supported in this diagram (functional if equipped)																	
VEHICLE	YEARS		Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	RAP Disable	Trunk Release	Horn	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	R.S. OEM remote Stand Alone compatible	
FORD																				
Edge	40-bits	2007-2010	•	•	•	•	•	•	•		•	•	•		•	•	•	•	•	
Escape	40-bits	2008-2012	•	•	•	•	•	•	•		•	•	•		•	•	•	•	•	
	Hybrid 40-bits	2008-2012	•	•	•	•	•	•	•		•	•	•		•	•	•	•	•	
Flex	40-bits	2011-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Fusion	40-bits	2010-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Taurus	40-bits	2008-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
MAZDA																				
Tribute	40-bits	2008-2011	•	•	•	•	•	•	•		•	•	•		•	•	•	•	•	



BYPASS FIRMWARE VERSION

71.[47]

FORD MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

NOTES

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.



Parts required (Not included)

1x 10 Amp. Fuse

MANDATORY INSTALL

* HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH (INCLUDED) MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN.

SECURITY STICKER








Included

Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

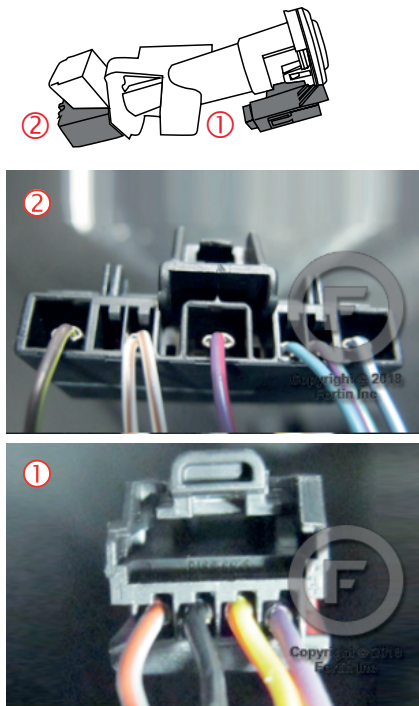
	Program remote starter option for R.S. OEM REMOTE STAND ALONE:	FUNCTION	MODE	DESCRIPTION
		38	2	Enable Press 3x Lock to remote start with the OEM remote.
	Program remote starter option:	FUNCTION	MODE	DESCRIPTION
		31	4	(+) Parking Light (E1) (+) Accessory (E2)
	Program bypass option (If this option is not OFF the Ignition will turn On when the door are unlock):	UNIT OPTION		DESCRIPTION
			A5	AUX.1
	Program bypass option (Vehicle hybrid only):	UNIT OPTION		DESCRIPTION
		D4		Hybrid mode (Vehicle hybrid only)

NOTES

VEHICLE	WIRE	WIRE COLOR	POSITION
FORD			
Edge	40-bits	PARKING LIGHTS	Purple/White Harnais in driver kick panel.
Escape	40-bits	PARKING LIGHTS	Purple/White Driver running board.
	Hybrid 40-bits	PARKING LIGHTS	Purple/White Driver kick panel.
Flex	40-bits	PARKING LIGHTS	Purple/White At Smart Junction Box, Connector D.
Fusion	40-bits	PARKING LIGHTS	Purple/White Harnais in driver kick panel.
Taurus	40-bits	PARKING LIGHTS	Purple/White At Smart Junction Box, Connector E, in driver kick panel.
MAZDA			
Tribute	40-bits	PARKING LIGHTS	Purple/White Driver running board.

① ②

Ignition barrel

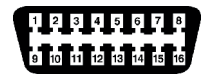
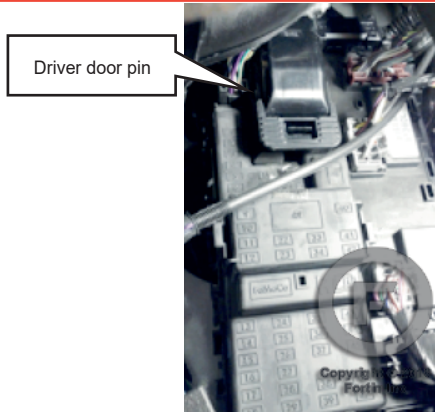


④

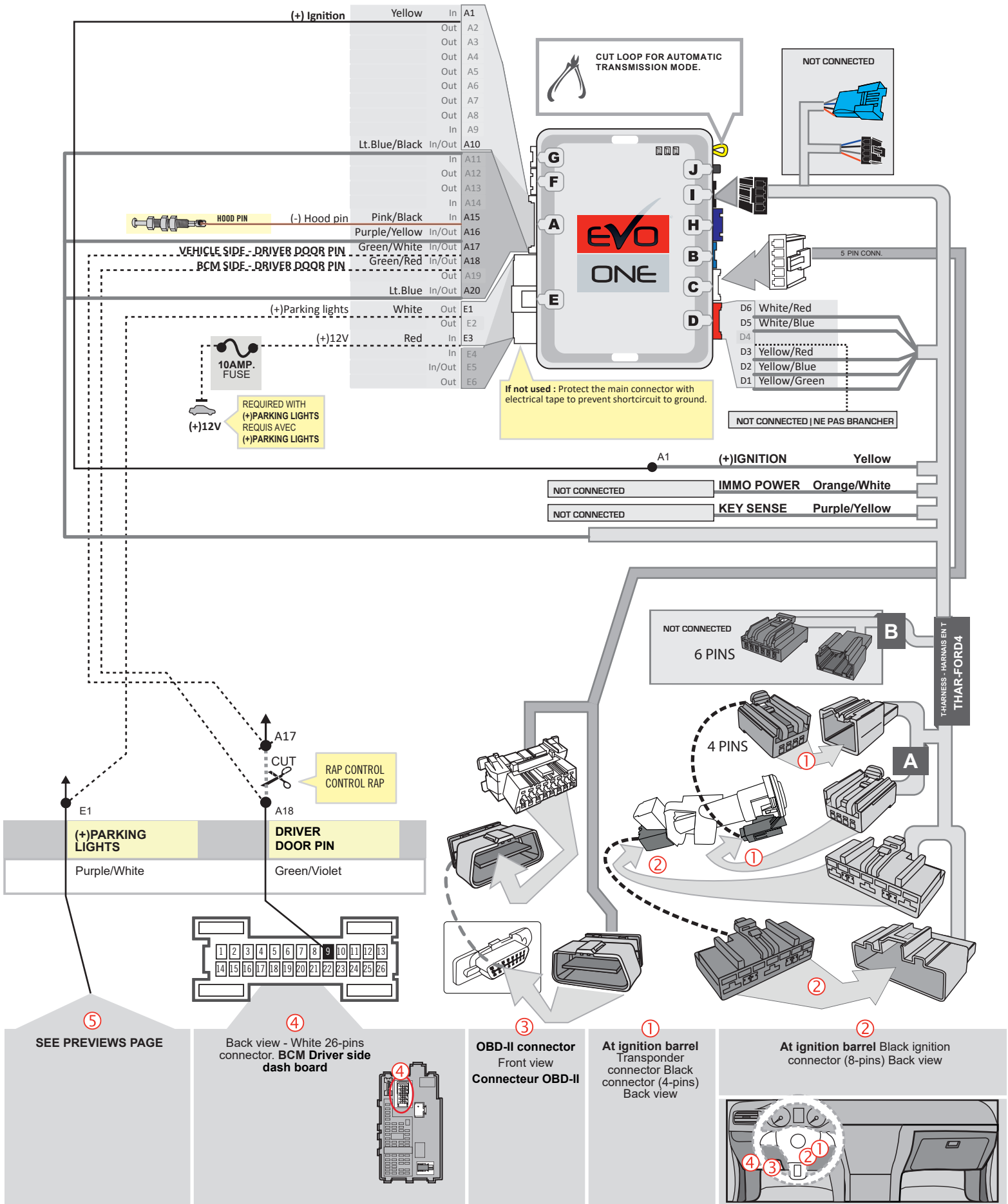
BCM Driver side dash board

③

OBD-II connector

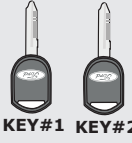


WIRING CONNECTION



KEY BYPASS PROGRAMMING PROCEDURE |

Choose between : Choisir entre:

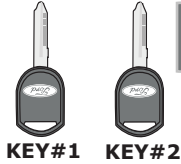


2 key programming.

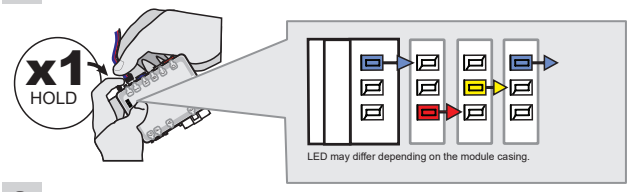


DCRYPTOR and 1 key programming.

2 KEY REQUIRED

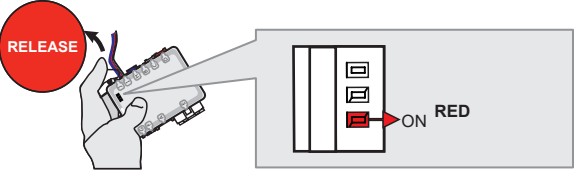


1



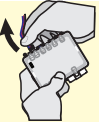
Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).
 ↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

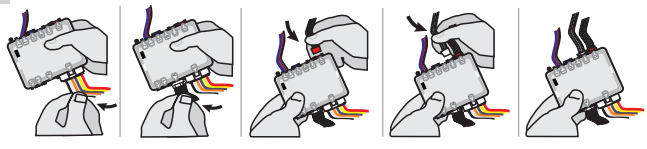


Release the programming button when the Red LEDs is ON.

If the Red LED is NOT ON solid disconnect the 4-PIN Data-link harness (Black connector).

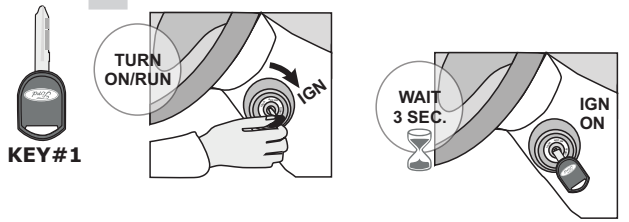


3



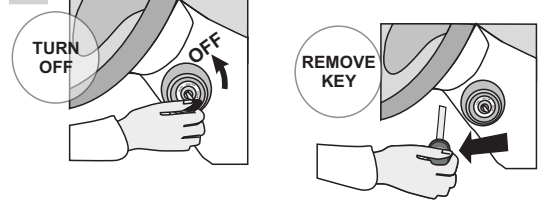
Connect the required remaining harnesses.

4



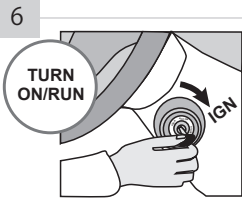
Turn the first functional key to the Ignition ON/RUN position.
Wait 3 seconds.

5



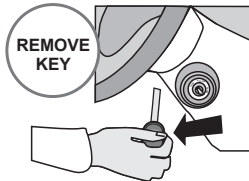
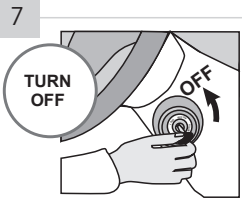
Turn the key to the OFF position.
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2 |



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



Turn the key to the OFF position.

Remove the second key.

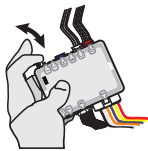
8



CAUTION The following step must be completed within 5 seconds.

5 sec. max

x1 PRESS

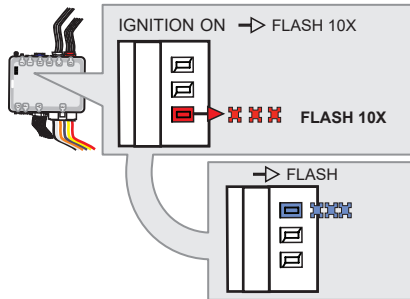


Ignition ON



Press and release the programming button.

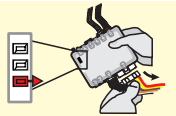
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times.
Key bypass programmed.

↳ The BLUE LED will flash rapidly.
CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE |



Parts required (not included)

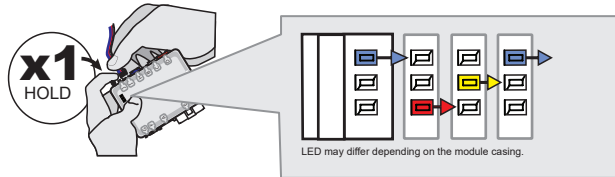
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- 1x Smartphone Android or iOS with Internet connection
(Internet provider charges may apply)



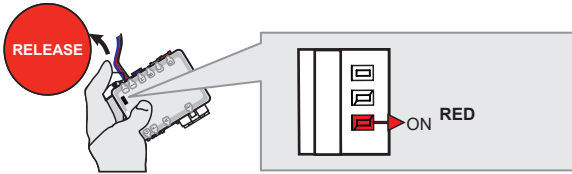
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

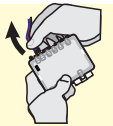
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

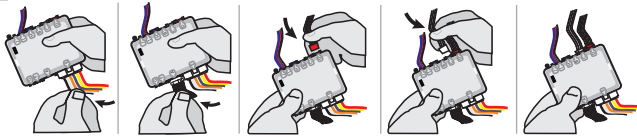


Release the programming button when the Red LEDs is ON.

If the Red LED is NOT ON solid disconnect the 4-PIN Data-link harness (Black connector).

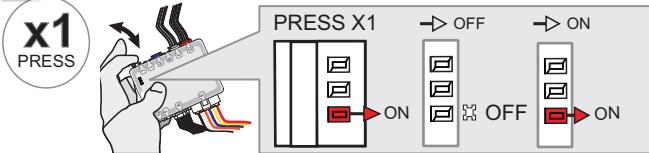


3



Connect the required remaining harnesses.

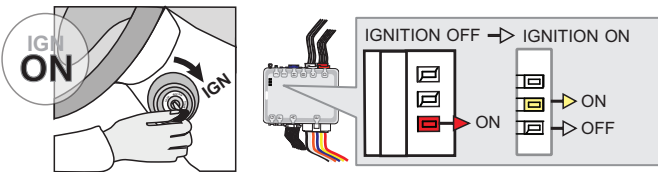
4



Press and release the programming button once (1x).

↳ *The RED LED will flash once.*

5

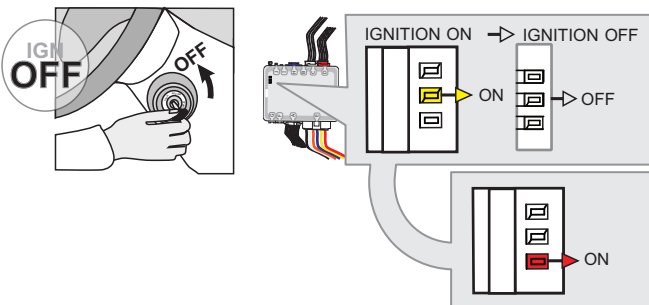


Turn the key to the Ignition ON/RUN position.

↳ *The RED LED will turn OFF.*

↳ *The YELLOW LED will turn on.*

6

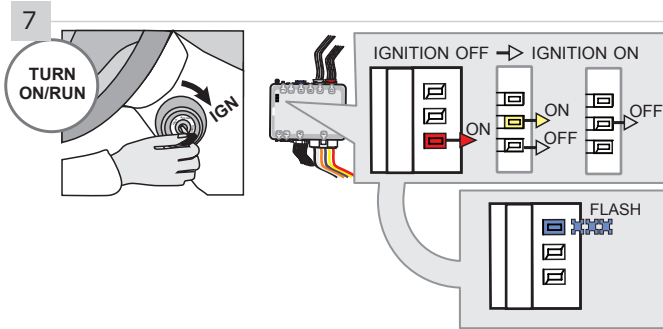


Turn the key to the Ignition OFF position.

↳ *The YELLOW LED will turn OFF.*

↳ *The RED LED will turn on.*

KEY BYPASS PROGRAMMING PROCEDURE 2/2 |

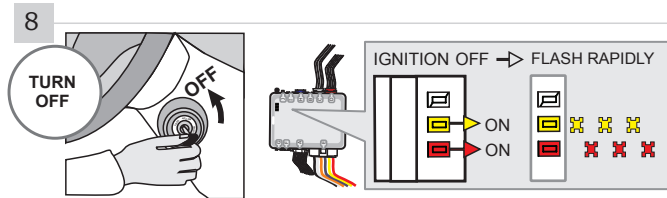


Turn the key to the Ignition ON/RUN position.

↳The YELLOW LED will turn on and off.

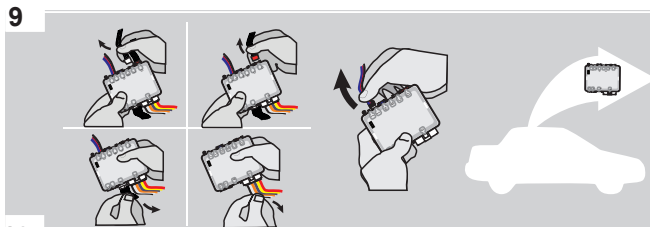
↳The RED LED will turn OFF.

↳WAIT, the BLUE LED to flash rapidly.

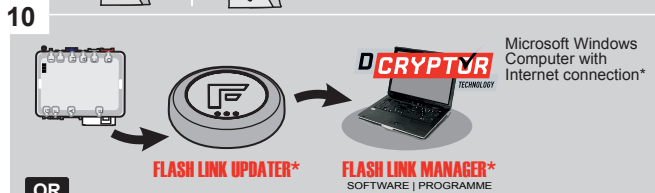


Turn the key to the OFF position.

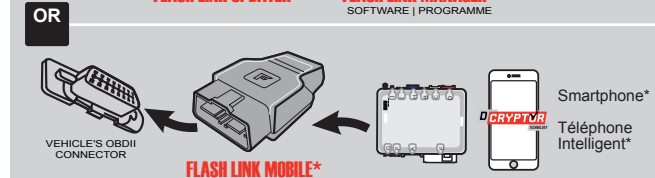
↳The RED and YELLOW LEDs will alternate.



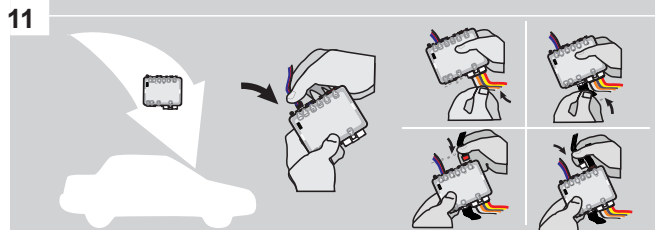
Disconnect all connectors and after the 4-PIN Data-link harness (Black connector).



Use the tool: FLASH LINK UPDATER or FLASH LINK MOBILE to visit the DCryptor menu.



*Parts required (not included)



AFTER DCRYPTOR PROGRAMMING COMPLETED Go back to the vehicle and reconnect the the 4-PIN Data-link harness (Black connector) and after all the remaining connector.



The module is now programmed.



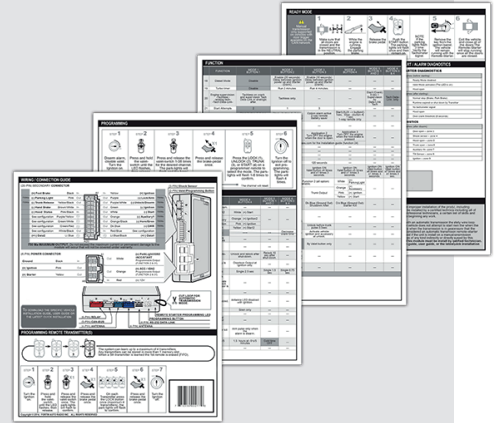
REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER PROGRAMMING PROCEDURE |



REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



THAR-FOR4 THARNES INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)																
		Immobilizer bypass	Lock	Unlock	Arm	Disarm	RAP Disable	Parking Lights	Trunk Release	Horn	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	R.S. OEM remote Stand Alone compatible
FORD																		
Edge	80-bits (SA KEY)	2011-2014	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Explorer	80-bits (SA KEY)	2011-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Expedition	80-bits (SA KEY)	2015-2017	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F150	80-bits (SA KEY)	2011-2014	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F250	80-bits (SA KEY)	2011-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F350	80-bits (SA KEY)	2011-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F450	80-bits (SA KEY)	2011-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F550	80-bits (SA KEY)	2011-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Flex	80-bits (SA KEY)	2013-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Taurus	80-bits (SA KEY)	2013-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
LINCOLN																		
MKX	80-bits (SA KEY)	2011-2013	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

BYPASS FIRMWARE VERSION

71.[52]

FORD MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

	FUNCTION	MODE	DESCRIPTION
 Program remote starter option:	31	4	(+) Parking Light (E1) (+) Accessory (E2)

	UNIT OPTION	DESCRIPTION				
 Program bypass option:	A5	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; background-color: #28a745; color: white; padding: 5px;">ON</td> <td>AUX.1 By default with OEM alarm</td> </tr> <tr> <td style="text-align: center; background-color: #dc3545; color: white; padding: 5px;">OFF</td> <td>AUX.1 without OEM alarm</td> </tr> </table>	ON	AUX.1 By default with OEM alarm	OFF	AUX.1 without OEM alarm
ON	AUX.1 By default with OEM alarm					
OFF	AUX.1 without OEM alarm					

NOTES

ATTENTION THE T-HARNES CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

MANDATORY INSTALL

*** HOOD PIN**

HOOD STATUS : THE HOOD PIN SWITCH (INCLUDED) MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

SECURITY STICKER

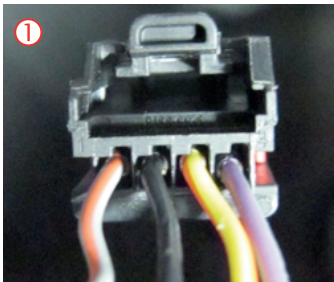
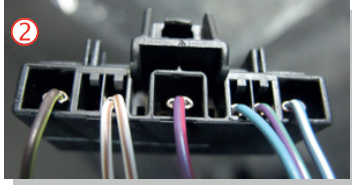
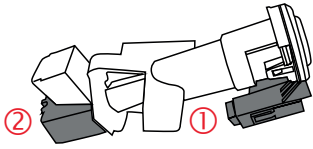
Included

Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.

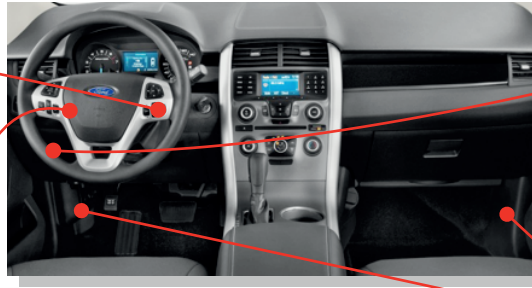
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

① ② Ignition barrel

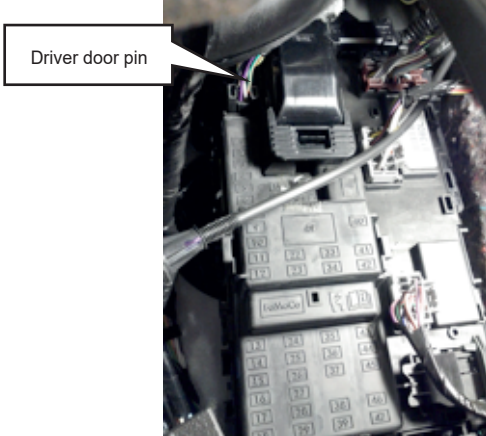
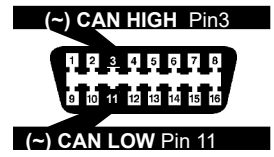


RX and TX of the module



④ BCM Driver side dash board

③ OBD-II connector

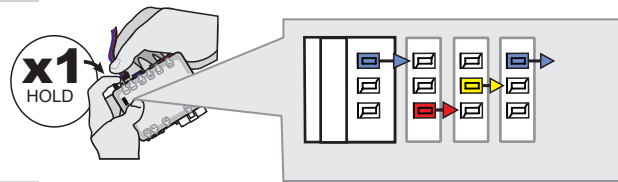


F-150, F-250, F-350, F450:

BCM Passenger side dash board
Black connector (26-pins) Back view
or
Driver kick panel Running board harness

KEY BYPASS PROGRAMMING PROCEDURE 1/2

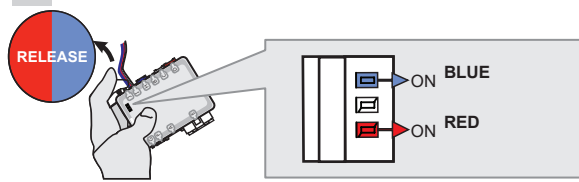
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

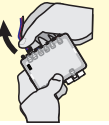
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

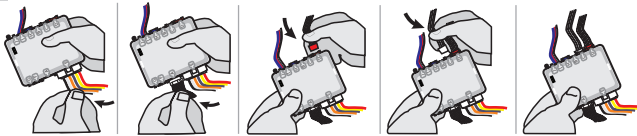


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector).

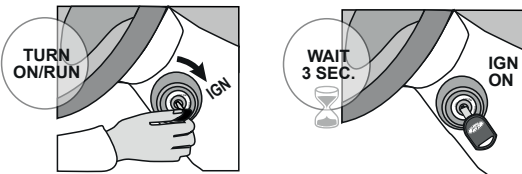


3



Connect the required remaining harnesses.

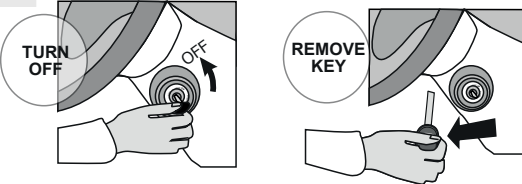
4



Turn the first functional key to the ON/RUN position.

Wait 3 seconds.

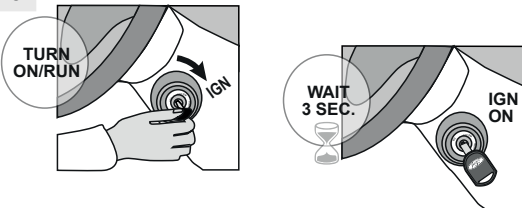
5



Turn the ignition to the OFF position

and remove the first key.

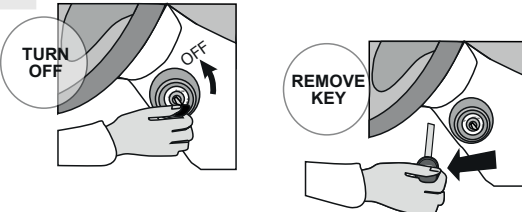
6



Turn the second functional key to the ON/RUN position.

Wait 3 seconds.

7



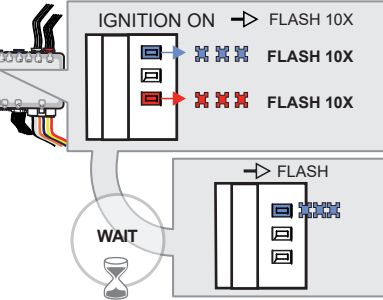
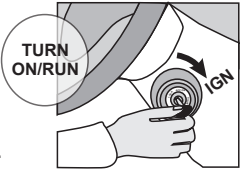
Turn the ignition to the OFF position

and remove the second key.



KEY BYPASS PROGRAMMING PROCEDURE 2/2

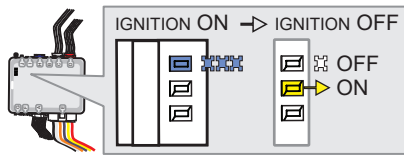
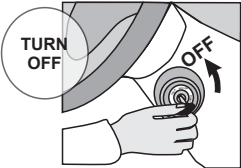
8



Turn the key to the Ignition ON/RUN position.
 ↳ The RED AND BLUE LEDs will flash rapidly ten (10) times.
 Key bypass programmed.

Wait
 ↳ The BLUE LED will flash rapidly.
 CAN-Bus programmed.

9



Turn the Ignition to the OFF position.
 ↳ The BLUE LED will turn off.
 ↳ The YELLOW LED will turn on.



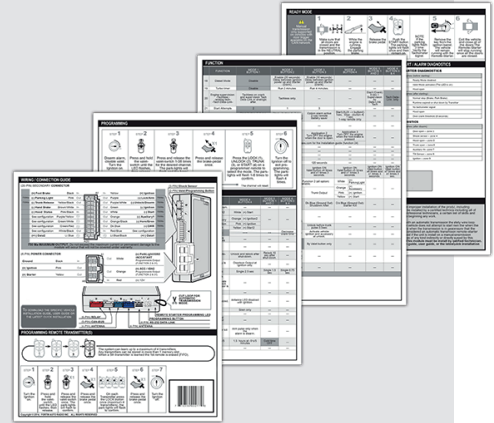
The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER PROGRAMMING PROCEDURE



REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



THAR-FOR4 THARNES INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)																
		Immobilizer bypass	T-harness	Lock	Unlock	Arm	Disarm	RAP Disable	Trunk Release	Horn	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	R.S. OEM remote Stand Alone compatible
FORD																		
Escape	40-bits 2011-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Hybrid 40-bits 2008-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•


BYPASS FIRMWARE VERSION
71.[47]

FORD MINIMUM

 To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

Program bypass option:
UNIT OPTION
DESCRIPTION
C1

OEM Remote status (Lock/Unlock) monitoring

D5

Lock after start


Program bypass option (Vehicle hybrid only):
UNIT OPTION
DESCRIPTION
D4

Hybrid mode (Vehicle hybrid only)


Program remote starter option:
FUNCTION
MODE
DESCRIPTION
31
4

 (+) Parking Light (E1)
 (+) Accessory (E2)

Program remote starter option for R.S. OEM REMOTE STAND ALONE:
FUNCTION
MODE
DESCRIPTION
38
2

 Enable
 Press 3x Lock to remote start with the OEM remote.

MANDATORY INSTALL
*** HOOD PIN**

HOOD STATUS: THE HOOD PIN SWITCH (INCLUDED) MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN.

SECURITY STICKER


Included

Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

NOTES

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

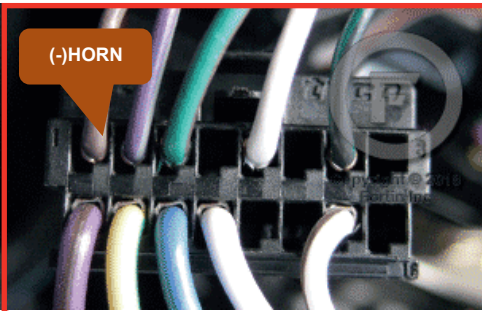


Parts required (Not included)

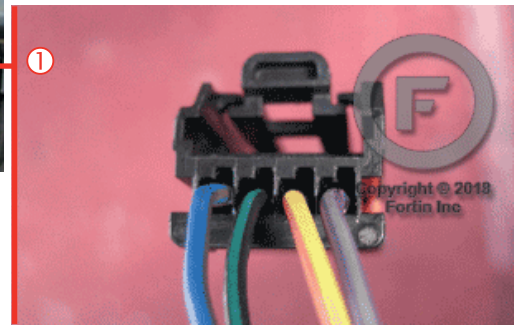
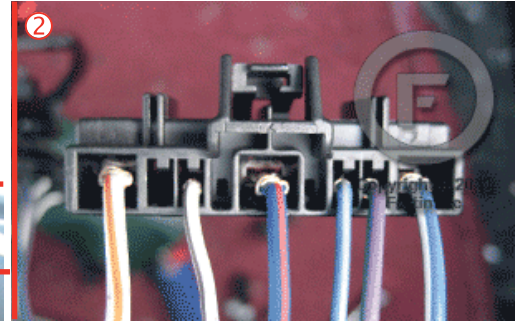
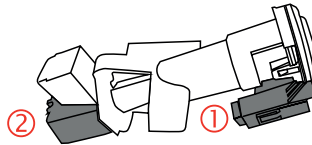
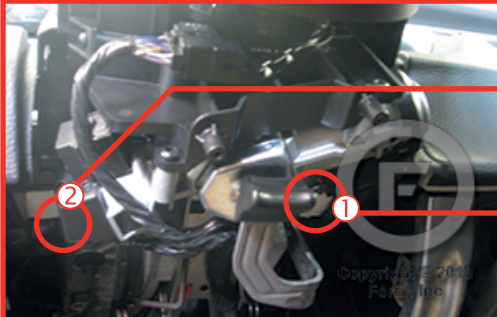
1x

Fuse 10Amp.

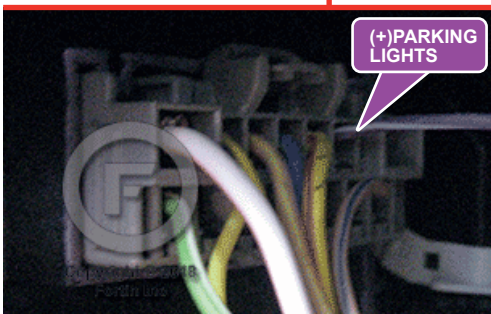
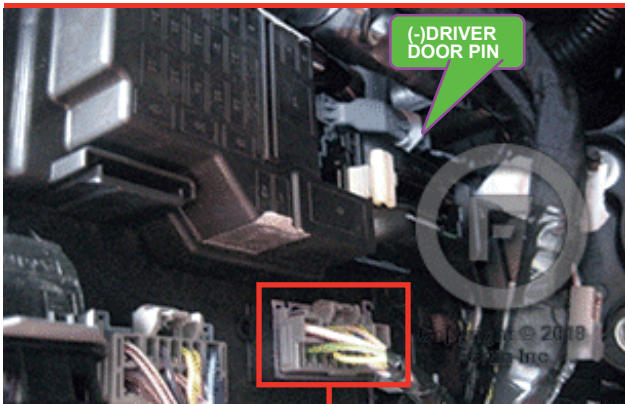
⑥ At steering column



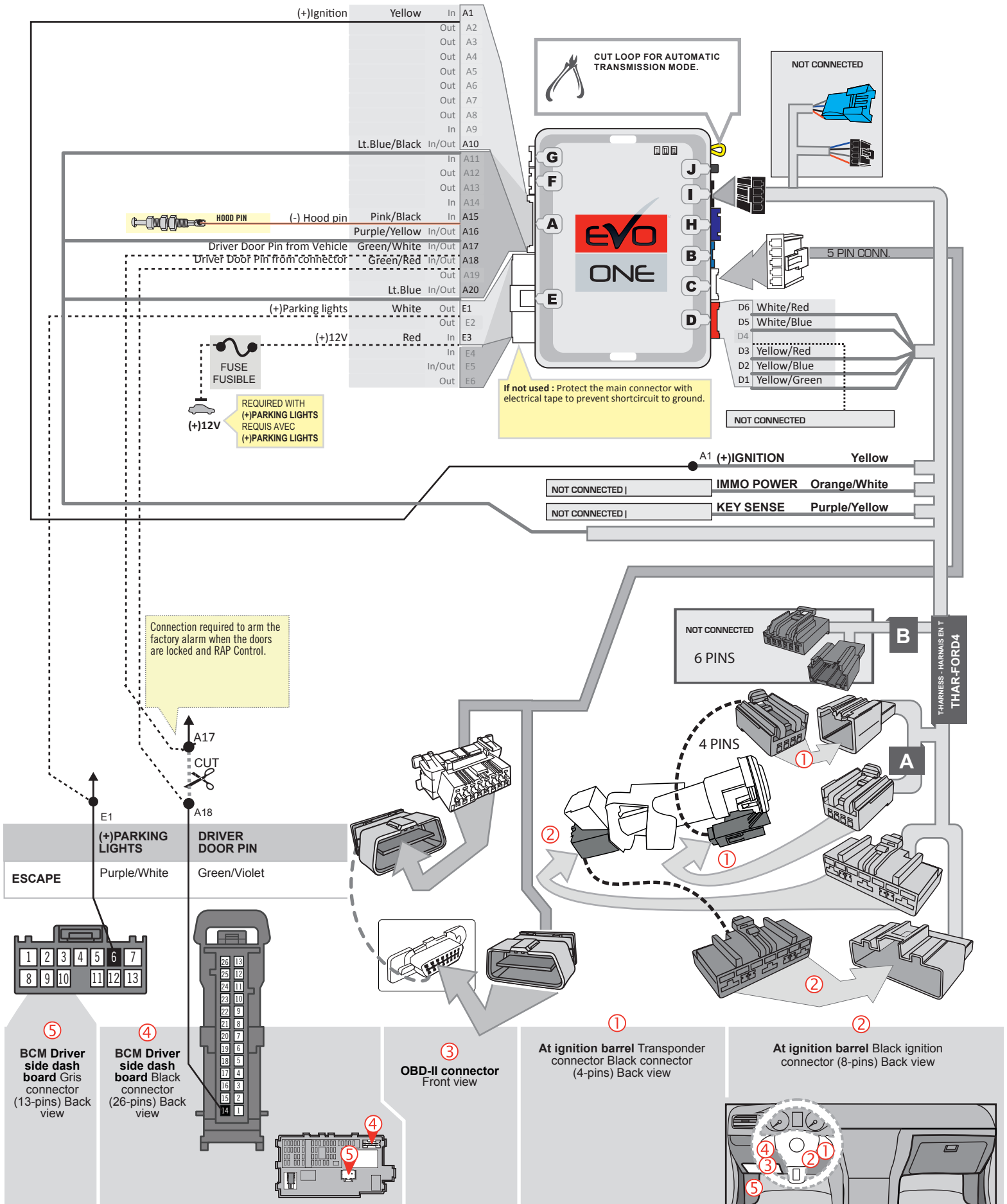
Ignition barrel



⑤ BCM Driver side dash board




WIRING CONNECTION



KEY BYPASS PROGRAMMING PROCEDURE |

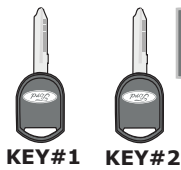
Choose between :



2 key programming.

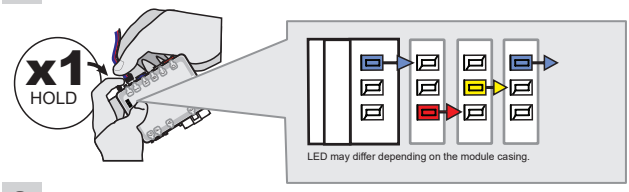


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

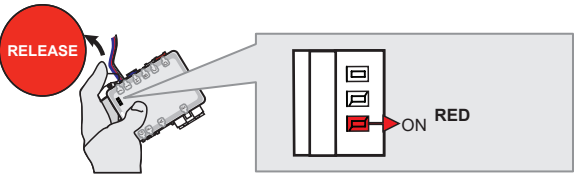
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

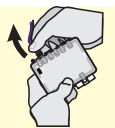
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

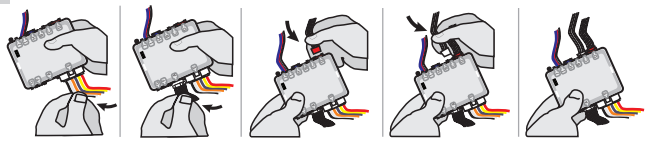


Release the programming button when the Red LEDs is ON.

If the Red LED is NOT ON solid disconnect the 4-PIN Data-link harness (Black connector).

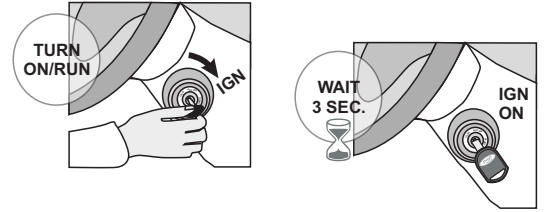


3



Connect the required remaining harnesses.

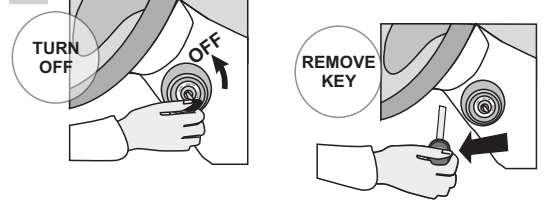
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

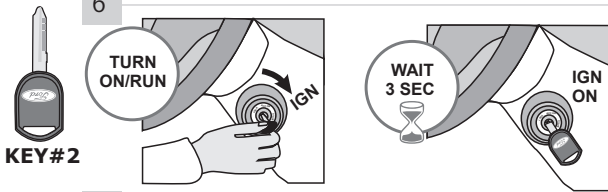
5



Turn the key to the OFF position.

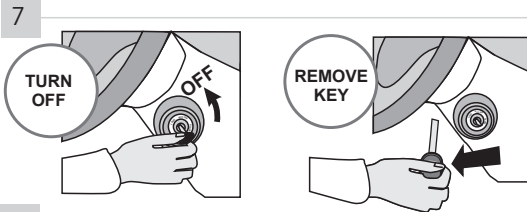
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2 |



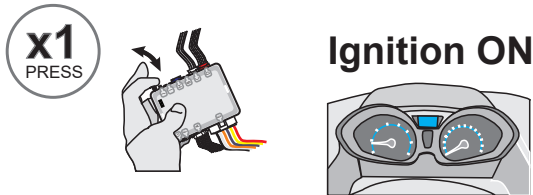
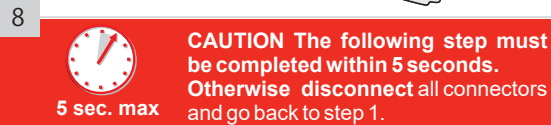
Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



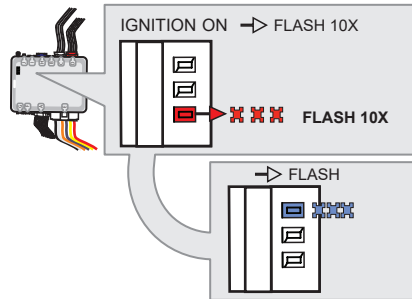
Turn the key to the OFF position.

Remove the second key.



Press and release the programming button.

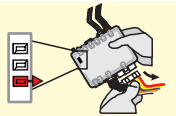
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE |



Parts required (not included)

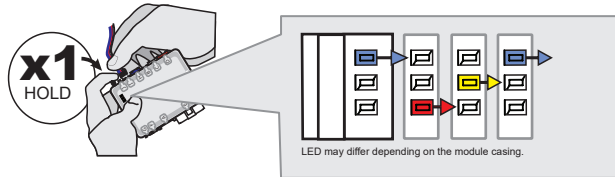
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection
Ordinateur Microsoft Windows avec connection Internet

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
Smartphone Android or iOS with Internet connection
(Internet provider charges may apply)
- 1x



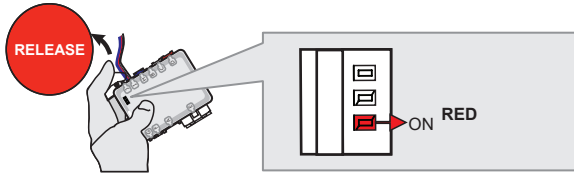
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

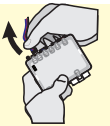
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

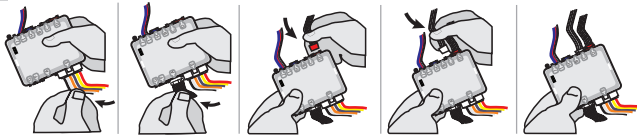


Release the programming button when the Red LEDs is ON.

If the Red LED is NOT ON solid disconnect the 4-PIN Data-link harness (Black connector).

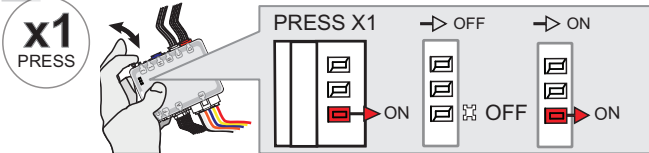


3



Connect the required remaining harnesses.

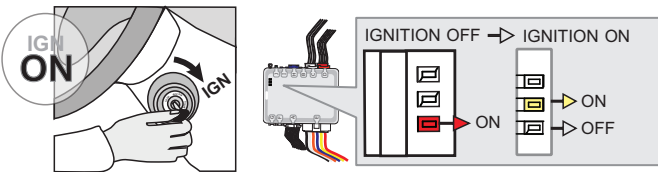
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5

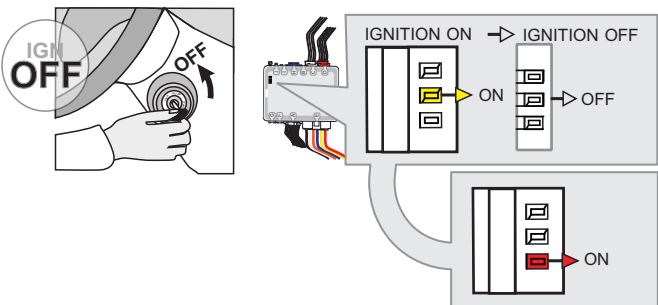


Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

6

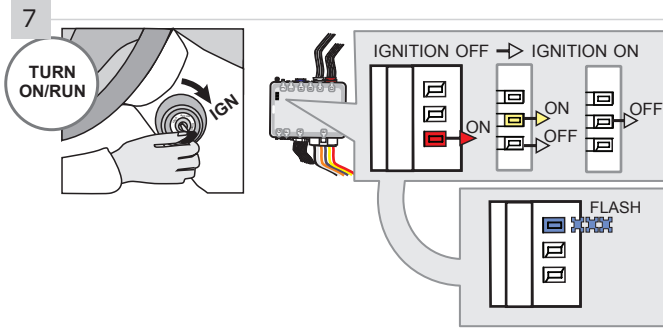


Turn the key to the Ignition OFF position.

↳ The YELLOW LED will turn OFF.

↳ The RED LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/2 |

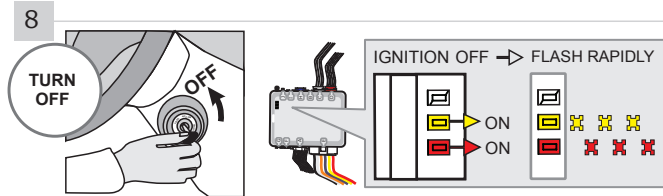


Turn the key to the Ignition ON/RUN position.

↳The YELLOW LED will turn on and off.

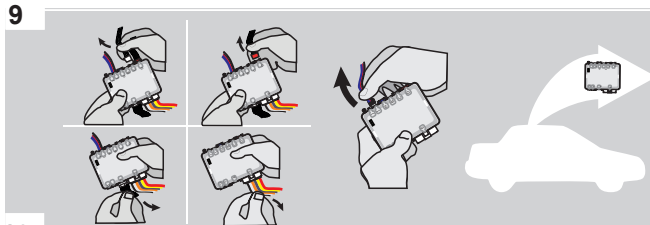
↳The RED LED will turn OFF.

↳WAIT, the BLUE LED to flash rapidly.

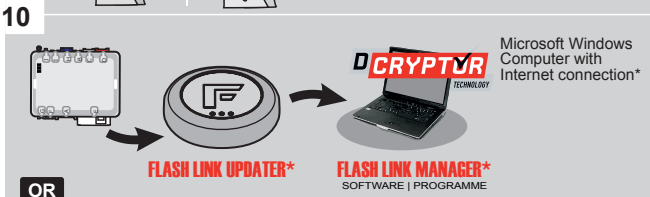


Turn the key to the OFF position.

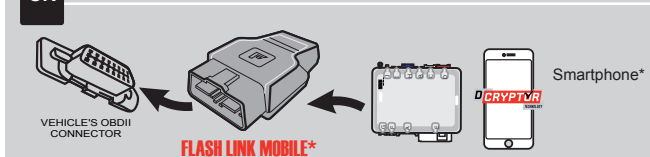
↳The RED and YELLOW LEDs will alternate.



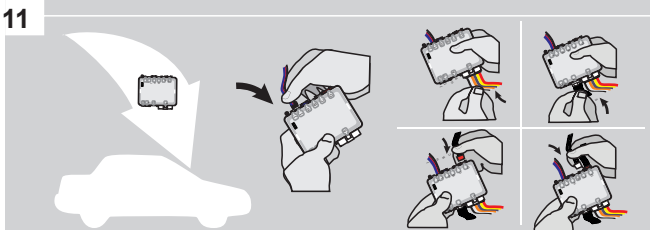
Disconnect all connectors and after the 4-PIN Data-link harness (Black connector).



Use the tool: **FLASH LINK UPDATER** or **FLASH LINK MOBILE** to visit the DCRYPTOR menu.



*Parts required (not included)



AFTER DCRYPTOR PROGRAMMING COMPLETED Go back to the vehicle and **reconnect** the the 4-PIN Data-link harness (Black connector) and after all the remaining connector.



The module is now programmed.



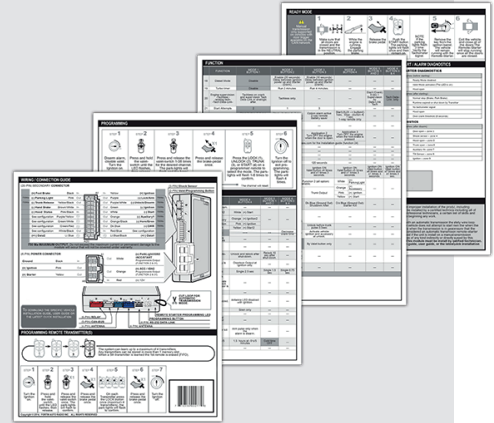
REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER PROGRAMMING PROCEDURE |



REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



THAR-FOR4 THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION


Vehicle functions supported in this diagram (functional if equipped)

VEHICLE VEHICLES	YEARS	Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Parking Lights	Horn	RAP Disable	Trunk Release	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	R.S. OEM remote Stand Alone compatible
Escape	80-BITS 2013-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
C-Max Hybrid	80-BITS 2013-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Transit Connect	80-BITS 2014-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•


BYPASS FIRMWARE VERSION

71.[52]

FORD MINIMUM

 To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:

A11

OFF

Hood trigger (Output Status).


Program bypass option (Vehicle hybrid only):
UNIT OPTION
DESCRIPTION

D4

Hybrid mode (Vehicle hybrid only)


Program remote starter option:
FUNCTION
MODE
DESCRIPTION

31

4

 (+) Parking Light (E1)
 (+) Accessory (E2)

NOTES

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.


Parts required (Not included)

- 1x Diode 1 Amp
- 2x Diode 3 Amp

MANDATORY INSTALL

*** HOOD PIN**

HOOD STATUS : THE HOOD PIN SWITCH (INCLUDED) MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11

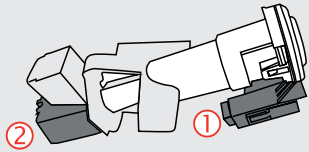
OFF
SECURITY STICKER


Included

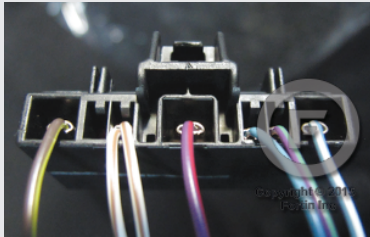
Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

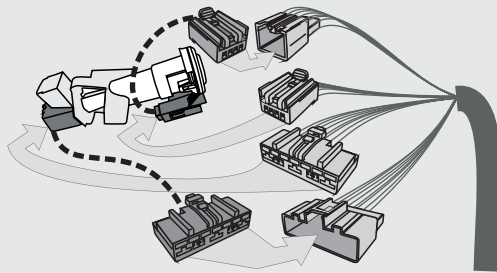
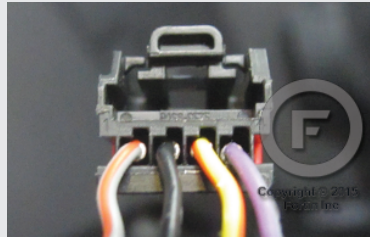
DESCRIPTION



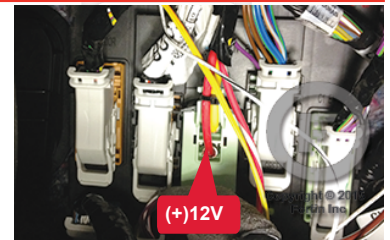
② At ignition barrel



① Immobiliser RX and TX of the module

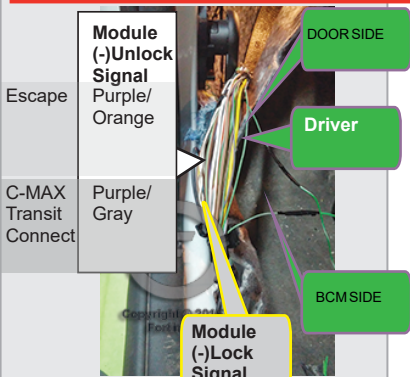


④ BCM, Fuse box, behind glove box



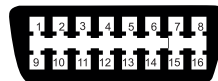
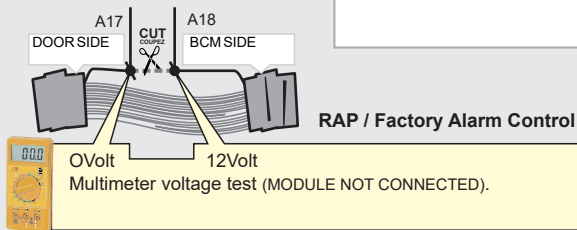
Harness under passenger-side carpet.

⑤ Driver kick panel

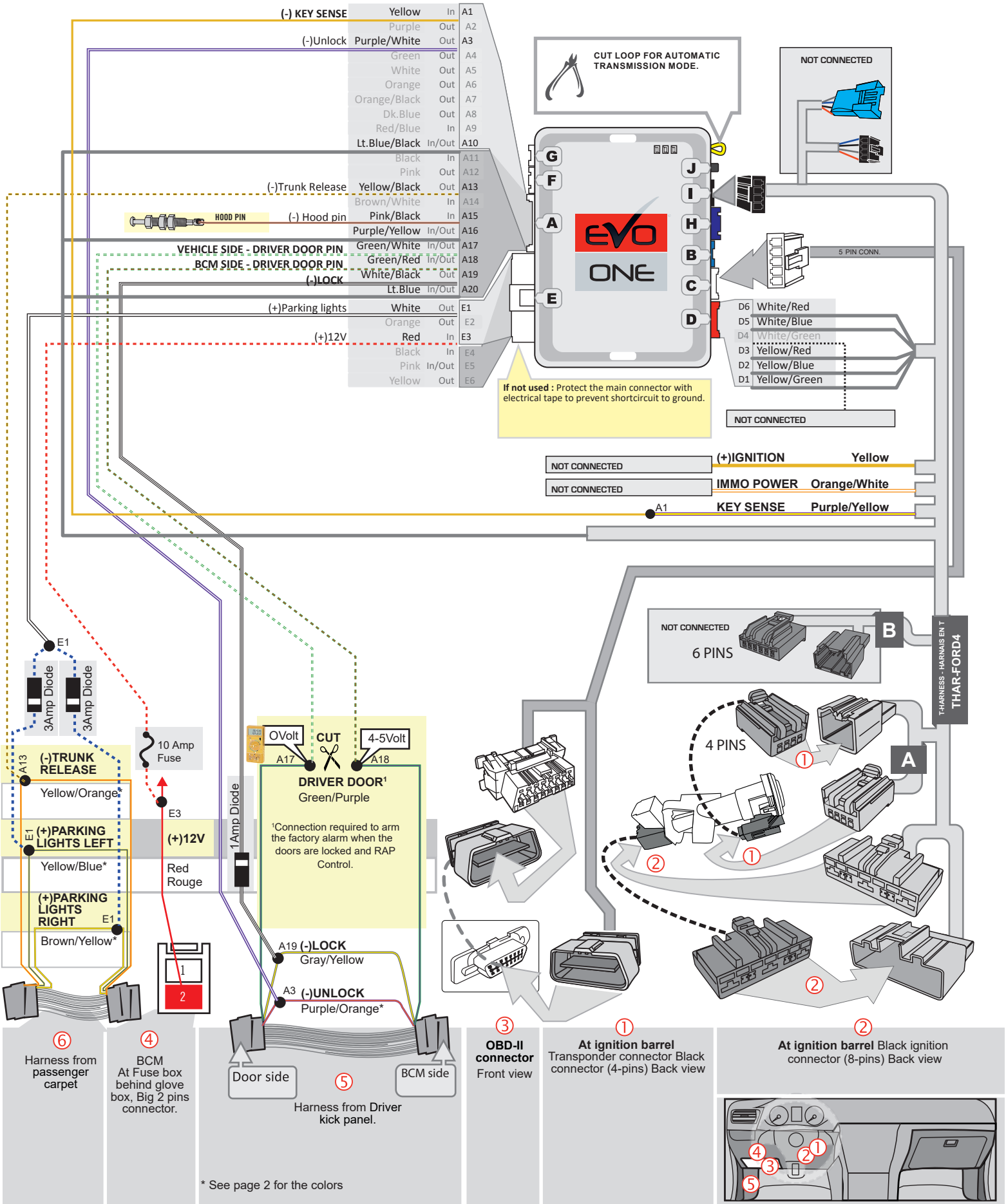


③ OBD-II connector

	(+)Parking Lights left	(+)Parking Lights right	(-)Trunk release
Escape Kuga	Purple/ Green	Purple/ Green	Brown
C-MAX Transit Connect	Purple/ Green	Purple/ Green	Brown
Transit Connect	Yellow/ Blue	Brown/ Yellow	Yellow/ Orange

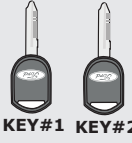


WIRING CONNECTION



KEY BYPASS PROGRAMMING PROCEDURE

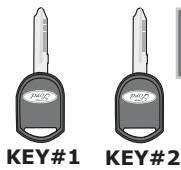
Choose between :



2 key programming.

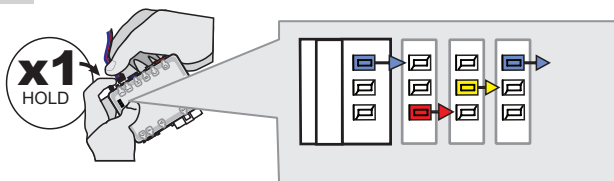


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

1

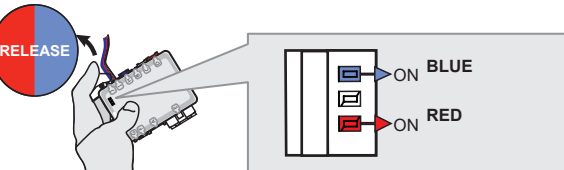


x1 HOLD

Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

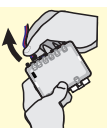


RELEASE

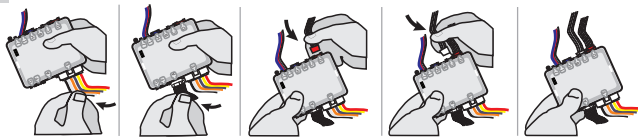
ON BLUE
ON RED

Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector).



3



Connect the required remaining harnesses.

4



TURN ON/RUN
IGN

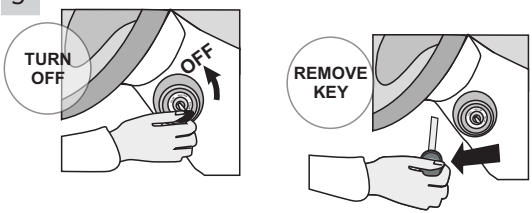
WAIT 3 SEC.
IGN ON

KEY#1

Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

5



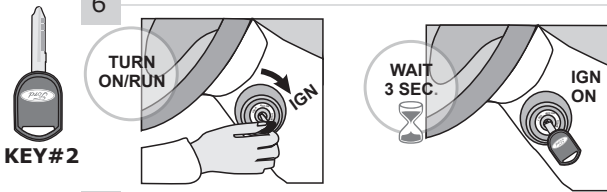
TURN OFF
OFF

REMOVE KEY

Turn the key to the OFF position.

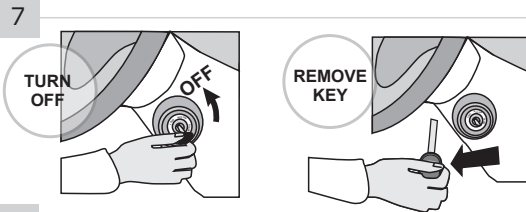
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



Turn the key to the OFF position.

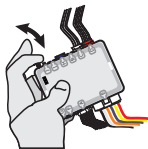
Remove the second key.

8

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.

5 sec. max

x1
PRESS
HOLD
RELEASE

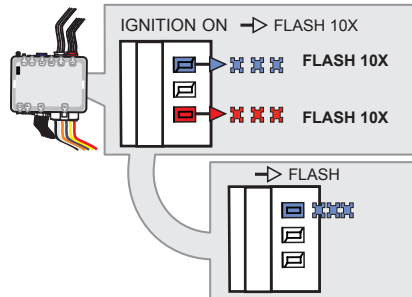


Ignition ON



Press and hold the programming button until the vehicle ignition turn ON.

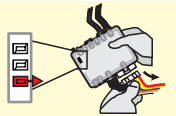
Release the programming button.



↳ The RED and BLUE LEDs will flash rapidly 10x times.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

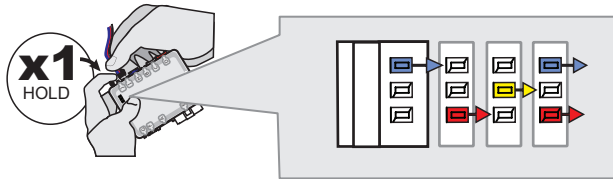
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- Smartphone *Android* or *iOS* with Internet connection
(Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

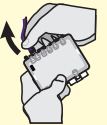
1



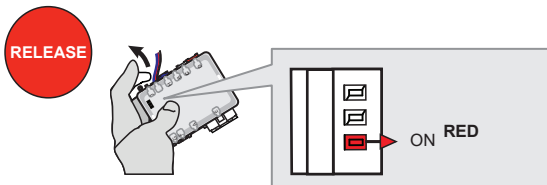
Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

↳ The LEDs will alternate between BLUE, RED, YELLOW & BLUE/RED flashes.

If the RED LED is ON solid disconnect the 4-PIN Data-link harness (Black connector).

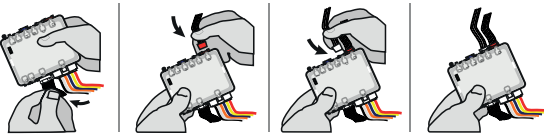


2



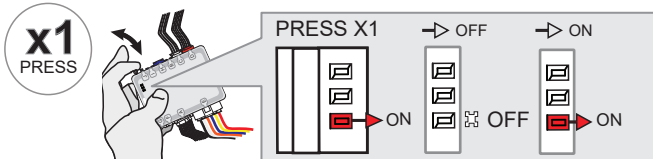
Release the programming button when the LED is RED.

3



Insert the required remaining connectors.

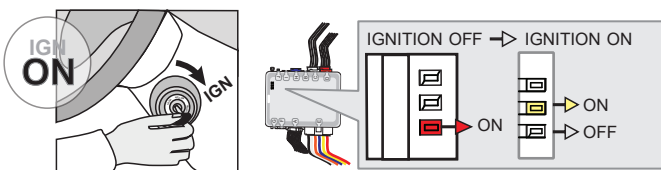
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



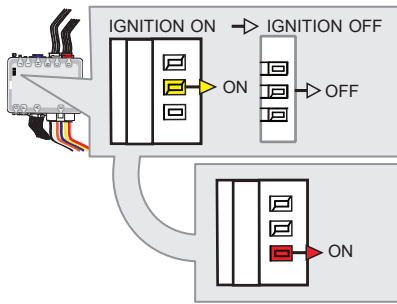
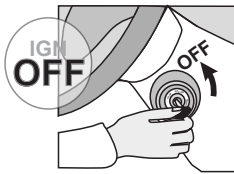
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

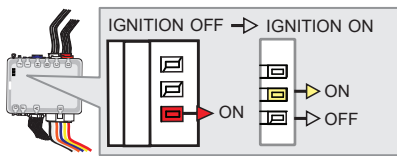
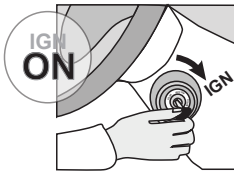
6



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

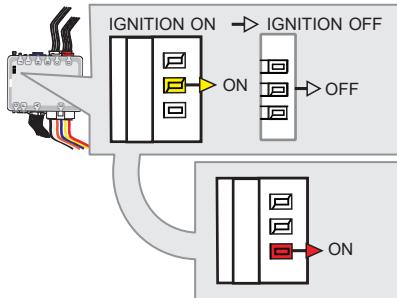
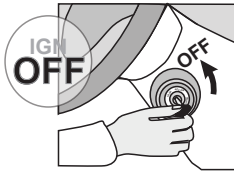
↳The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳The RED LED will turn OFF.
↳The YELLOW LED will turn on.

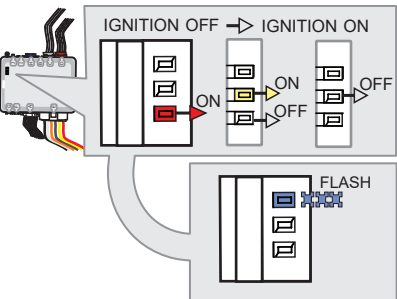
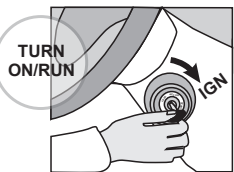
8



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

↳The RED LED will turn on.

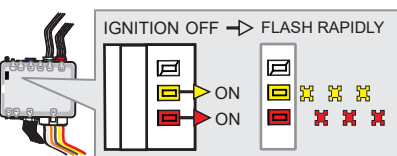
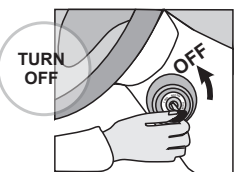
9



Turn the key to the Ignition ON/RUN position.
↳The YELLOW LED will turn on and off.
↳The RED LED will turn OFF.

↳WAIT, the BLUE LED to flash rapidly.

10

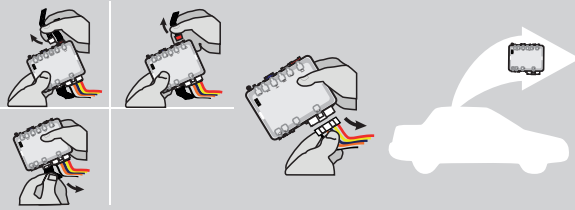


Turn the key to the OFF position.

↳The RED and YELLOW LEDs will alternate.

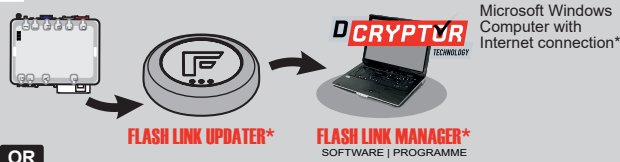
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



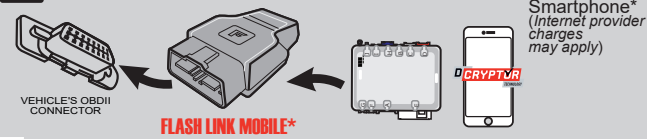
Disconnect all connectors and after the 6-Pin (Main-Harness) or the 4-Pin Data-link connector.

12



Microsoft Windows Computer with Internet connection*

OR

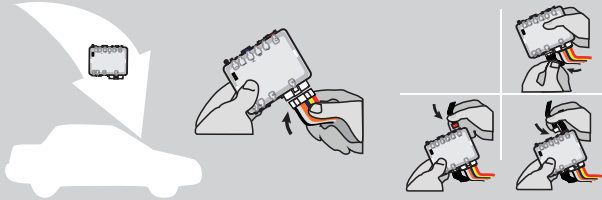


Smartphone* (Internet provider charges may apply)

Use the tool:
FLASH LINK UPDATER or
FLASH LINK MOBILE
to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 6-Pin (Main-Harness) or the 4-pins (Data-Link) connector and after all the remaining connector.



The module is now programmed.



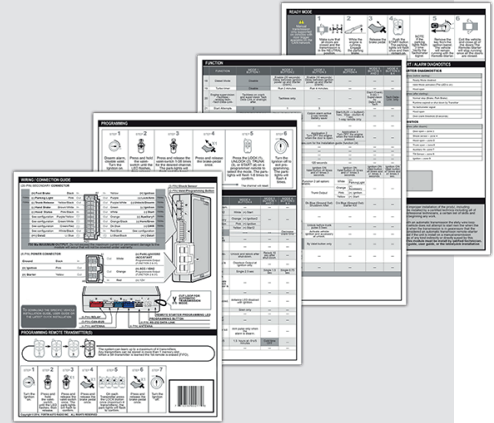
REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER PROGRAMMING PROCEDURE



REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



THAR-FOR4 THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Parking Lights	Horn	RAP Disable	Trunk Release	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	R.S. OEM remote Stand Alone compatible	
FORD																				
Escape	80-BITS 2017-2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



BYPASS FIRMWARE VERSION

71.[52]

FORD MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.



Program bypass option:

UNIT OPTION

DESCRIPTION

C1

OEM Remote status (Lock/Unlock) monitoring



IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:

A11

OFF

Hood trigger (Output Status).



Program remote starter option:

FUNCTION

MODE

DESCRIPTION

31

4

(+) Parking Light (E1)
(+) Accessory (E2)



Program remote starter option for R.S. OEM REMOTE STAND ALONE:

FUNCTION

MODE

DESCRIPTION

38

2

Enable Press 3x Lock to remote start with the OEM remote.



Parts required (Not included)

- 2x Diode 3 Amp
- 1x Fuse 10 AMP
- 1x **THAR-FOR4**

MANDATORY INSTALL

* HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH (INCLUDED) MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

SECURITY STICKER

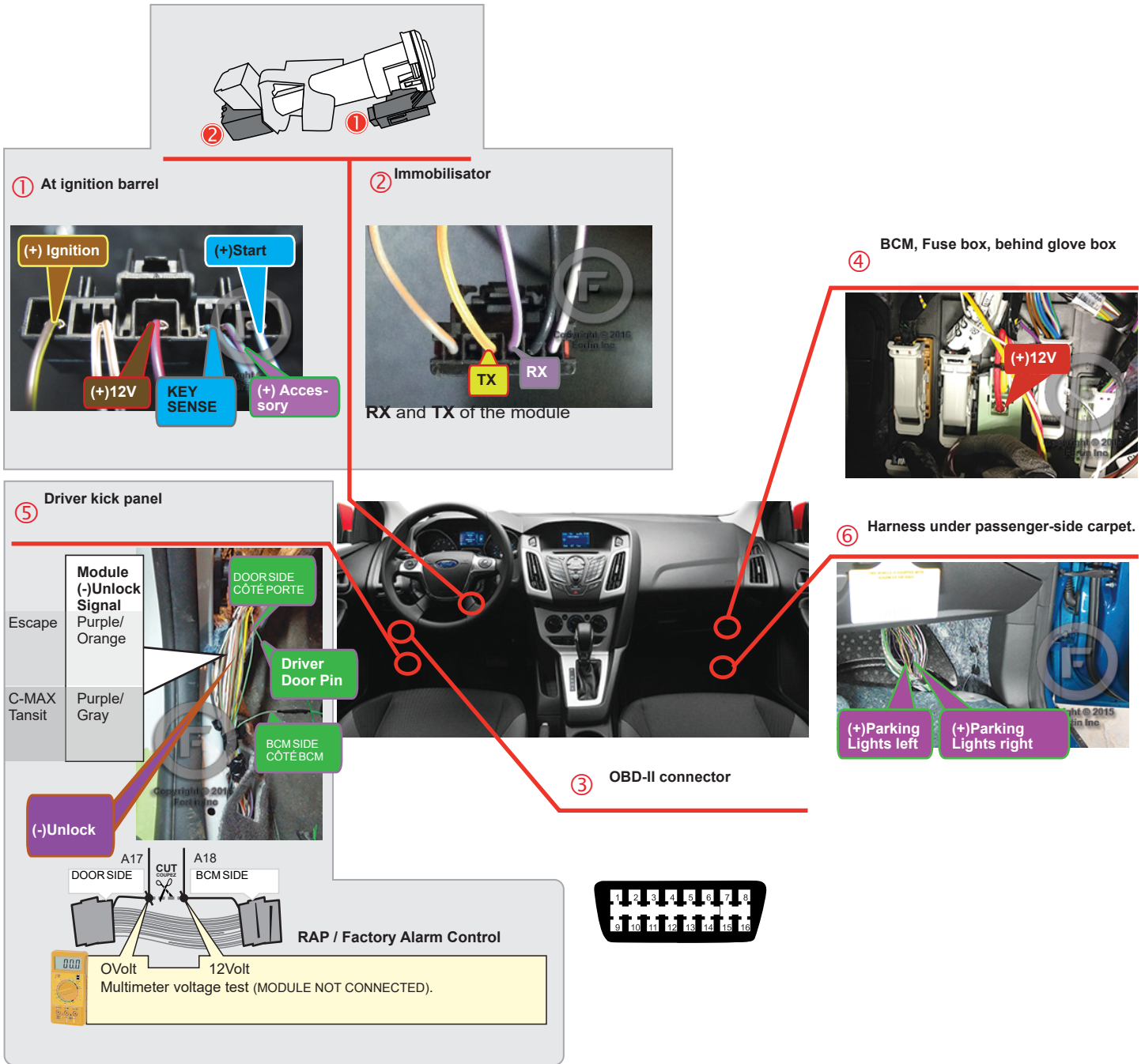


Included

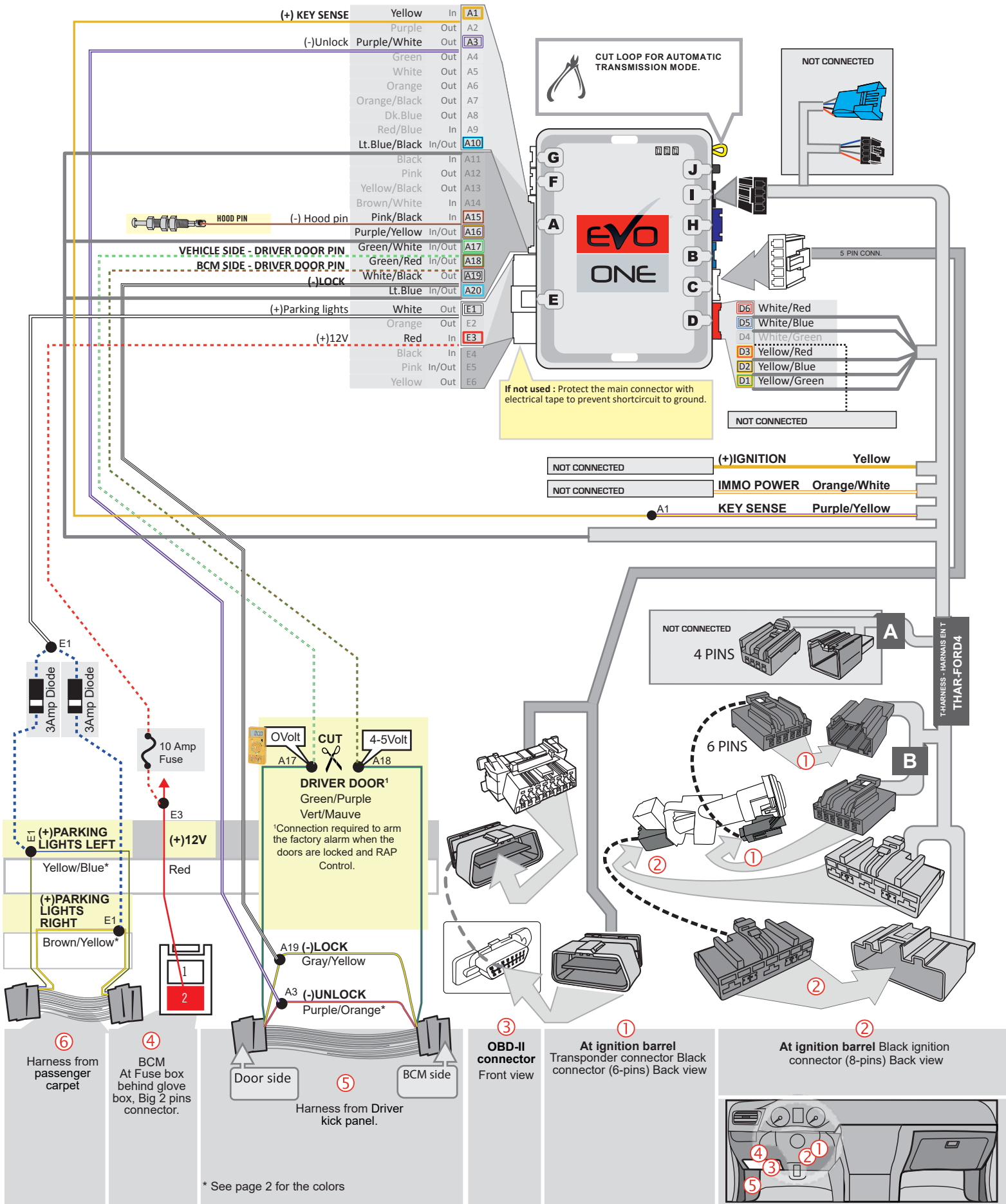
Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION




WIRING CONNECTION



KEY BYPASS PROGRAMMING PROCEDURE

Choose between :



2 key programming.

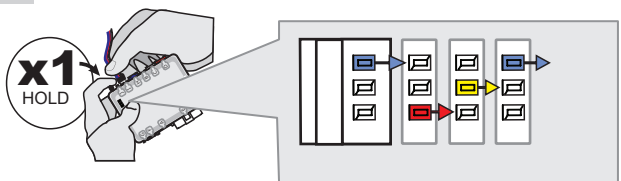


DCRYPTOR and 1 key programming.



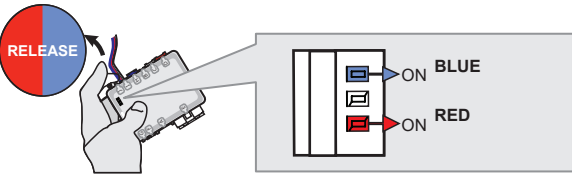
2 KEY REQUIRED

1



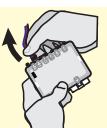
Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).
 ↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

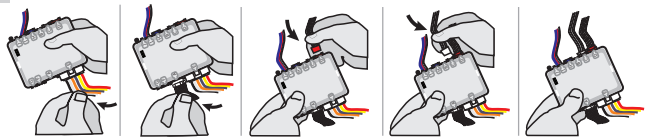


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector).

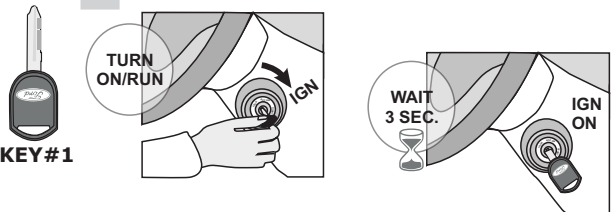


3



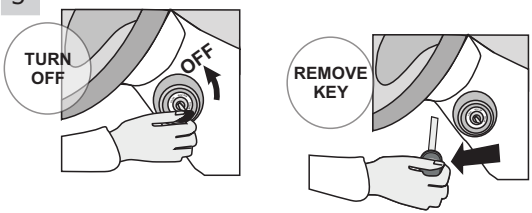
Connect the required remaining harnesses.

4



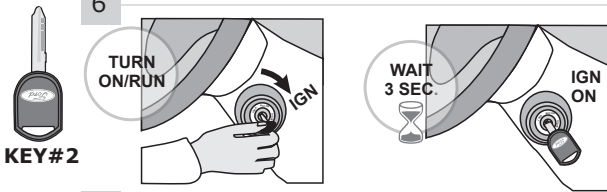
Turn the first functional key to the Ignition ON/RUN position.
Wait 3 seconds.

5



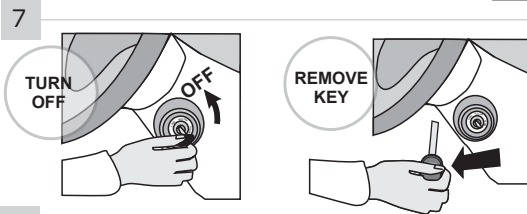
Turn the key to the OFF position.
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



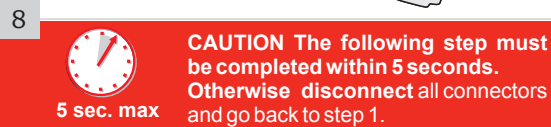
Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

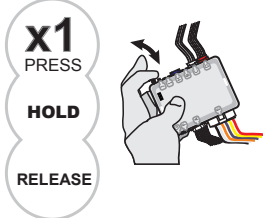


Turn the key to the OFF position.

Remove the second key.



Si non, débranchez à l'étape 1.

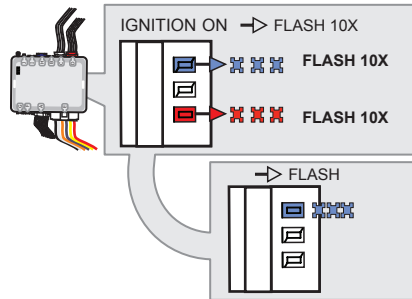


Ignition ON



Press and hold the programming button until the vehicle ignition turn ON.

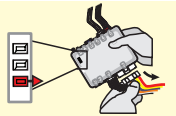
Release the programming button.



↳ The RED and BLUE LEDs will flash rapidly 10x times.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

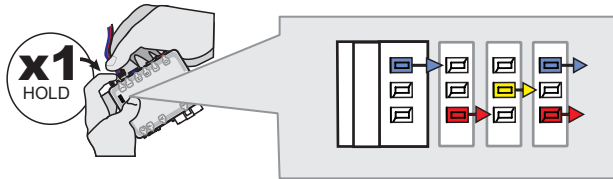
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- Smartphone *Android* or *iOS* with Internet connection
(Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

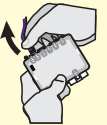
1



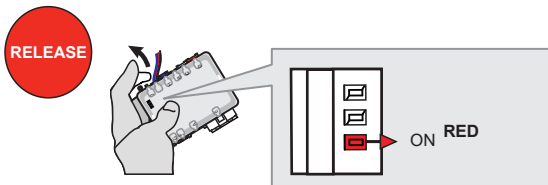
Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

↳ The LEDs will alternate between BLUE, RED, YELLOW & BLUE/RED flashes.

If the RED LED is ON solid disconnect the 4-PIN Data-link harness (Black connector).

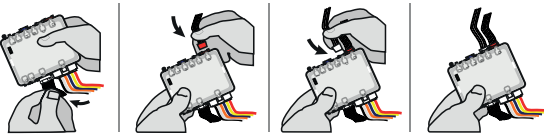


2



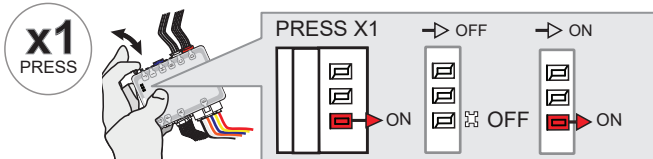
Release the programming button when the LED is RED.

3



Insert the required remaining connectors.

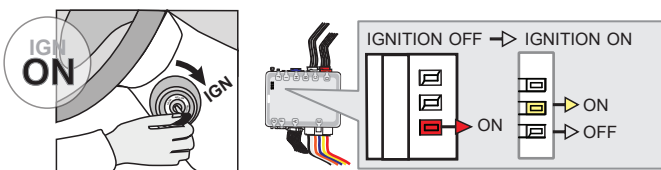
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



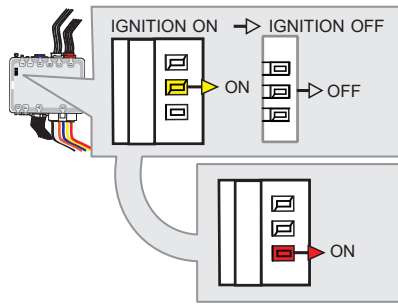
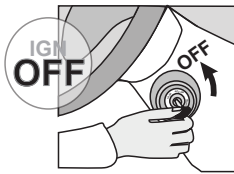
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

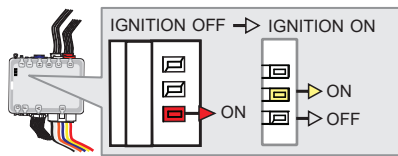
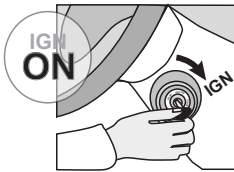
6



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

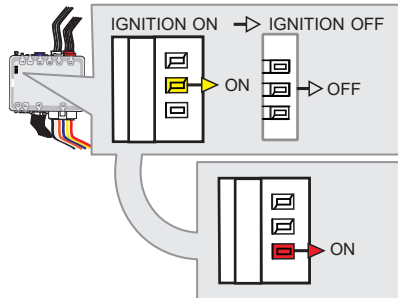
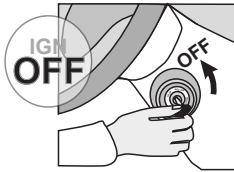
↳The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳The RED LED will turn OFF.
↳The YELLOW LED will turn on.

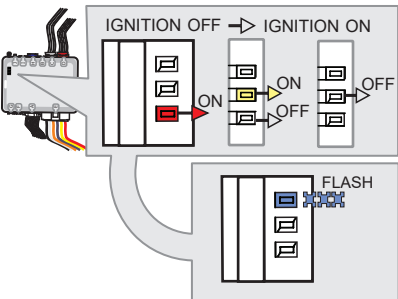
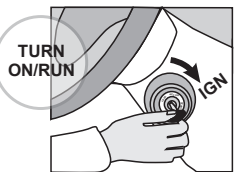
8



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

↳The RED LED will turn on.

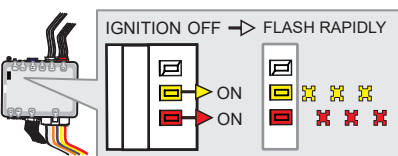
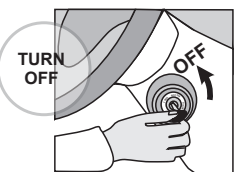
9



Turn the key to the Ignition ON/RUN position.
↳The YELLOW LED will turn on and off.
↳The RED LED will turn OFF.

↳WAIT, the BLUE LED to flash rapidly.

10

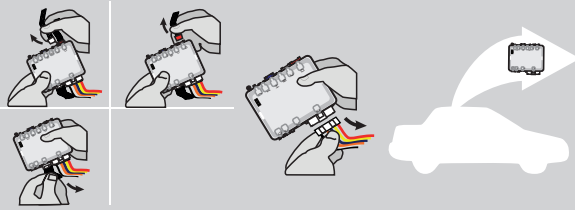


Turn the key to the OFF position.

↳The RED and YELLOW LEDs will alternate.

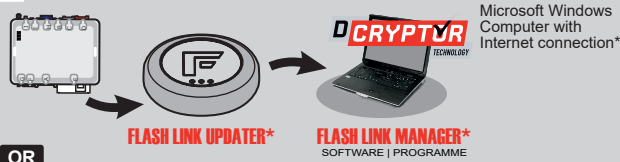
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



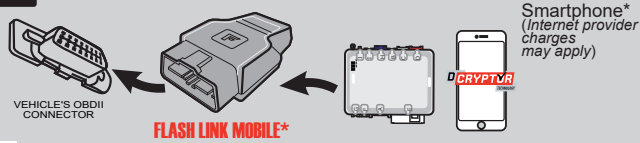
Disconnect all connectors and after the 6-Pin (Main-Harness) or the 4-Pin Data-link connector.

12



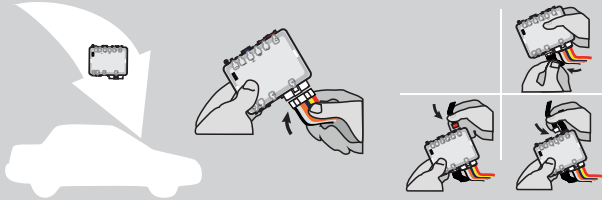
Use the tool:
FLASH LINK UPDATER or
FLASH LINK MOBILE
to visit the DCryptor menu.

OR



*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and reconnect the 6-Pin (Main-Harness) or the 4-pins (Data-Link) connector and after all the remaining connector.



The module is now programmed.



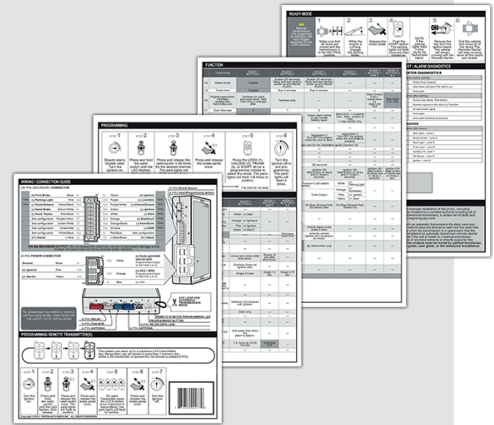
REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER PROGRAMMING PROCEDURE



REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



REMOTE STARTER FUNCTIONALITY



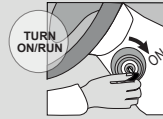
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.




Press the brake pedal.




The vehicle can now be put in to gear and driven.

THAR-FOR4 THARNESSE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)																				
		Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	RAP Disable	Trunk Release	Parking Lights	Horn	Tachometer	Hood	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	R.S. OEM remote Stand Alone compatible		
																						
FORD																						
Fiesta	2011-2013	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•







BYPASS FIRMWARE VERSION

71.[52]

FORD MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

	Program bypass option:	UNIT OPTION		DESCRIPTION
		C1		OEM Remote status (Lock/Unlock) monitoring
		D5		Lock after start
	IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	OFF	Hood trigger (Output Status).

	Program remote starter option:	FUNCTION	MODE	DESCRIPTION
		8	2	Double 0.25 sec unlock pulse
	Program remote starter option for R.S. OEM REMOTE STAND ALONE:	FUNCTION	MODE	DESCRIPTION
		38	2	Enable Press 3x Lock to remote start with the OEM remote.



Parts required (Not included)

- 1x Relay (Parking lights)
- 3x Diodes 1Amp

MANDATORY INSTALL

* HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH (INCLUDED) MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11

OFF

SECURITY STICKER

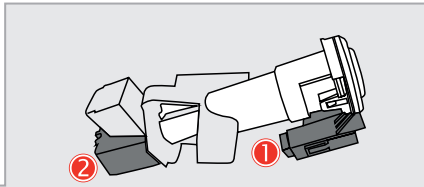


Included

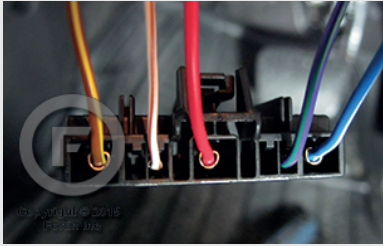
Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION



2 At ignition barrel

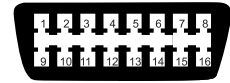


1 Immobilisator

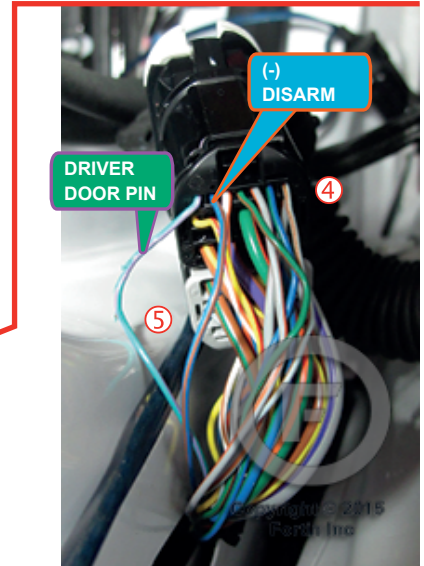


RX and TX of the module

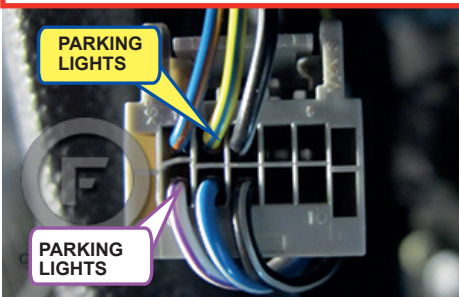
3 OBDII connector



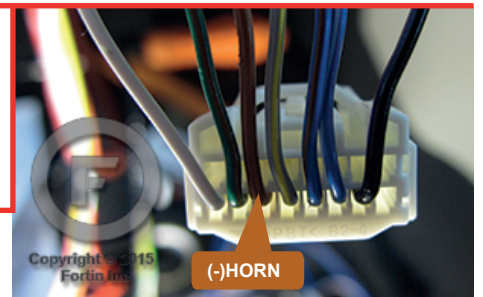
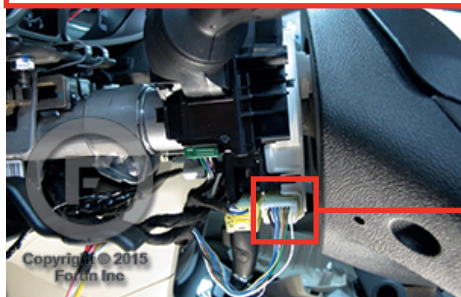
4 5 From Driver door boot



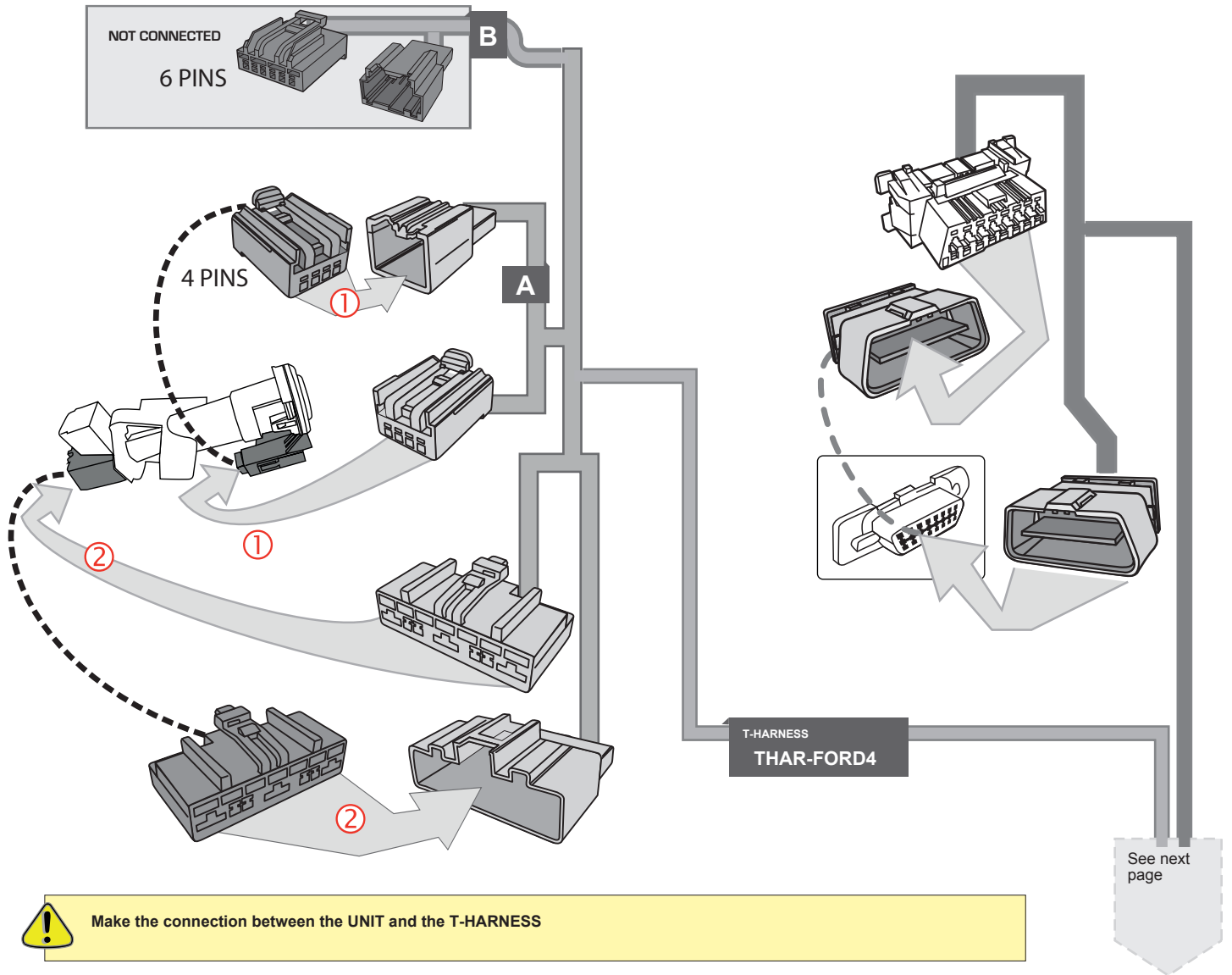
6 Parking Lights switch



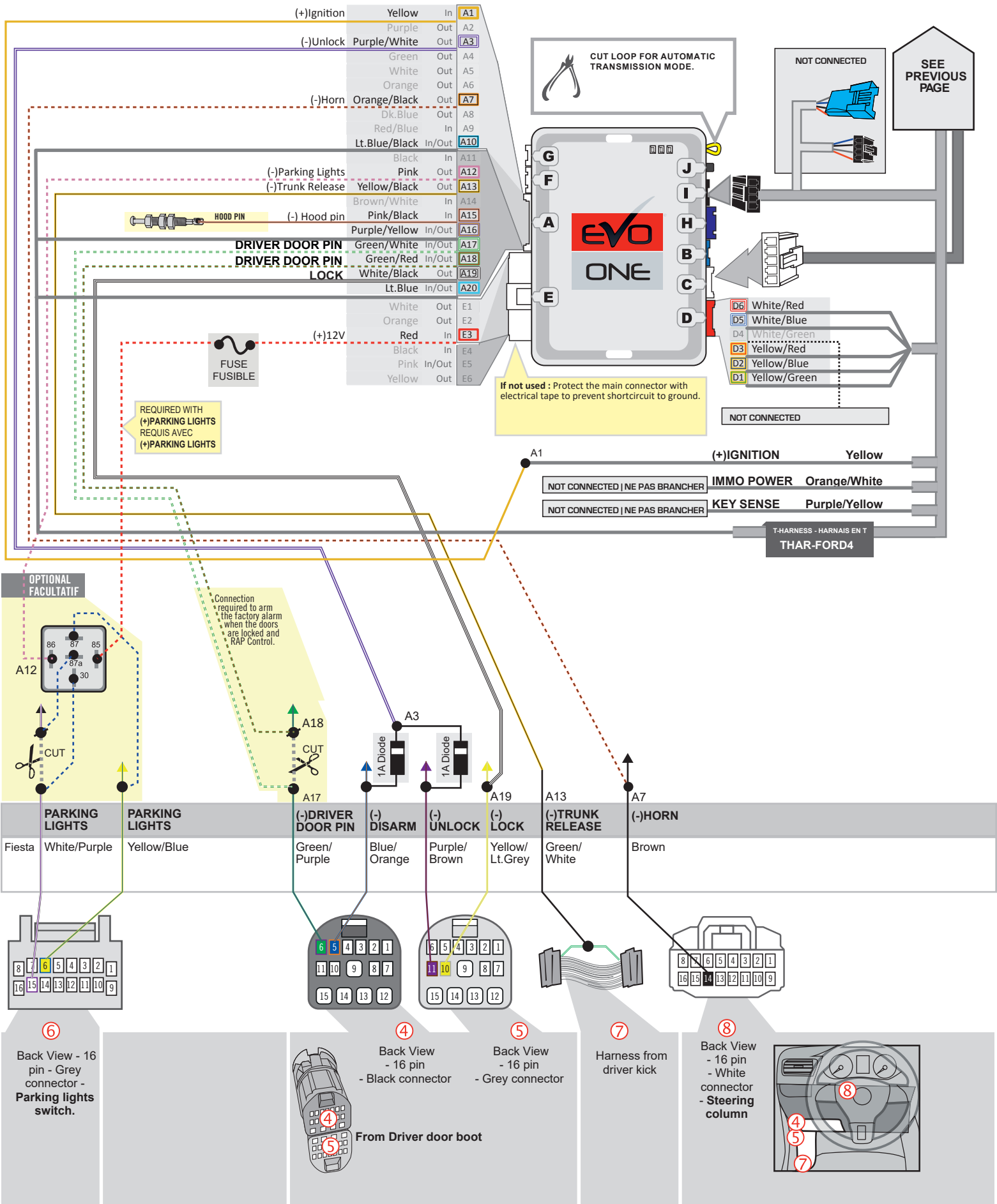
8 Steering column



DESCRIPTION




WIRING CONNECTION



KEY BYPASS PROGRAMMING PROCEDURE

Choose between :



2 key programming.

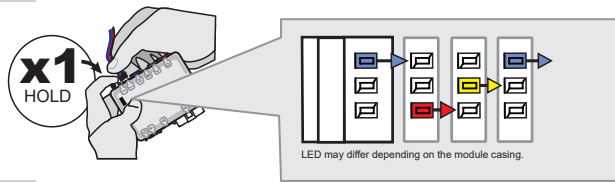


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

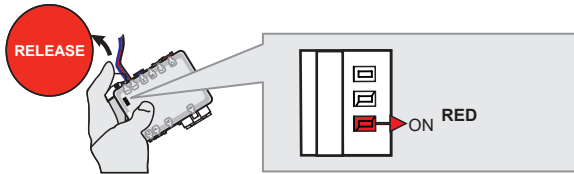
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

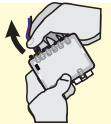
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

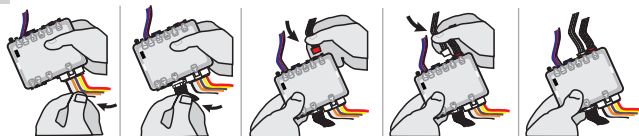


Release the programming button when the Red LEDs is ON.

If the Red LED is NOT ON solid disconnect the 4-PIN Data-link harness (Black connector).

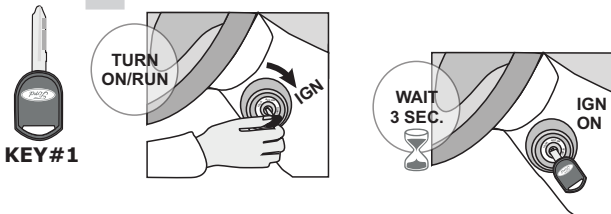


3



Connect the required remaining harnesses.

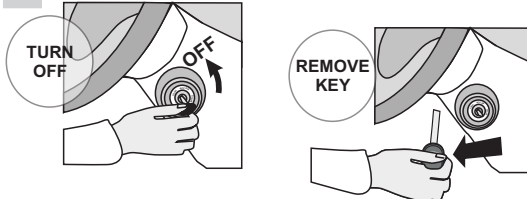
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

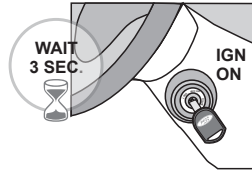
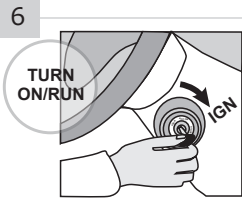
5



Turn the key to the OFF position.

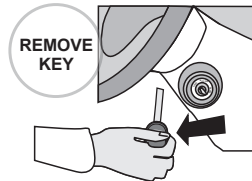
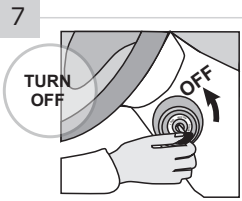
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



Turn the key to the OFF position.

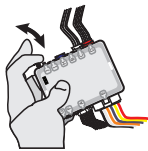
Remove the second key.

8



CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.

x1 PRESS

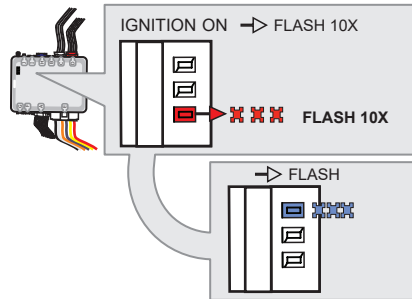


Ignition ON



Press and release the programming button.

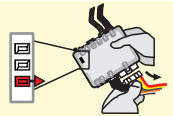
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

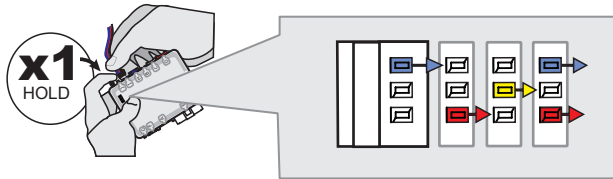
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- Smartphone *Android* or *iOS* with Internet connection
(Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

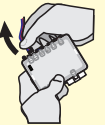
1



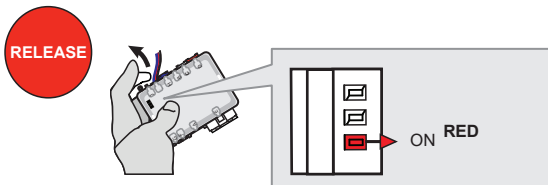
Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

↳ The LEDs will alternate between BLUE, RED, YELLOW & BLUE/RED flashes.

If the RED LED is ON solid disconnect the 4-PIN Data-link harness (Black connector).

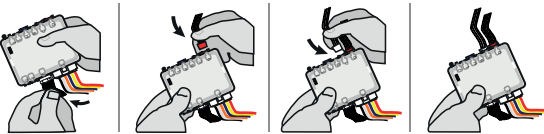


2



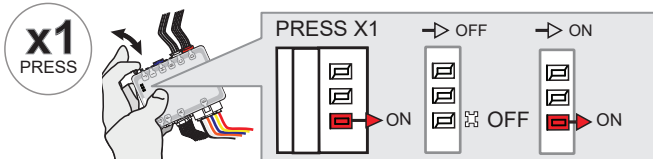
Release the programming button when the LED is RED.

3



Insert the required remaining connectors.

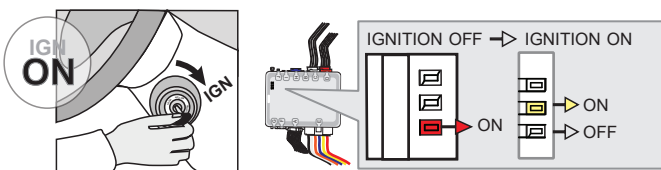
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



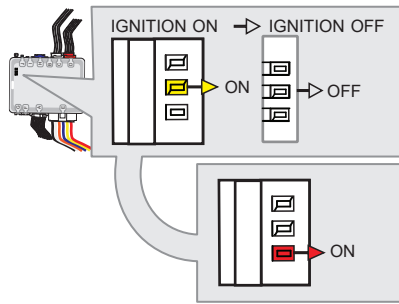
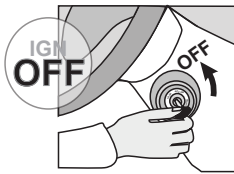
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

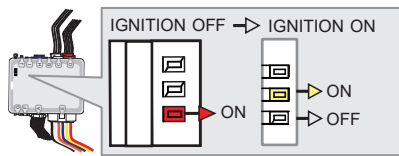
6



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

↳The RED LED will turn on.

7

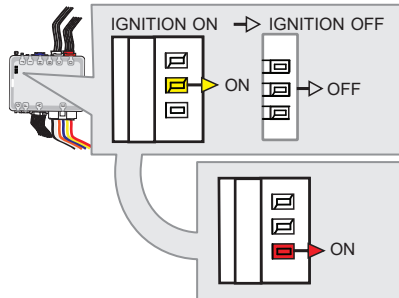
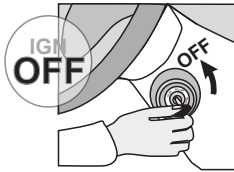


Turn the key to the Ignition ON/RUN position.

↳The RED LED will turn OFF.

↳The YELLOW LED will turn on.

8

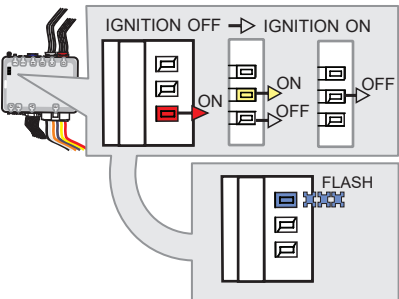
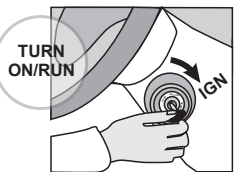


Turn the key to the OFF position.

↳The YELLOW LED will turn OFF.

↳The RED LED will turn on.

9



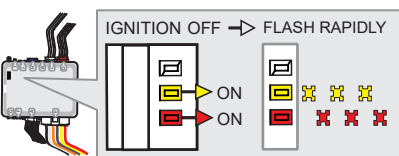
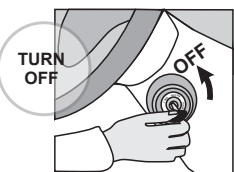
Turn the key to the Ignition ON/RUN position.

↳The YELLOW LED will turn on and off.

↳The RED LED will turn OFF.

↳WAIT, the BLUE LED to flash rapidly.

10

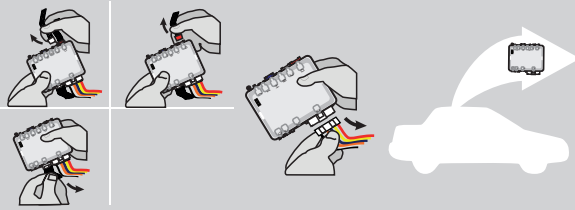


Turn the key to the OFF position.

↳The RED and YELLOW LEDs will alternate.

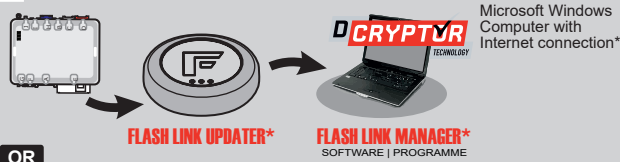
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



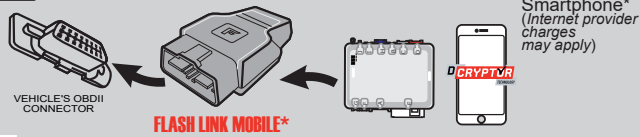
Disconnect all connectors and after the 6-Pin (Main-Harness) or the 4-Pin Data-link connector.

12



Microsoft Windows Computer with Internet connection*

OR

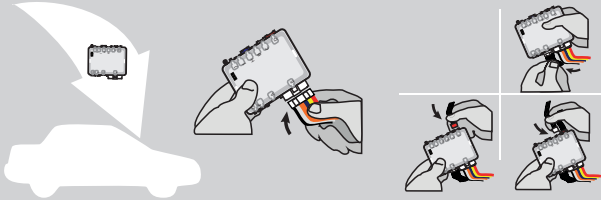


Smartphone* (Internet provider charges may apply)

Use the tool:
FLASH LINK UPDATER or
FLASH LINK MOBILE
to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and reconnect the 6-Pin (Main-Harness) or the 4-pins (Data-Link) connector and after all the remaining connector.



The module is now programmed.



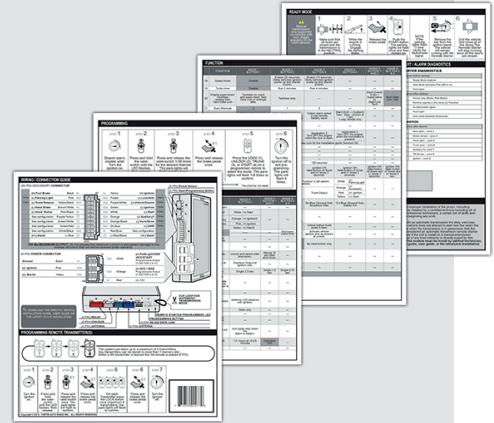
REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER PROGRAMMING PROCEDURE





REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



THAR-FOR4 THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)																				
		Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	RAP Disable	Trunk Release	Parking Lights	Horn	Tachometer	Hood	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	R.S. OEM remote Stand Alone compatible		
																						
FORD																						
Fiesta	2014-2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•







BYPASS FIRMWARE VERSION

71.[52]

FORD MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

	Program bypass option:	UNIT OPTION		DESCRIPTION
		C1		OEM Remote status (Lock/Unlock) monitoring
		D5		Lock after start
	IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	OFF	Hood trigger (Output Status).

	Program remote starter option:	FUNCTION	MODE	DESCRIPTION
		8	2	Double 0.25 sec unlock pulse
	Program remote starter option for R.S. OEM REMOTE STAND ALONE:	FUNCTION	MODE	DESCRIPTION
		38	2	Enable Press 3x Lock to remote start with the OEM remote.



Parts required (Not included)

- 1x Relay (Parking lights)
- 3x Diodes 1Amp
- 1x THAR-FOR4

MANDATORY INSTALL

* HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH (INCLUDED) MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11

OFF

SECURITY STICKER

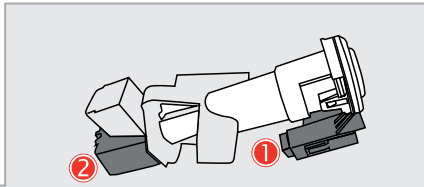


Included

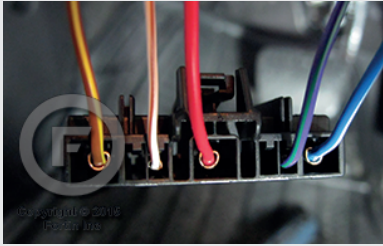
Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION



② At ignition barrel

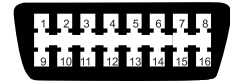


① Immobilisator

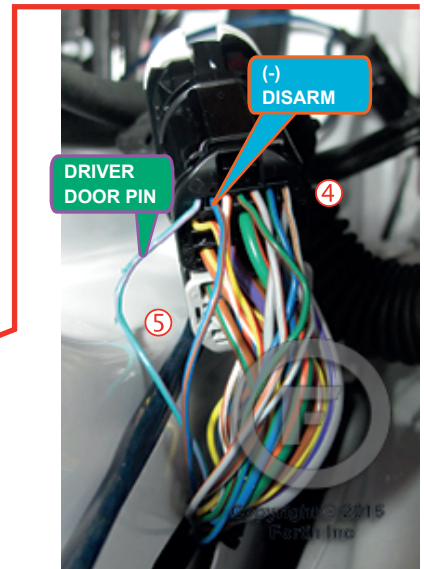


RX and TX of the module

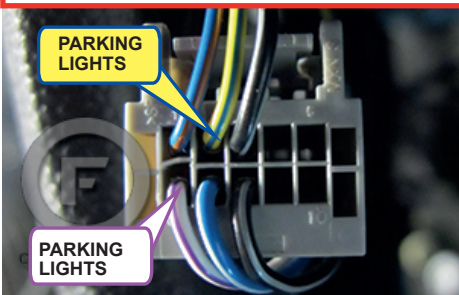
③ OBDII connector



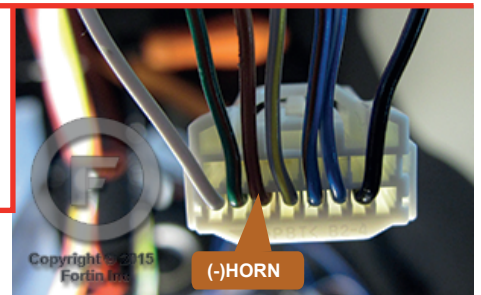
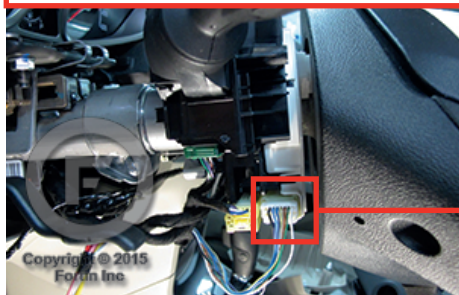
④ ⑤ From Driver door boot



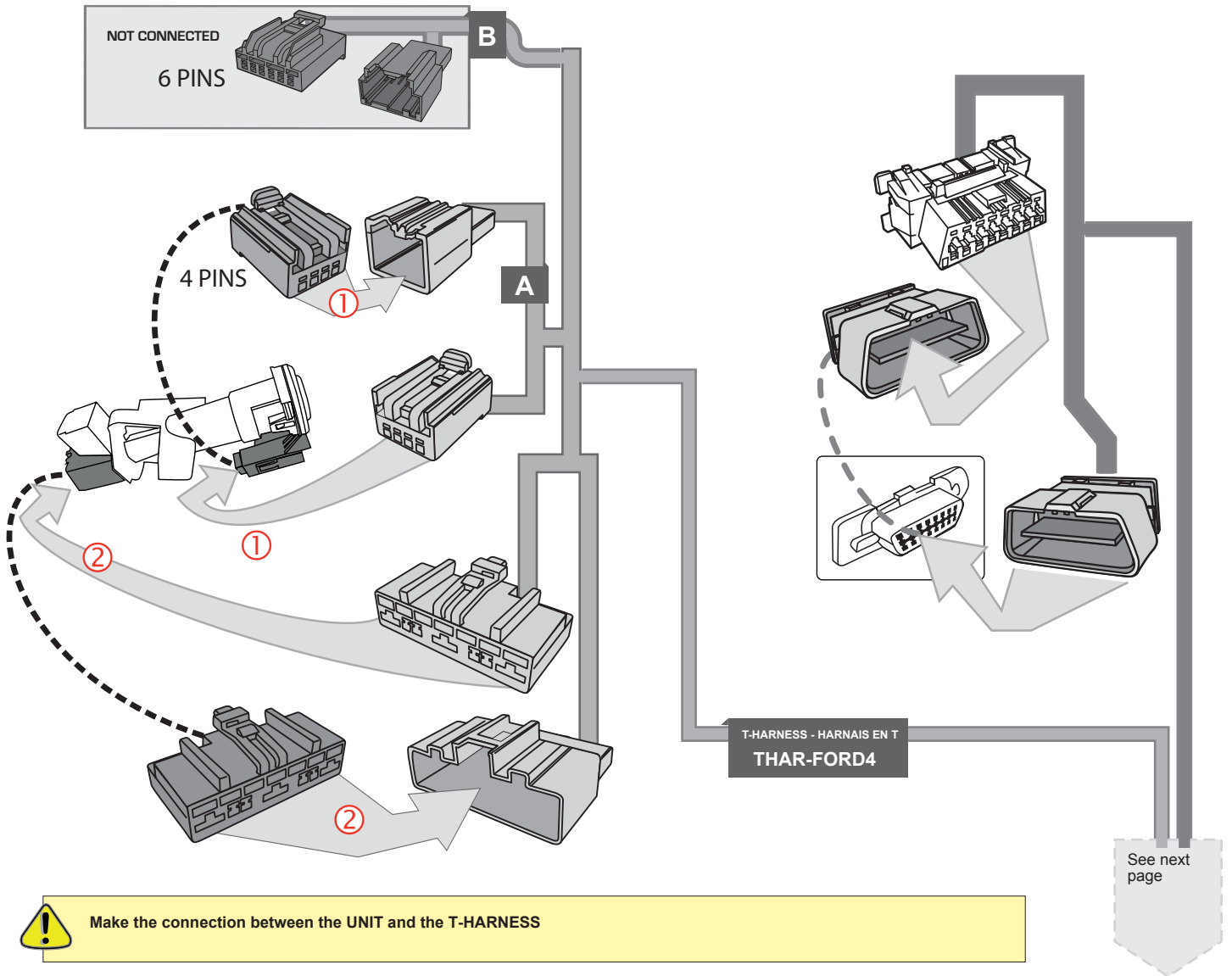
⑥ Parking Lights switch



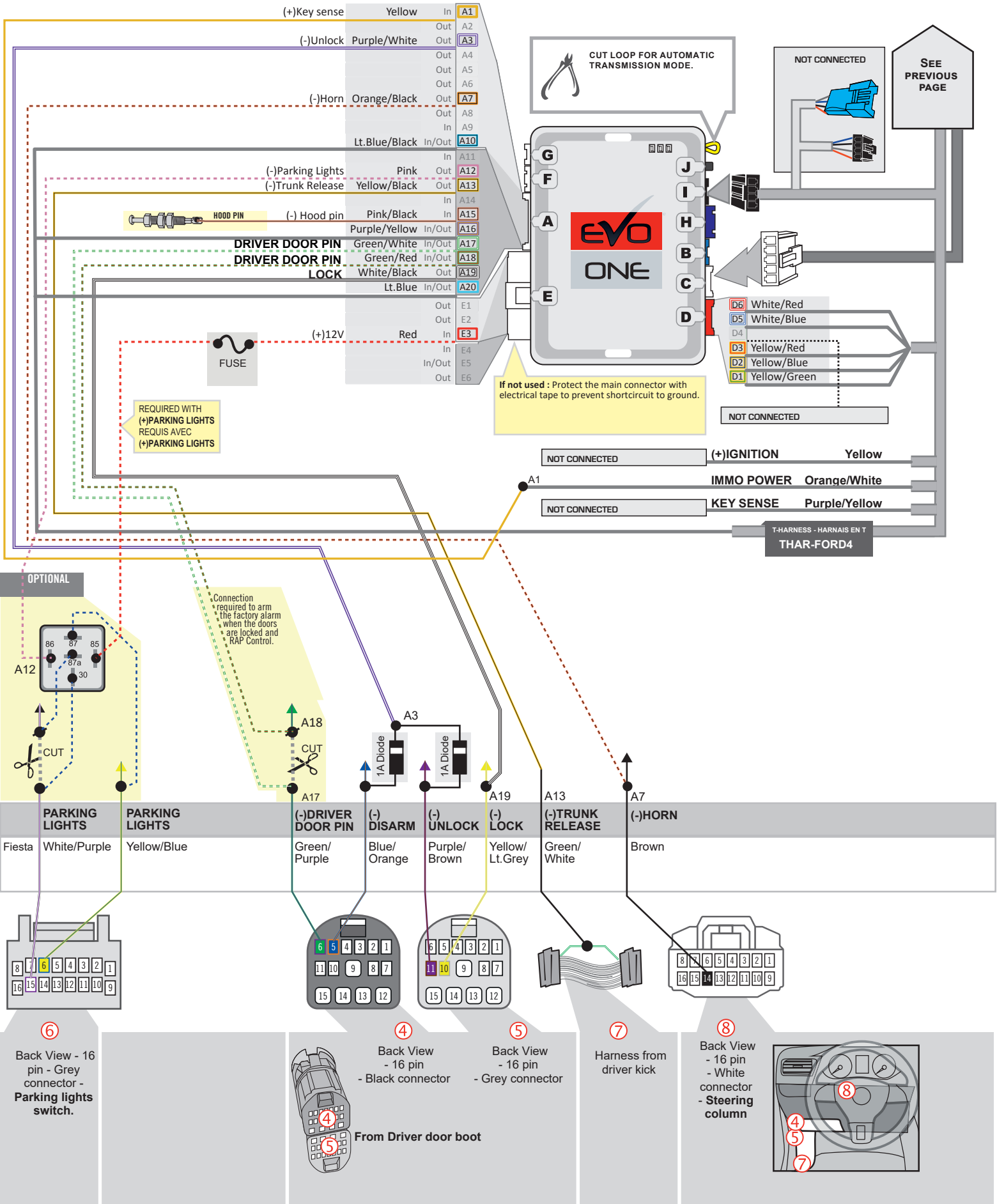
⑧ Steering column



DESCRIPTION



WIRING CONNECTION

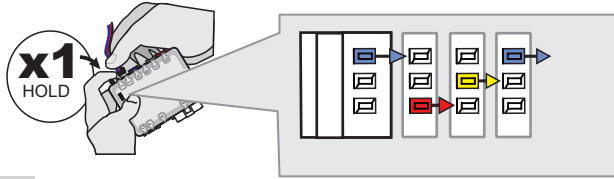


KEY BYPASS PROGRAMMING PROCEDURE 1/2 |



2 KEY REQUIRED

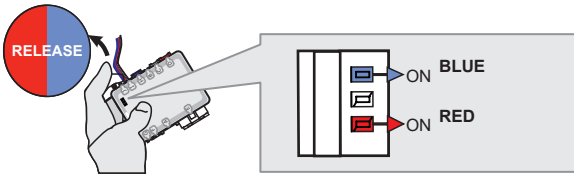
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

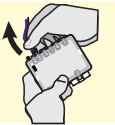
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

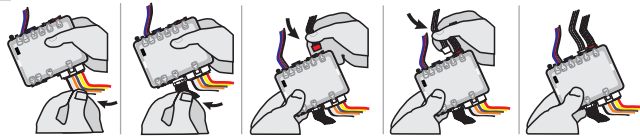


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector).

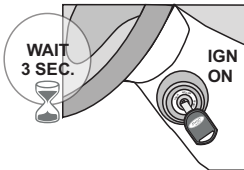
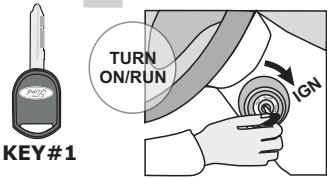


3



Connect the required remaining harnesses.

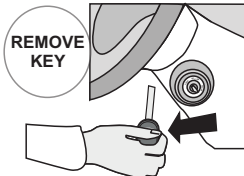
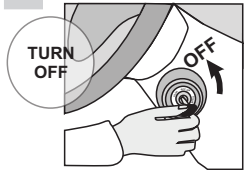
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

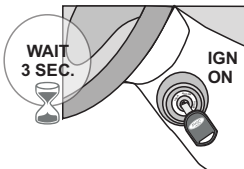
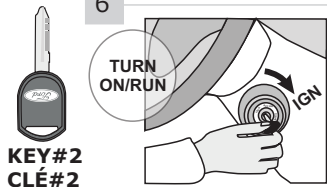
5



Turn the key to the OFF position.

Remove the first key.

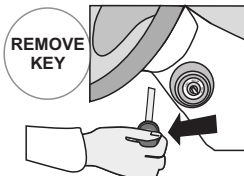
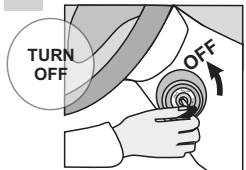
6



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

7



Turn the key to the OFF position.

Remove the second key.

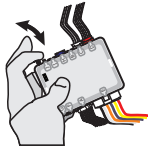
KEY BYPASS PROGRAMMING PROCEDURE 2/2 |

8



5 sec. max

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.

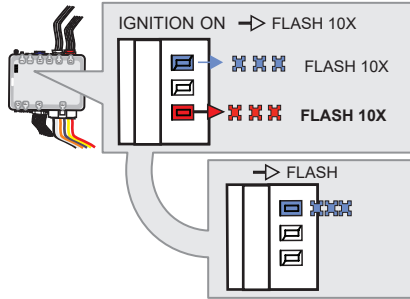


Ignition ON



Press and hold the programming button until the vehicle ignition turn ON.

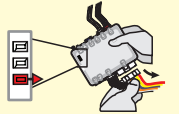
Release the programming button.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



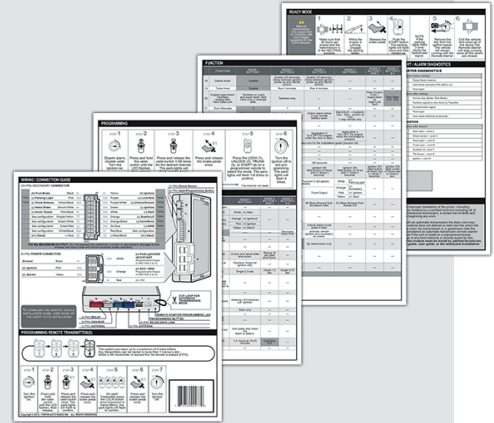
The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER PROGRAMMING PROCEDURE |



REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



REMOTE STARTER FUNCTIONALITY |



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.




The vehicle can now be put in to gear and driven.

THAR-FOR4 THARNESSE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE		Vehicle functions supported in this diagram (functional if equipped)													
VEHICLE	YEARS	Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	RAP Disable	Trunk Release	Tachometer	Door Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	
Flex	40-bits 2009-2012	•	•	•	•	•	•	•	•	•	•	•	•	•	



BYPASS FIRMWARE VERSION

71.[52]

FORD MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

FUNCTION	MODE	DESCRIPTION
		<p>31 4</p> <p>(+) Parking Light (E1) (+) Accessory (E2)</p>
<p>35 3</p> <p>Activate vehicle ignition and accessory at unlock.</p>		

NOTES

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

MANDATORY INSTALL

* HOOD PIN



HOOD STATUS : THE HOOD PIN SWITCH (INCLUDED) MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11

OFF

SECURITY STICKER

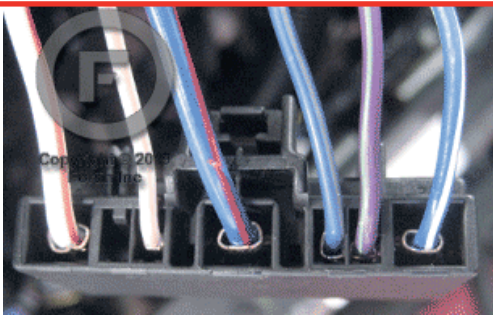

Included

Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.

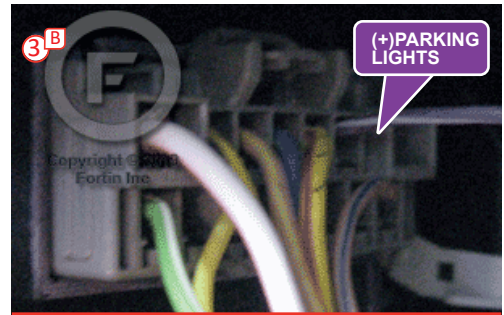
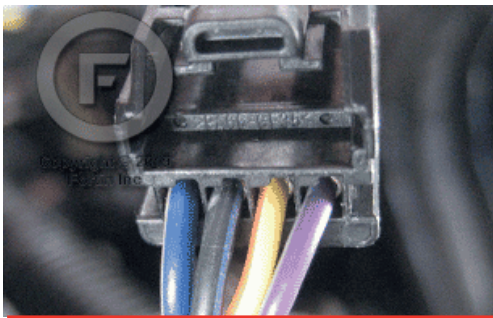
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

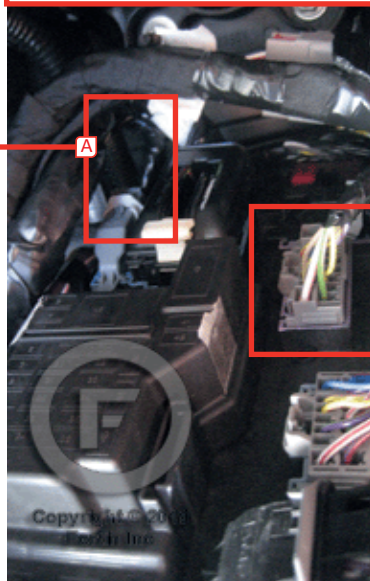
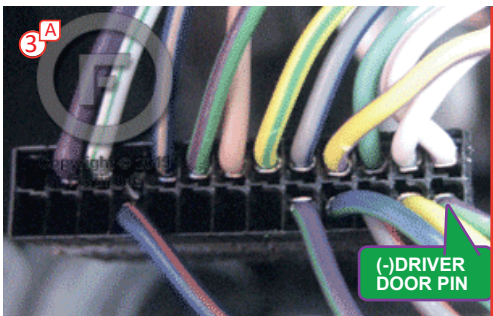
② Ignition barrel



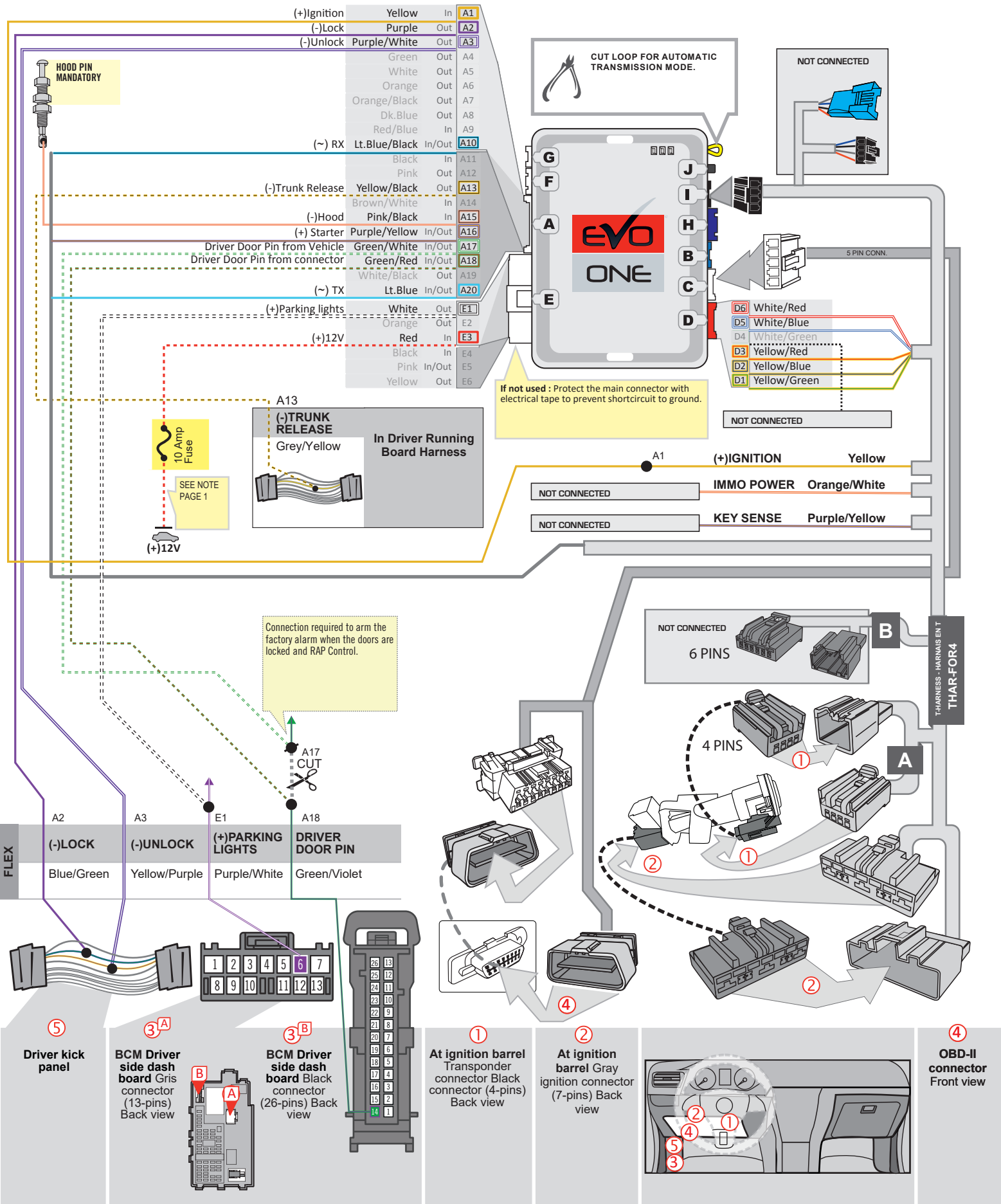
① Ignition barrel



③ BCM Driver kick panel



WIRING CONNECTION



KEY BYPASS PROGRAMMING PROCEDURE

Choose between :

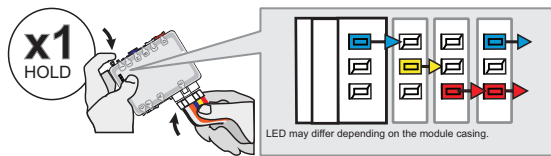
2 key programming.

DCRYPTOR and 1 key programming.



2 KEY REQUIRED

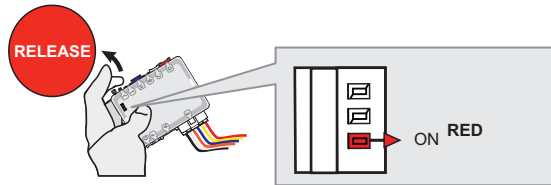
1



Press and hold the programming button: Connect the 6-PIN Main harness (White connector).

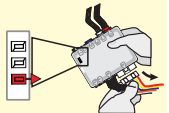
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

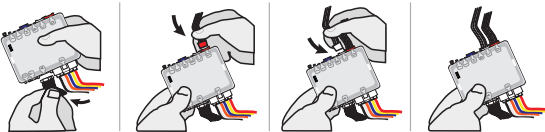


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 6 Pin connector (Main-Harness) and go back to step 1.

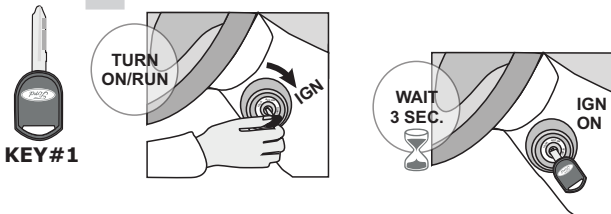


3



Insert the required remaining connectors.

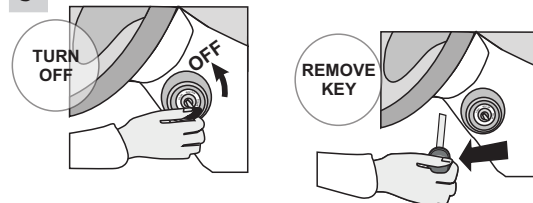
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

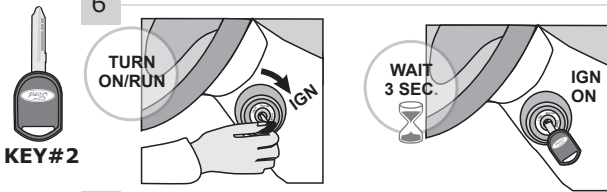
5



Turn the key to the OFF position.

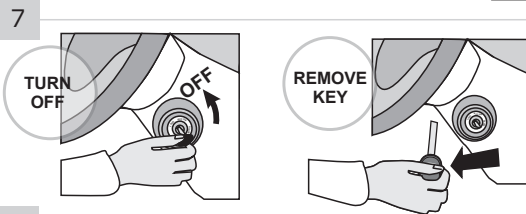
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

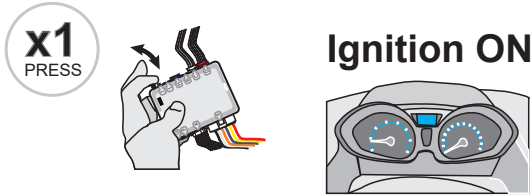


Turn the key to the OFF position.

Remove the second key.

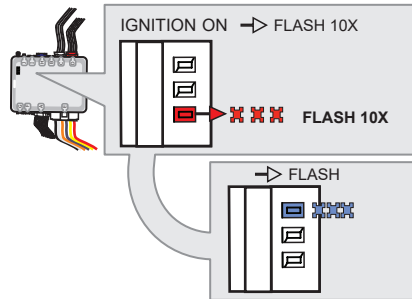
8

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.



Press and release the programming button.

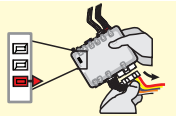
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

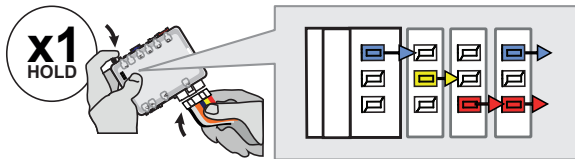
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- Smartphone *Android* or *iOS* with Internet connection
(Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

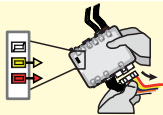
1



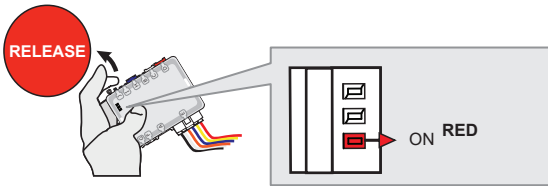
Press and hold the programming button:
Insert the 6-Pin Main connector.

↳ The LEDs will alternate between BLUE, RED, YELLOW & BLUE/RED flashes.

If the LED is not solid RED disconnect the 6 Pin connector (Main-Harness) and go back to step 1.

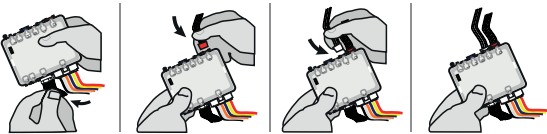


2



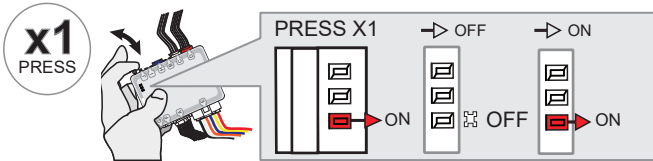
Release the programming button when the LED is RED.

3



Insert the required remaining connectors.

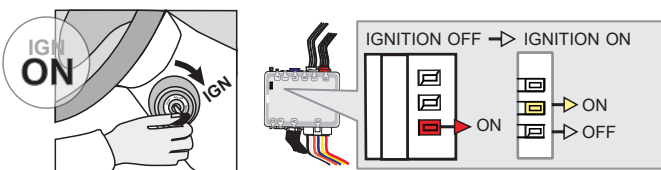
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



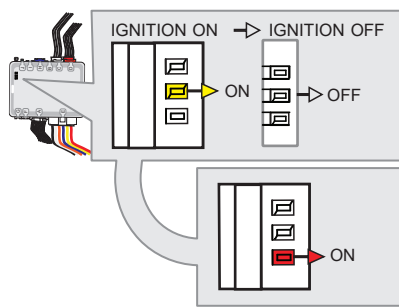
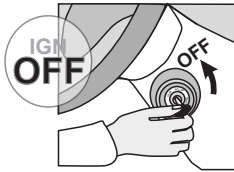
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

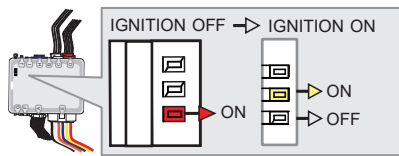
6



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

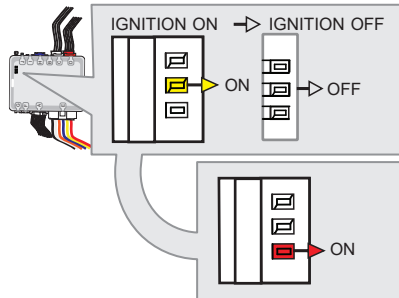
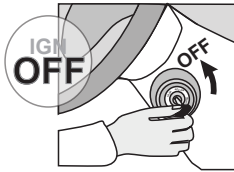
↳ The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳ The RED LED will turn OFF.
↳ The YELLOW LED will turn on.

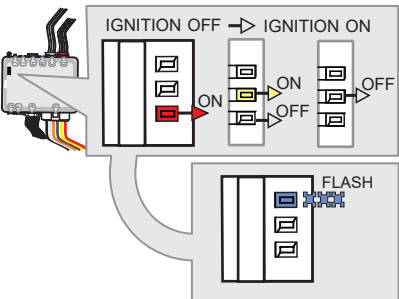
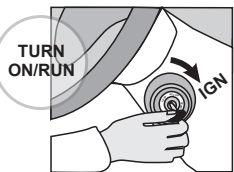
8



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

↳ The RED LED will turn on.

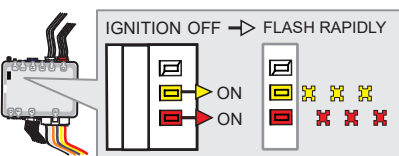
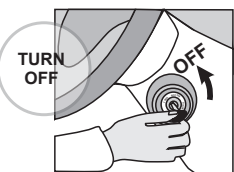
9



Turn the key to the Ignition ON/RUN position.
↳ The YELLOW LED will turn on and off.
↳ The RED LED will turn OFF.

↳ WAIT, the BLUE LED to flash rapidly.

10

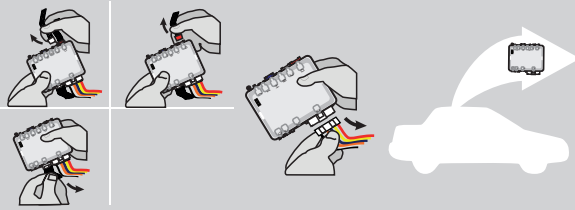


Turn the key to the OFF position.

↳ The RED and YELLOW LEDs will alternate.

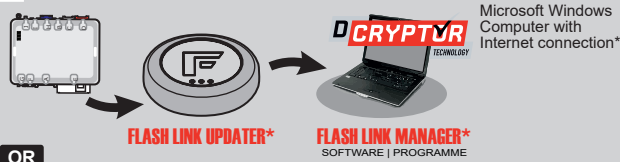
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11

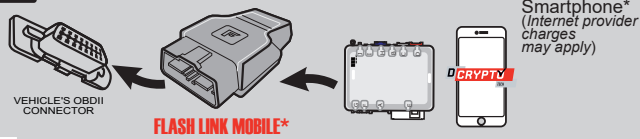


Disconnect all connectors and after the 6-Pin (Main-Harness) or the 4-Pin Data-link connector.

12



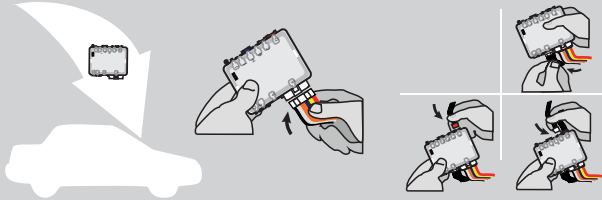
OR



Use the tool:
FLASH LINK UPDATER or
FLASH LINK MOBILE
to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and reconnect the 6-Pin (Main-Harness) or the 4-pins (Data-Link) connector and after all the remaining connector.



The module is now programmed.



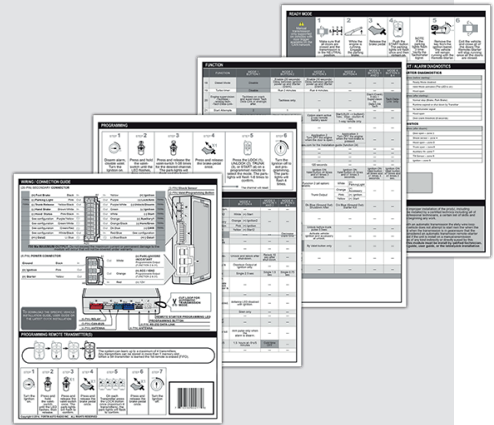
REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER PROGRAMMING PROCEDURE



REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



REMOTE STARTER FUNCTIONALITY



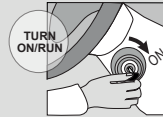
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

THAR-FOR4 THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)														
		Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	RAP Disable	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote Monitoring	
FORD																
Focus 40-BITS	2010-2011	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



BYPASS FIRMWARE VERSION

71.[52]

FORD MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.



Program remote starter option:

FUNCTION

MODE

DESCRIPTION

31

4

 (+) Parking Light (E1)
 (+) Accessory (E2)


Program bypass option:

UNIT OPTION

DESCRIPTION

C1

OEM Remote status (Lock/Unlock) monitoring

D5

Lock after start



IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:

A11

OFF

Hood trigger (Output Status).



Parts required (Not included)

1x

THAR-FOR4

NOTES

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

MANDATORY INSTALL

* HOOD PIN



HOOD STATUS : THE HOOD PIN SWITCH (INCLUDED) MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

SECURITY STICKER



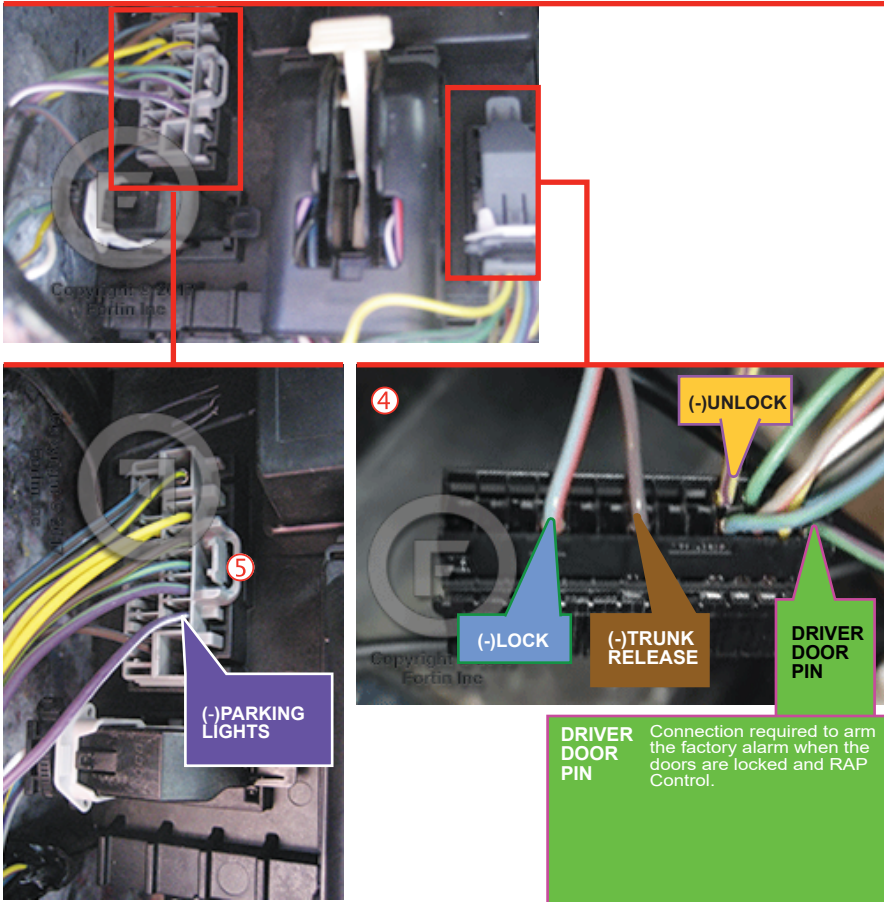
Included

Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.

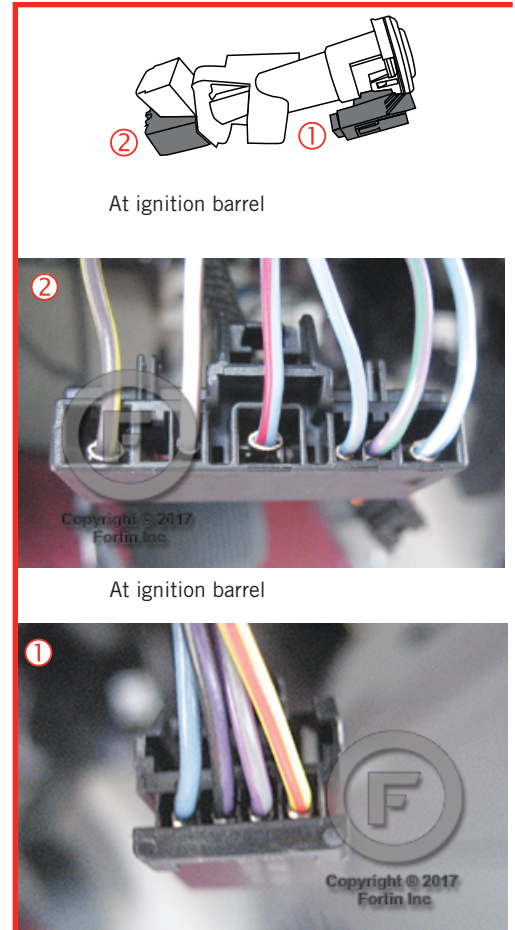
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

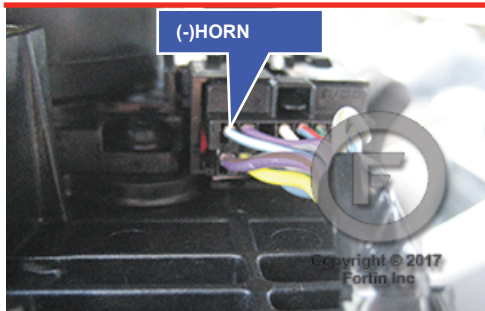
④ ⑤ BCM Driver side dash board



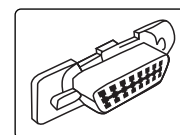
① ② Ignition barrel



At steering column



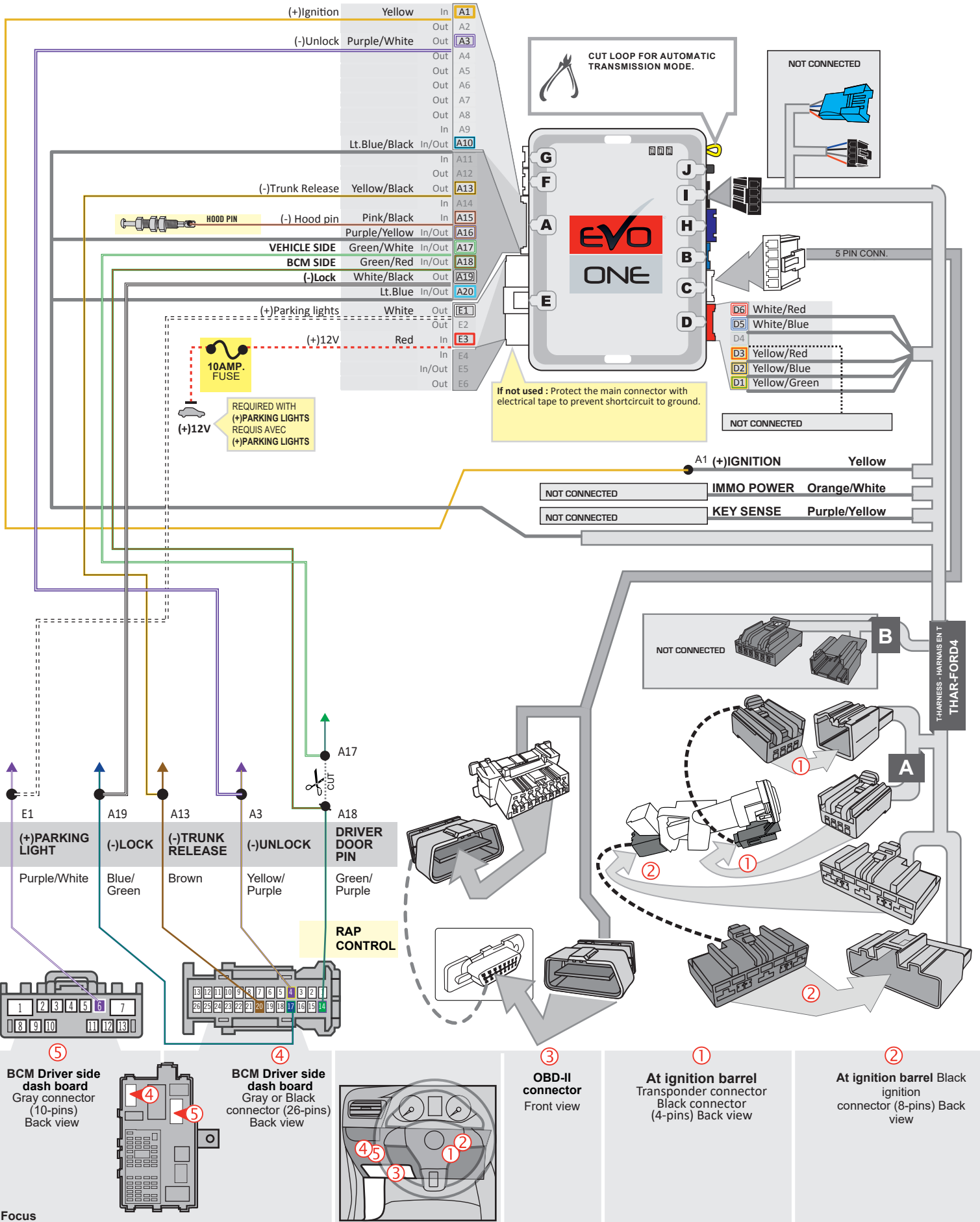
③ OBD-II connector



WIRING CONNECTION

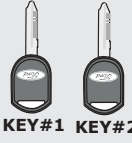
1KEY PROGRAMMING DCRYPTOR REQUIRED: PROGRAM. 2

OR 2KEY PROGRAMMING : PROGRAM. 1



KEY BYPASS PROGRAMMING PROCEDURE |

Choose between : Choisir entre:



2 key programming.

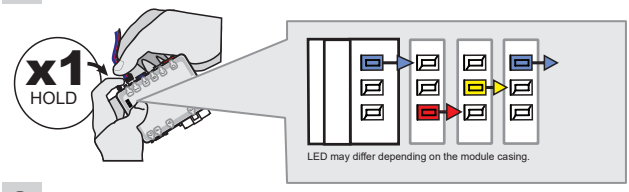


DCRYPTOR and 1 key programming.

2 KEY REQUIRED

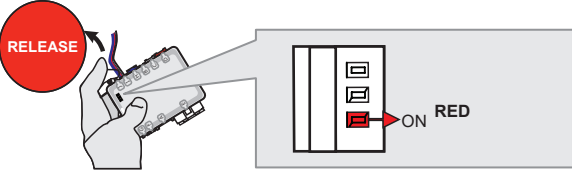


1



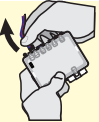
Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).
 ↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

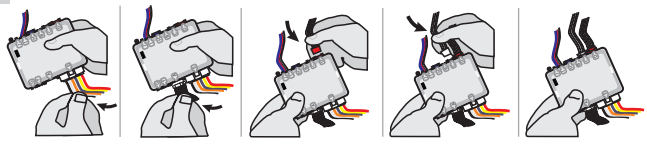


Release the programming button when the Red LEDs is ON.

If the Red LED is NOT ON solid disconnect the 4-PIN Data-link harness (Black connector).

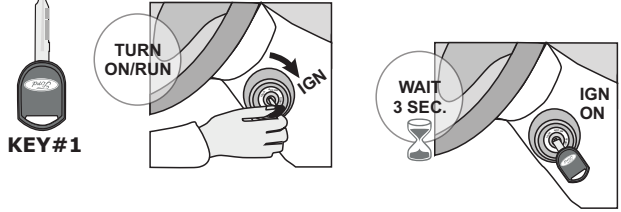


3



Connect the required remaining harnesses.

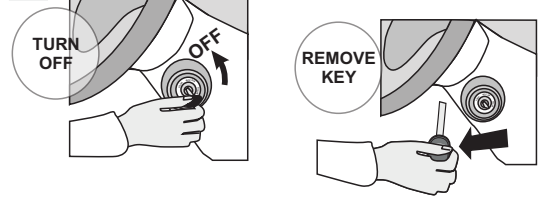
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

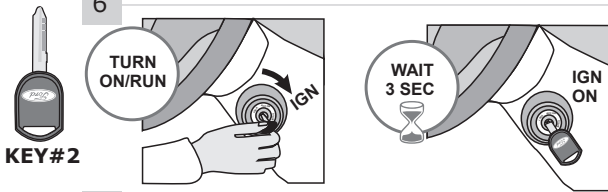
5



Turn the key to the OFF position.

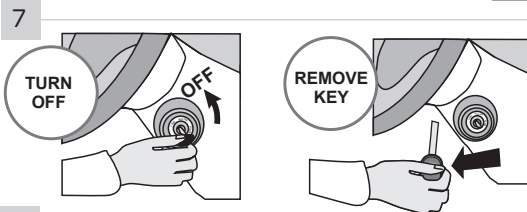
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2 |



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

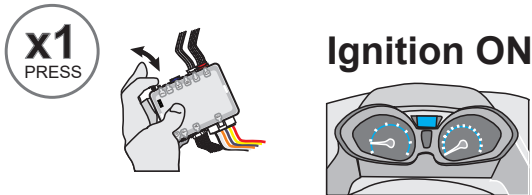


Turn the key to the OFF position.

Remove the second key.

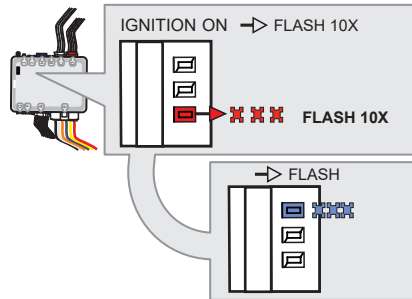
8

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.



Press and release the programming button.

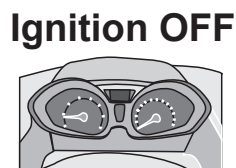
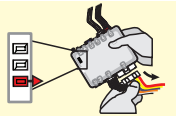
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.



Parts required (not included)

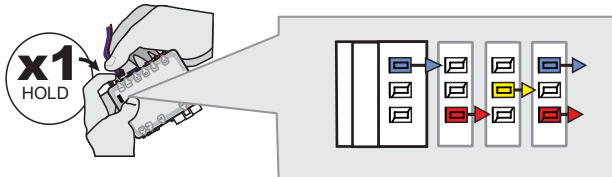
- 1x FLASH LINK UPDATER, SOFTWARE | PROGRAMME
- 1x FLASH LINK MANAGER
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x FLASH LINK MOBILE
- 1x FLASH LINK MOBILE APP
- 1x Smartphone Android or iOS with Internet connection (Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

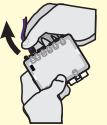
1



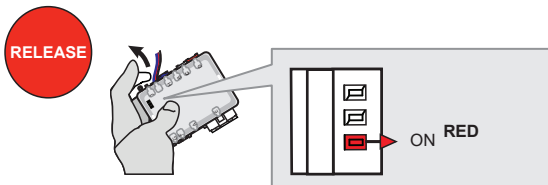
Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

↳ The LEDs will alternate between BLUE, RED, YELLOW & BLUE/RED flashes.

If the RED LED is ON solid disconnect the 4-PIN Data-link harness (Black connector).

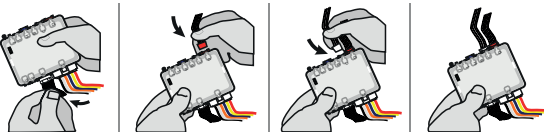


2



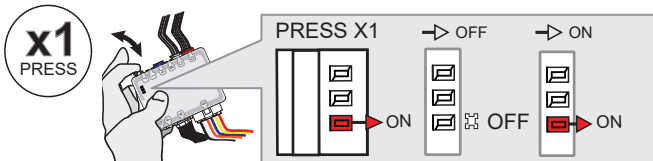
Release the programming button when the LED is RED.

3



Insert the required remaining connectors.

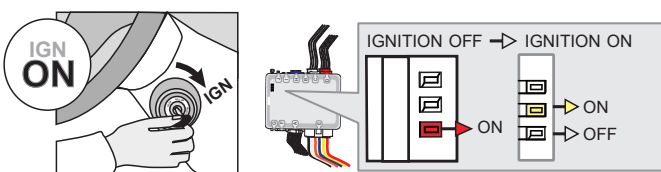
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



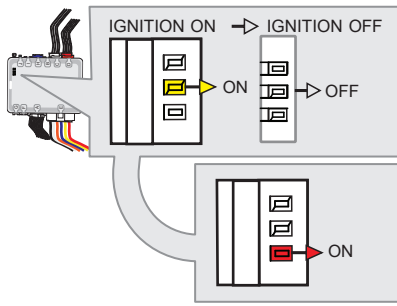
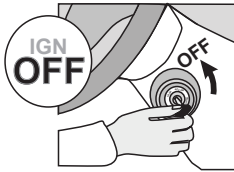
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3 |

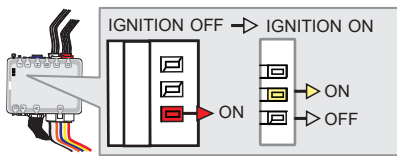
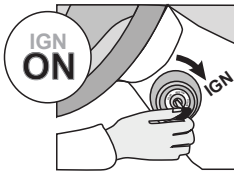
6



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

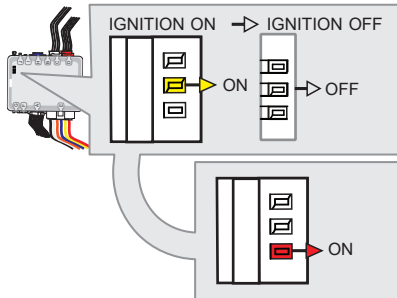
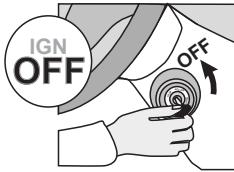
↳ The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳ The RED LED will turn OFF.
↳ The YELLOW LED will turn on.

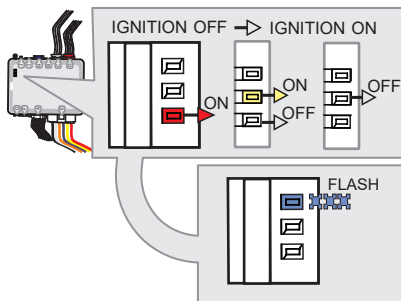
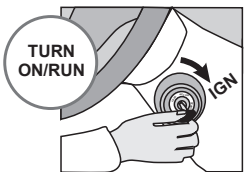
8



Turn the key to the OFF position.
↳ The YELLOW LED will turn OFF.

↳ The RED LED will turn on.

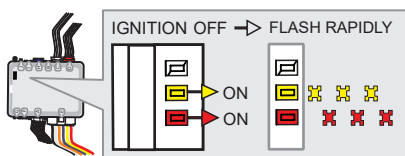
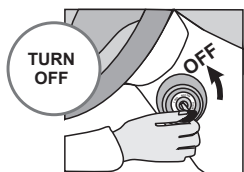
9



Turn the key to the Ignition ON/RUN position.
↳ The YELLOW LED will turn on and off.
↳ The RED LED will turn OFF.

↳ WAIT, the BLUE LED to flash rapidly.

10

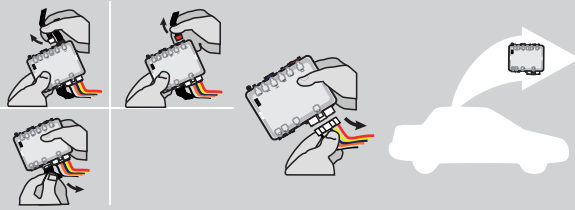


Turn the key to the OFF position.

↳ The RED and YELLOW LEDs will alternate.

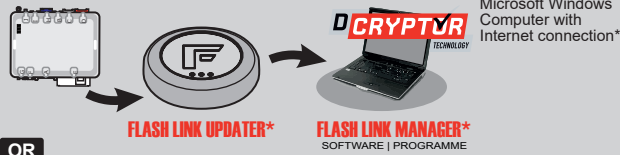
KEY BYPASS PROGRAMMING PROCEDURE 3/3 |

11



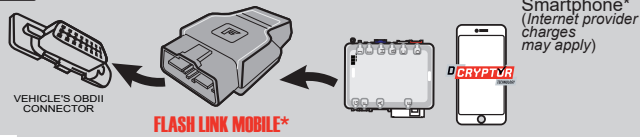
Disconnect all connectors and after the 6-Pin (Main-Harness) or the 4-Pin Data-link connector.

12



Microsoft Windows Computer with Internet connection*

OR

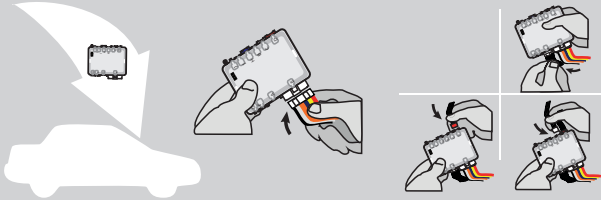


Smartphone* (Internet provider charges may apply)

Use the tool:
FLASH LINK UPDATER or
FLASH LINK MOBILE
to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 6-Pin (Main-Harness) or the 4-pins (Data-Link) connector and after all the remaining connector.



The module is now programmed.



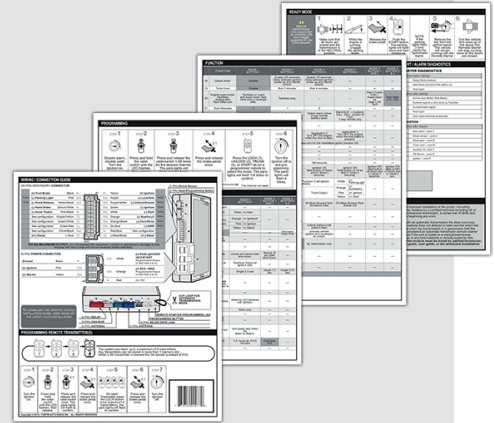
REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER PROGRAMMING PROCEDURE |



REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



REMOTE STARTER FUNCTIONALITY |



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

THAR-FOR4 THARNESSE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Immobilizer bypass	T-Harness available (sold separately)	VEHICLE EQUIPPED WITH VEHICULE ÉQUIPÉ AVEC		Lock	Unlock	Arm	Disarm	Parking Lights	Horn	RAP Disable	Trunk Release	Tachometer	Door Status	Trunk Status	Hood Status (functional if equipped with a factory hood switch, fonctionnel si équipé d'un commutateur de capot d'origine.)	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	R.S. OEM remote Stand Alone compatible
				CONFIGURATION #	CONFIGURATION #																
FORD																					
Focus	80-BITS	2012-2015	•	•	1	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	SE 80-BITS	2012-2015	•	•	1	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	SEL 80-BITS	2012-2015	•	•	1	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•


BYPASS FIRMWARE VERSION
71.[52]

FORD MINIMUM

 To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

Program remote starter option:
FUNCTION
MODE
DESCRIPTION
31
4

 (+) Parking Light (E1)
 (+) Accessory (E2)

Program bypass option:
UNIT OPTION
DESCRIPTION
C1

OEM Remote status (Lock/Unlock) monitoring


IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:
A11
OFF

Hood trigger (Output Status).


Parts required (Not included)

- 2x Diode 3 Amp
- 1x **THAR-FOR4**

MANDATORY INSTALL
*** HOOD PIN**

HOOD STATUS: THE HOOD PIN SWITCH (INCLUDED) MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11
OFF
SECURITY STICKER


Included

Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

NOTES

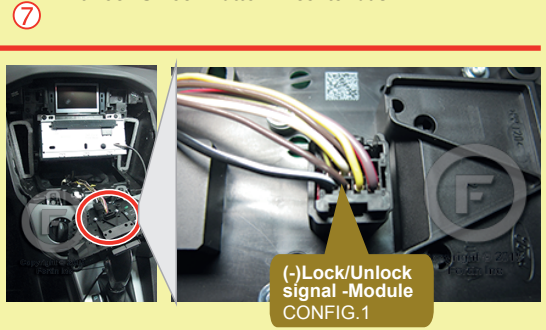
ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

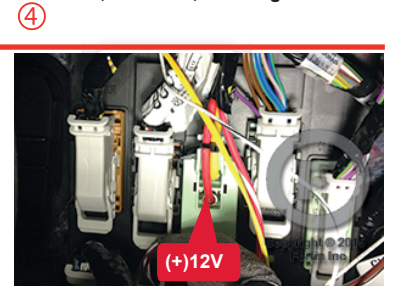
CONFIGURATION 1

At Lock Unlock Button in center dash



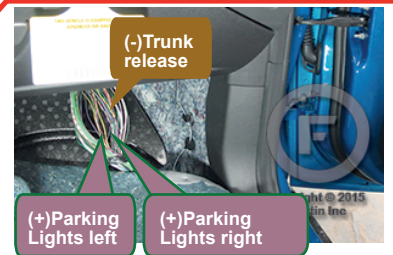
(-)Lock/Unlock signal -Module CONFIG.1

BCM, Fuse box, behind glove box

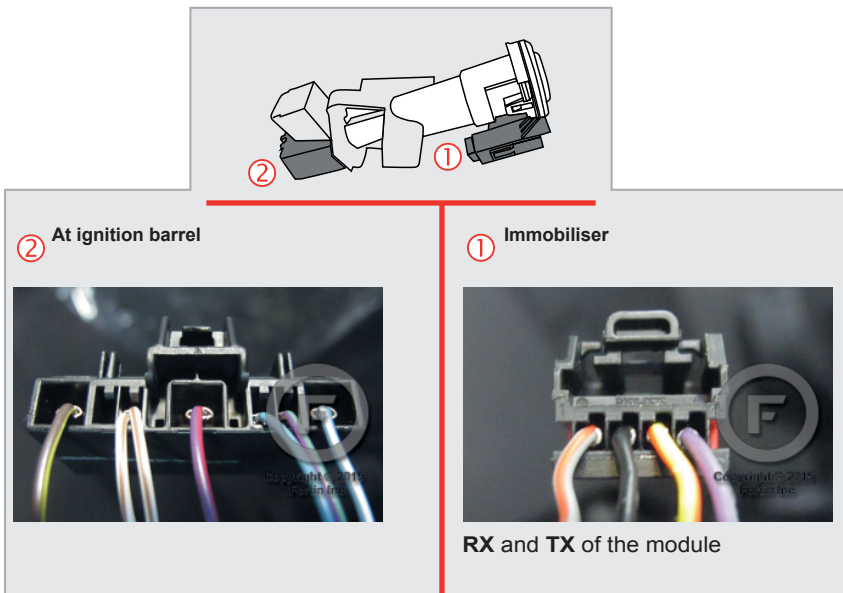


(+)12V

Harness under passenger-side carpet.



(-)Trunk release
(+)Parking Lights left
(+)Parking Lights right



At ignition barrel

Immobiliser

RX and TX of the module

Driver kick panel

CONFIGURATION 2

(-)Lock
Gray/Yellow
Gris/Jaune
CONFIG.2

(-)Unlock
Purple/Grey
Mauve/Gris
CONFIG.2

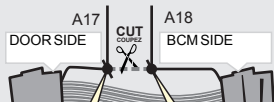
DOORSIDE

Driver Door Pin

BCM SIDE

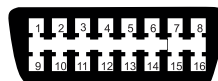


OBD-II connector

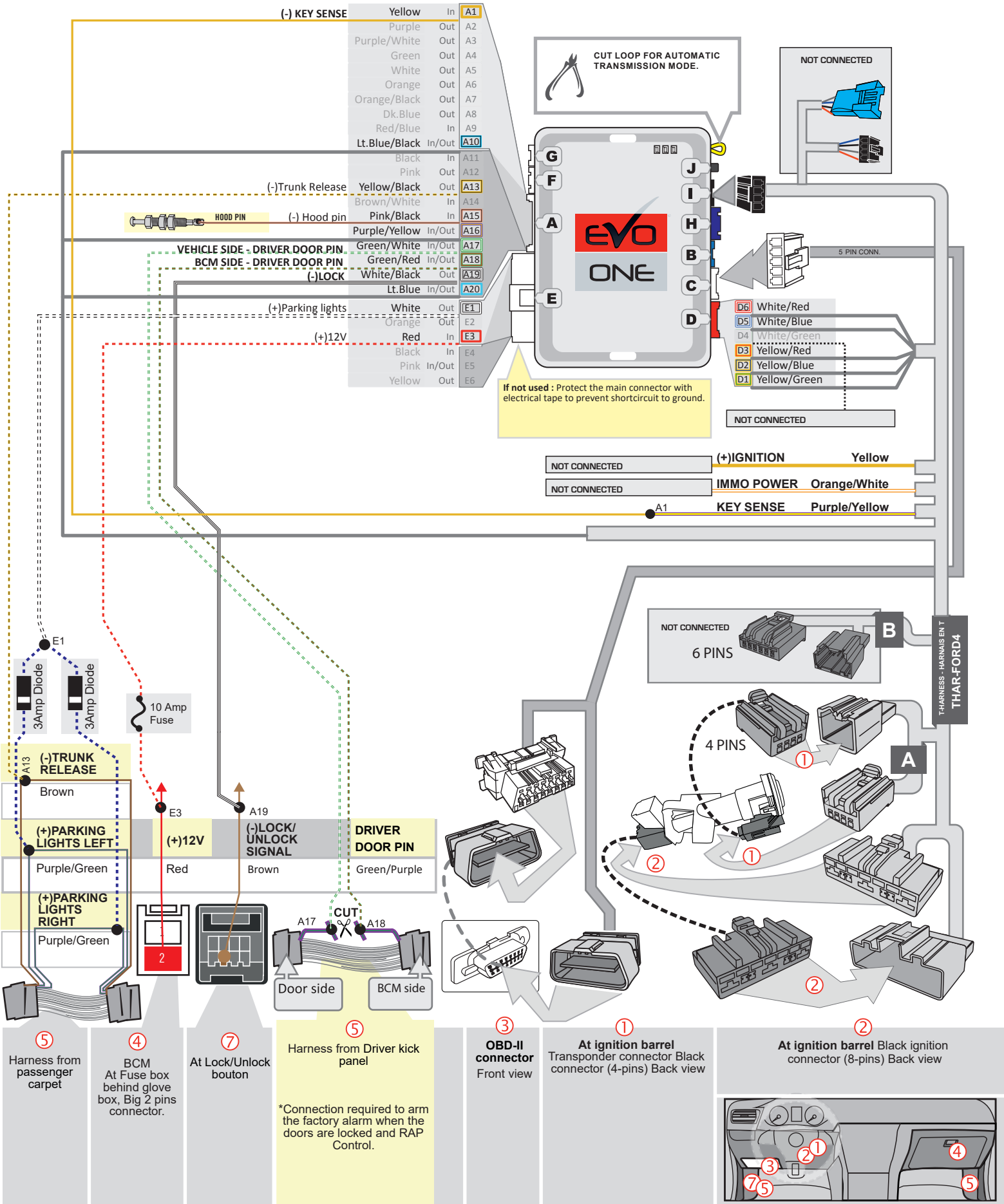


RAP / Factory Alarm Control

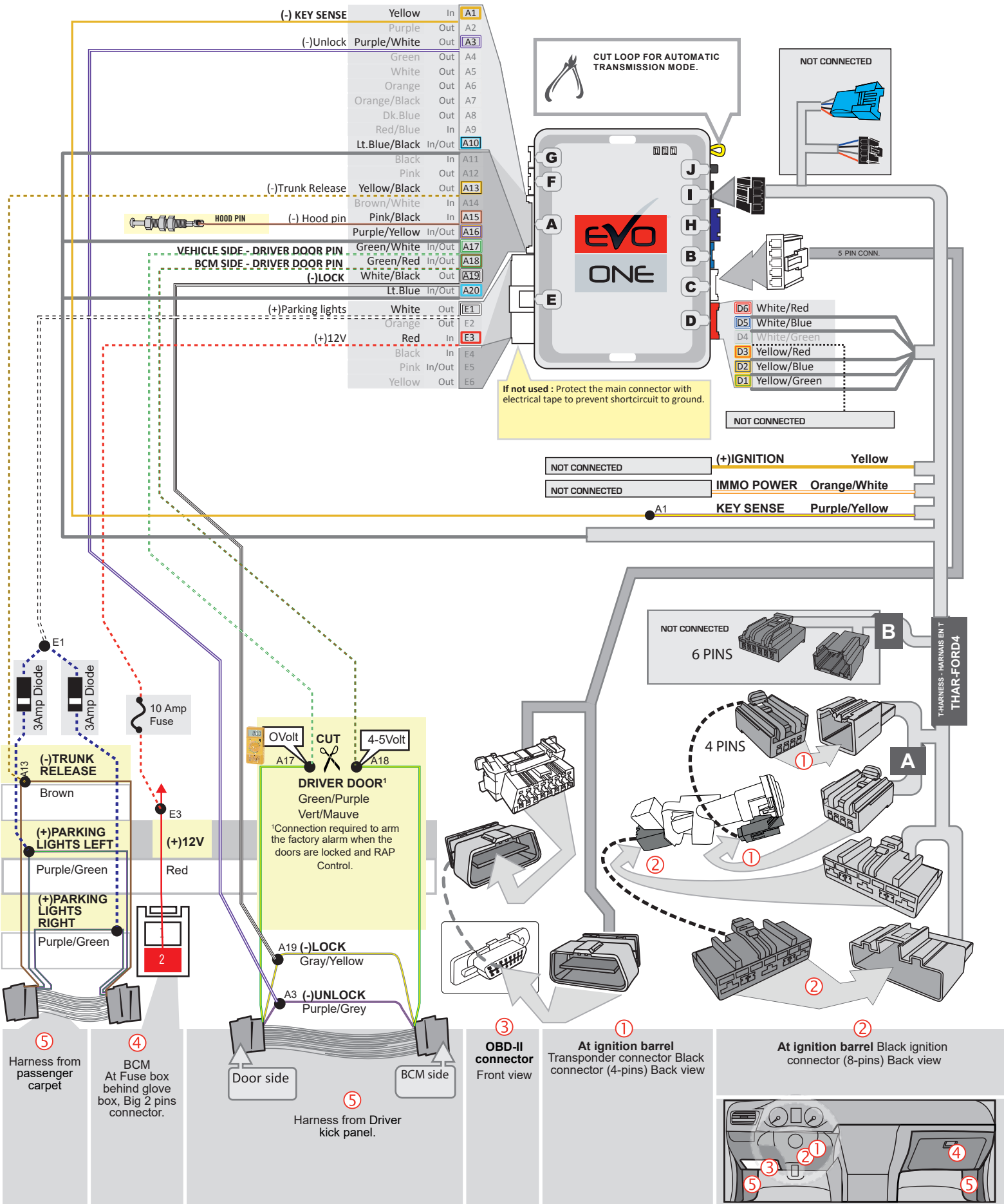
0Volt 12Volt
Multimeter voltage test (MODULE NOT CONNECTED).



CONFIGURATION 1 DOOR LOCK IN CENTER DASHBOARD




CONFIGURATION 2 DOOR LOCK BUTTON IN DRIVER DOOR



KEY BYPASS PROGRAMMING PROCEDURE

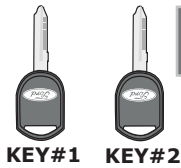
Choose between :



2 key programming.

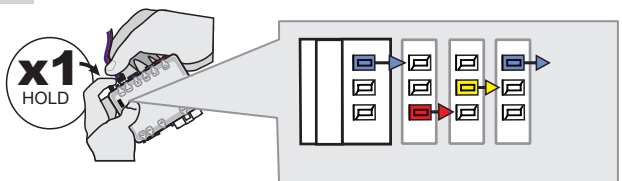


DCRYPTOR and 1 key programming.



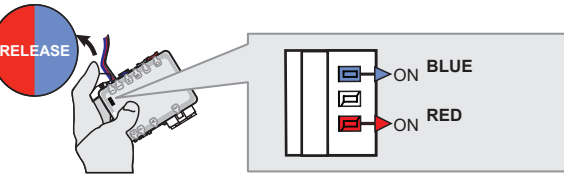
2 KEY REQUIRED

1



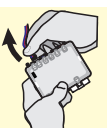
Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).
 ↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

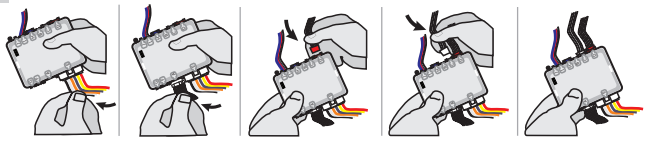


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector).

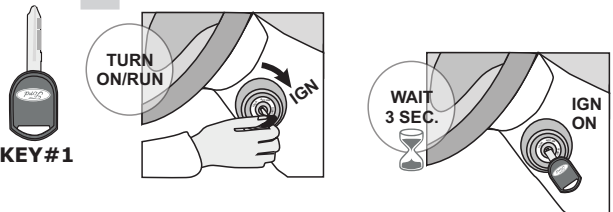


3



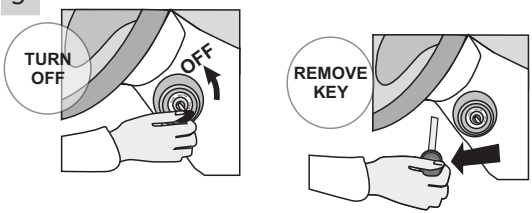
Connect the required remaining harnesses.

4



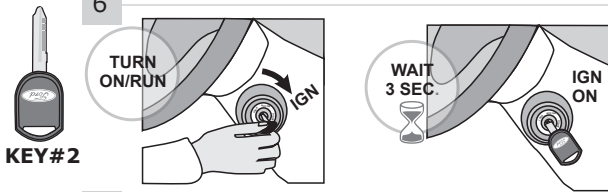
Turn the first functional key to the Ignition ON/RUN position.
Wait 3 seconds.

5



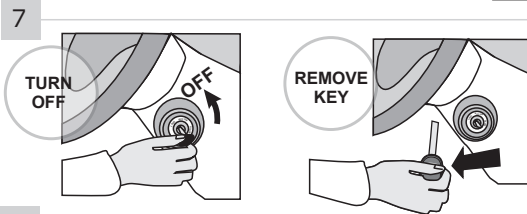
Turn the key to the OFF position.
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



Turn the key to the OFF position.

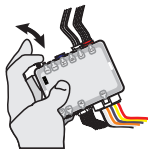
Remove the second key.

8

5 sec. max

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.

x1
PRESS
HOLD
RELEASE

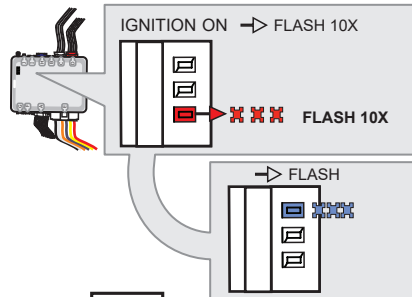


Ignition ON



Press and hold the programming button until the vehicle ignition turn ON.

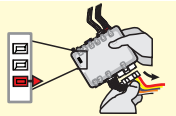
Release the programming button.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



VEHICLE EQUIPPED WITH DOOR LOCK BUTTON IN DRIVER DOOR.

OR

VEHICLE EQUIPPED WITH WITH DOOR LOCK IN CENTER DASH BOARD.

Ignition OFF



The vehicle ignition will turn OFF.



5 sec. max



Press and release the foot-brake pedal

Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

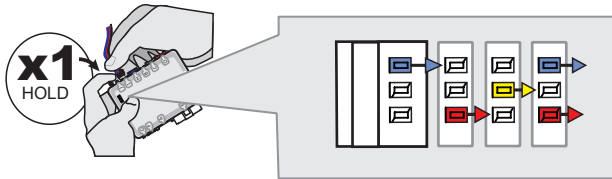
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- Smartphone *Android* or *iOS* with Internet connection
(Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

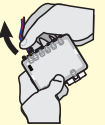
1



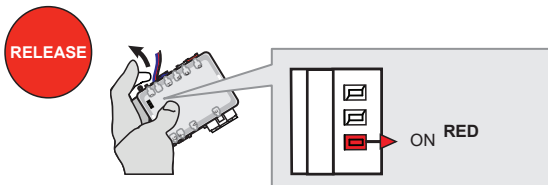
Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

↳ The LEDs will alternate between BLUE, RED, YELLOW & BLUE/RED flashes.

If the RED LED is ON solid disconnect the 4-PIN Data-link harness (Black connector).

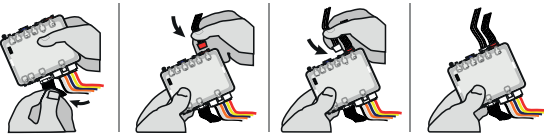


2



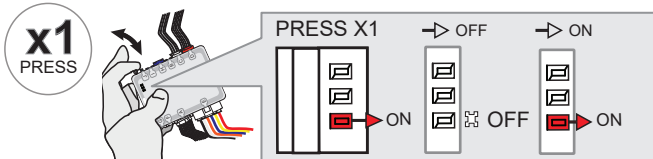
Release the programming button when the LED is RED.

3



Insert the required remaining connectors.

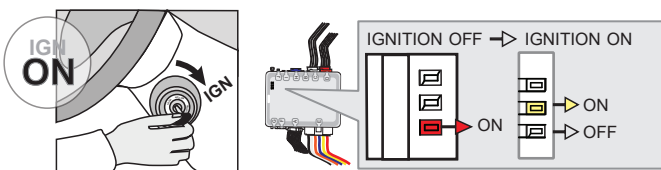
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



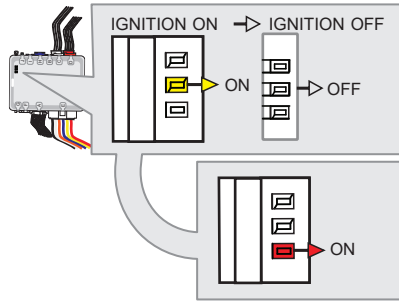
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

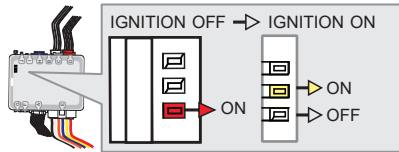
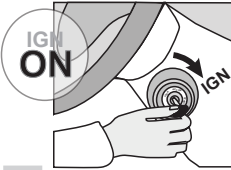
6



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

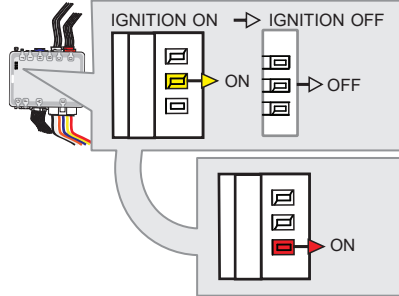
↳The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳The RED LED will turn OFF.
↳The YELLOW LED will turn on.

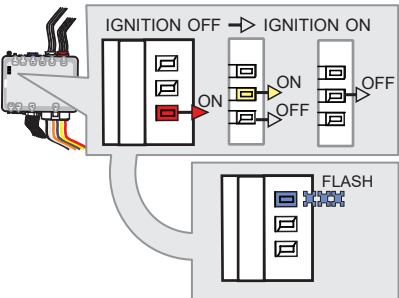
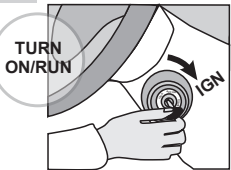
8



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

↳The RED LED will turn on.

9



Turn the key to the Ignition ON/RUN position.
↳The YELLOW LED will turn on and off.
↳The RED LED will turn OFF.

↳WAIT, the BLUE LED to flash rapidly.

VEHICLE EQUIPPED WITH DOOR LOCK BUTTON IN DRIVER DOOR.

OR

VEHICLE EQUIPPED WITH WITH DOOR LOCK IN CENTER DASH BOARD.



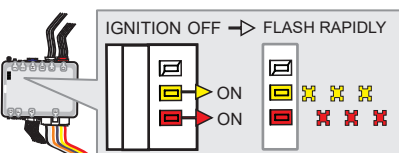
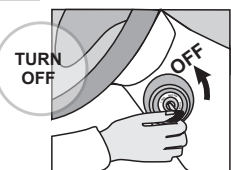
5 sec. max

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.



Press and release the foot-brake pedal

10



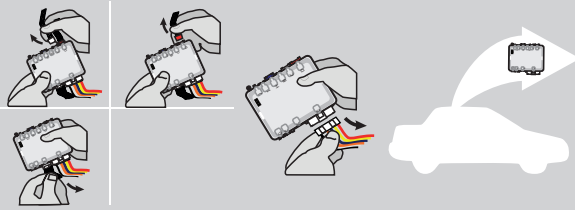
Turn the key to the OFF position.

↳The RED and YELLOW LEDs will alternate.

CONTINUED NEXT PAGE

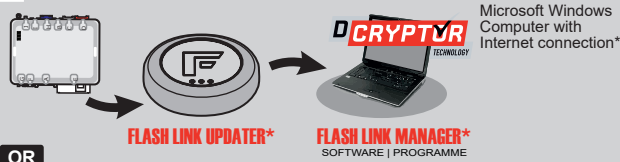
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



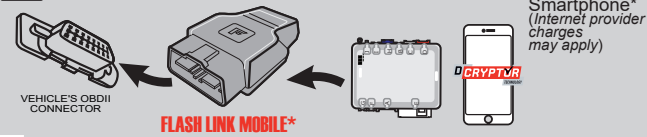
Disconnect all connectors and after the 6-Pin (Main-Harness) or the 4-Pin Data-link connector.

12



Microsoft Windows Computer with Internet connection*

OR

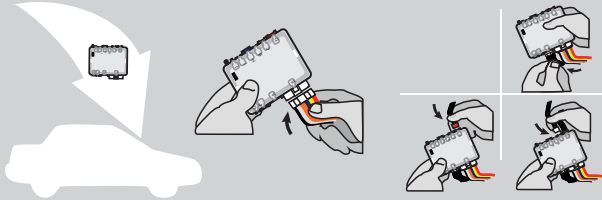


Smartphone* (Internet provider charges may apply)

Use the tool: FLASH LINK UPDATER or FLASH LINK MOBILE to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED Go back to the vehicle and reconnect the 6-Pin (Main-Harness) or the 4-pins (Data-Link) connector and after all the remaining connector.



The module is now programmed.



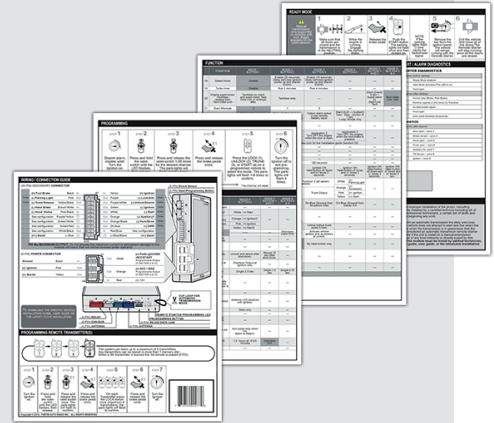
REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER PROGRAMMING PROCEDURE



REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



THAR-FOR4 THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

		Vehicle functions supported in this diagram (functional if equipped)																	
VEHICLE	YEARS	Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Parking Lights	Horn	RAP Disable	Trunk Release	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	R.S. OEM remote Stand Alone compatible
FORD																			
Focus	Sedan 2016-2018	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Hatchback 2016-2018	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

BYPASS FIRMWARE VERSION

71.[52]

FORD MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

		FUNCTION	MODE	DESCRIPTION
	Program remote starter option:	31	4	(+) Parking Light (E1) (+) Accessory (E2)

		FUNCTION	MODE	DESCRIPTION
	Program remote starter option for R.S. OEM REMOTE STAND ALONE:	38	2	Enable : Press 3x Lock to remote start with the OEM remote.

		UNIT OPTION	DESCRIPTION
	Program bypass option:	C1	OEM Remote status (Lock/Unlock) monitoring
	IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	OFF
			Hood trigger (Output Status).

- Parts required** (Not included)
- 2x Diode 3 Amp
 - 1x Fuse 10 AMP
 - 1x **THAR-FOR4**

MANDATORY INSTALL

*** HOOD PIN** **HOOD STATUS**: THE HOOD PIN SWITCH (INCLUDED) MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

SECURITY STICKER

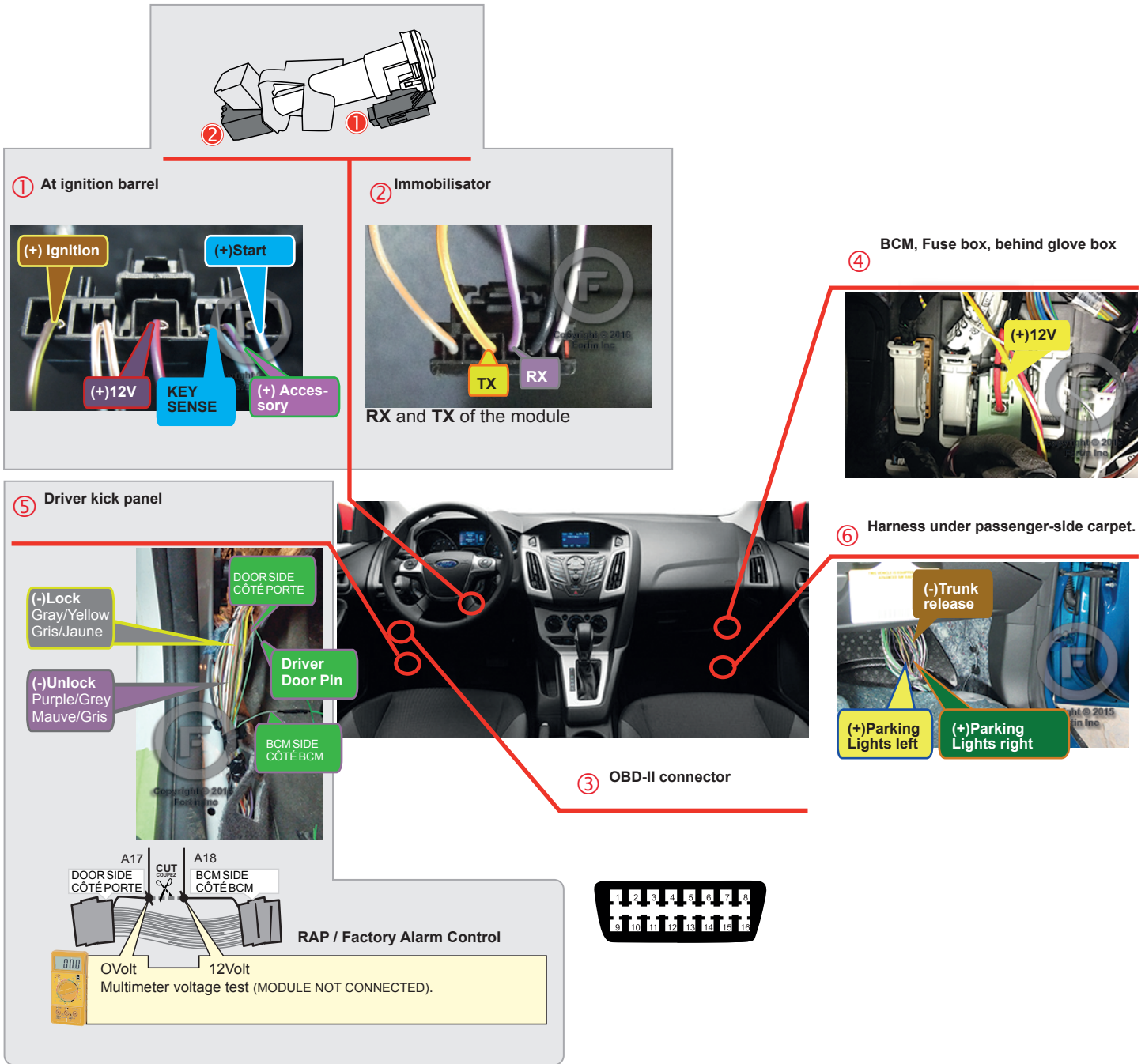
WARNING
ATTENTION

Included

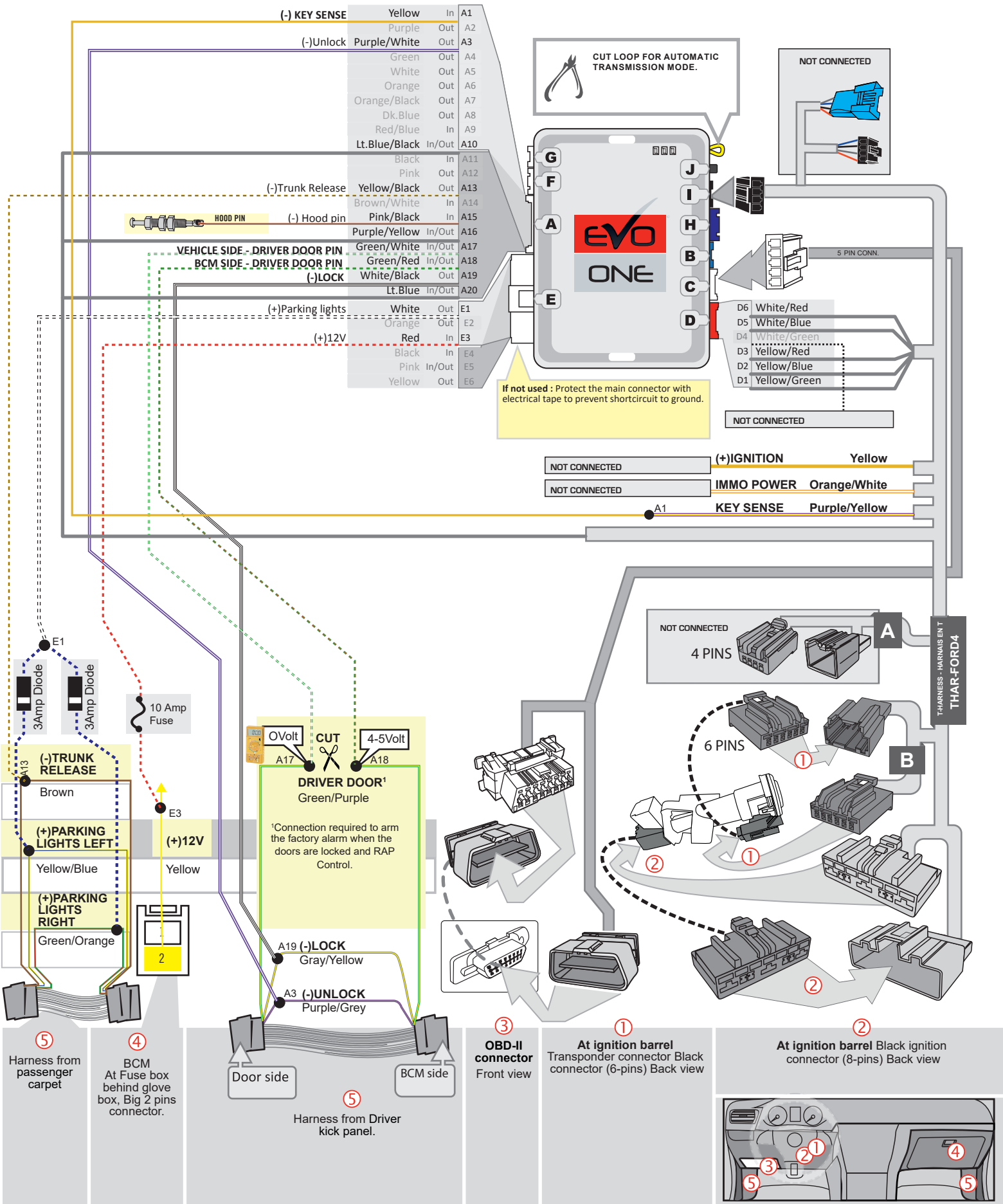
Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION



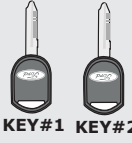
WIRING CONNECTION | GUIDE DE BRANCHEMENTS



KEY BYPASS PROGRAMMING PROCEDURE

Choose between :

Choisir entre:



2 key programming.

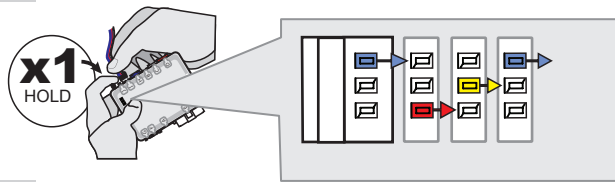


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

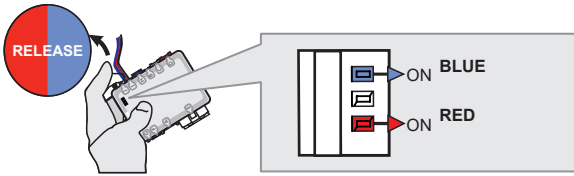
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

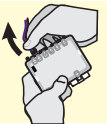
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

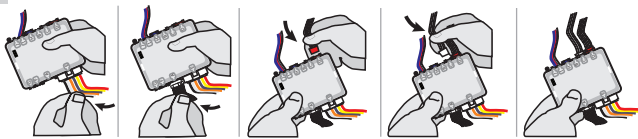


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector).

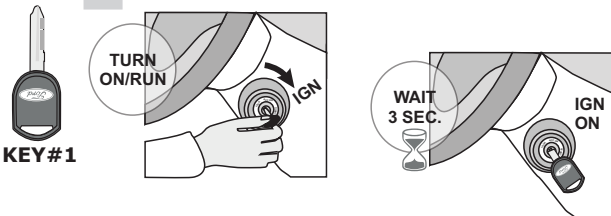


3



Connect the required remaining harnesses.

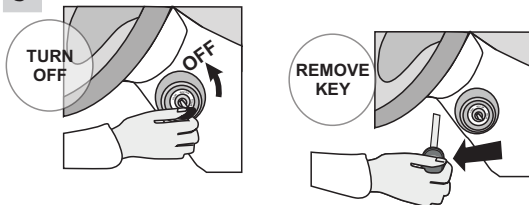
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

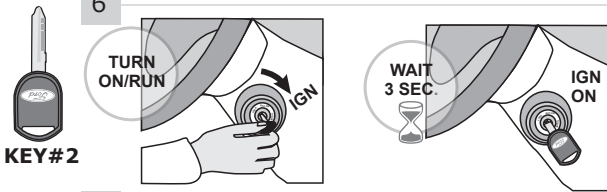
5



Turn the key to the OFF position.

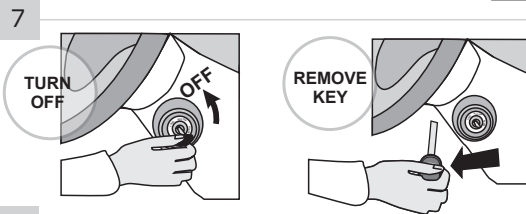
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2



Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.

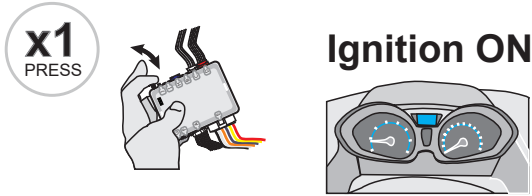


Turn the key to the OFF position.

Remove the second key.

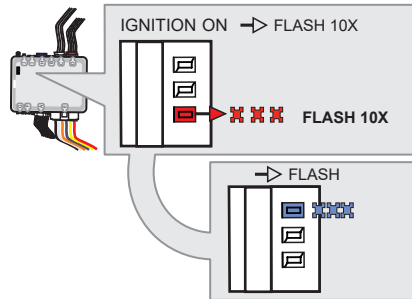
8

CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.



Press and release the programming button.

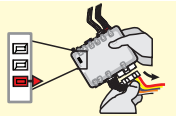
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

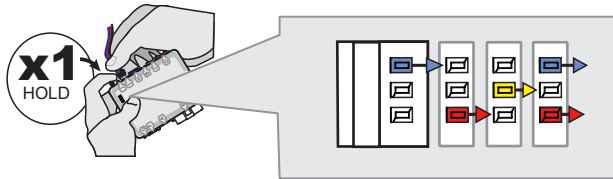
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- Smartphone *Android* or *iOS* with Internet connection
(Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

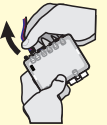
1



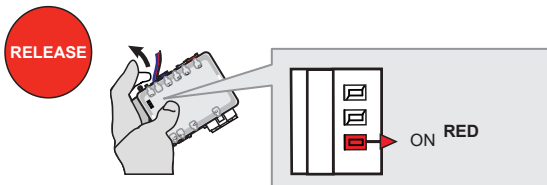
Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

↳ The LEDs will alternate between BLUE, RED, YELLOW & BLUE/RED flashes.

If the RED LED is ON solid disconnect the 4-PIN Data-link harness (Black connector).

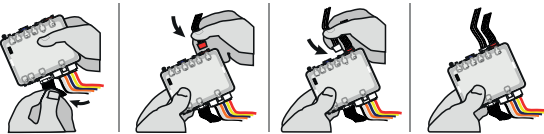


2



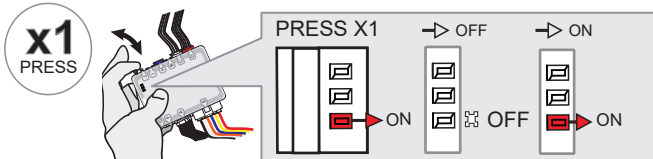
Release the programming button when the LED is RED.

3



Insert the required remaining connectors.

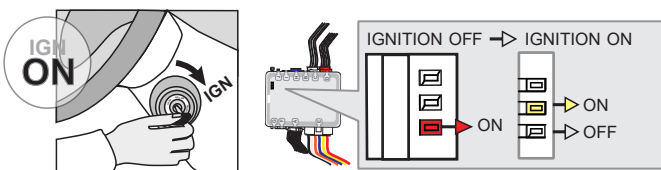
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



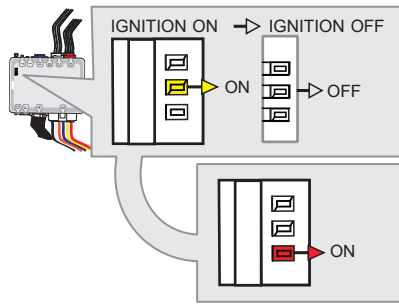
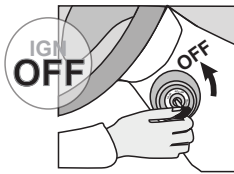
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3

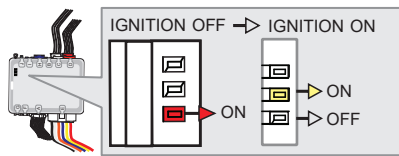
6



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

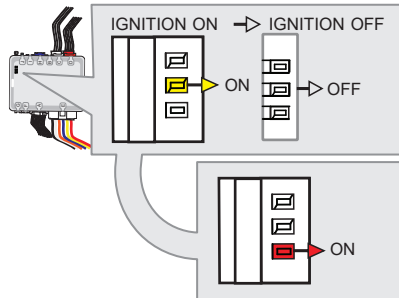
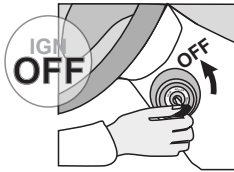
↳The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳The RED LED will turn OFF.
↳The YELLOW LED will turn on.

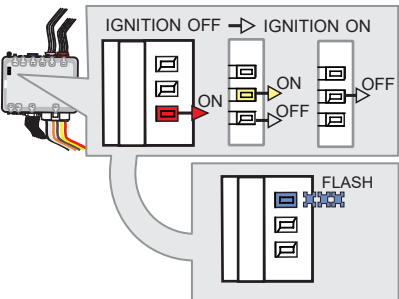
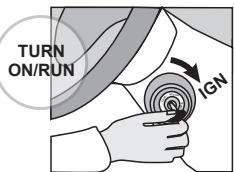
8



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

↳The RED LED will turn on.

9

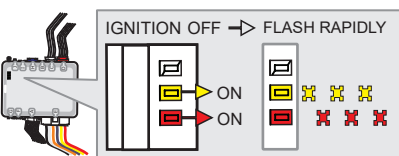
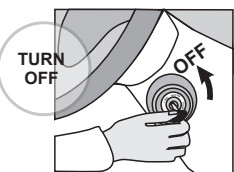


Turn the key to the Ignition ON/RUN position.
↳The YELLOW LED will turn on and off.

↳The RED LED will turn OFF.

↳WAIT, the BLUE LED to flash rapidly.

10

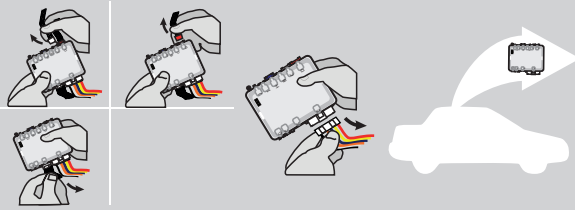


Turn the key to the OFF position.

↳The RED and YELLOW LEDs will alternate.

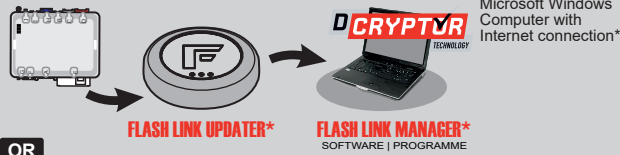
KEY BYPASS PROGRAMMING PROCEDURE 3/3

11



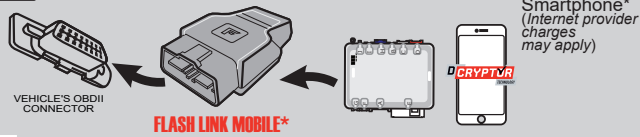
Disconnect all connectors and after the 6-Pin (Main-Harness) or the 4-Pin Data-link connector.

12



Microsoft Windows Computer with Internet connection*

OR

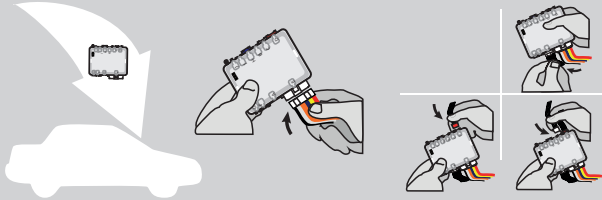


Smartphone* (Internet provider charges may apply)

Use the tool:
FLASH LINK UPDATER or **FLASH LINK MOBILE** to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and reconnect the 6-Pin (Main-Harness) or the 4-pins (Data-Link) connector and after all the remaining connector.



The module is now programmed.



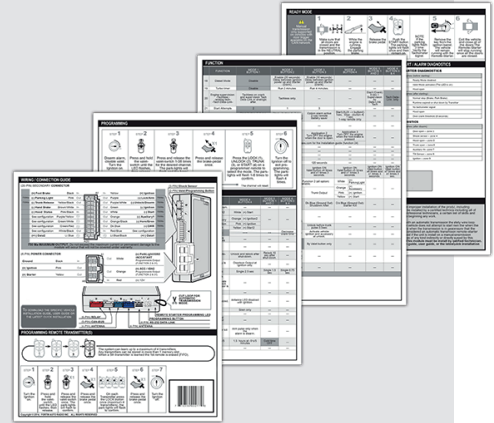
REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER PROGRAMMING PROCEDURE



REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



THAR-FOR4 THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

Vehicle functions supported in this diagram (functional if equipped)

	YEARS 2007-2010	2KEY Programming	1KEY Programming	Transponder Bypass	T-Harness Hamais en T	Lock	Unlock	Arm	Disarm	RAP Disable	Tachometer	Door Status	Trunk Status	Hood Status	Hand-Brake Status	Foot-Brake Status	OEM Remote Monitoring
		1	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•

LINCOLN

MKX	2007-2010	1	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•
-----	-----------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

BYPASS FIRMWARE VERSION

71.[52]

FORD MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

	Program bypass option IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	UNIT OPTION	
		A11	OFF
		DESCRIPTION	Hood trigger (Output Status).

	Program remote starter option:	FUNCTION	MODE	DESCRIPTION
		31	4	(+) Parking Light (E1) (+) Accessory (E2)

- Parts required (Not included)**
- 1x 10 Amp Fuse
 - 2x 1Amp Diodes (with alarm)

NOTES

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

MANDATORY INSTALL

* HOOD PIN



HOOD STATUS : THE HOOD PIN SWITCH (INCLUDED) MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

SECURITY STICKER



Included

Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.

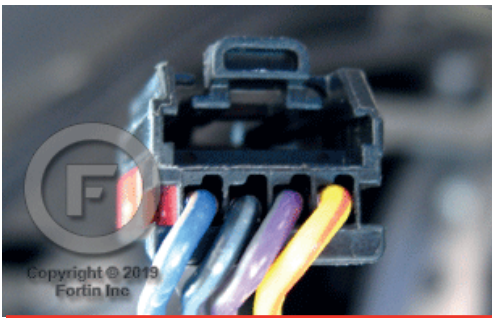
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

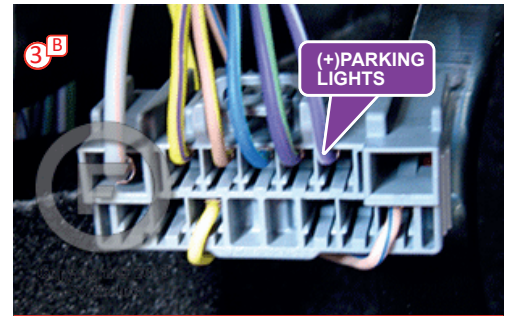
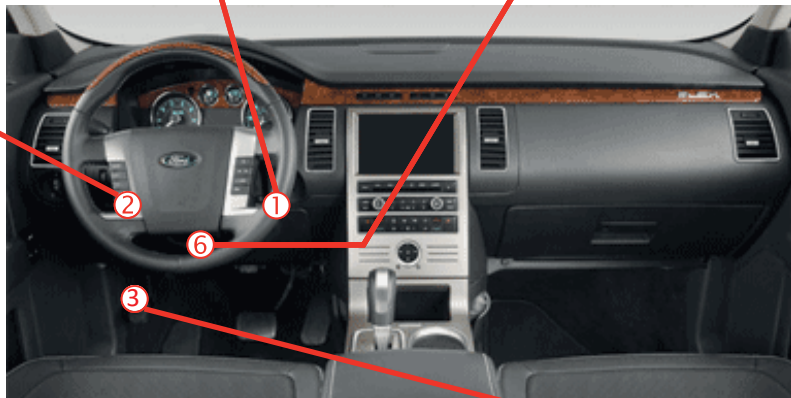
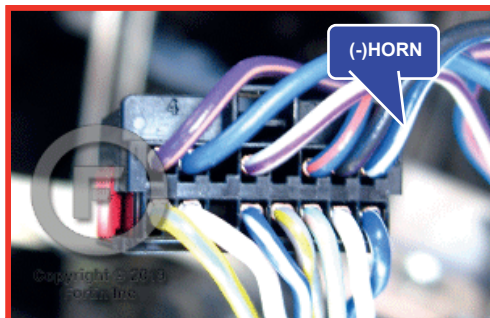
② Ignition barrel



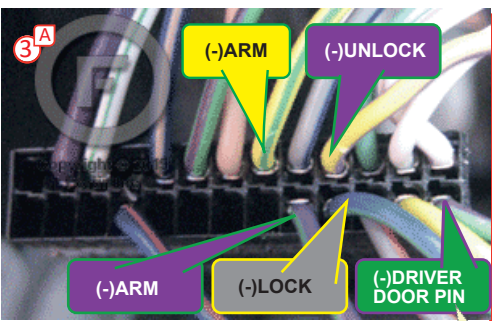
① Ignition barrel



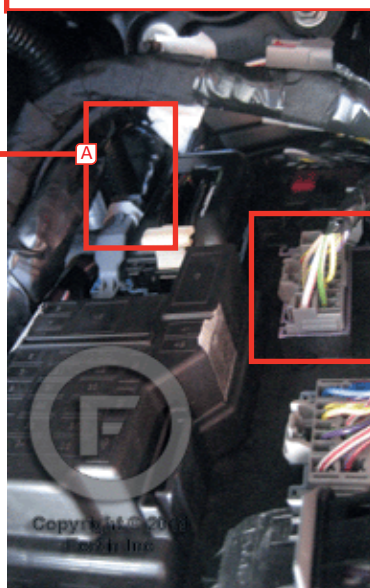
⑥ Steering column



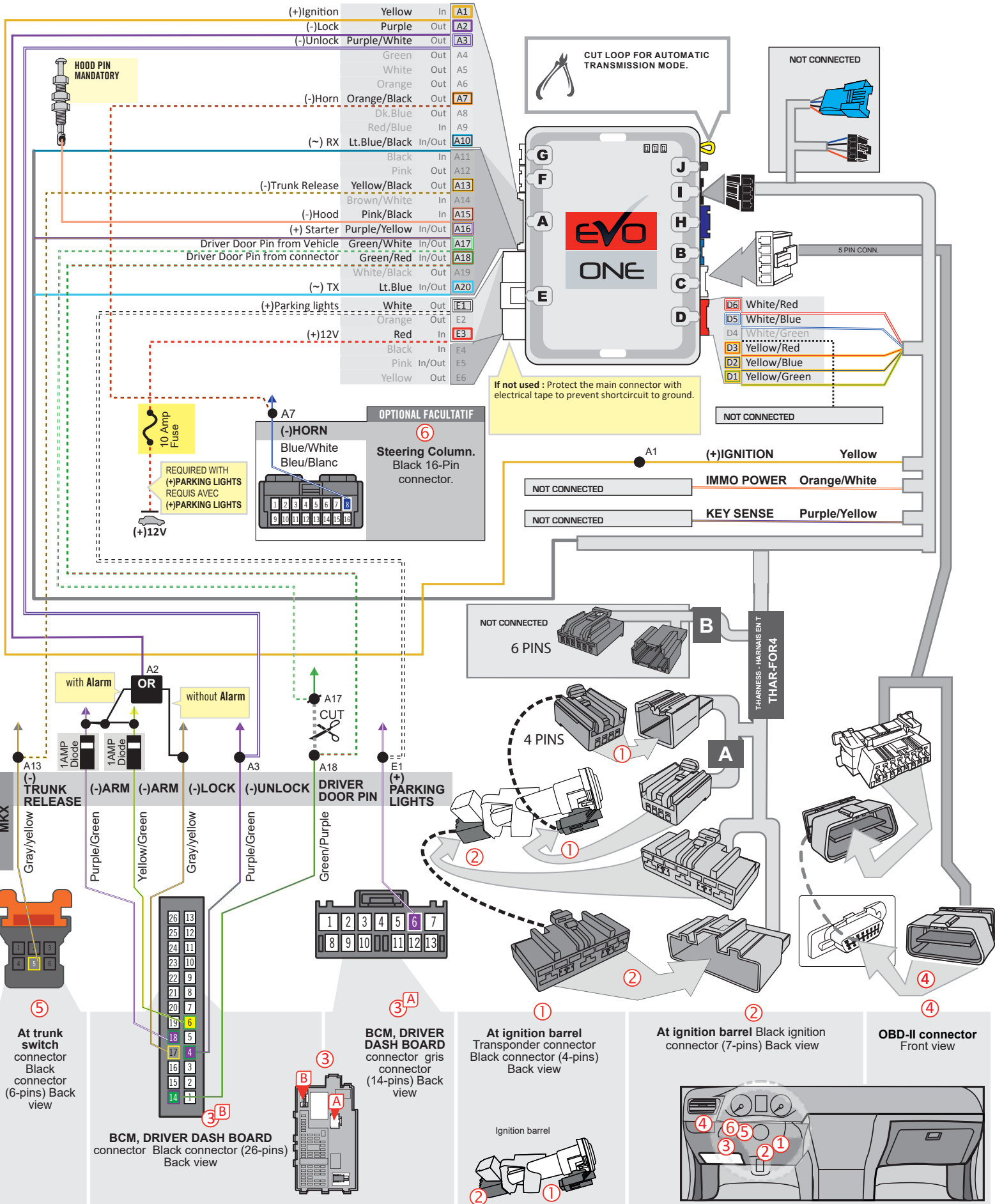
③ BCM Driver kick panel



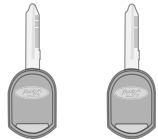
Connection required to arm the factory alarm when the doors are locked and RAP Control.



WIRING CONNECTION

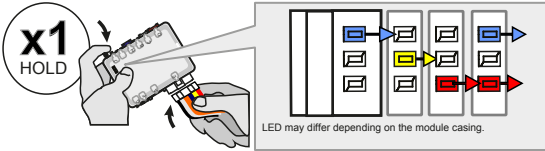


PROGRAM.1: 2 KEY PROGRAMMING PROCEDURE 1/2



2 KEY REQUIRED

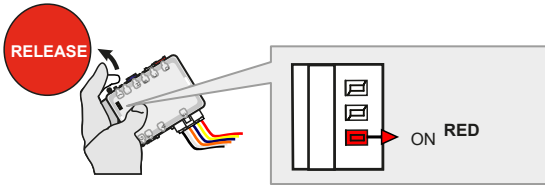
1



Press and hold the programming button:
Insert the 6-Pin Main connector.

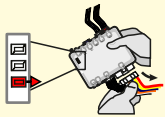
↳ The LEDs will alternate between **BLUE, RED, YELLOW & BLUE/RED** flashes.

2

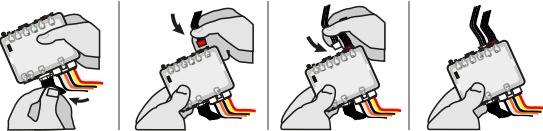


Release the programming button when the LED is **RED**.

If the LED is not solid **RED** disconnect the 6 Pin connector (Main-Harness) and go back to step 1.

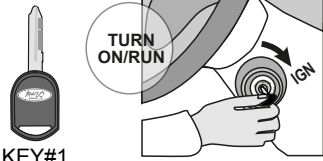


3



Insert the required remaining connectors.

4

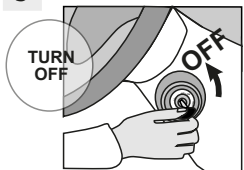


Turn the first functional key to the ON/RUN position.



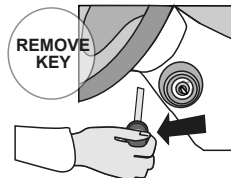
Wait 3 seconds.

5

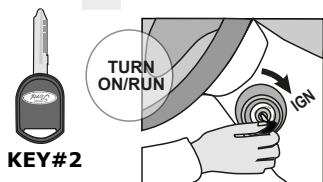


Turn the ignition to the OFF position

and **remove** the first key.



6



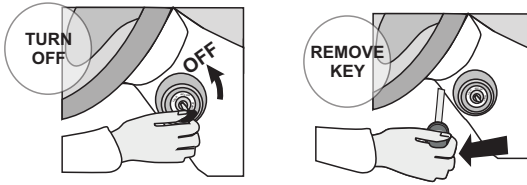
Turn the second functional key to the ON/RUN position.



Wait 3 seconds.

PROGRAM.1: 2 KEY PROGRAMMING PROCEDURE 2/2 |

7



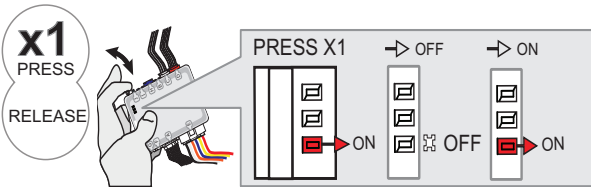
Turn the ignition to the OFF position
and **remove** the second key.

8



CAUTION The following step must be completed within 5 seconds.
Otherwise **disconnect** all connectors and go back to step 1.


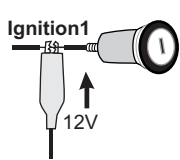
5 sec. max



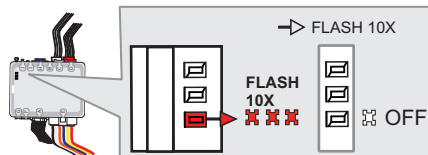
Press and hold the programming button until the LED flashes once.

↳ The RED LED will flash once (1x).

Release the programming button.

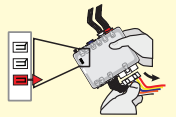
AUTOMATIC TRANSMISSION	MANUAL TRANSMISSION
 <p>Activate the remote starter.</p>	 <p>Using a jumper wire, apply power (12v) to the vehicle's ignition1.</p>

9



The RED LED will flash rapidly ten (10) times.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Manual transmission:
Remove the jumper.

The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

DCRYPTOR PROGRAMMING PROCEDURE |



Parts required (not included)

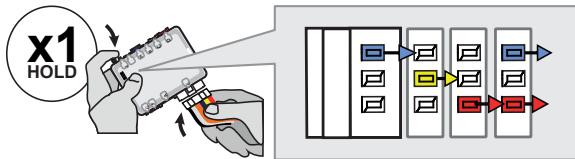
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- Smartphone *Android* or *iOS* with Internet connection
(Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

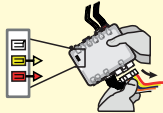
1



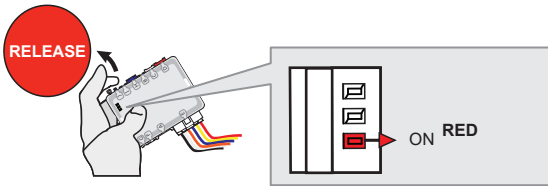
Press and hold the programming button:
Insert the 6-Pin Main connector.

↳ The LEDs will alternate between BLUE, RED, YELLOW & BLUE/RED flashes.

If the LED is not solid RED disconnect the 6 Pin connector (Main-Harness) and go back to step 1.

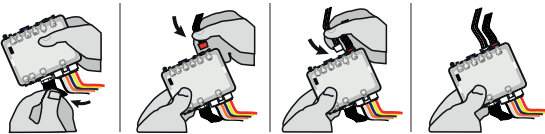


2



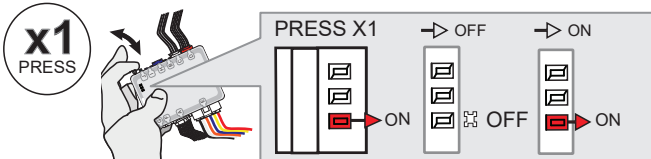
Release the programming button when the LED is RED.

3



Insert the required remaining connectors.

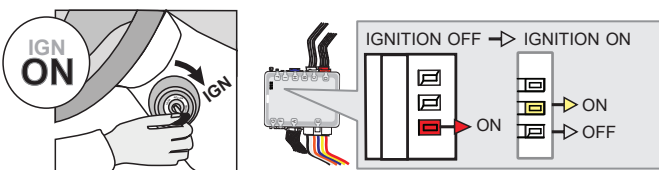
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



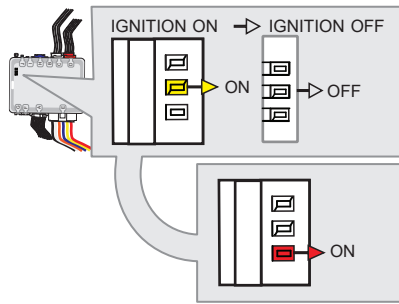
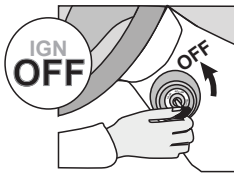
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3 |

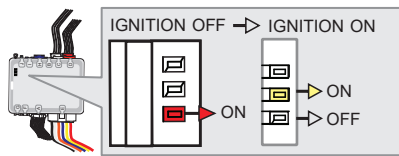
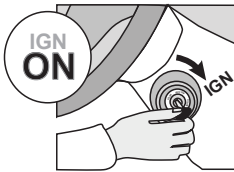
6



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

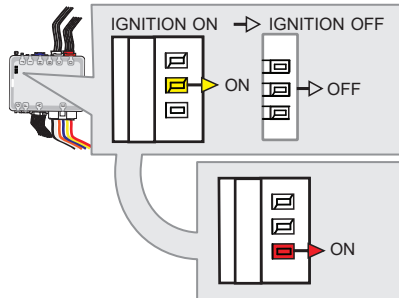
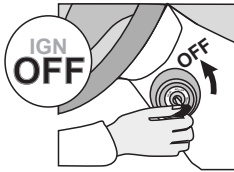
↳The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳The RED LED will turn OFF.
↳The YELLOW LED will turn on.

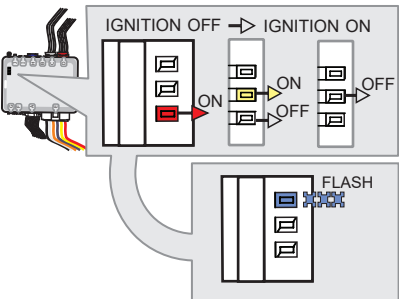
8



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

↳The RED LED will turn on.

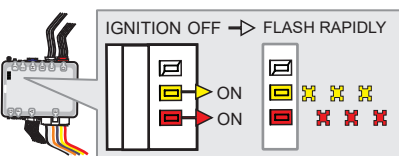
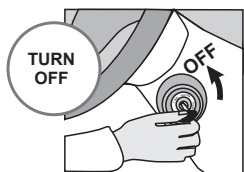
9



Turn the key to the Ignition ON/RUN position.
↳The YELLOW LED will turn on and off.
↳The RED LED will turn OFF.

↳WAIT, the BLUE LED to flash rapidly.

10

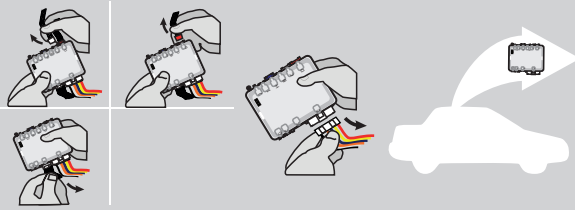


Turn the key to the OFF position.

↳The RED and YELLOW LEDs will alternate.

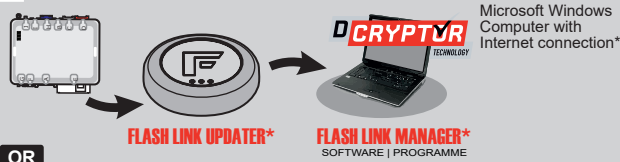
KEY BYPASS PROGRAMMING PROCEDURE 3/3 |

11



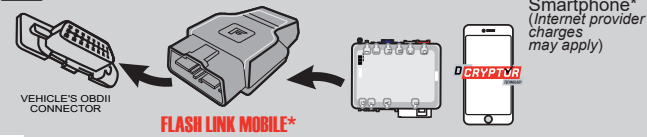
Disconnect all connectors and after the 6-Pin (Main-Harness) or the 4-Pin Data-link connector.

12



Microsoft Windows Computer with Internet connection*

OR

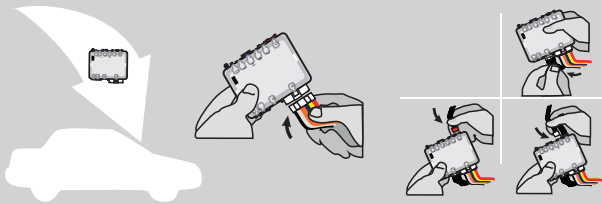


Smartphone* (Internet provider charges may apply)

Use the tool:
FLASH LINK UPDATER or **FLASH LINK MOBILE** to visit the DCRYPTOR menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and reconnect the 6-Pin (Main-Harness) or the 4-pins (Data-Link) connector and after all the remaining connector.



The module is now programmed.



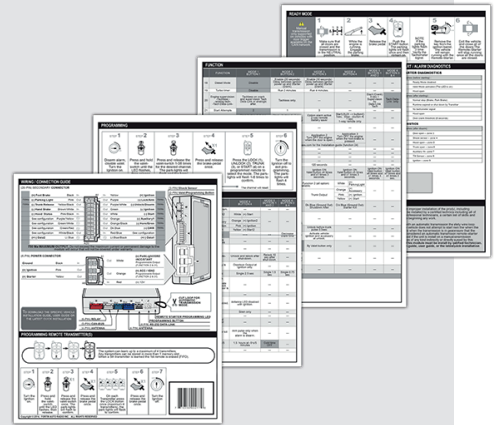
REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER PROGRAMMING PROCEDURE |



REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



REMOTE STARTER FUNCTIONALITY |



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



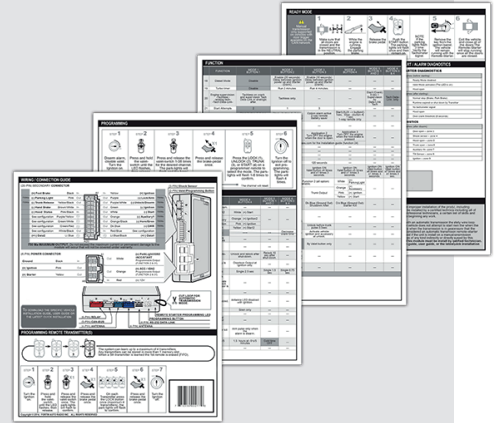
Press the brake pedal.



The vehicle can now be put in to gear and driven.



REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



THAR-FOR4 THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



VEHICLE YEARS

Vehicle functions supported in this diagram (functional if equipped)

Immoblizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	RAP Disable	Trunk Release	Horn	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	R.S. OEM remote Stand Alone compatible
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FORD

Mustang 40-bits 2010-2014



BYPASS FIRMWARE VERSION

71.[52]

FORD MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.



Program bypass option:

UNIT OPTION

DESCRIPTION

C1

OEM Remote status (Lock/Unlock) monitoring

D5

Lock after start

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:

A11

OFF

Hood trigger (Output Status).



Program remote starter option:

FUNCTION

MODE

DESCRIPTION

31

4

(+) Parking Light (E1)
(+) Accessory (E2)



Program remote starter option for R.S. OEM REMOTE STAND ALONE:

FUNCTION

MODE

DESCRIPTION

38

2

Enable
Press 3x Lock to remote start with the OEM remote.

NOTES

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.



Parts required (Not included)

1x Fuse 10Amp.

MANDATORY INSTALL

* HOOD PIN



HOOD STATUS : THE HOOD PIN SWITCH (INCLUDED) MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11

OFF

SECURITY STICKER



Included

Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.

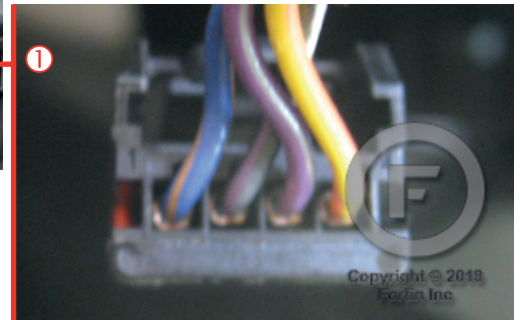
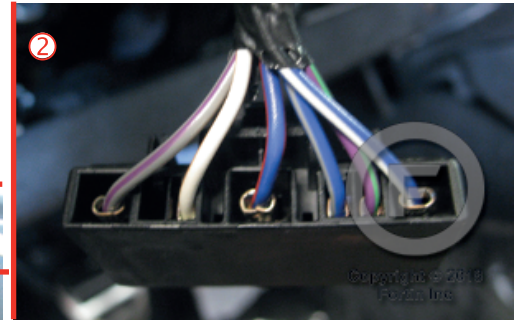
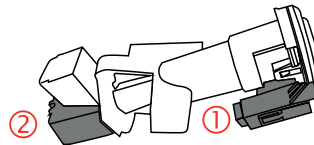
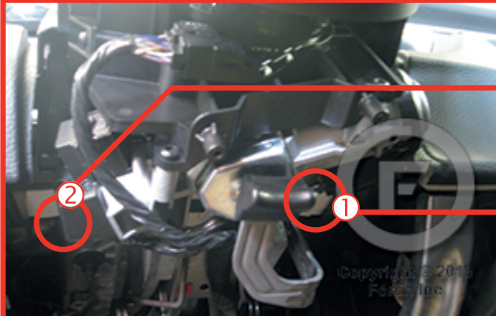
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

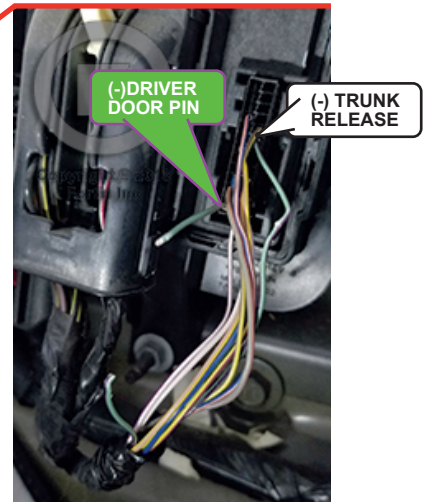
⑥ At steering column



Ignition barrel



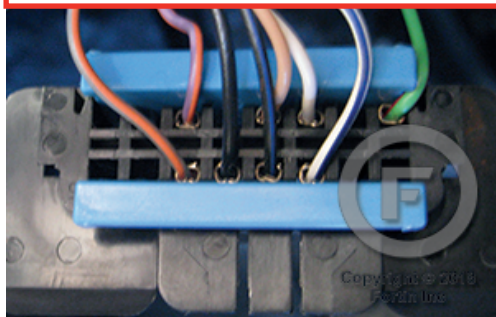
④ BCM Passenger kick panel



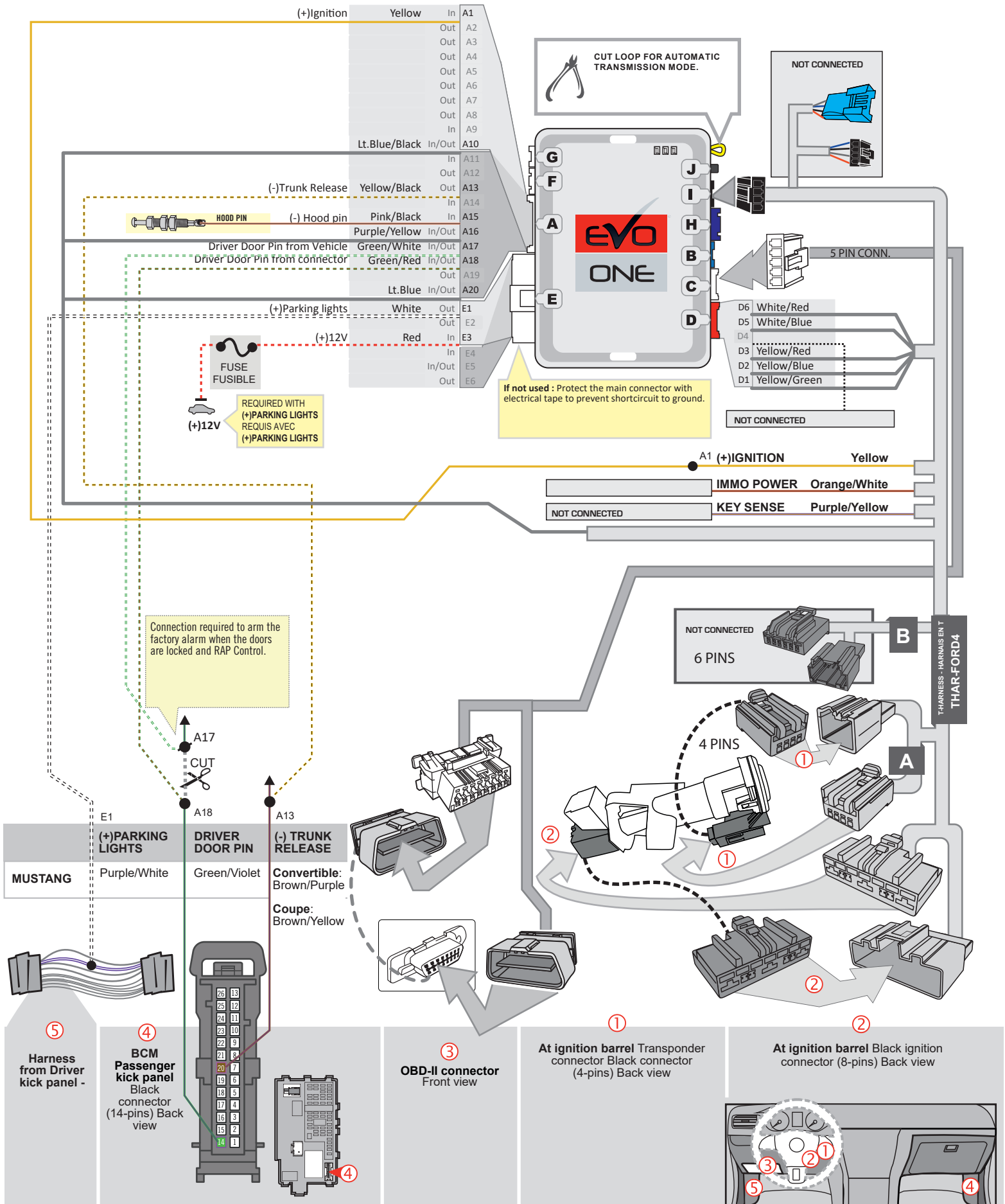
⑤ Driver kick panel



③ OBD-II connector




WIRING CONNECTION




KEY BYPASS PROGRAMMING PROCEDURE |

Choose between :

Choisir entre:



2 key programming.

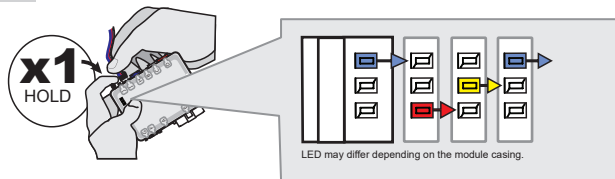


DCRYPTOR and 1 key programming.



2 KEY REQUIRED

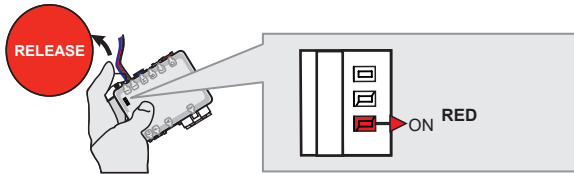
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

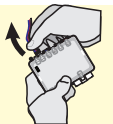
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

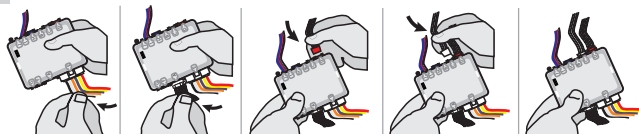


Release the programming button when the Red LEDs is ON.

If the Red LED is NOT ON solid disconnect the 4-PIN Data-link harness (Black connector).

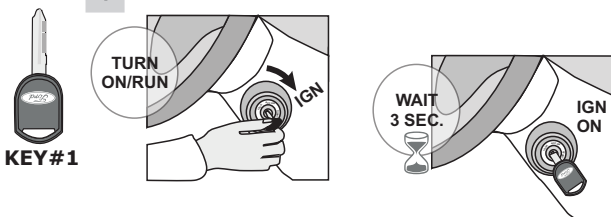


3



Connect the required remaining harnesses.

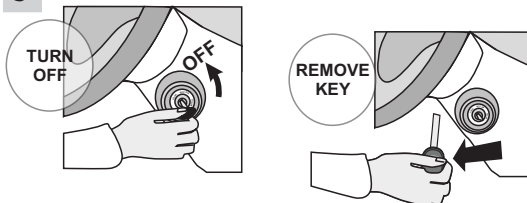
4



Turn the first functional key to the Ignition ON/RUN position.

Wait 3 seconds.

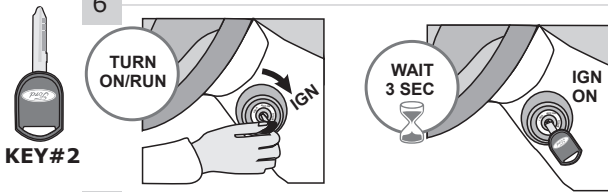
5



Turn the key to the OFF position.

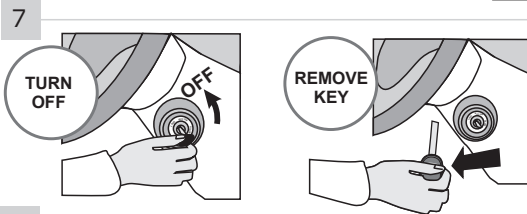
Remove the first key.

KEY BYPASS PROGRAMMING PROCEDURE 2/2 |



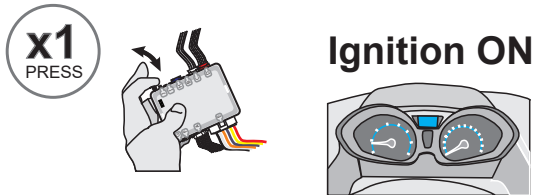
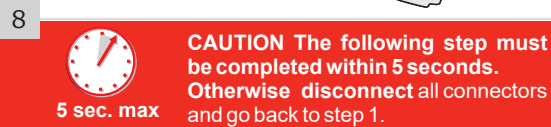
Turn the second functional key to the Ignition ON/RUN position.

Wait 3 seconds.



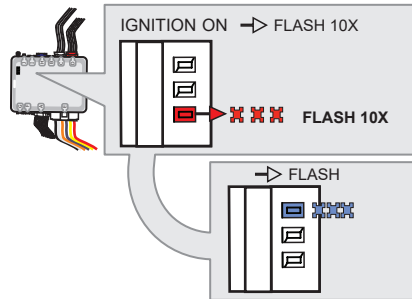
Turn the key to the OFF position.

Remove the second key.



Press and release the programming button.

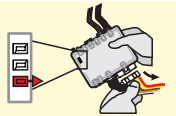
The vehicle ignition turn ON.



↳ The RED LED will flash rapidly 10x times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.



Ignition OFF



The vehicle ignition will turn OFF.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.



Parts required (not included)

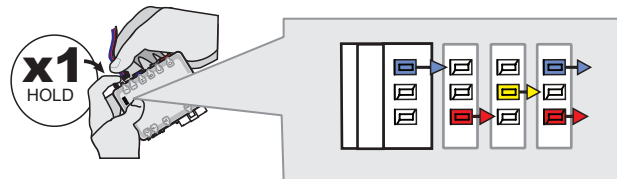
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection

OR

- 1x **FLASH LINK MOBILE**
- 1x **FLASH LINK MOBILE APP**
- 1x Smartphone *Android or iOS* with Internet connection
(Internet provider charges may apply)

BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

1

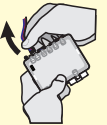


Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

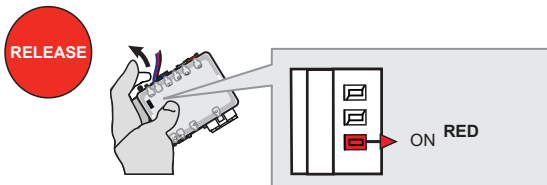
↳ The LEDs will alternate between BLUE, RED, YELLOW & BLUE/RED flashes.

If the RED LED is ON solid disconnect the 4-PIN Data-link harness (Black connector).

4-Broches (connecteur Noir).

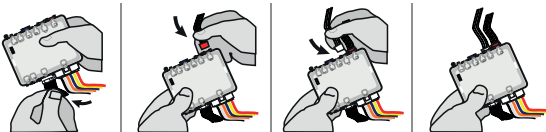


2



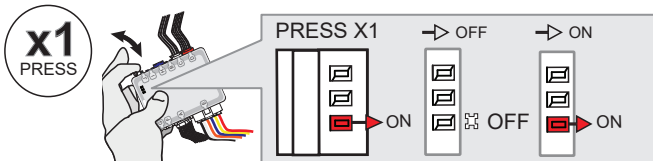
Release the programming button when the LED is RED.

3



Insert the required remaining connectors.

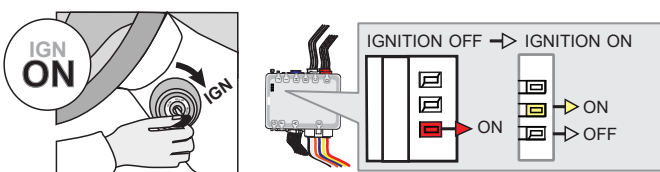
4



Press and release the programming button once (1x).

↳ The RED LED will flash once.

5



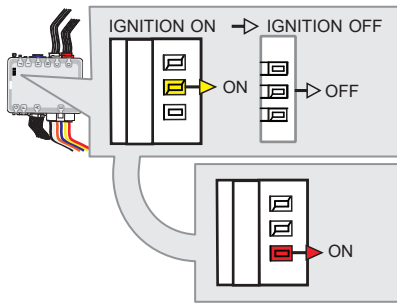
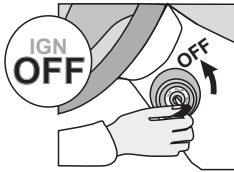
Turn the key to the Ignition ON/RUN position.

↳ The RED LED will turn OFF.

↳ The YELLOW LED will turn on.

KEY BYPASS PROGRAMMING PROCEDURE 2/3 |

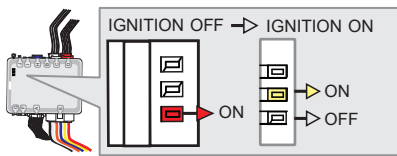
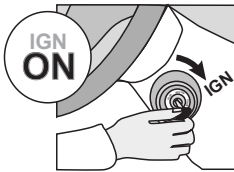
6



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

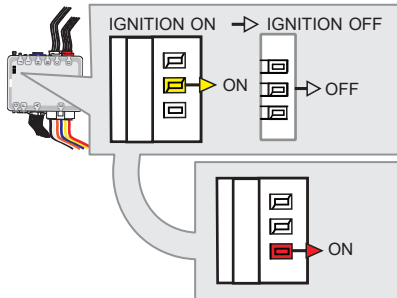
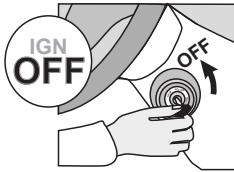
↳The RED LED will turn on.

7



Turn the key to the Ignition ON/RUN position.
↳The RED LED will turn OFF.
↳The YELLOW LED will turn on.

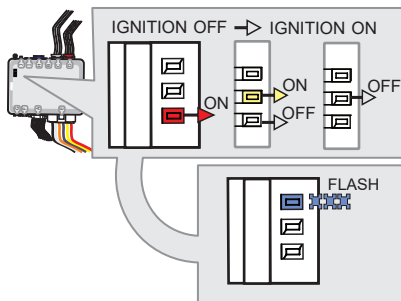
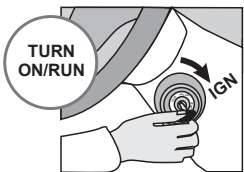
8



Turn the key to the OFF position.
↳The YELLOW LED will turn OFF.

↳The RED LED will turn on.

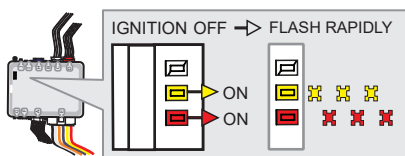
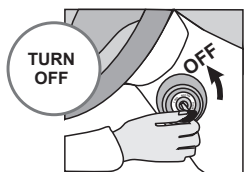
9



Turn the key to the Ignition ON/RUN position.
↳The YELLOW LED will turn on and off.
↳The RED LED will turn OFF.

↳WAIT, the BLUE LED to flash rapidly.

10

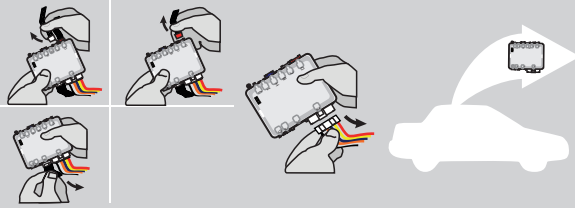


Turn the key to the OFF position.

↳The RED and YELLOW LEDs will alternate.

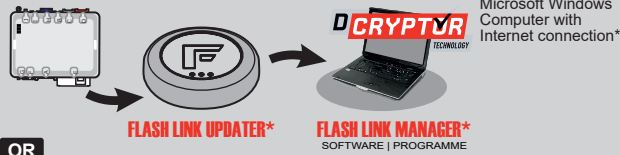
KEY BYPASS PROGRAMMING PROCEDURE 3/3 |

11

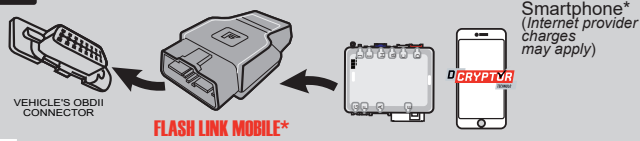


Disconnect all connectors and after the 6-Pin (Main-Harness) or the 4-Pin Data-link connector.

12



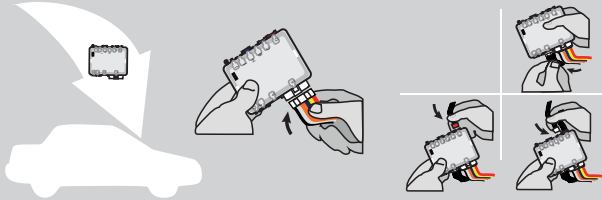
OR



Use the tool:
FLASH LINK UPDATER or
FLASH LINK MOBILE
to visit the DCryptor menu.

*Parts required (not included)

13



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 6-Pin (Main-Harness) or the 4-pins (Data-Link) connector and after all the remaining connector.

ou le 4-pins (Data-Link) et après tous les connecteurs.



The module is now programmed.

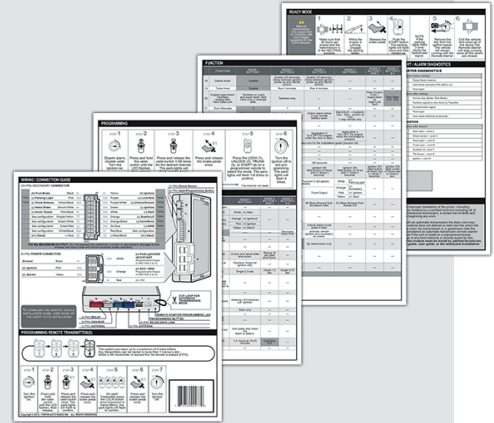


REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.





REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



THAR-FOR4 THARNESSE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)												
		Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	RAP Disable	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status
														
FORD														
Transit 80-Bits	2015-2019	•	•	•	•	•	•	•	•	•	•	•	•	•





BYPASS FIRMWARE VERSION

71.[52]

FORD MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

	Program bypass option IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	UNIT OPTION OPTION UNITE		DESCRIPTION
		A11	OFF NON	Hood trigger (Output Status).
				Contact de capot (état de sortie).

	FUNCTION	MODE	DESCRIPTION
	31	4	(+) Parking Light (E1) (+) Accessory (E2)
Program remote starter option:			


Parts required (Not included)

- 1x 10Amp Fuse
- 4x 3Amp Diode
- 1x THAR-FOR4

NOTES

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

MANDATORY INSTALL

*** HOOD PIN**


HOOD STATUS : THE HOOD PIN SWITCH (INCLUDED) MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11
OFF
SECURITY STICKER


Included

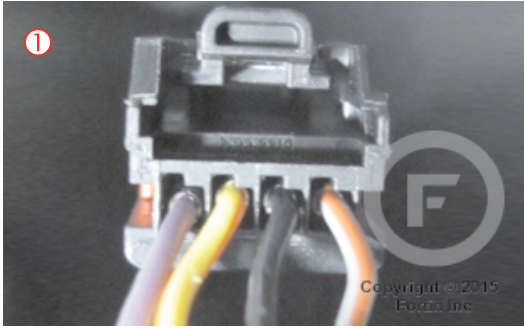
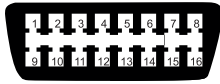
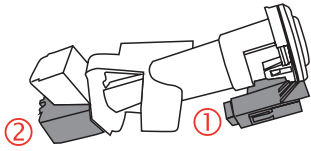
Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

① ② Ignition barrel

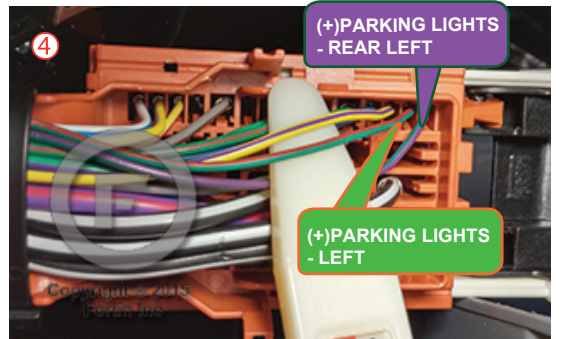
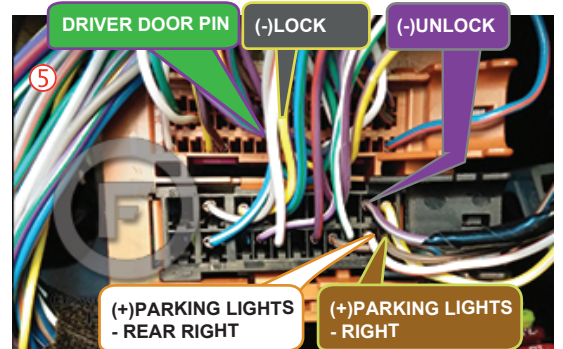
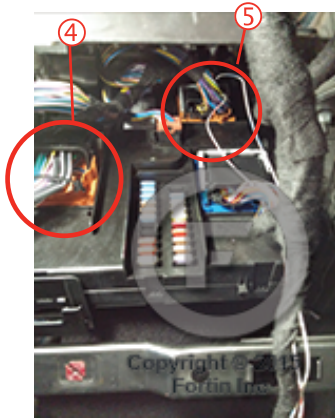
③ OBD-II connector



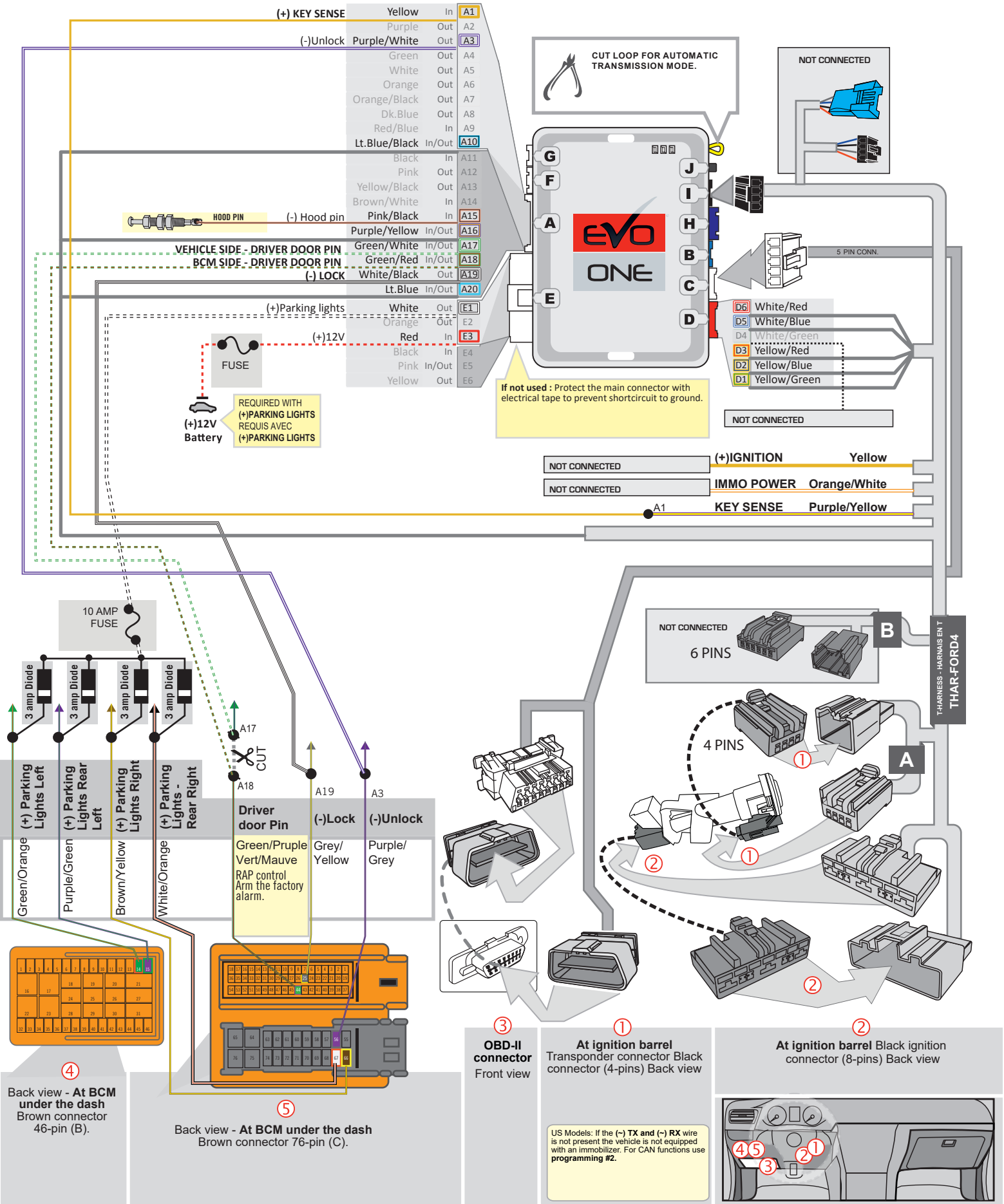
RX and TX of the module



BCM Under the dash



WIRING CONNECTION

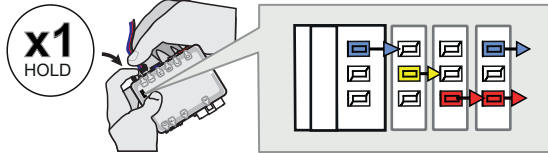


KEY BYPASS PROGRAMMING PROCEDURE



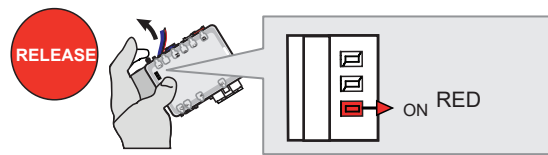
2 key required for programming

1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).
 ↳ The LED will alternate between BLUE, YELLOW, RED, BLUE, YELLOW and RED flashes.

2

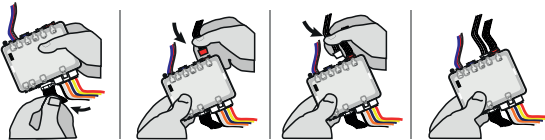


Release the programming button when the LED is RED.

If the LED is not solid RED disconnect the 6 Pin connector (Main-Harness) and go back to step 1.

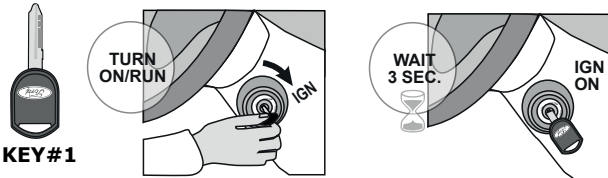


3



Insert the required remaining connectors.

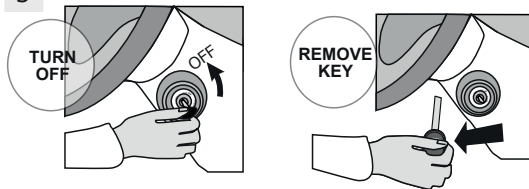
4



Turn the first functional key to the ON/RUN position.

Wait 3 seconds.

5



Turn the ignition to the OFF position

and **remove** the first key.

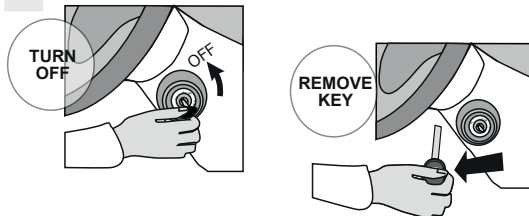
6



Turn the second functional key to the ON/RUN position.

Wait 3 seconds.

7



Turn the ignition to the OFF position

and **remove** the second key.



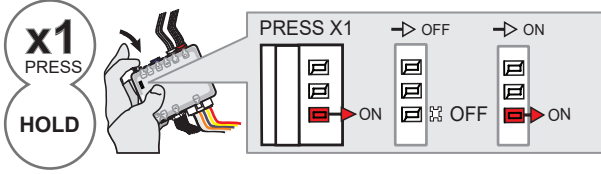
KEY BYPASS PROGRAMMING PROCEDURE 2/2

8



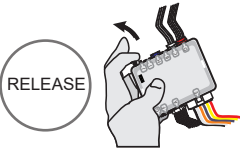
CAUTION The following step must be completed within 5 seconds. Otherwise disconnect all connectors and go back to step 1.

5 sec. max



Press and hold the programming button until the LED flashes once.

↳ The RED LED will flash once (1x).

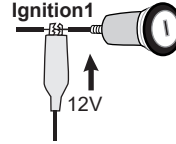


Release the programming button.

OR

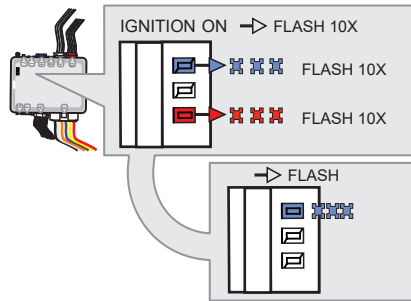


Activate the remote starter.



Using a jumper wire, apply **power (12v)** to the vehicle's ignition1.

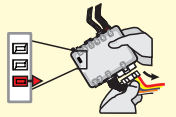
9



↳ The RED AND BLUE LEDs will flash rapidly ten (10) times. Key bypass programmed.

↳ The BLUE LED will flash rapidly. CAN-Bus programmed.

If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

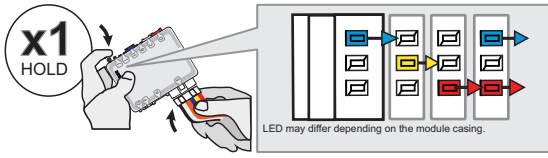


The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

PROGRAM.: 2 VEHICLE WITHOUT IMMOBILIZER WIRE |

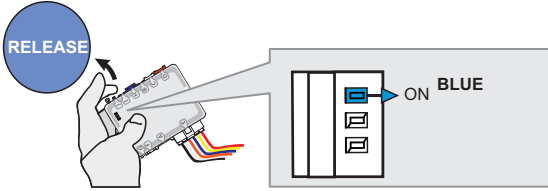
1



Press and hold the programming button:
Insert the 6-Pin Main connector.

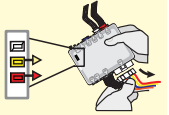
↳ The LEDs will alternate between **BLUE, RED, YELLOW & BLUE/RED** flashes.

2

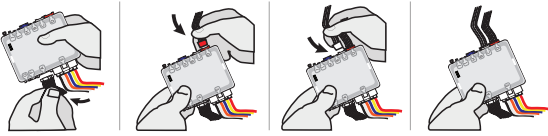


Release the programming button when the **BLUE LED** is ON.

If the **BLUE LED** is not ON solid **disconnect** the 6-Pin Main connector and **go back** to step 1.

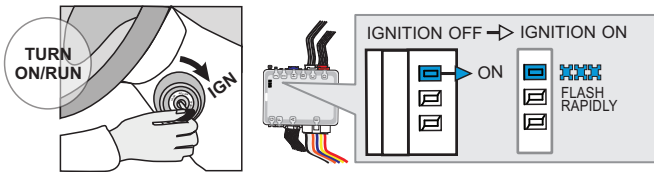


3



Insert the required remaining connectors.

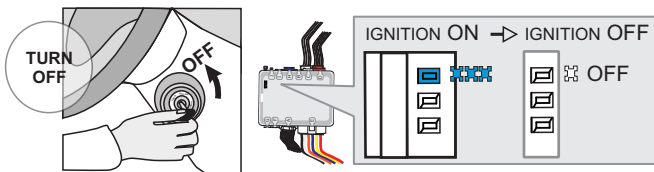
4



Turn the Ignition to the ON/RUN position.

↳ The **BLUE LED** will flash rapidly.

5



Turn the Ignition to the OFF position.

↳ The **BLUE LED** will turn off.



The module is now programmed.



REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.

