2 KEY PROGRAMMING - REGULAR & THAR-MAZ1 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	Parking Lights	Tachometer	Door Status	Hood Status protection remote start	Trunk Status	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
MAZDA															
CX5 *Push-to-Start*	2021	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

85.[09]

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

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

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**

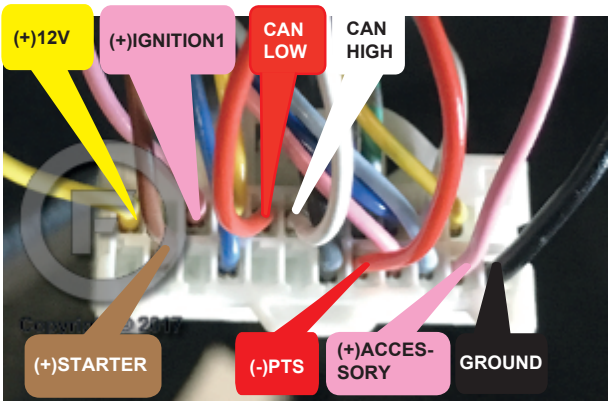
Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

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

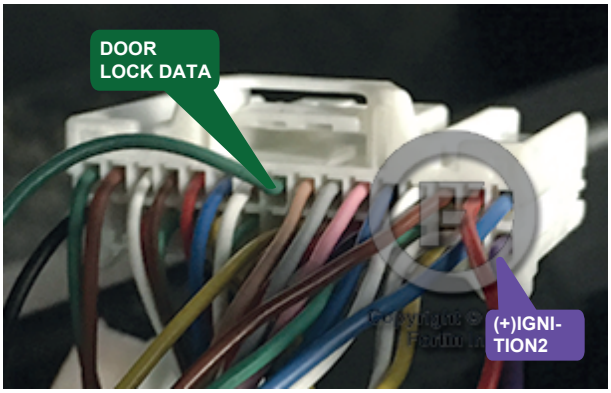
DESCRIPTION

		Parts required (Not included)		PAGE
WIRE TO WIRE DIAGRAM				
WARNING				**Page 3**
	AUTOMATIC TRANSMISSION	1x 10 AMP Fuse 1x 1 Amp Diode	1x Fusible 10 AMP 1x Diode 1 Amp	Page 4
END OF WARNING				**Page 8**
THARNESS DIAGRAM				
WARNING				**Page 5-6**
THARNESS THAR-MAZ1	AUTOMATIC TRANSMISSION	1x THAR-MAZ1	1x THAR-MAZ1	Page 7
END OF WARNING				**Page 8**

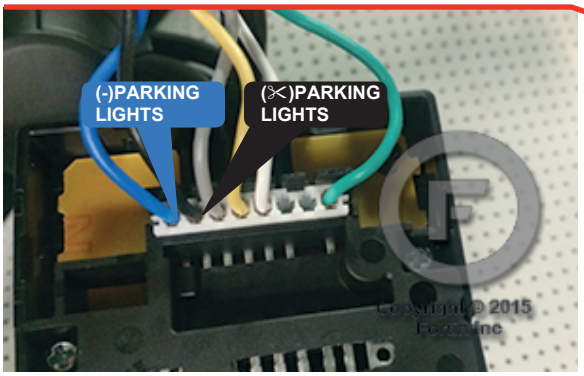
① Under steering column, START-STOP unit.

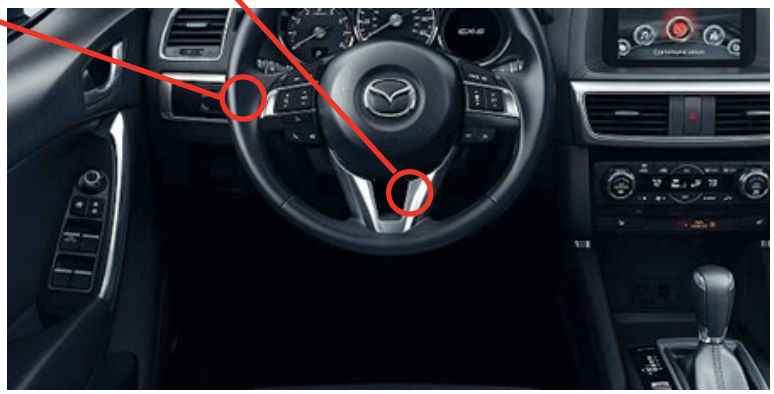


② Under steering column, START-STOP unit.



③ At parking lights switch

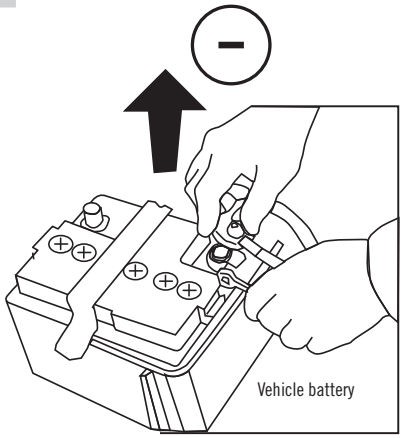




ATTENTION

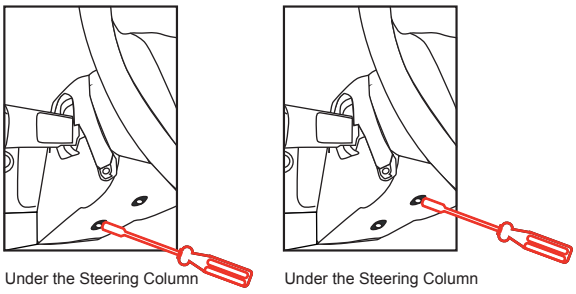
Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect the negative terminal from the vehicle's battery.

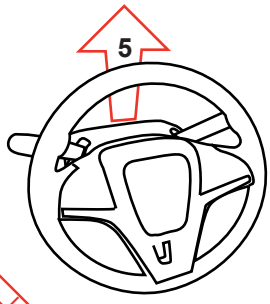
1



Disconnect the (-) terminal of the battery.

2





1 Unscrew.

2 Unscrew

3 Onclip

4 Onclip

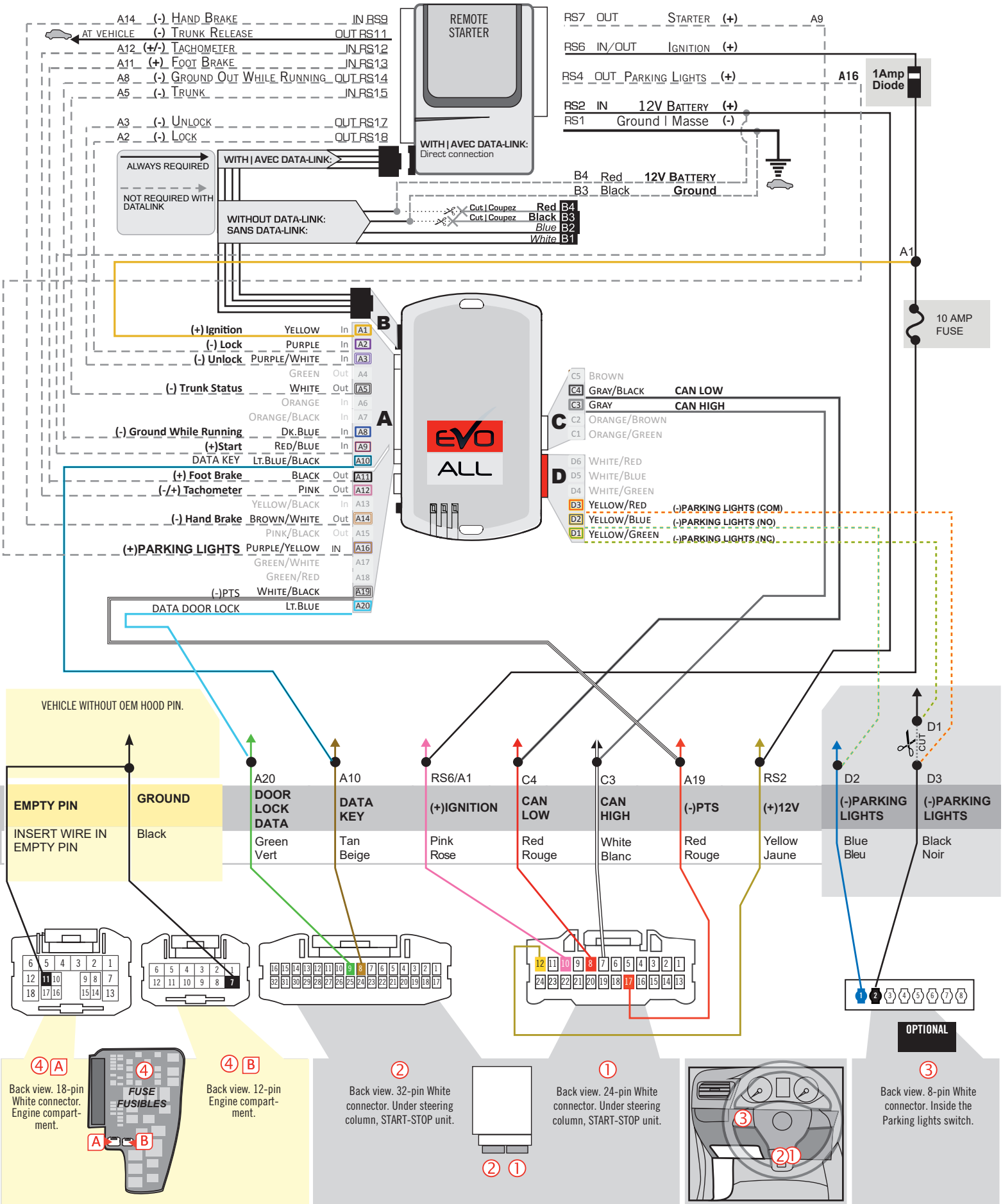
5 Gently pull up the cover of the steering column.

3

Make the following connections.

CONTINUED NEXT PAGE

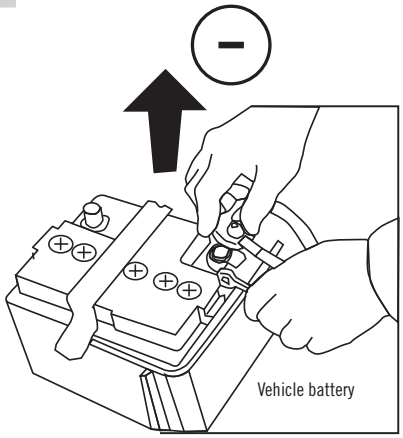
AUTOMATIC TRANSMISSION WIRING CONNECTION



ATTENTION

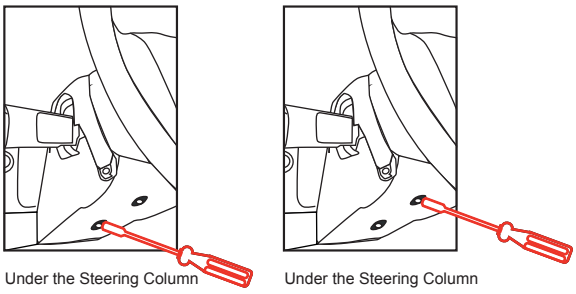
Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect the negative terminal from the vehicle's battery.

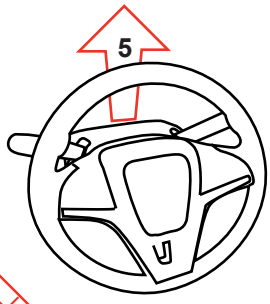
1



Disconnect the (-) terminal of the battery.

2





1 Unscrew.

2 Unscrew

3 Onclip

4 Onclip

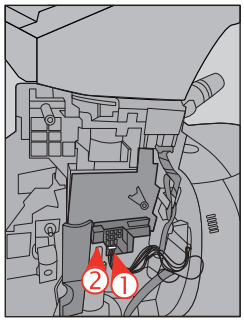
5 Gently pull up the cover of the steering column.

3

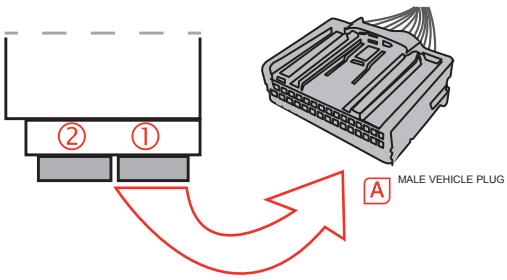
Make the following connections.

CONTINUED NEXT PAGE

4



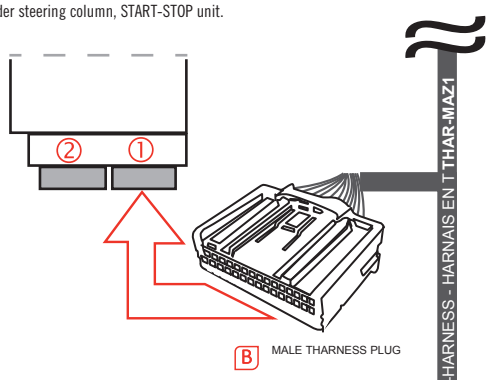
Under steering column, START-STOP unit.



Disconnect the connector
A

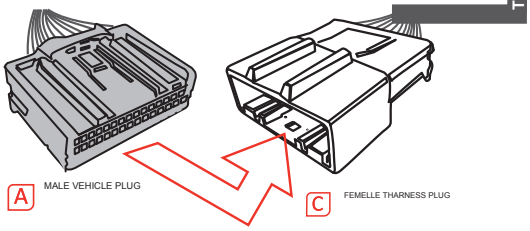
5

Under steering column, START-STOP unit.



Connect the connector
B

6



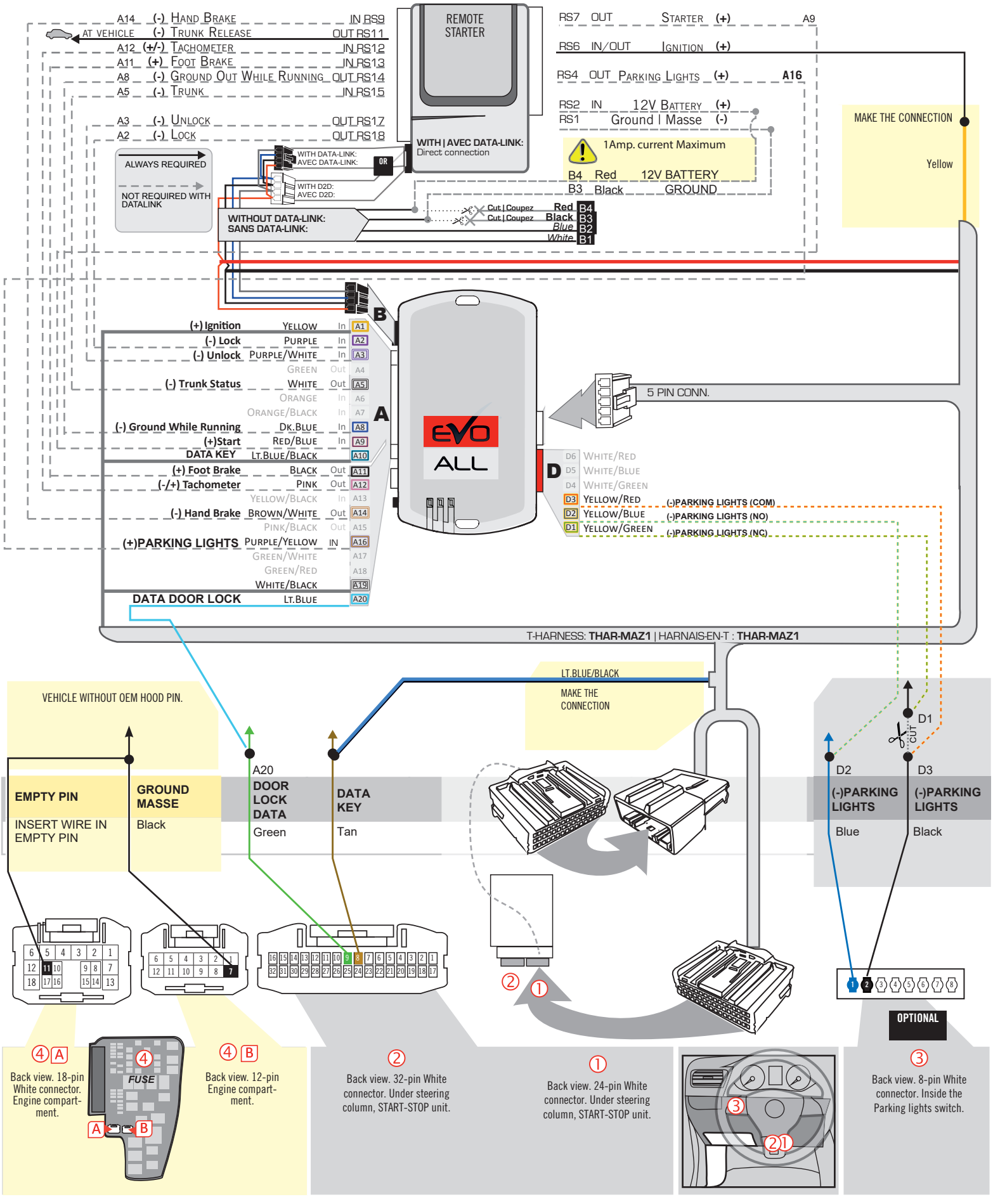
Connect the connector
A
into connector
C

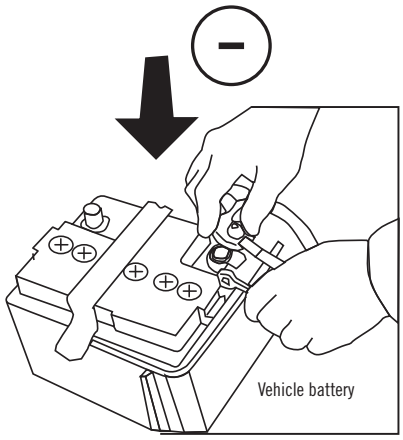
7

Make other required connections.

CONTINUED NEXT PAGE

THAR-MAZ1 | WIRING CONNECTION





Reconnect the (-) terminal of the battery.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 1/6

x3 max.

x3 max.

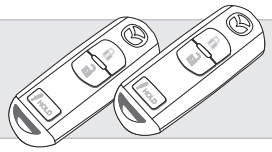
Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

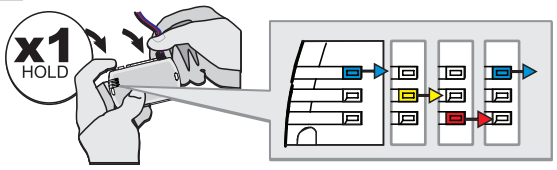
If no connection errors can be found then please contact technical support assistance.

DO NOT REPROGRAM ANOTHER MODULE UNLESS INSTRUCTED TO DO SO BY TECHNICAL SUPPORT.



Make sure to have two valide vehicle key.

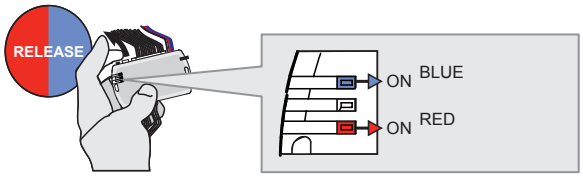
1



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

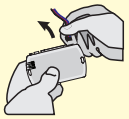
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

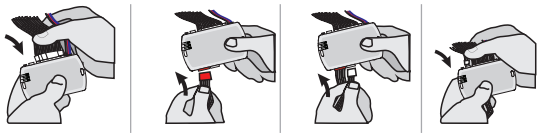


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector) and go back to step1.

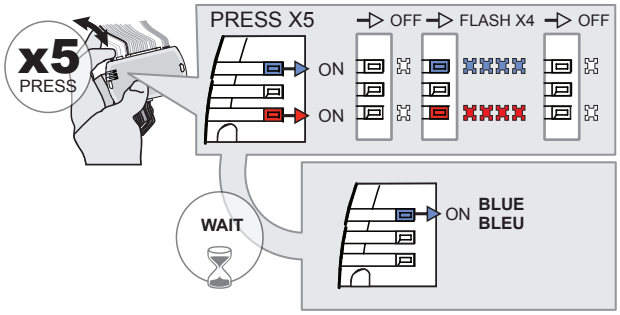


3



Connect the required remaining harnesses.

4



Press and release the programming button five times (5x).

↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

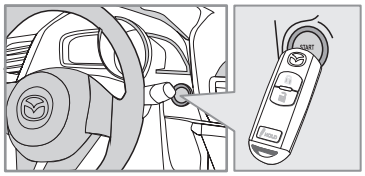
↳ ***Wait** for the Blue LED to turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 2/5

KEY#1

5



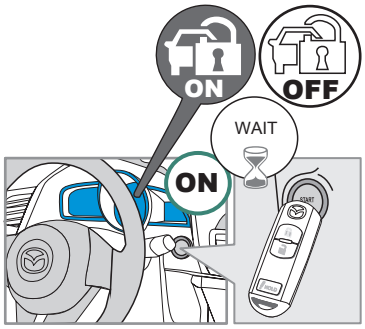
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

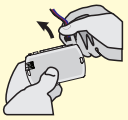
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



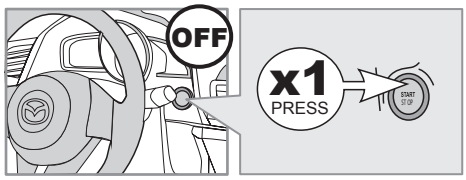
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



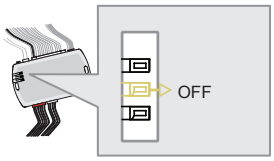
Wait for the security indicator to turn OFF (around 3 seconds).

8

IMMEDIATELY



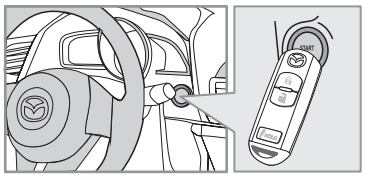
Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Yellow Led will turn OFF.*

KEY#2

9



Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

Press the START/STOP button twice to activate the vehicle's Ignition.

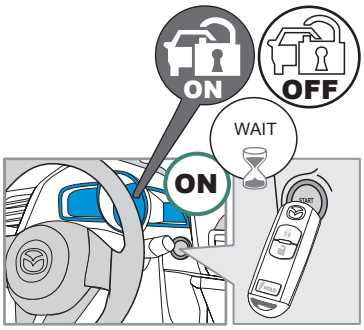
↳ *The Yellow LED will turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 3/6

KEY#2

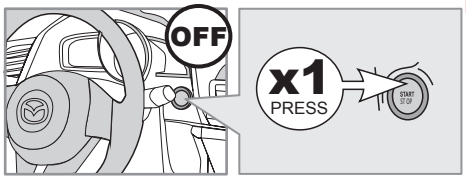
11



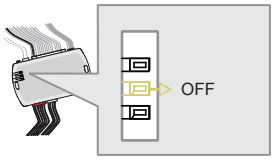
Wait for the security indicator to turn OFF (around 3 seconds).

12

IMMEDIATELY

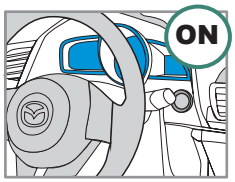


Press the START/STOP button once to deactivate the vehicle's Ignition.

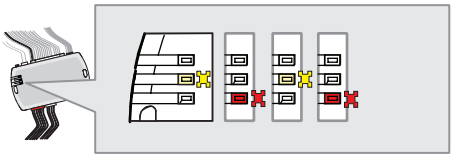


↳ *The Yellow Led will turn OFF.*

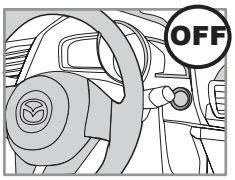
13



The vehicle's ignition will turn ON

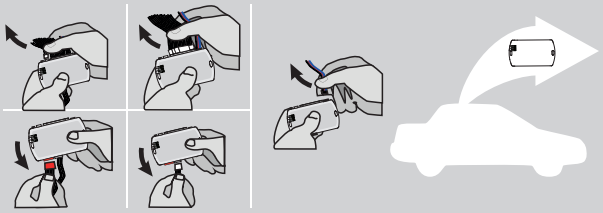


↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

14

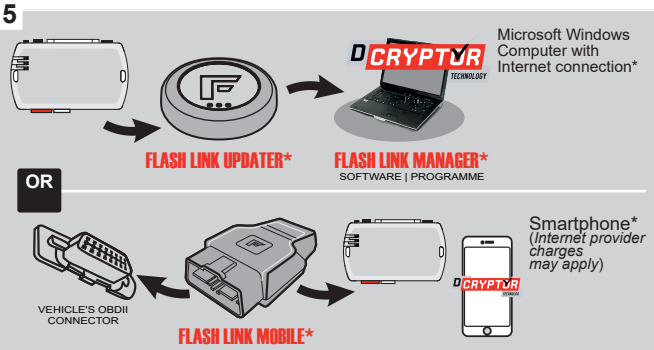


Disconnect all the connectors and after the Data-Link (4-pins) connector.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 4/6

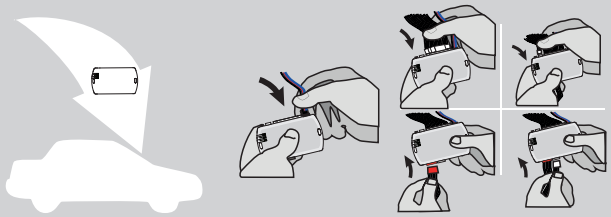
15



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

*Parts required (not included)

16



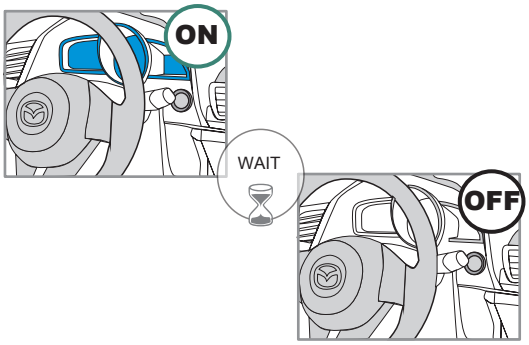
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

1 - 12

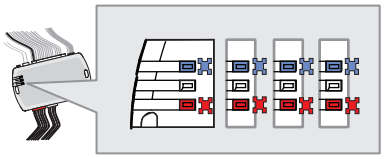
Repeat step 1 to 12.

18



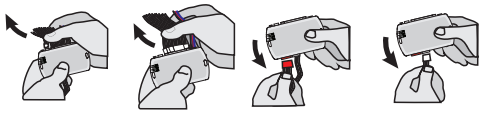
The vehicle's ignition will turn ON

The vehicle's Ignition will turn OFF.



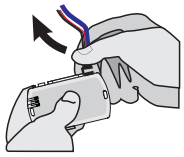
↳ *The Blue and Red LEDs will flash.*

19



Disconnect all Harness

20



Next:

Disconnect the 4-PIN Data-link harness (Black connector).

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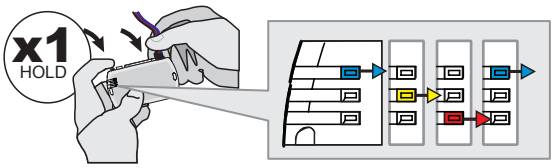
KEY BYPASS PROGRAMMING PROCEDURE 5/6

CAN PROGRAMMING PROCEDURE

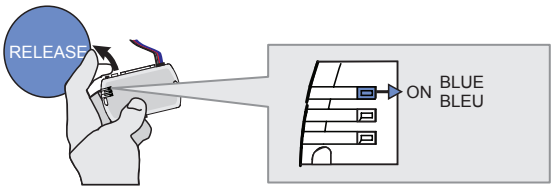
21



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

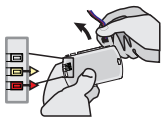
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

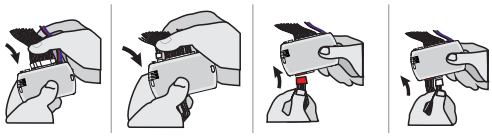


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

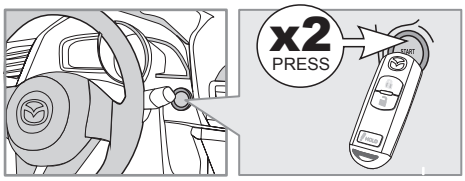


23

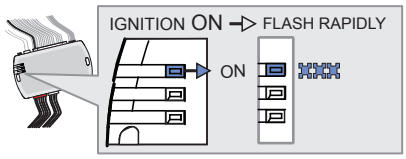


Connect the required remaining harnesses.

24

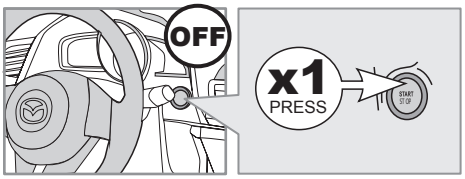


Press the START/STOP button twice to turn ON the vehicle's Ignition.

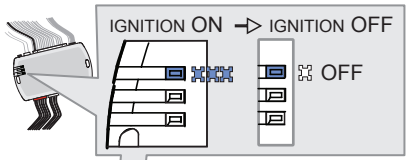


↳ *The Blue LED will flash rapidly.*

25



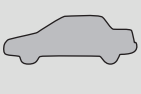
Press the START/STOP button once to turn OFF the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

The module is now programmed.

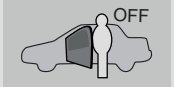
REMOTE STARTER FUNCTIONALITY |



All doors must be closed.

Remote start the vehicle.

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



The module will shut down the vehicle as soon as the drivers door is opened.

Enter the vehicle with the Smart-Key.

Press the brake pedal or the clutch for the manual transmission.

Press the Push-to-Start button to start the vehicle.

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

2 KEY PROGRAMMING - STANDALONE & THAR-MAZ1 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	Tachometer	Door Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
MAZDA													
CX5 *Push-to-Start*	2021	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

85.[09]

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

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

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

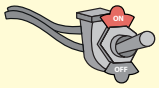
OR

1x **FLASH LINK MOBILE**
1x **FLASH LINK MOBILE APP**
1x 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
OEM Remote Stand Alone Remote Starter:

UNIT OPTION	DESCRIPTION
OR **D1.10** LOCK LOCK LOCK	**By default**, LOCK, LOCK, LOCK **Par défaut,** VERROUILLE,VERROUILLE,VERROUILLE
D1.1 LOCK UNLOCK LOCK	

Program bypass option with oem remote:

UNIT OPTION	DESCRIPTION
C1	OEM Remote Monitoring

Program bypass option with RF KIT antenna:

UNIT OPTION	DESCRIPTION
H1 to H6	Supported RF Kits and **select RF Kit**

REMOTE STARTER FUNCTIONALITY

All doors must be closed.

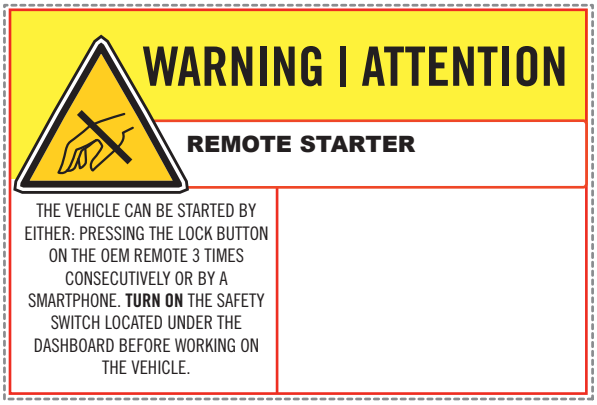
Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.

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
PARKING LIGHTS	
x4 flash:	FOB in car
x5 flash:	Hood open
x6 flash:	Brake ON
x7 flash:	Door open
x8 flash:	Bad Encryption/ key code

REMOTE STARTER WARNING CARD

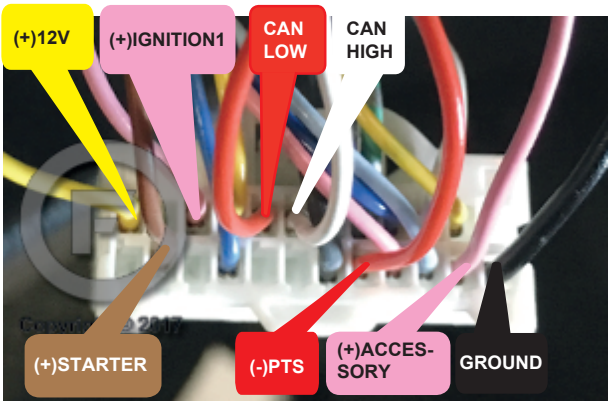
CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
or use the package **RSPB**, Sold separately.



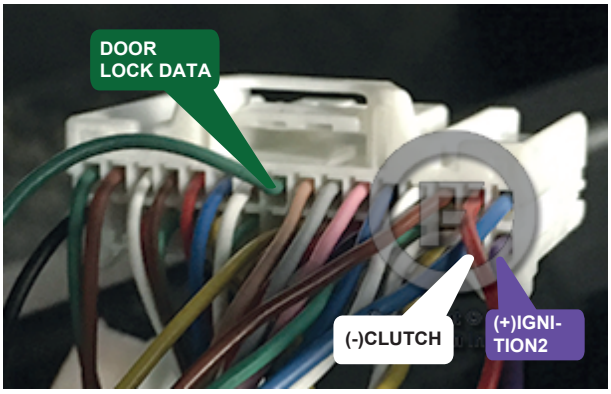
DESCRIPTION

		Parts required (Not included)	PAGE
WIRE TO WIRE DIAGRAM			
WARNING			**Page4**
	AUTOMATIC TRANSMISSION TRANSMISSION AUTOMATIQUE	1x 10 AMP Fuse 1x 1 Amp Diode	Page 5
END OF WARNING			**Page 9**
THARNESS DIAGRAM			
WARNING			**Page 6-7**
THARNESS THAR-MAZ1	AUTOMATIC TRANSMISSION TRANSMISSION AUTOMATIQUE	1x THAR-MAZ1	Page 8
END OF WARNING			**Page 9**

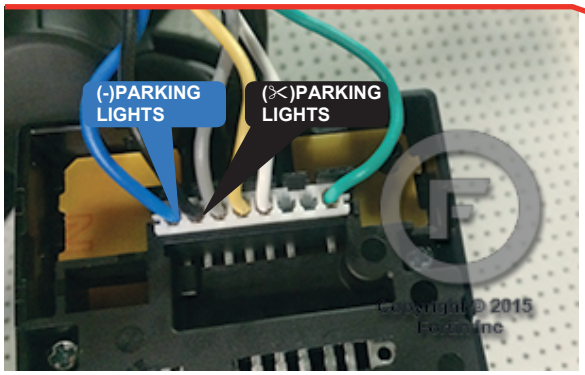
① Under steering column, START-STOP unit.



② Under steering column, START-STOP unit.



③ At parking lights switch

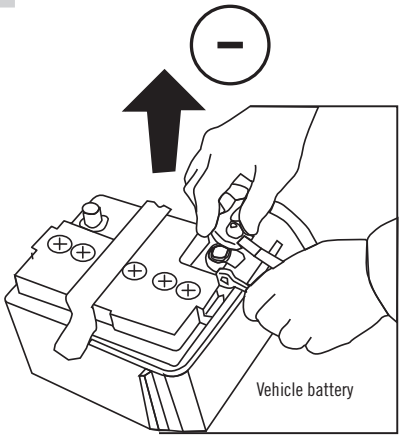


ATTENTION

Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect the negative terminal from the vehicle's battery.

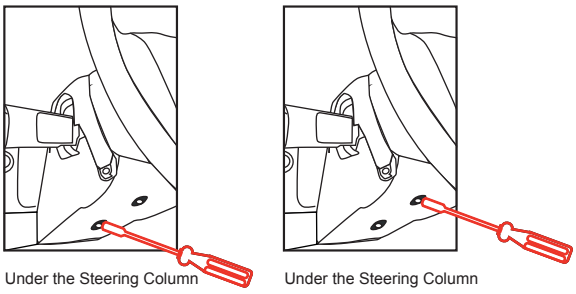
In these vehicles, the factory keyless entry module is sensitive to interference and may cease to operate if some precautions are not taken. Disconnect the (-) terminal of the battery prior to disconnecting the connectors at the smartkey module below the steering wheel to avoid damage to the smartkey entry module.

1



Disconnect the (-) terminal of the battery.

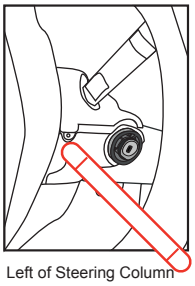
2


Under the Steering Column

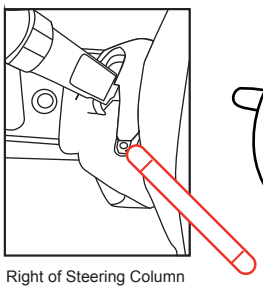
1 Unscrew.

Under the Steering Column

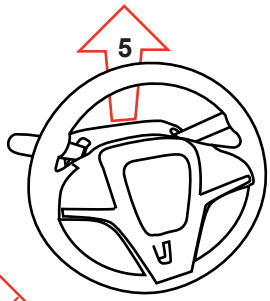
2 Unscrew


Left of Steering Column

3 Onclip


Right of Steering Column

4 Onclip



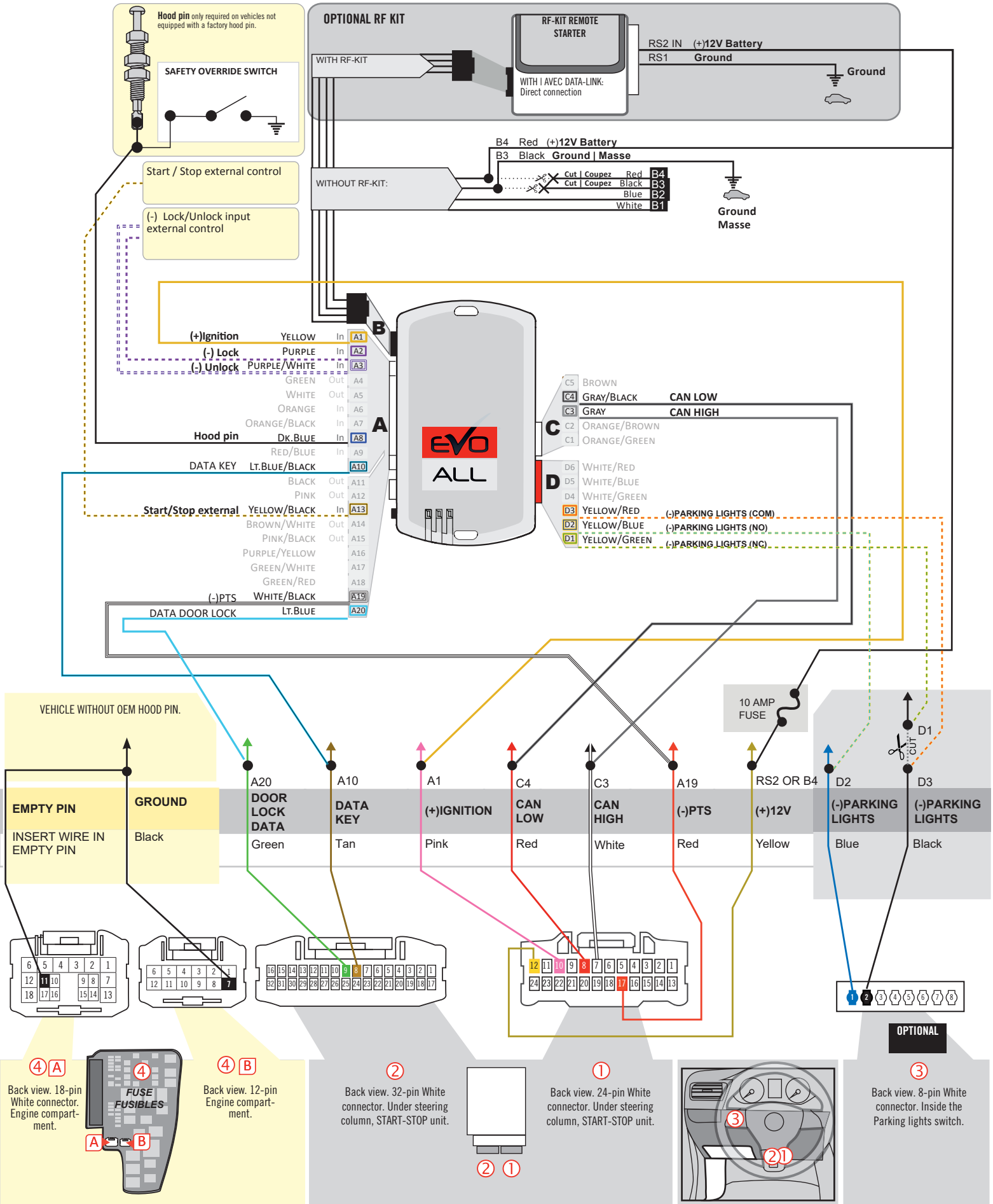
5 Gently pull up the cover of the steering column.

3

Make the following connections.

CONTINUED NEXT PAGE

AUTOMATIC TRANSMISSION WIRING CONNECTION

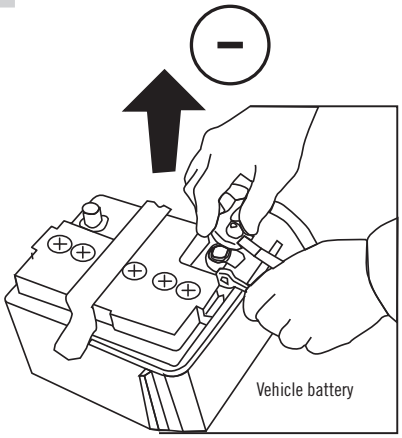


ATTENTION

Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect the negative terminal from the vehicle's battery.

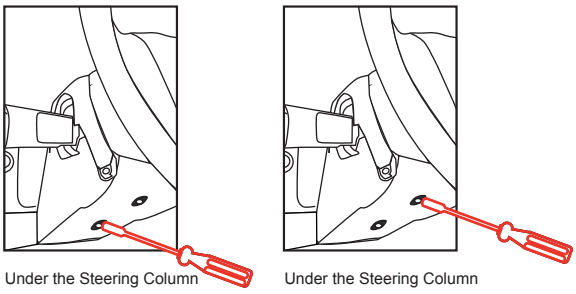
In these vehicles, the factory keyless entry module is sensitive to interference and may cease to operate if some precautions are not taken. Disconnect the (-) terminal of the battery prior to disconnecting the connectors at the smartkey module below the steering wheel to avoid damage to the smartkey entry module.

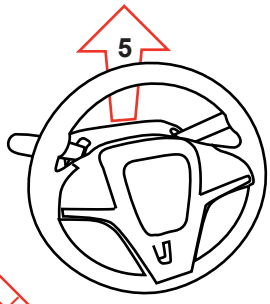
1



Disconnect the (-) terminal of the battery.

2





1 Unscrew.

2 Unscrew

3 Onclip

4 Onclip

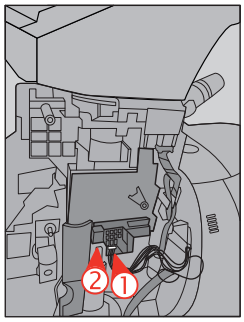
5 Gently pull up the cover of the steering column.

3

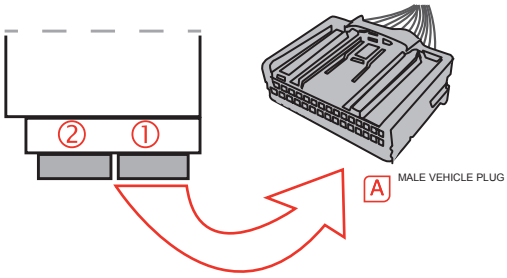
Make the following connections.

CONTINUED NEXT PAGE

4



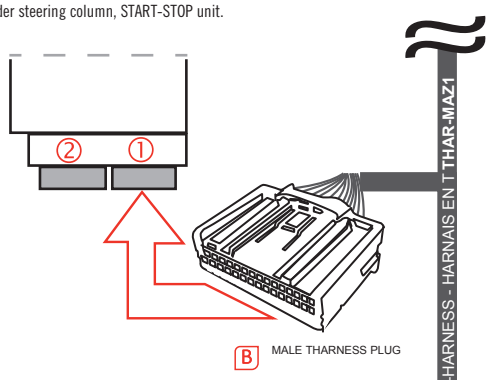
Under steering column, START-STOP unit.



Disconnect the connector
A

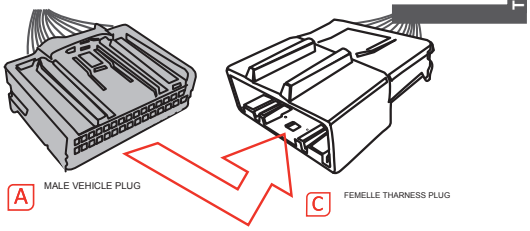
5

Under steering column, START-STOP unit.



Connect the connector
B

6



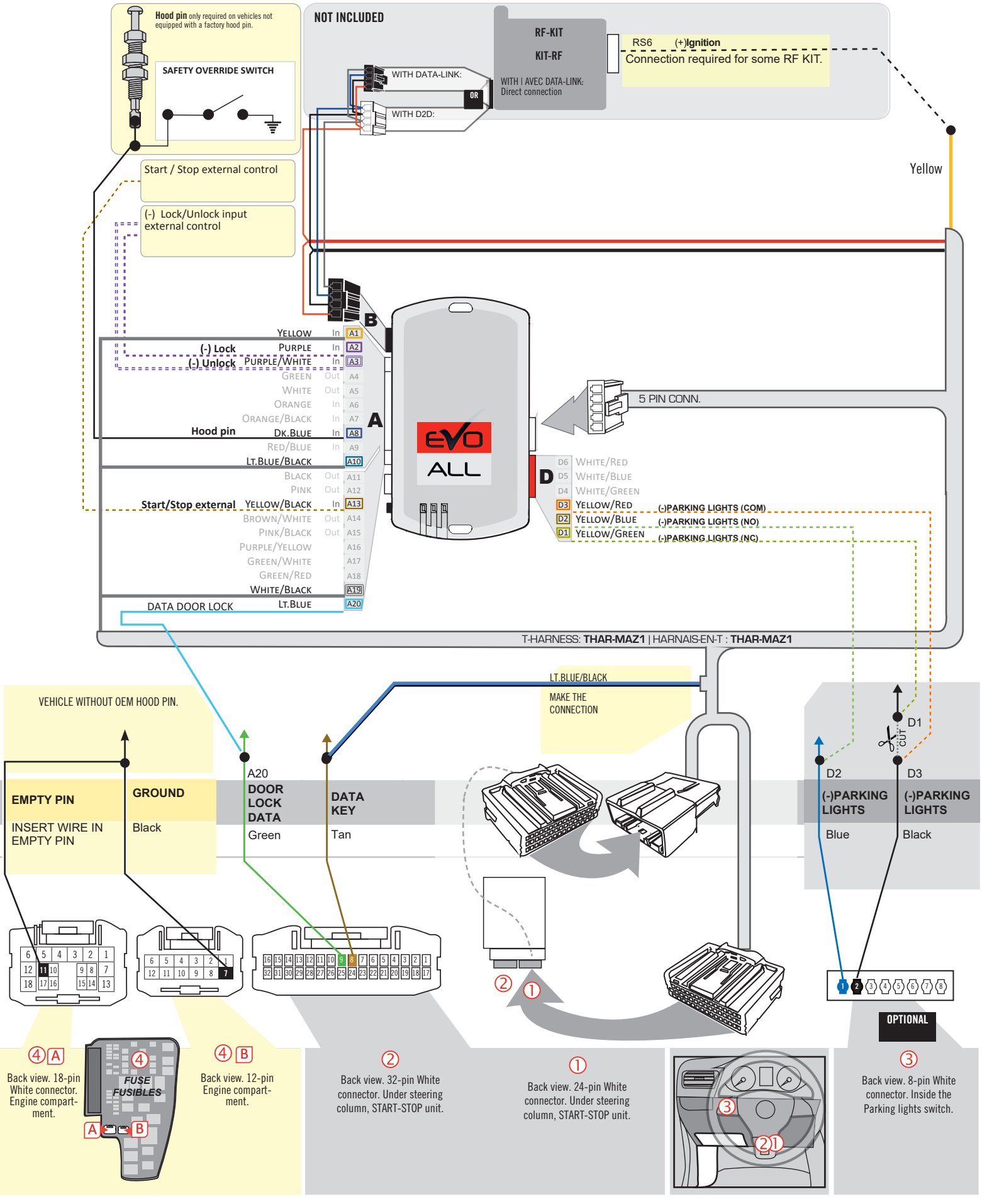
Connect the connector
A
into connector
C

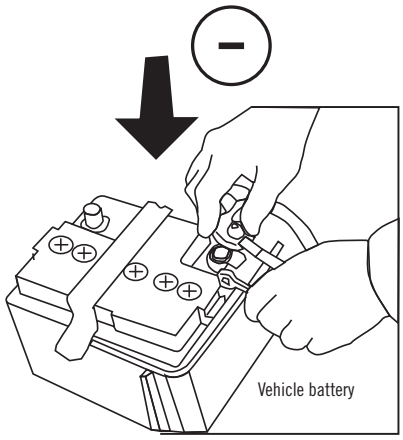
7

Make other required connections.

CONTINUED NEXT PAGE

THAR-MAZ1 | WIRING CONNECTION





Reconnect the (-) terminal of the battery.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 1/6

x3 max.

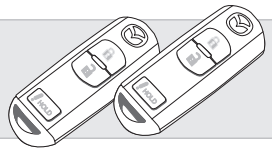
Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

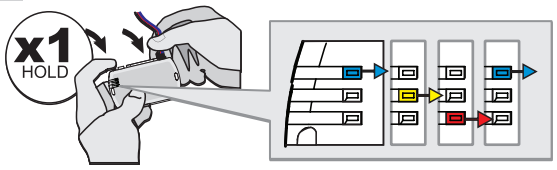
If no connection errors can be found then please contact technical support assistance.

DO NOT REPROGRAM ANOTHER MODULE UNLESS INSTRUCTED TO DO SO BY TECHNICAL SUPPORT.



Make sure to have two valide vehicle key.

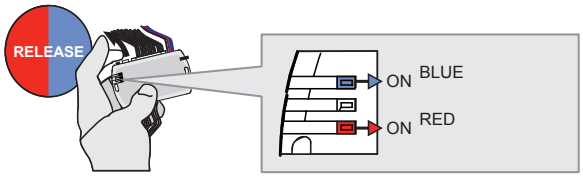
1



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

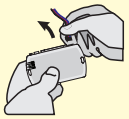
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

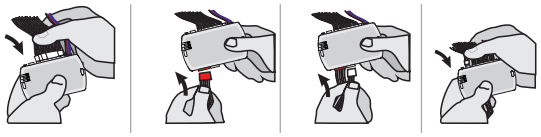


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector) and go back to step1.

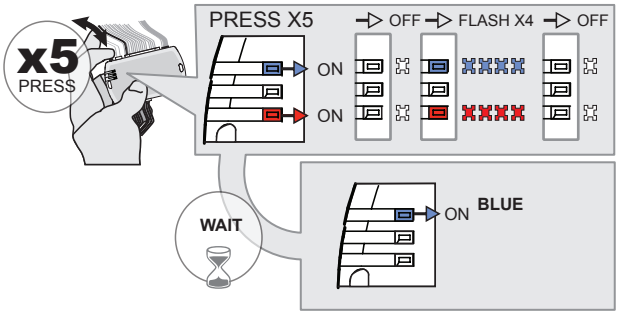


3



Connect the required remaining harnesses.

4



Press and release the programming button five times (5x).

↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

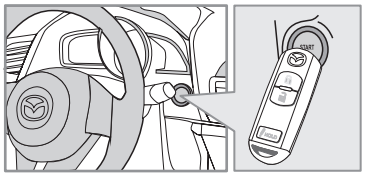
↳ ***Wait** for the Blue LED to turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 2/5

KEY#1

5



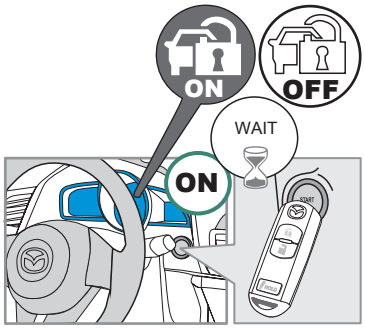
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

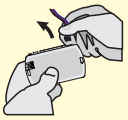
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



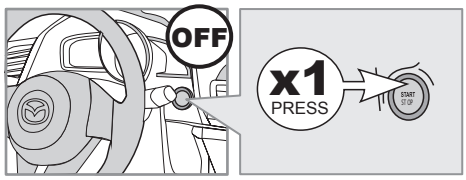
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



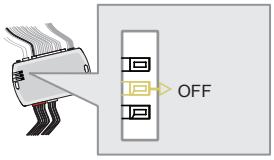
Wait for the security indicator to turn OFF (around 3 seconds).

8

IMMEDIATELY



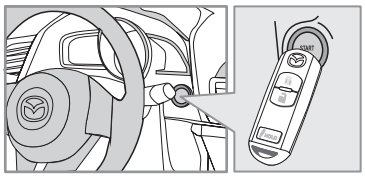
Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Yellow Led will turn OFF.*

KEY#2

9



Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

Press the START/STOP button twice to activate the vehicle's Ignition.

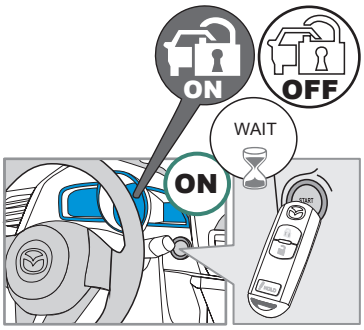
↳ *The Yellow LED will turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 3/6

KEY#2

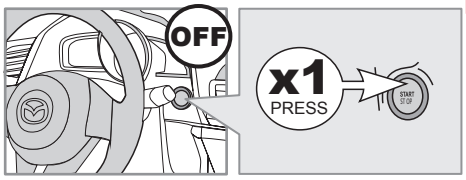
11



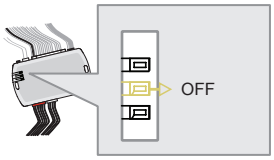
Wait for the security indicator to turn OFF (around 3 seconds).

12

IMMEDIATELY

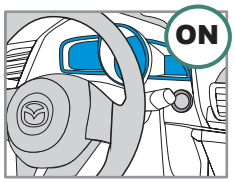


Press the START/STOP button once to deactivate the vehicle's Ignition.

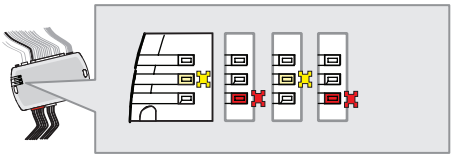


↳ *The Yellow Led will turn OFF.*

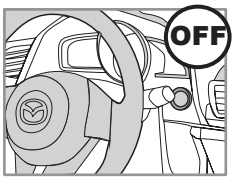
13



The vehicle's ignition will turn ON

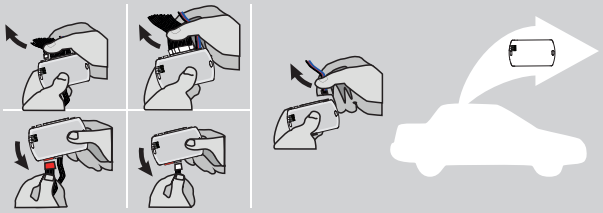


↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

14

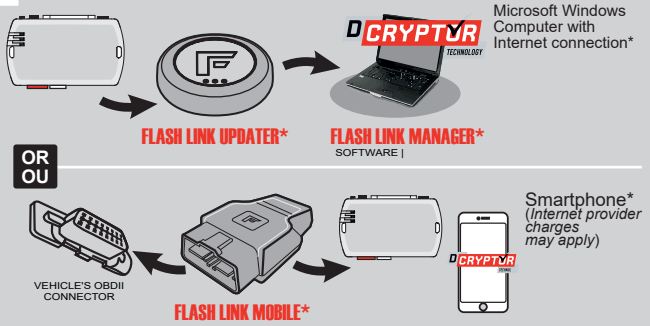


Disconnect all the connectors and after the Data-Link (4-pins) connector.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 4/6

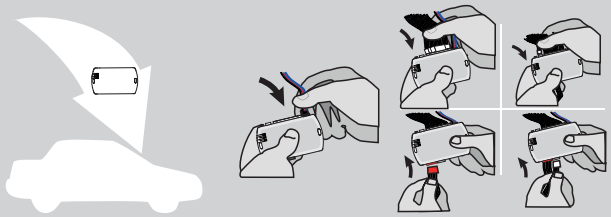
15



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

*Parts required (not included)

16



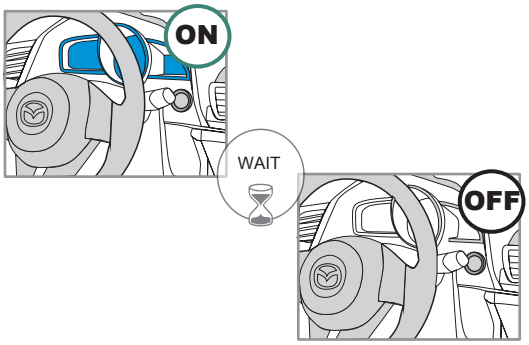
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

1 - 12

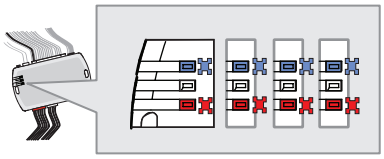
Repeat step 1 to 12.

18



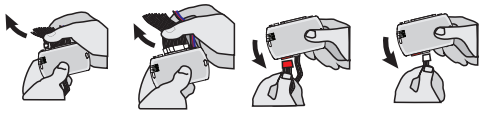
The vehicle's ignition will turn ON

The vehicle's Ignition will turn OFF.



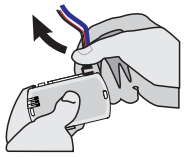
↳ *The Blue and Red LEDs will flash.*

19



Disconnect all Harness

20



Next:

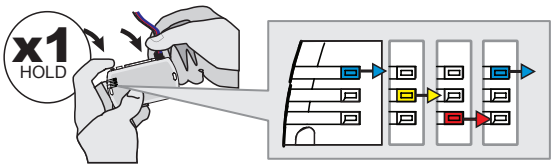
Disconnect the 4-PIN Data-link harness (Black connector).

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 5/6

CAN PROGRAMMING PROCEDURE

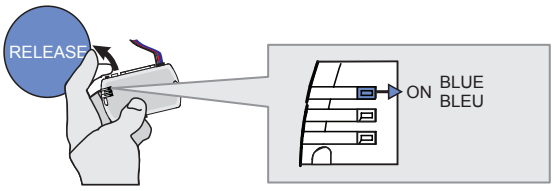
21



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

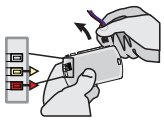
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

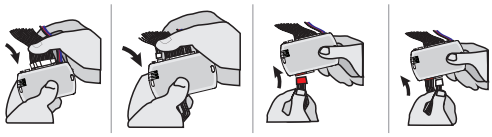


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

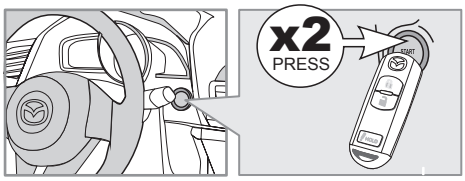


23

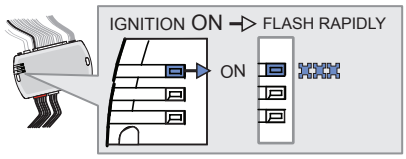


Connect the required remaining harnesses.

24

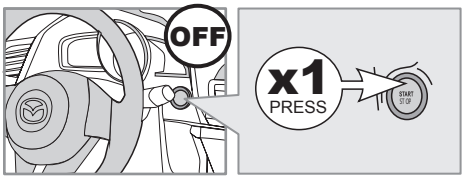


Press the START/STOP button twice to turn ON the vehicle's Ignition.

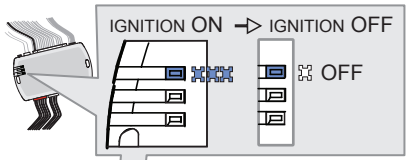


↳ *The Blue LED will flash rapidly.*

25



Press the START/STOP button once to turn OFF the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

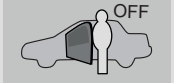
The module is now programmed.

REMOTE STARTER FUNCTIONALITY

All doors must be closed.

Remote start the vehicle.

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



The module will shut down the vehicle as soon as the drivers door is opened.

Enter the vehicle with the Smart-Key.

Press the brake pedal or the clutch for the manual transmission.

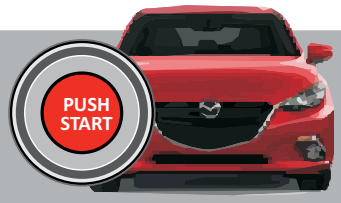
Press the Push-to-Start button to start the vehicle.

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

MAZDA 3 - T-HARNESS MAZDA

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.



VEHICLE		YEARS	Connection #			Vehicle functions supported in this diagram (functional if equipped)												
			REMOTE STARTER - NO DOORLOCK	REMOTE STARTER & DOORLOCK CONTROL	VEHICLE WITHOUT OEM ALARM E	Immobilizer bypass	Lock	Unlock	Arm	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	Alarm mode
MAZDA																	
3	*Push-to-Start - Sedan / Hatchback - AT*	2014-2016	1	2	3	•	•	•	•	•	•	•	•	•	•	•	•

HARDWARE VERSION

MINIMUM **6**

71.[31]

FORD MINIMUM

Parts required (Not included)

1X 10 AMP Fuse
1x Diode 1A
1X 1K Ohm Resistor (with doorlock)

FLASH LINK MANAGER
Software version 3.52 and more

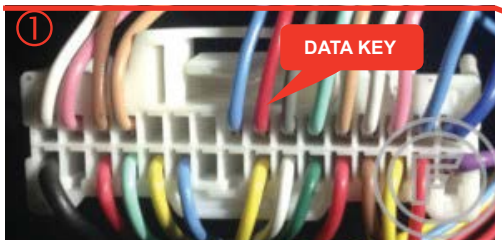
FLASH LINK UPDATER 2

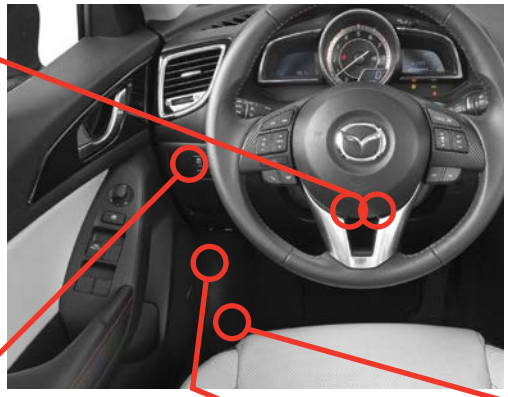
1X Microsoft Windows Computer & Internet connection

DCRYPTOR TECHNOLOGY

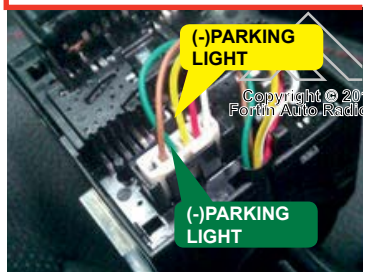
DESCRIPTION

① ② Under steering column, START-STOP unit



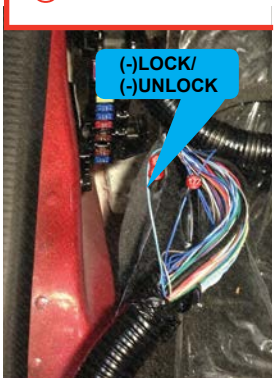


③ Parking Light connector

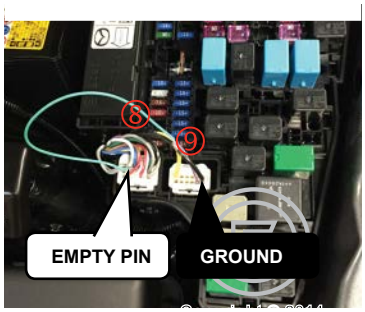


⑤ driver kick panel.

⑥ driver kick panel.



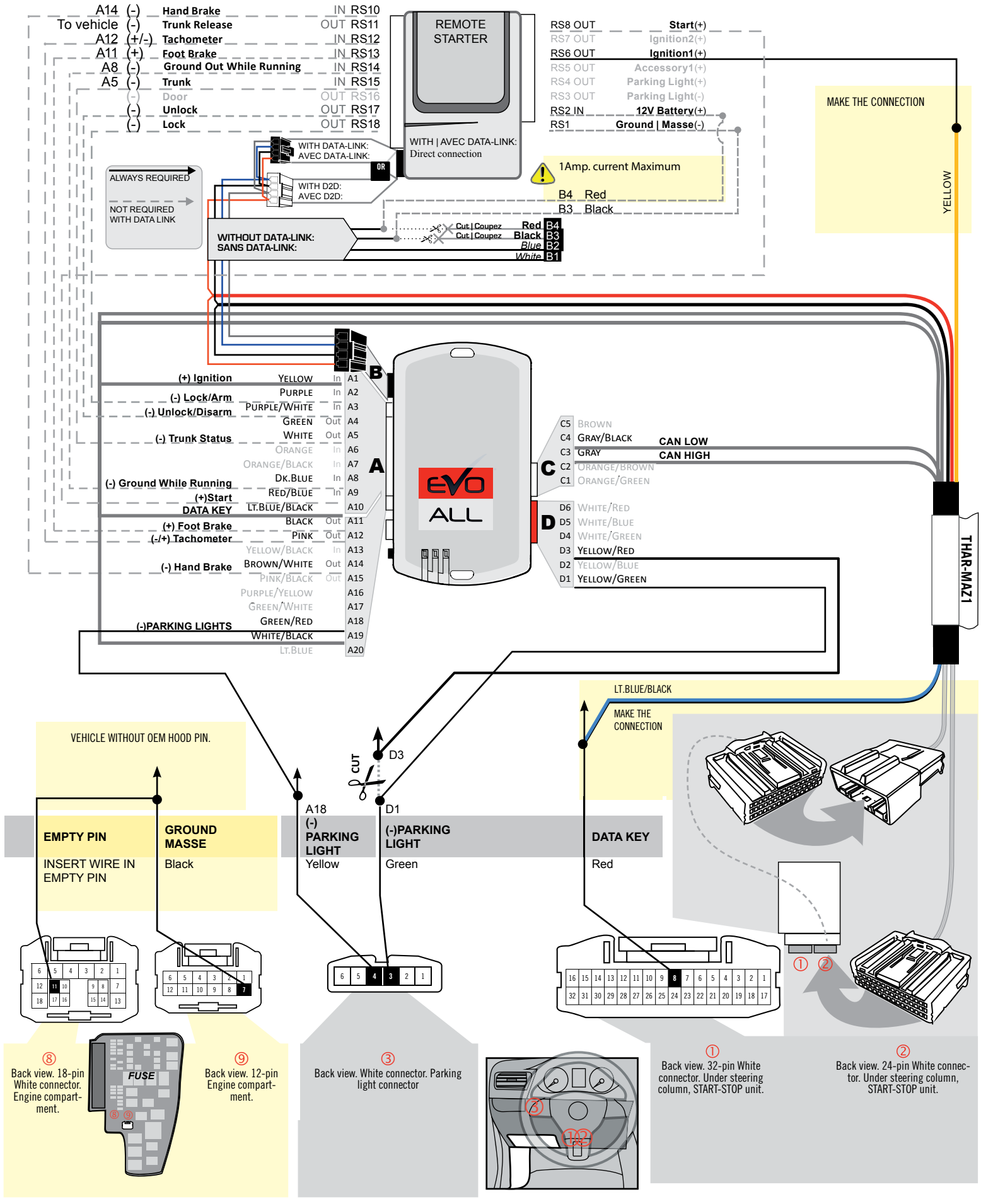
⑧ ⑨ Engine compartment - without OEM hood pin



FORTIN

CONNECTION 1

REMOTE CAR STARTER ONLY - DOORLOCK BY OEM REMOTE



CONNECTION 2

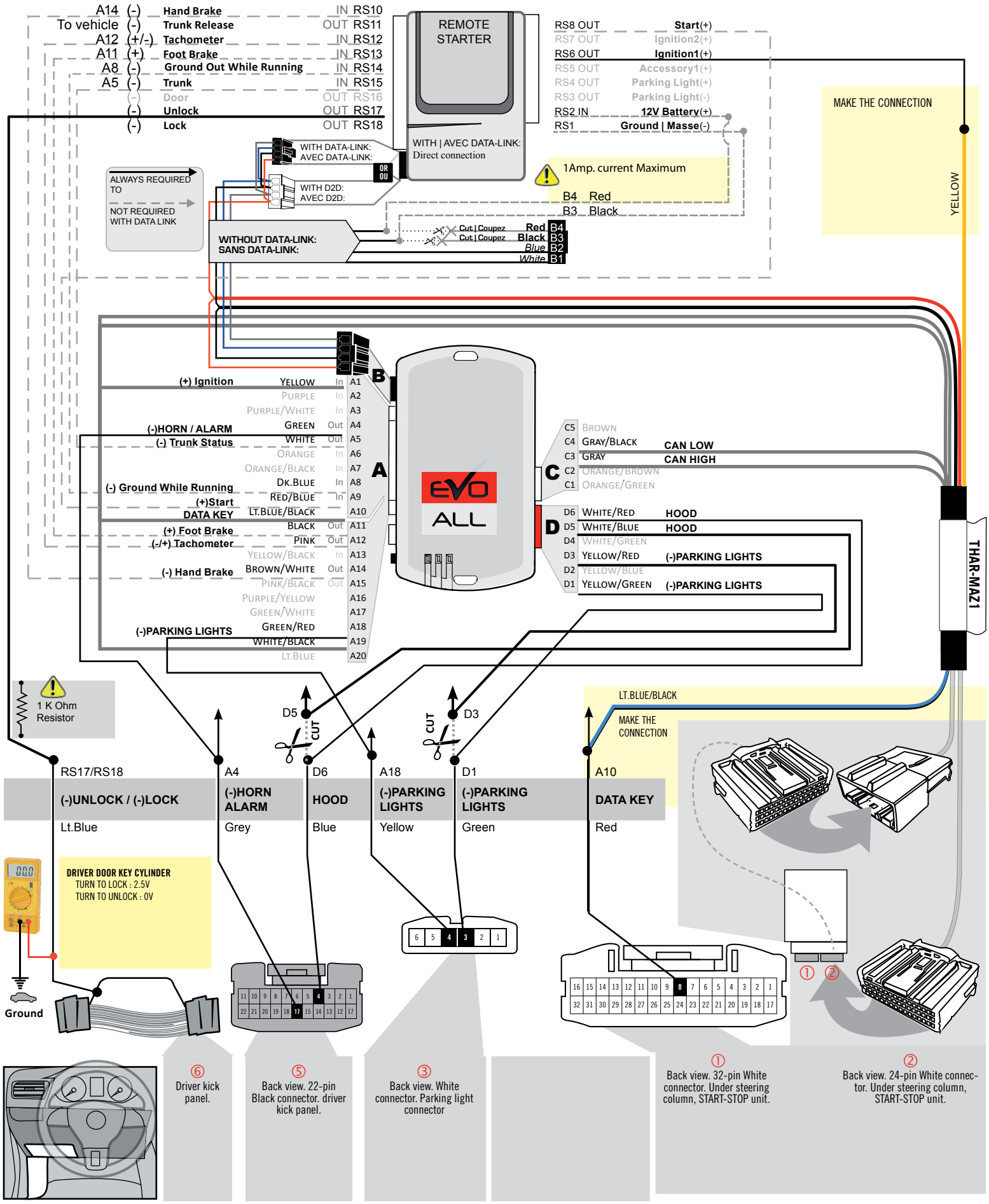
REMOTE CAR STARTER AND DOORLOCK

Program bypass option:	UNIT OPTION	DESCRIPTION
	C1	OEM Remote status (Lock/Unlock) monitoring
	G1	Evo Alarm enable

FORTIN

CONNECTION 2

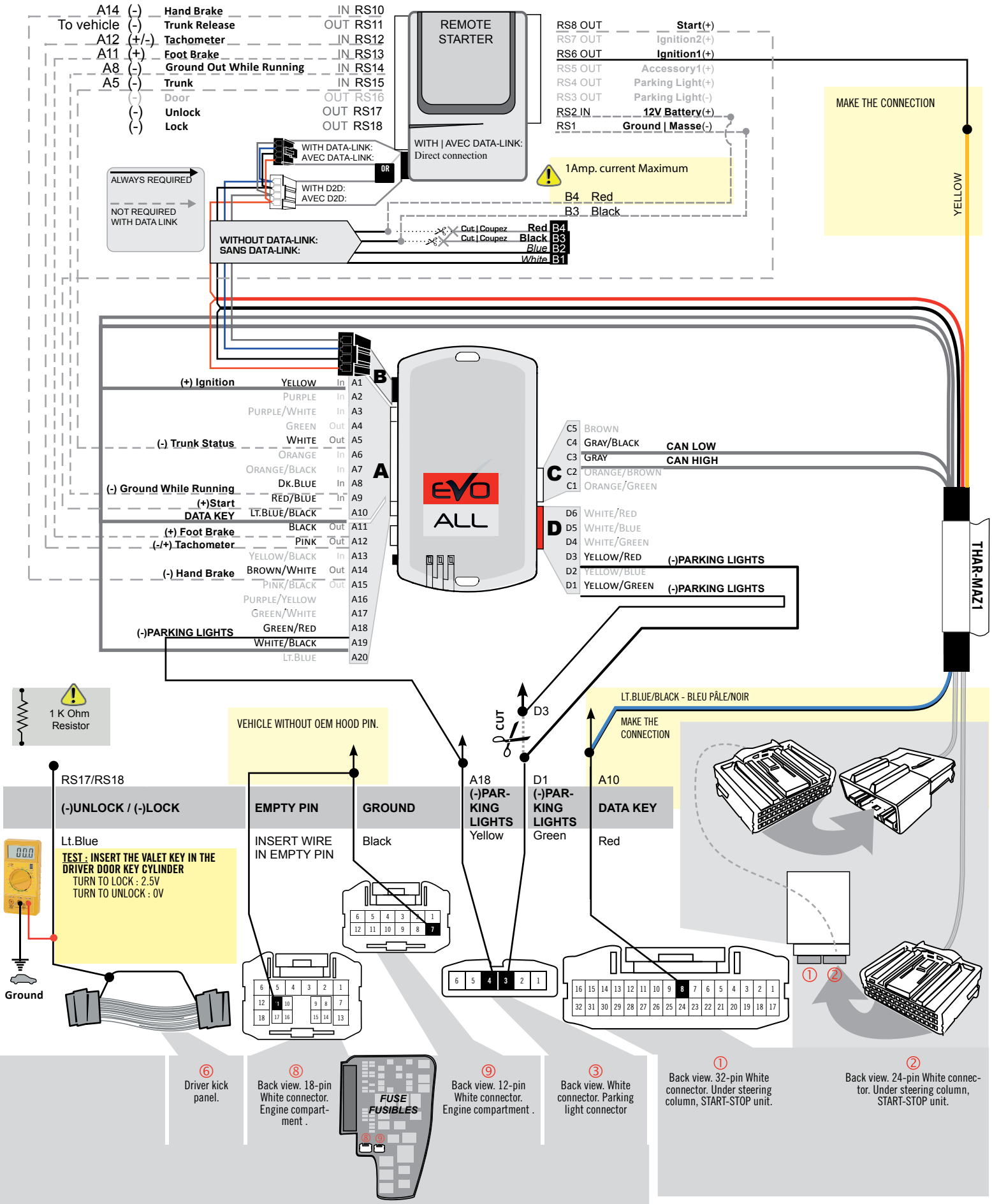
REMOTE CAR STARTER AND DOORLOCK



FORTIN

CONNECTION 3

VEHICLE WITHOUT HOOD PIN AND OEM ALARM



KEY BYPASS PROGRAMMING PROCEDURE 1/5

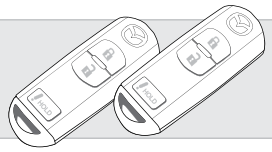
x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

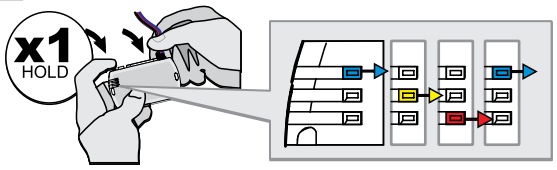
- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



Make sure to have two valide vehicle key.

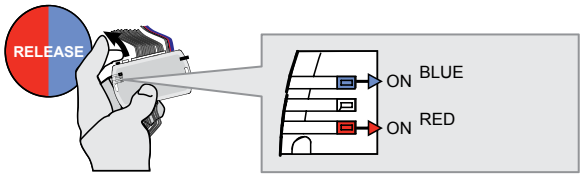
1



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

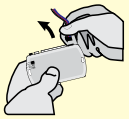
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

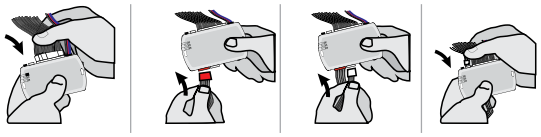


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector) and go back to step1.

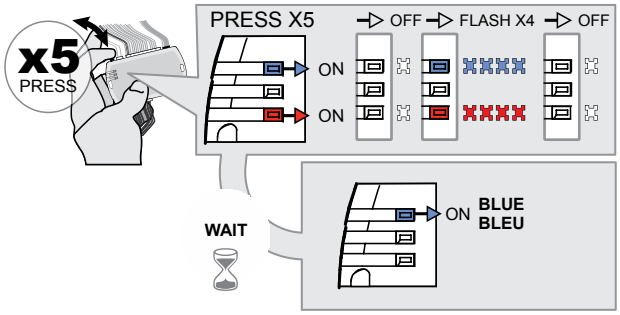


3



Connect the required remaining harnesses.

4



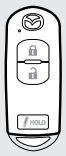
Press and release the programming button five times (5x).

↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

↳ ***Wait** for the Blue LED to turn ON.*

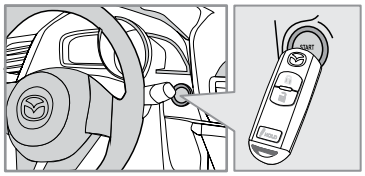
CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 2/5



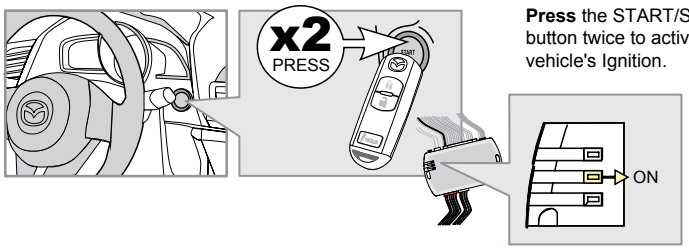
KEY#1

5



Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

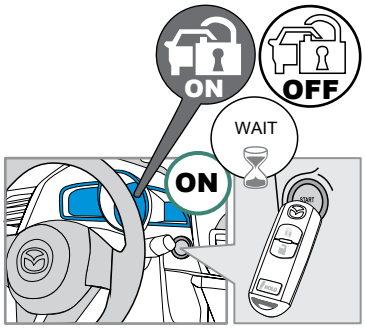
6



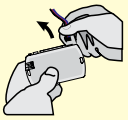
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



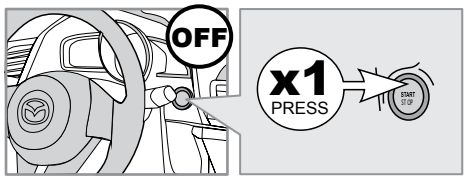
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



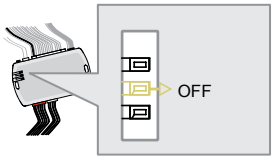
Wait for the security indicator to turn OFF (around 3 seconds).

8

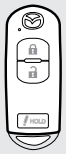
IMMEDIATELY



Press the START/STOP button once to deactivate the vehicle's Ignition.

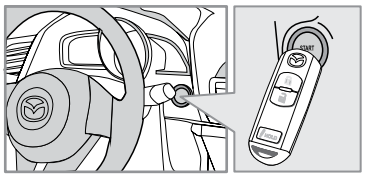


↳ *The Yellow Led will turn OFF.*



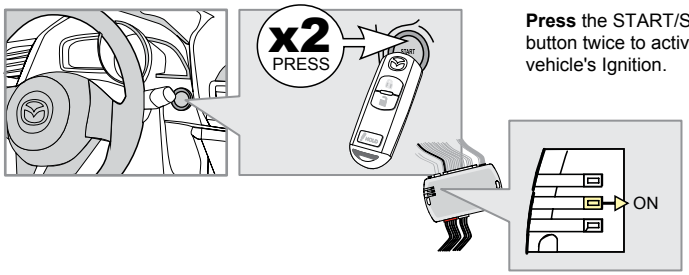
KEY#2

9



Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

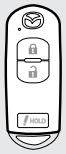


Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

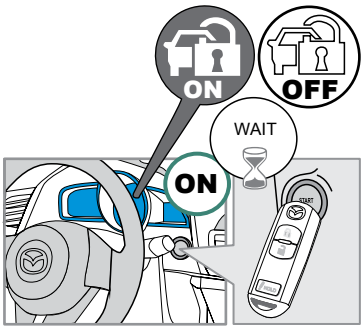
CONTINUED NEXT PAGE |

KEY BYPASS PROGRAMMING PROCEDURE 3/5 |



KEY#2

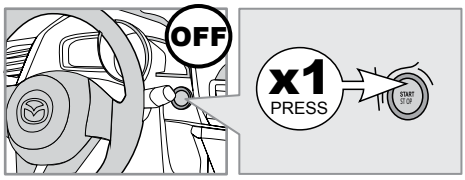
11



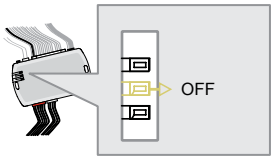
Wait for the security indicator to turn OFF (around 3 seconds).

12

IMMEDIATELY

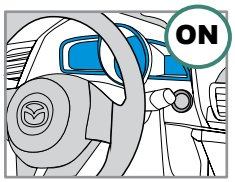


Press the START/STOP button once to deactivate the vehicle's Ignition.

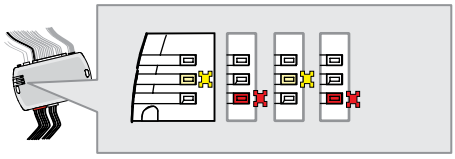


↳ *The Yellow Led will turn OFF.*

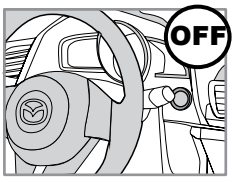
13



The vehicle's ignition will turn ON

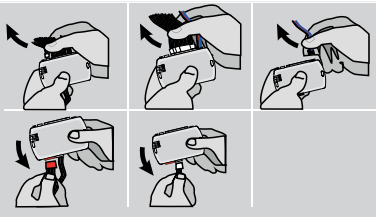


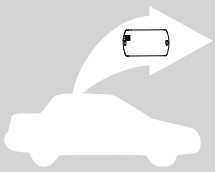
↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

14

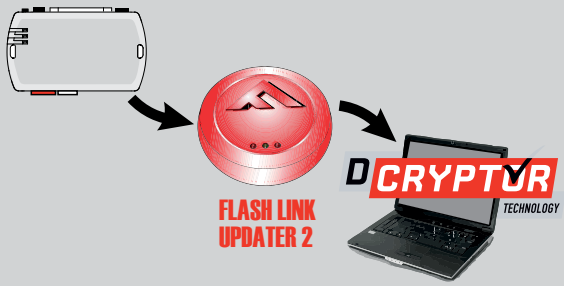




Disconnect the Data-Link (4-pins) connector and after all the remaining connectors.

KEY BYPASS PROGRAMMING PROCEDURE 4/5

15



Connect the module to the FLASH LINK UPDATER 2 and **visit** the DCryptor menu in the Flash-Link Manager.

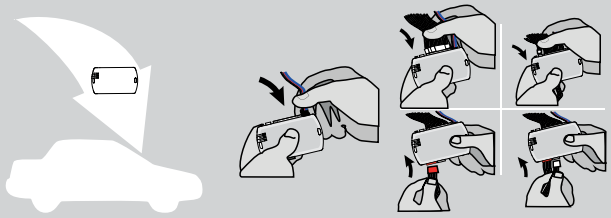
Parts required (not included)

FLASH LINK UPDATER 2

FLASH LINK MANAGER
SOFTWARE | PROGRAMME

Microsoft Windows Computer with

16



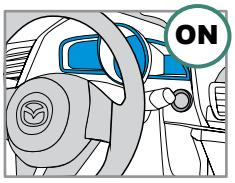
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

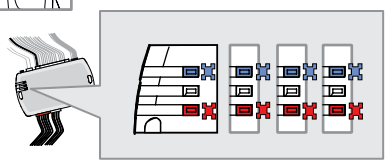
1 - 12

Repeat step 1 to 12.

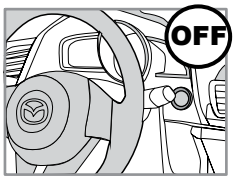
18



The vehicle's ignition will turn ON

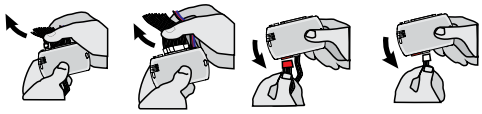


↳ *The Blue and Red LEDs will flash.*



The vehicle's Ignition will turn OFF.

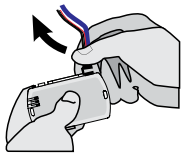
19



Disconnect all Harness

20

et ensuite:



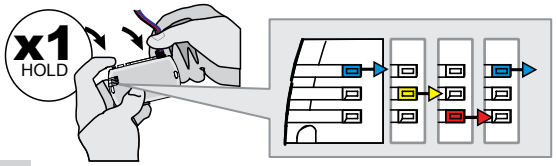
Disconnect the 4-PIN Data-link harness (Black connector).

KEY BYPASS PROGRAMMING PROCEDURE 5/5

CAN PROGRAMMING PROCEDURE

21

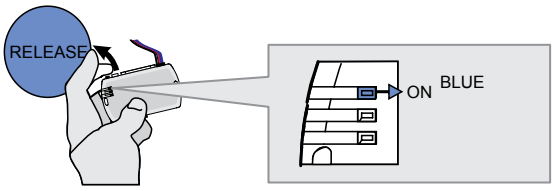
CAUTION FOR: EVO-ALARM OPTION
If the module GREEN (A4) wire is connected to the HORN make sure that the option G1 (EVO-ALARM) is enabled before CAN programming.



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

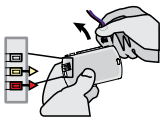
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

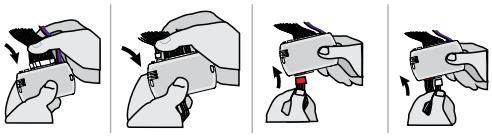


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

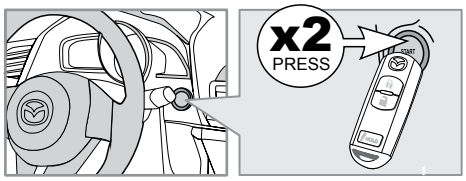


23

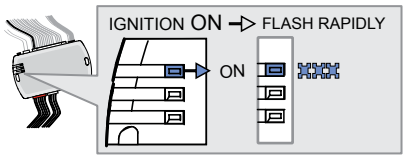


Connect the required remaining harnesses.

24

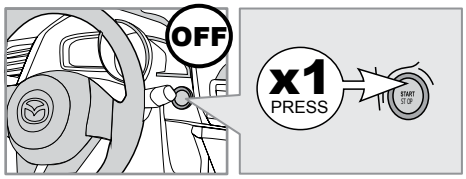


Press the START/STOP button twice to activate the vehicle's Ignition.

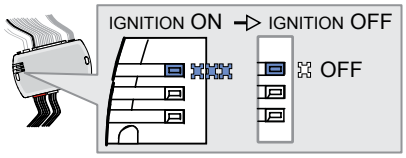


↳ *The Blue LED will flash rapidly.*

25



Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

The module is now programmed.

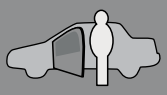
REMOTE STARTER FUNCTIONALITY

All doors must be closed.

Do not remote-start with the OEM remote inside the vehicle.

Never remote-start with a passenger inside the vehicle.

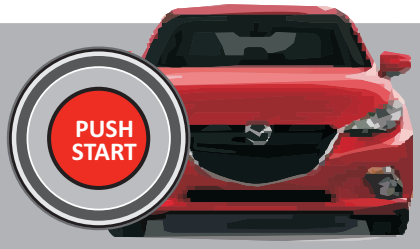
Remote start the vehicle.



The module will shut down the vehicle as soon as a door is opened.

THAR-MAZ1 THARNESS INSTALLATION WITH 2 KEYS PROGRAMMING

ADDENDUM - SUGGESTED WIRING CONFIGURATION



	VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)												
			Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
MAZDA															
3	*Push-to-Start - Sedan / Hatchback - Automatic transmission only*	2014-2018	•	•	•	•	•	•	•	•	•	•	•	•	•

85.[11]
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

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

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.

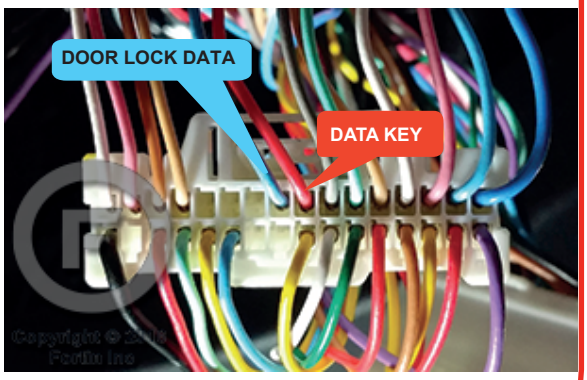
A11 **OFF**

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

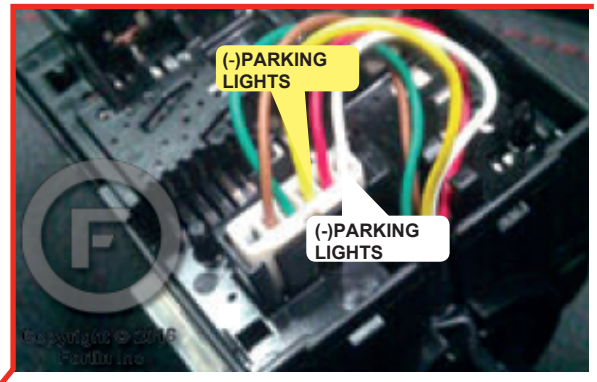
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

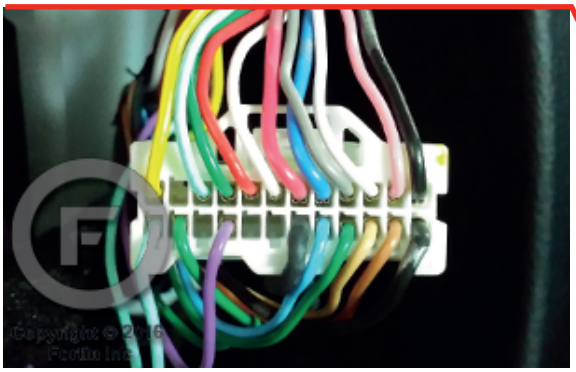
① Under steering column, START-STOP unit



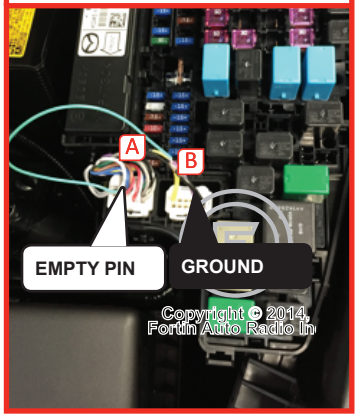
③ At parking lights switch



② Under steering column, START-STOP unit



④ Engine compartment
- without OEM ALARM

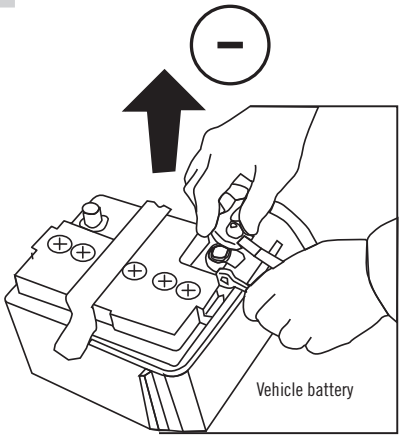


ATTENTION

Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect the negative terminal from the vehicle's battery.

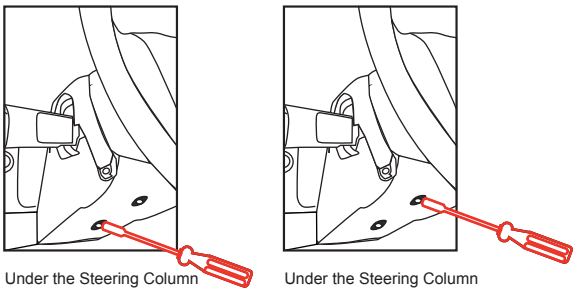
In these vehicles, the factory keyless entry module is sensitive to interference and may cease to operate if some precautions are not taken. Disconnect the (-) terminal of the battery prior to disconnecting the connectors at the smartkey module below the steering wheel to avoid damage to the smartkey entry module.

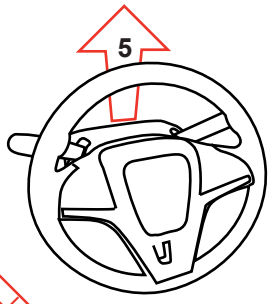
1



Disconnect the (-) terminal of the battery.

2





1 Unscrew.

2 Unscrew

3 Onclip

4 Onclip

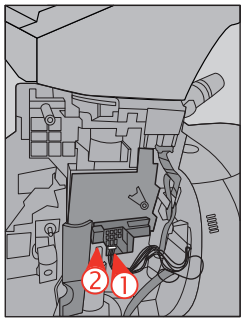
5 Gently pull up the cover of the steering column.

3

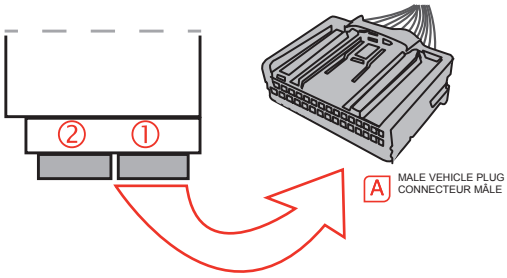
Make the following connections.

CONTINUED NEXT PAGE

4



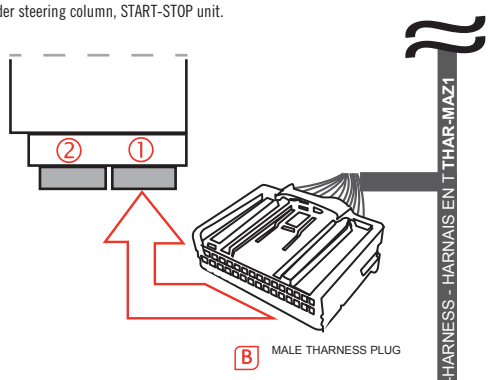
Under steering column, START-STOP unit.



Disconnect the connector
A

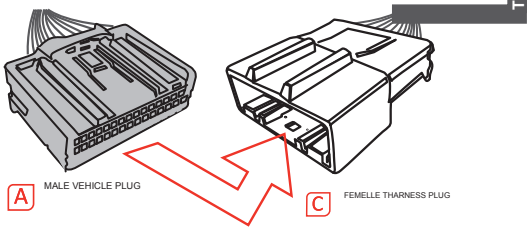
5

Under steering column, START-STOP unit.



Connect the connector
B

6



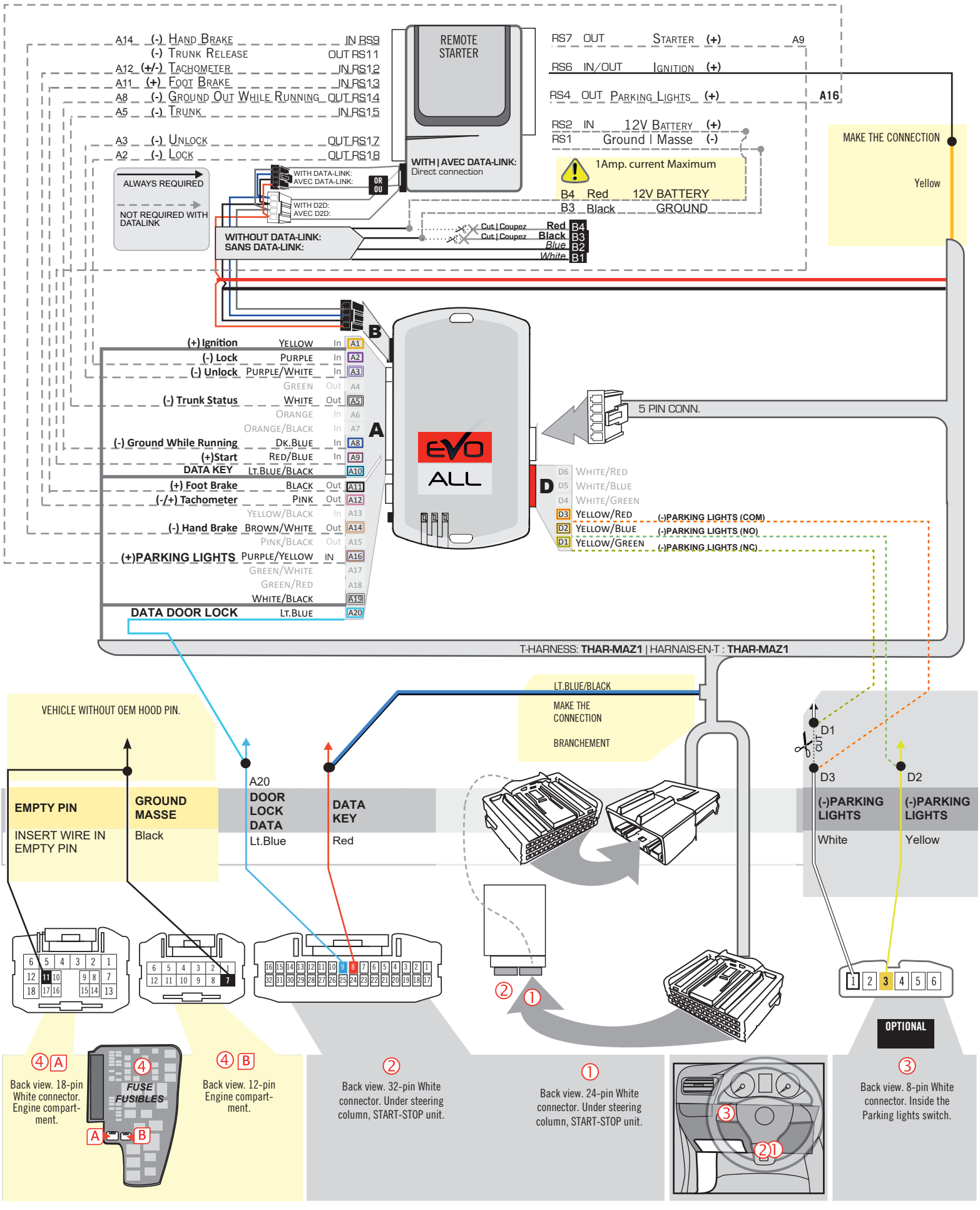
Connect the connector
A
into connector
C

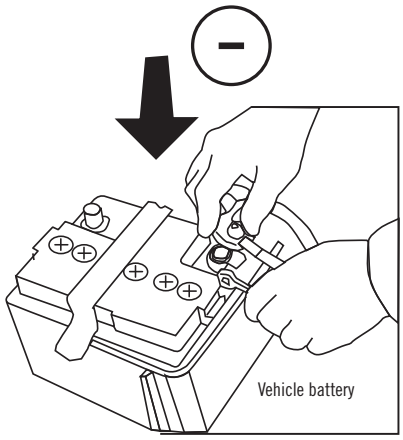
7

Make other required connections.

CONTINUED NEXT PAGE

AUTOMATIC TRANSMISSION WIRING CONNECTION





Reconnect the (-) terminal of the battery.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 1/6 |

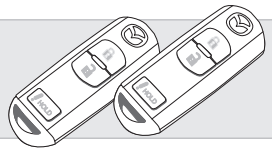
x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

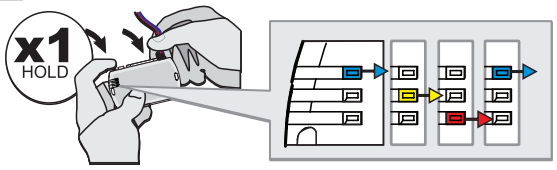
- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



Make sure to have two valide vehicle key.

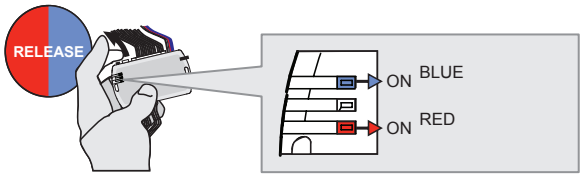
1



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

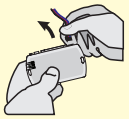
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

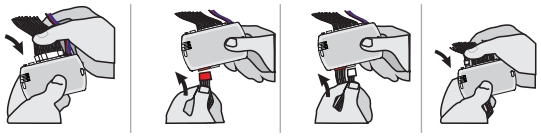


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector) and go back to step1.

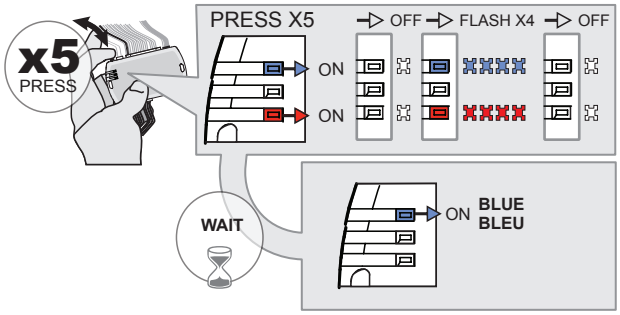


3



Connect the required remaining harnesses.

4



Press and release the programming button five times (5x).

↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

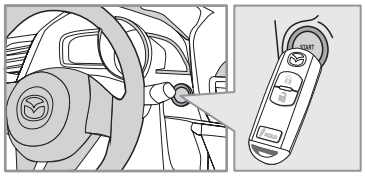
↳ ***Wait** for the Blue LED to turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 2/5

KEY#1

5



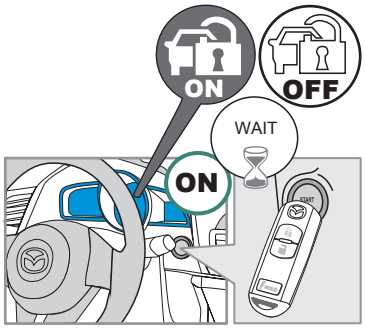
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

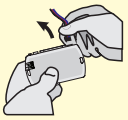
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



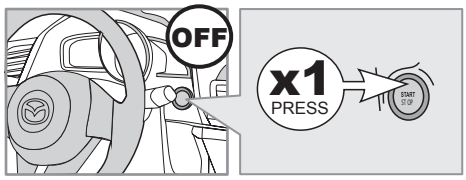
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



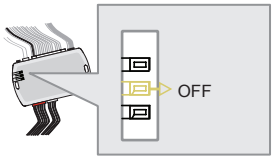
Wait for the security indicator to turn OFF (around 3 seconds).

8

IMMEDIATELY



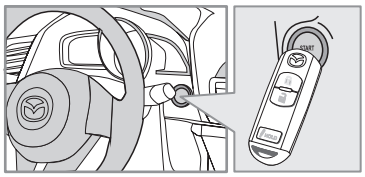
Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Yellow Led will turn OFF.*

KEY#2

9



Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

Press the START/STOP button twice to activate the vehicle's Ignition.

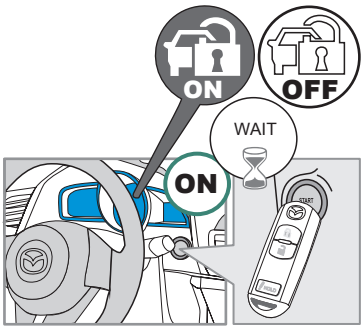
↳ *The Yellow LED will turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 3/6

11

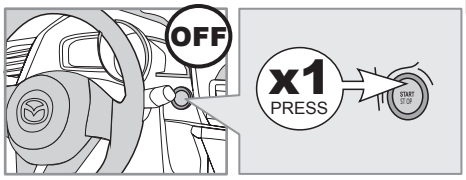
KEY#2



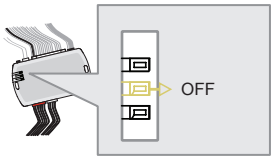
Wait for the security indicator to turn OFF (around 3 seconds).

12

IMMEDIATELY

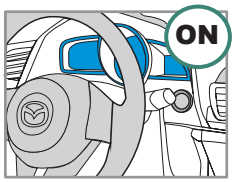


Press the START/STOP button once to deactivate the vehicle's Ignition.

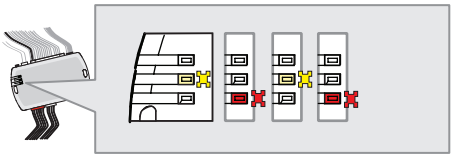


↳ *The Yellow Led will turn OFF.*

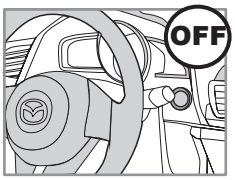
13



The vehicle's ignition will turn ON

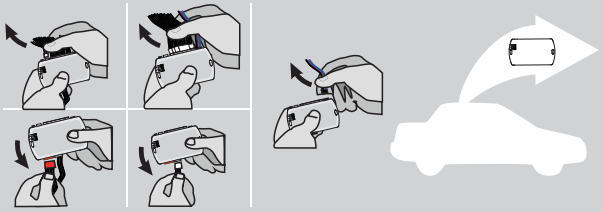


↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

14

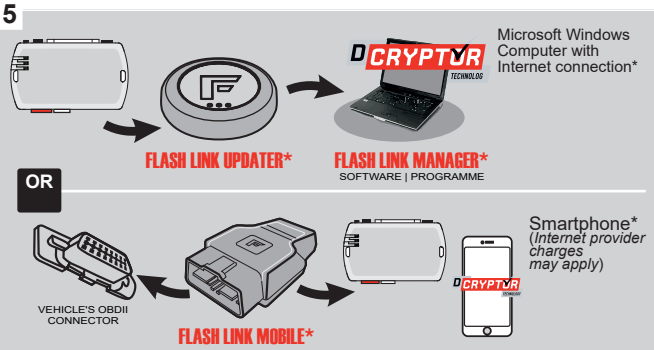


Disconnect all the connectors and after the Data-Link (4-pins) connector.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 4/6

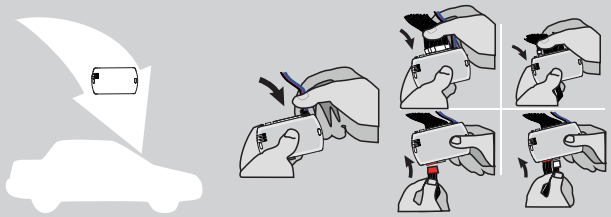
15



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

*Parts required (not included)

16



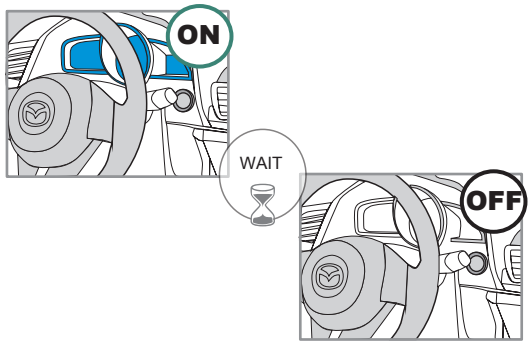
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

1 - 12

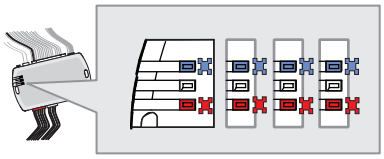
Repeat step 1 to 12.

18



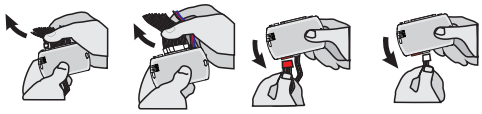
The vehicle's ignition will turn ON

The vehicle's Ignition will turn OFF.



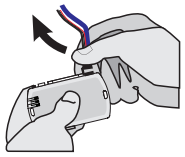
↳ *The Blue and Red LEDs will flash.*

19



Disconnect all Harness

20



Next:

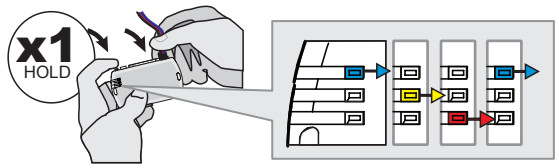
Disconnect the 4-PIN Data-link harness (Black connector).

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 5/6

CAN PROGRAMMING PROCEDURE

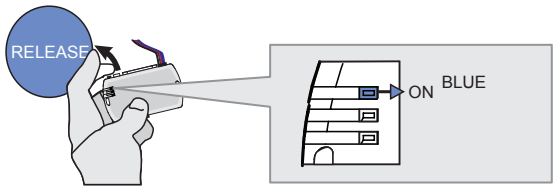
21



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

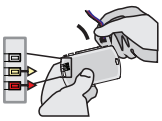
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

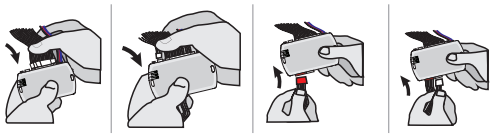


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

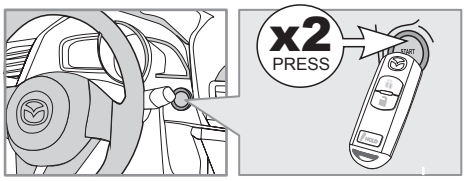


23

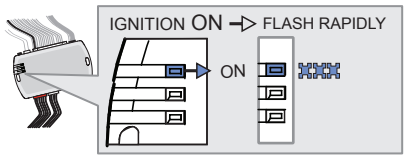


Connect the required remaining harnesses.

24

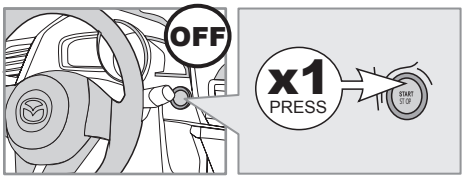


Press the START/STOP button twice to turn ON the vehicle's Ignition.

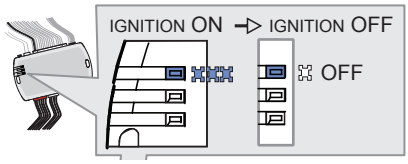


↳ *The Blue LED will flash rapidly.*

25



Press the START/STOP button once to turn OFF the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

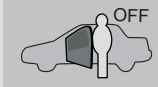
The module is now programmed.

REMOTE STARTER FUNCTIONALITY

All doors must be closed.

Remote start the vehicle.

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



The module will shut down the vehicle as soon as the drivers door is opened.

Enter the vehicle with the Smart-Key.

Press the brake pedal or the clutch for the manual transmission.

Press the Push-to-Start button to start the vehicle.

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

THAR-MAZ1 THARNESS INSTALLATION WITH 2 KEYS PROGRAMMING

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

		Vehicle functions supported in this diagram (functional if equipped)												
		Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
VEHICLE	YEARS													
MAZDA														
6 *Push-to-Start - Automatic transmission only*	2021	•	•	•	•	•	•	•	•	•	•	•	•	•

85.[11]
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

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

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.

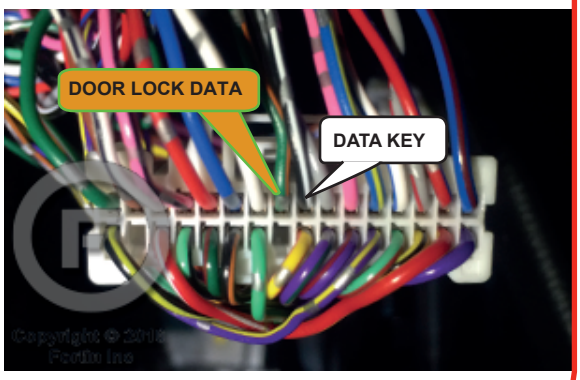
A11 **OFF**

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

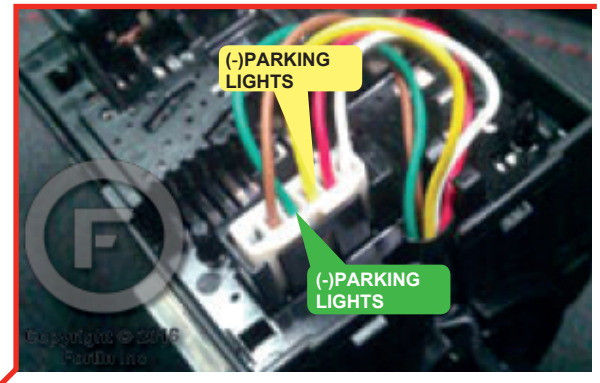
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

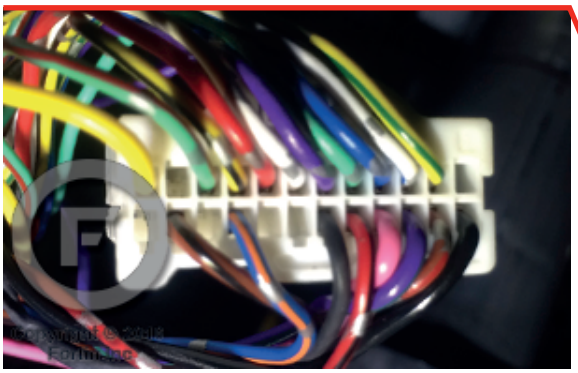
① Under steering column, START-STOP unit



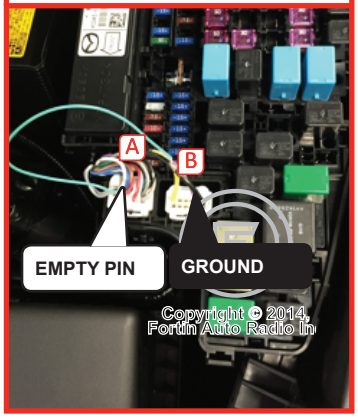
③ At parking lights switch



② Under steering column, START-STOP unit



④ Engine compartment - without OEM ALARM

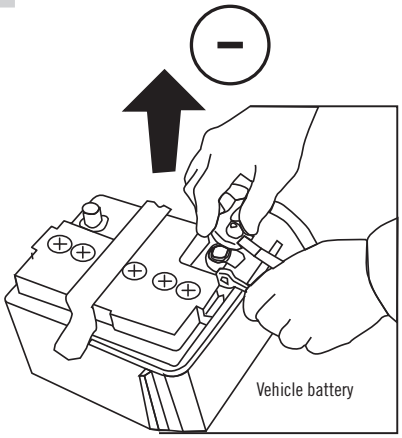


ATTENTION

Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect the negative terminal from the vehicle's battery.

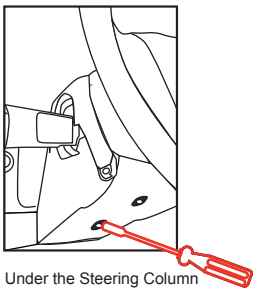
In these vehicles, the factory keyless entry module is sensitive to interference and may cease to operate if some precautions are not taken. Disconnect the (-) terminal of the battery prior to disconnecting the connectors at the smartkey module below the steering wheel to avoid damage to the smartkey entry module.

1

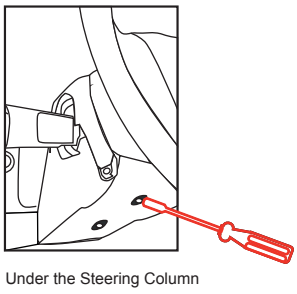


Disconnect the (-) terminal of the battery.

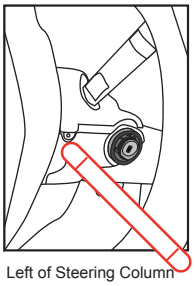
2


Under the Steering Column

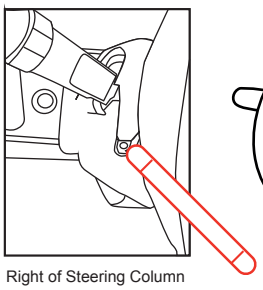
1 Unscrew.


Under the Steering Column

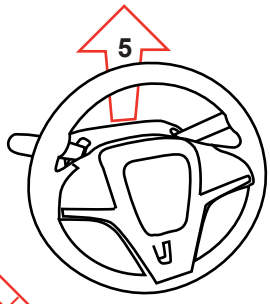
2 Unscrew


Left of Steering Column

3 Onclip


Right of Steering Column

4 Onclip



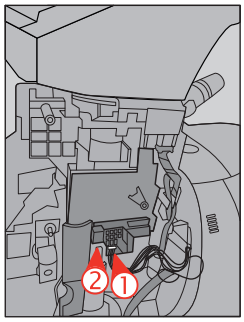
5 Gently pull up the cover of the steering column.

3

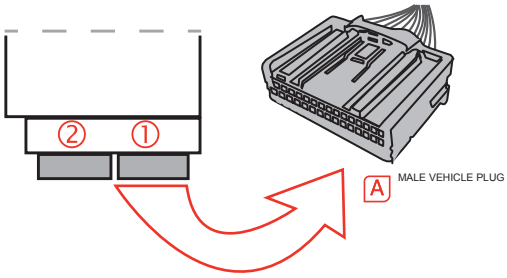
Make the following connections.

CONTINUED NEXT PAGE

4



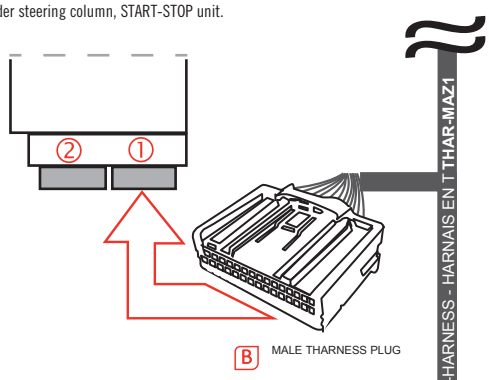
Under steering column, START-STOP unit.



Disconnect the connector
A

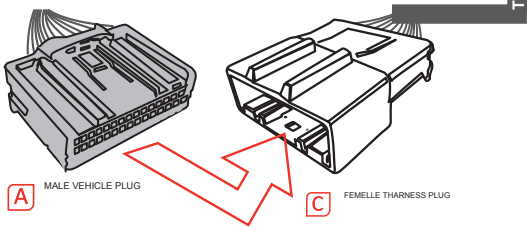
5

Under steering column, START-STOP unit.



Connect the connector
B

6



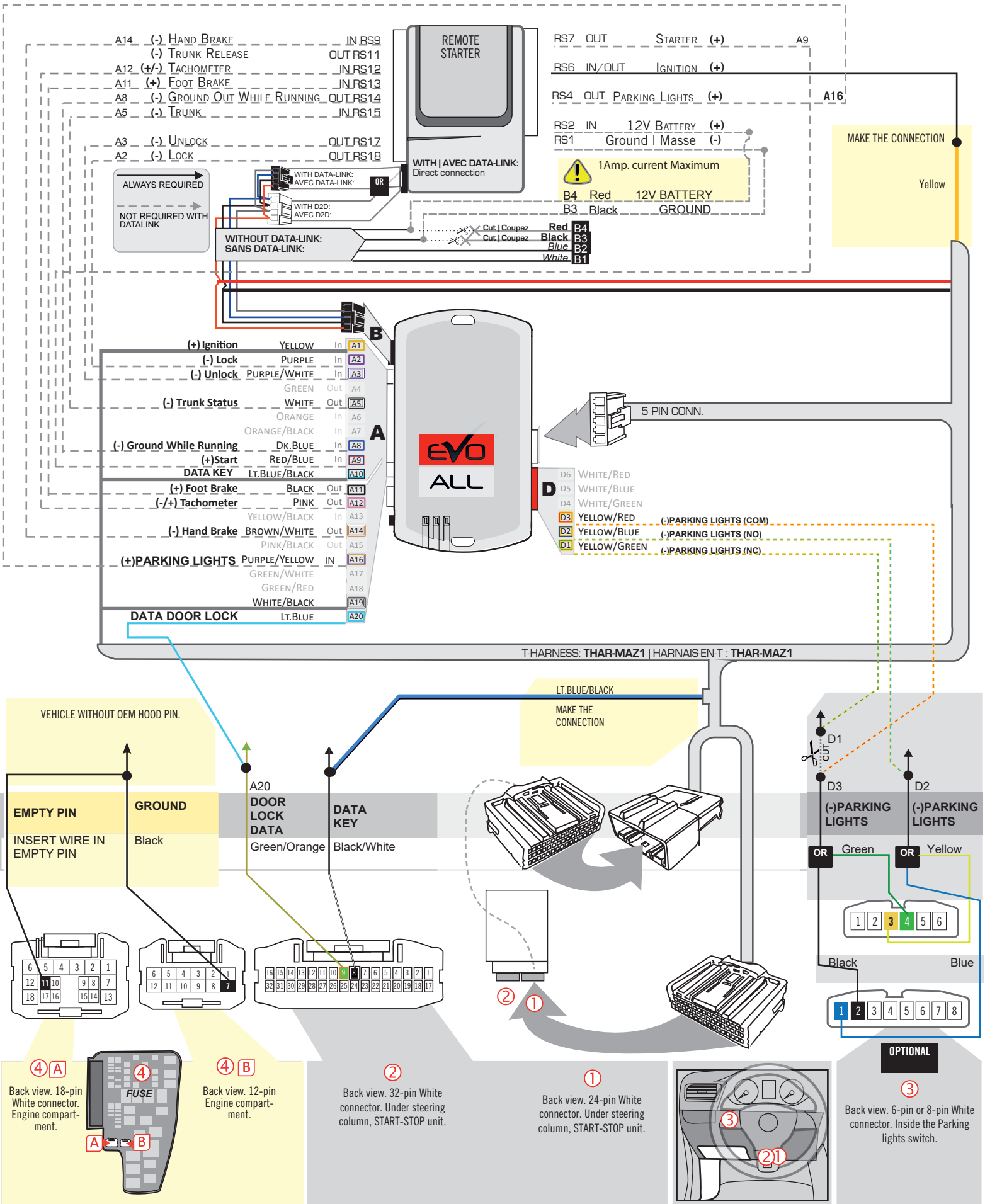
Connect the connector
A
into connector
C

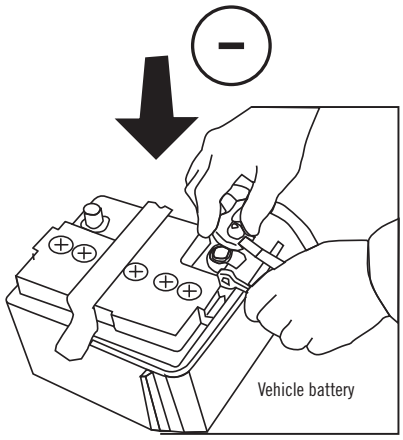
7

Make other required connections.

CONTINUED NEXT PAGE

AUTOMATIC TRANSMISSION WIRING CONNECTION





Reconnect the (-) terminal of the battery.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 1/6

x3 max.

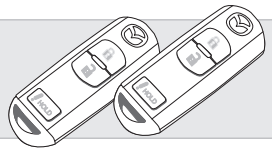
Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

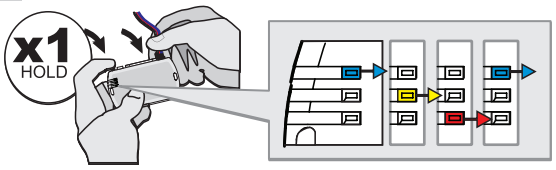
If no connection errors can be found then please contact technical support assistance.

DO NOT REPROGRAM ANOTHER MODULE UNLESS INSTRUCTED TO DO SO BY TECHNICAL SUPPORT.



Make sure to have two valide vehicle key.

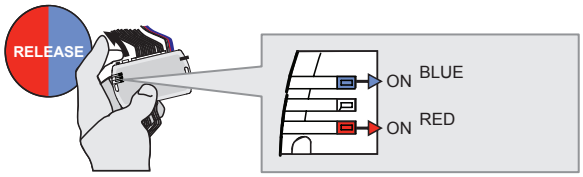
1



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

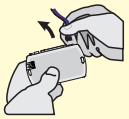
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

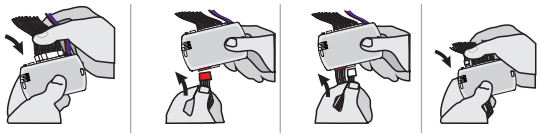


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector) and go back to step1.

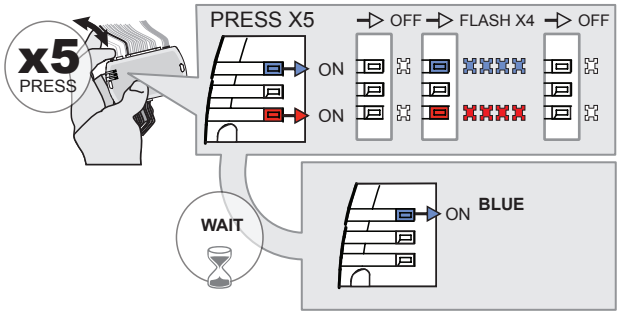


3



Connect the required remaining harnesses.

4



Press and release the programming button five times (5x).

↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

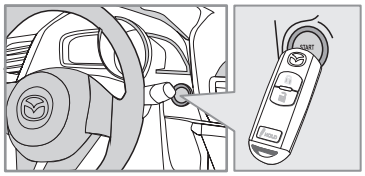
↳ ***Wait** for the Blue LED to turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 2/5

KEY#1

5



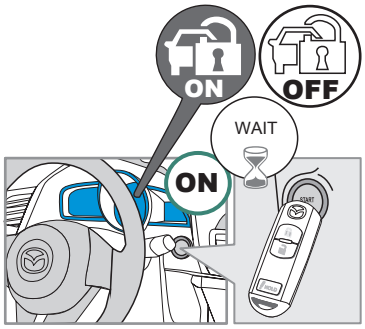
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

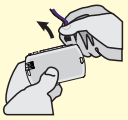
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



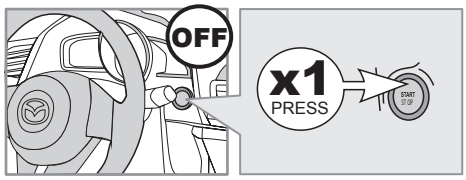
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



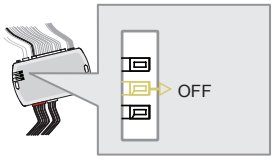
Wait for the security indicator to turn OFF (around 3 seconds).

8

IMMEDIATELY



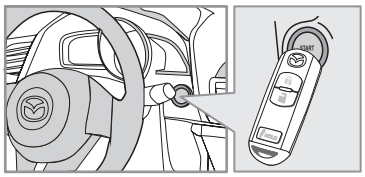
Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Yellow Led will turn OFF.*

KEY#2

9



Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

Press the START/STOP button twice to activate the vehicle's Ignition.

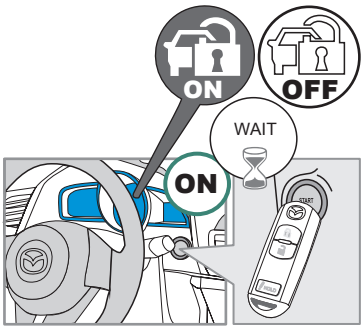
↳ *The Yellow LED will turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 3/6

11

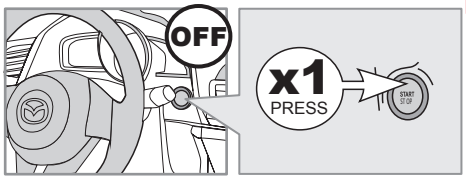
KEY#2



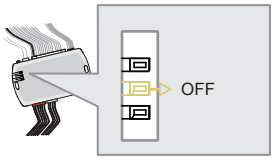
Wait for the security indicator to turn OFF (around 3 seconds).

12

IMMEDIATELY

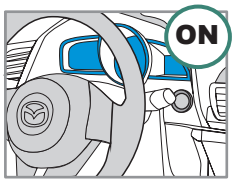


Press the START/STOP button once to deactivate the vehicle's Ignition.

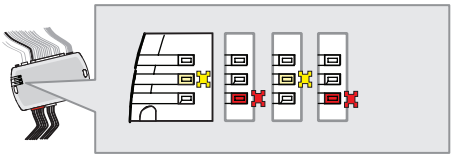


↳ *The Yellow Led will turn OFF.*

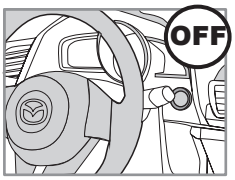
13



The vehicle's ignition will turn ON

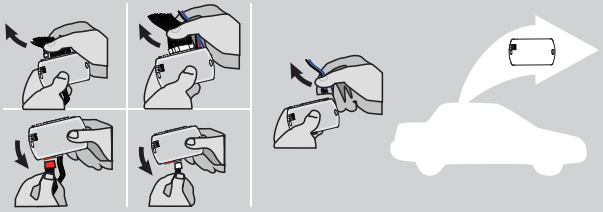


↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

14

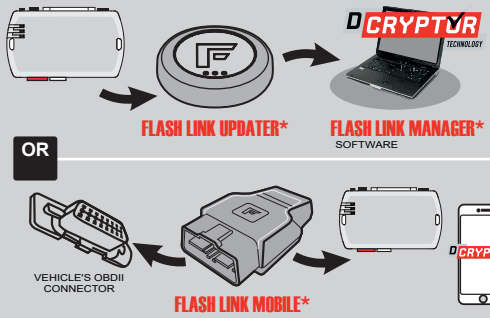


Disconnect all the connectors and after the Data-Link (4-pins) connector.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 4/6

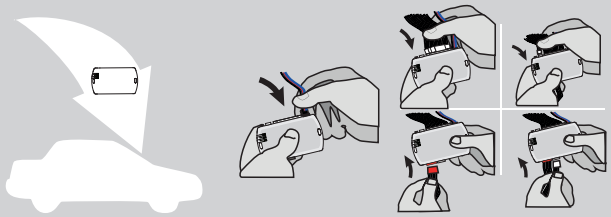
15



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

*Parts required (not included)

16



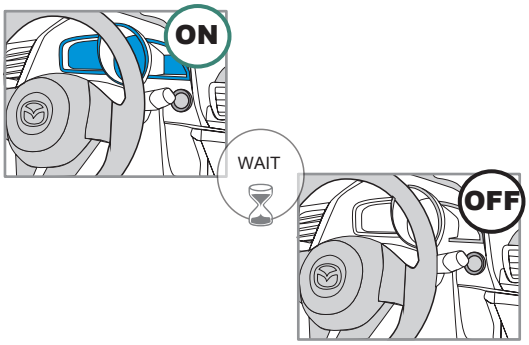
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

1 - 12

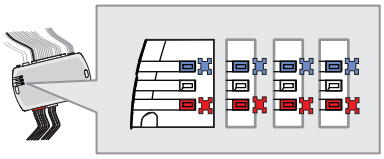
Repeat step 1 to 12.

18



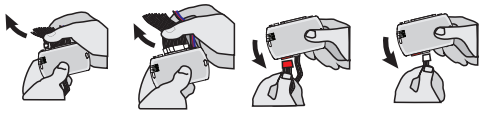
The vehicle's ignition will turn ON

The vehicle's Ignition will turn OFF.



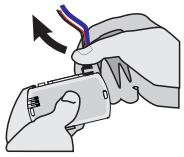
↳ *The Blue and Red LEDs will flash.*

19



Disconnect all Harness

20



Next:

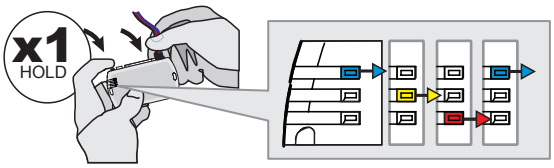
Disconnect the 4-PIN Data-link harness (Black connector).

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 5/6

CAN PROGRAMMING PROCEDURE

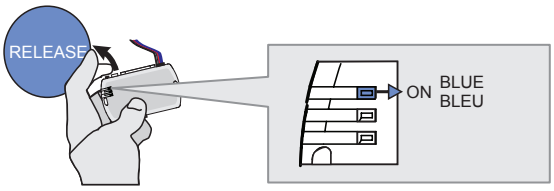
21



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

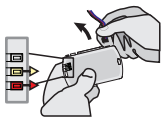
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

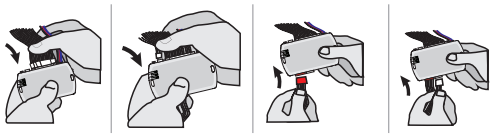


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

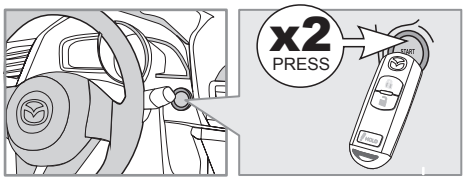


23

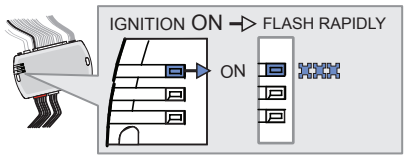


Connect the required remaining harnesses.

24

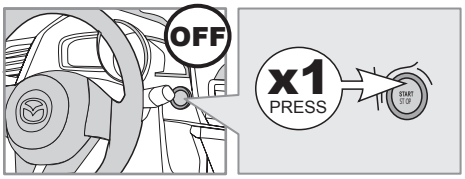


Press the START/STOP button twice to turn ON the vehicle's Ignition.

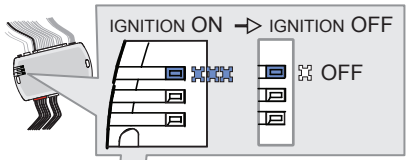


↳ *The Blue LED will flash rapidly.*

25



Press the START/STOP button once to turn OFF the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

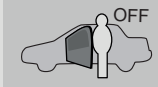
The module is now programmed.

REMOTE STARTER FUNCTIONALITY

All doors must be closed.

Remote start the vehicle.

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



The module will shut down the vehicle as soon as the drivers door is opened.

Enter the vehicle with the Smart-Key.

Press the brake pedal or the clutch for the manual transmission.

Press the Push-to-Start button to start the vehicle.

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

CX-3 *AUTOMATIC TRANSMISSION ONLY*

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

VEHICLE		YEARS	Vehicle functions supported in this diagram (functional if equipped)									
			Immobilizer bypass	Lock	Unlock	Parking lights	Tachometer	Door Status	Trunk Status	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
MAZDA												
CX-3	*Push-to-Start - Automatic transmission*	2016	•	•	•	•	•	•	•	•	•	•

HARDWARE VERSION	FIRMWARE VERSION
MINIMUM **6**	**71.[35]**
	FORD MINIMUM

Parts required (Not included)

1X 10 AMP Fuse
1x Diode 1A
1X 1K Ohm Resistor (with doorlock)

FLASH LINK MANAGER
Software version 3.52 and more

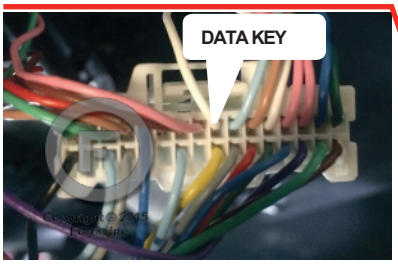
FLASH LINK UPDATER 2

1X Microsoft Windows Computer & Internet connection

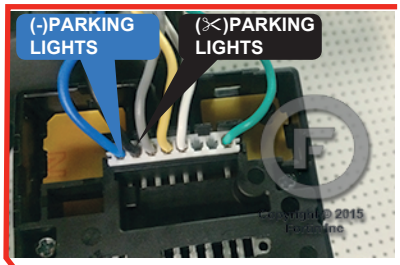
DCRYPTOR TECHNOLOGY

DESCRIPTION |

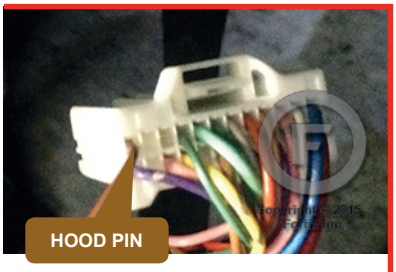
① Under steering column, START-STOP unit

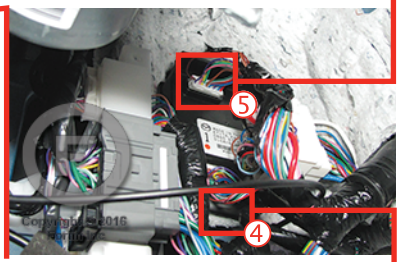


③ At parking lights switch



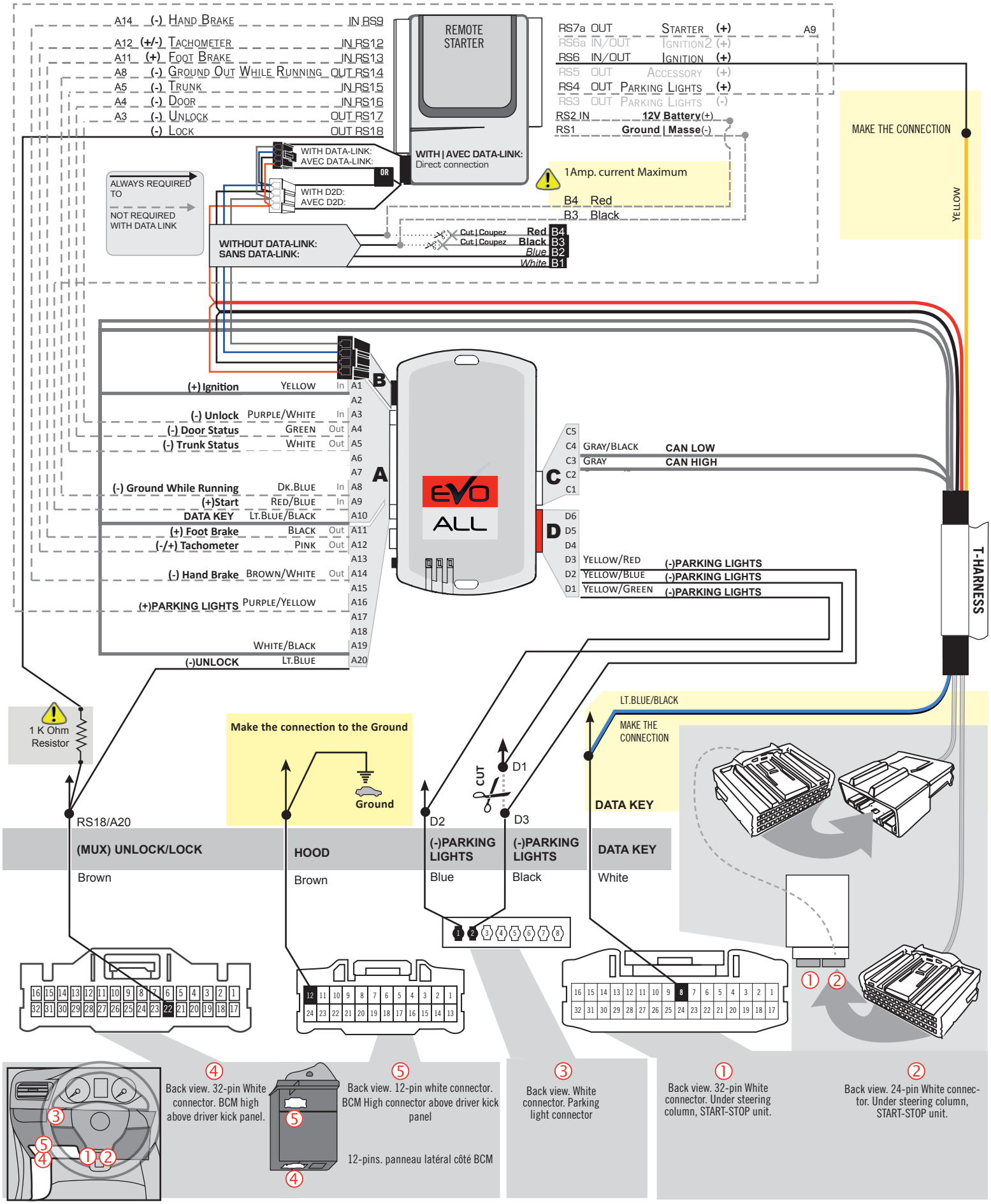
⑤ BCM High connector above driver kick panel





④ BCM High connector above driver kick panel

AUTOMATIC TRANSMISSION WIRING CONNECTION |



KEY BYPASS PROGRAMMING PROCEDURE 1/5 |

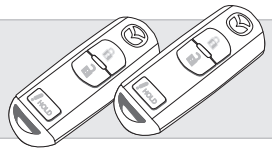
x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

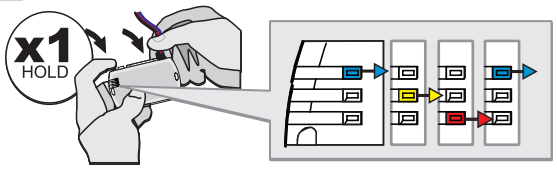
- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



Make sure to have two valide vehicle key.

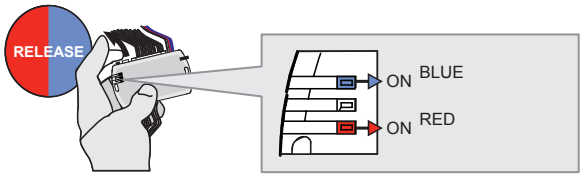
1



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

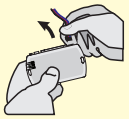
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

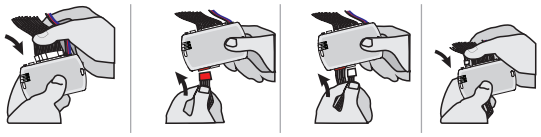


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector) and go back to step1.

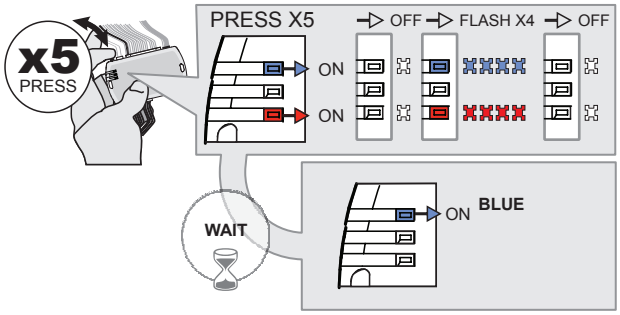


3



Connect the required remaining harnesses.

4



Press and release the programming button five times (5x).

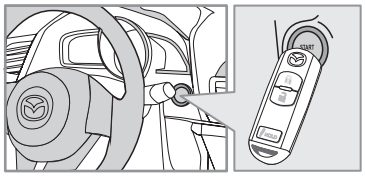
↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

↳ ***Wait** for the Blue LED to turn ON.*

KEY BYPASS PROGRAMMING PROCEDURE 2/5 |

KEY#1

5



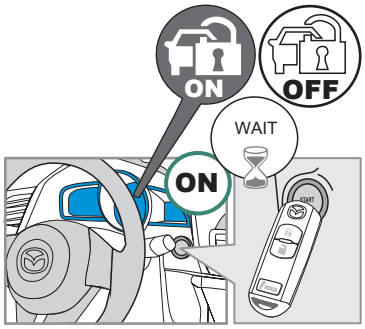
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

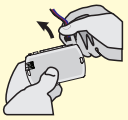
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



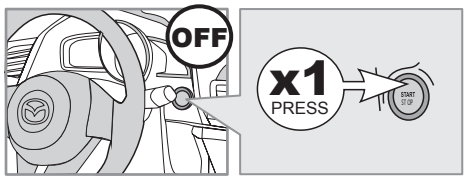
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



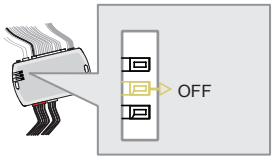
Wait for the security indicator to turn OFF (around 3 seconds).

IMMEDIATELY

8



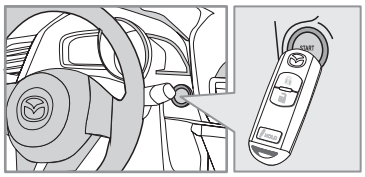
Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Yellow Led will turn OFF.*

KEY#2

9



Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

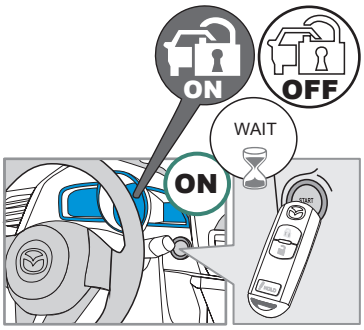
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

KEY BYPASS PROGRAMMING PROCEDURE 3/5 |

KEY#2

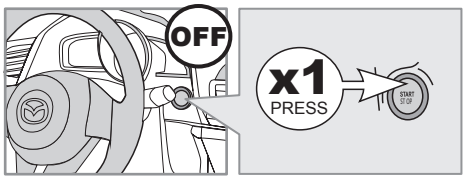
11



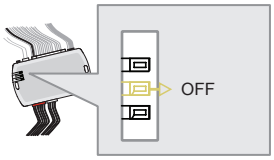
Wait for the security indicator to turn OFF (around 3 seconds).

12

IMMEDIATELY

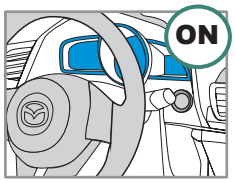


Press the START/STOP button once to deactivate the vehicle's Ignition.

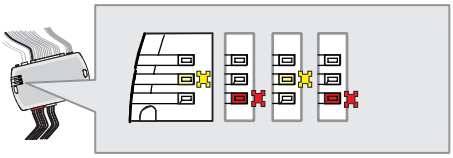


↳ *The Yellow Led will turn OFF.*

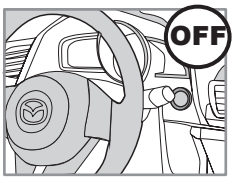
13



The vehicle's ignition will turn ON

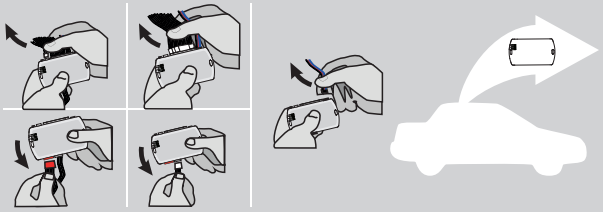


↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

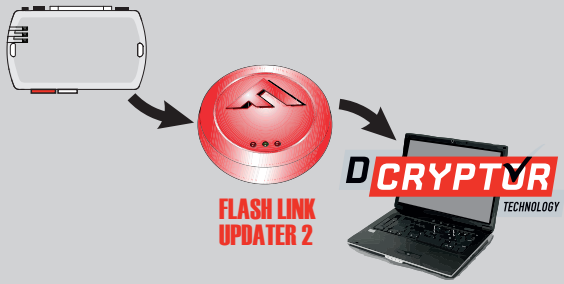
14



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

KEY BYPASS PROGRAMMING PROCEDURE 4/5 |

15



Connect the module to the FLASH LINK UPDATER 2 and **visit** the DCryptor menu in the Flash-Link Manager.

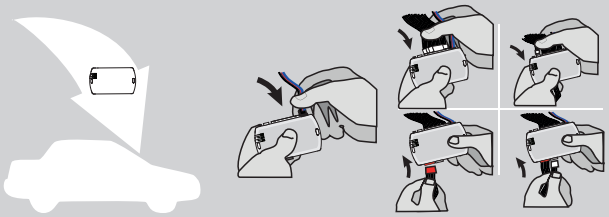
Parts required (not included)

FLASH LINK UPDATER 2

FLASH LINK MANAGER
SOFTWARE | PROGRAMME

Microsoft Windows Computer with Internet connection

16



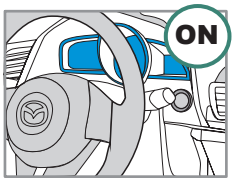
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

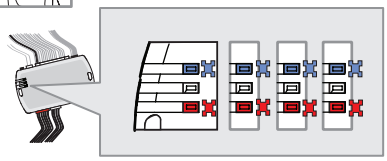
1 - 12

Repeat step 1 to 12.

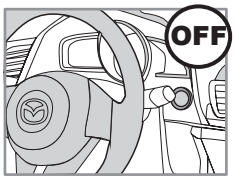
18



The vehicle's ignition will turn ON

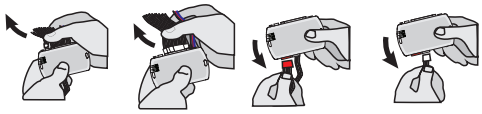


↳ *The Blue and Red LEDs will flash.*



The vehicle's Ignition will turn OFF.

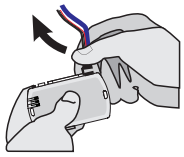
19



Disconnect all Harness

20

et ensuite:



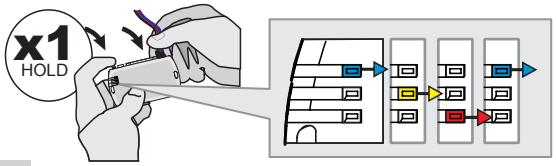
Disconnect the 4-PIN Data-link harness (Black connector).

KEY BYPASS PROGRAMMING PROCEDURE 5/5 |

CAN PROGRAMMING PROCEDURE

21

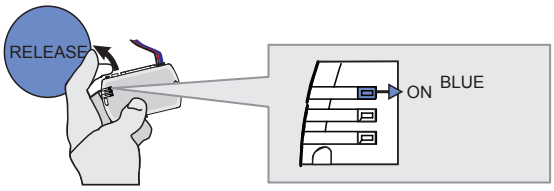
CAUTION FOR: EVO-ALARM OPTION
If the module GREEN (A4) wire is connected to the HORN make sure that the option G1 (EVO-ALARM) is enabled before CAN programming.



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

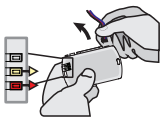
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

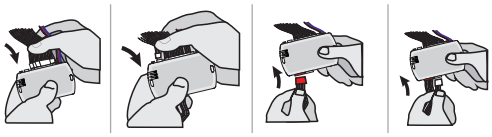


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

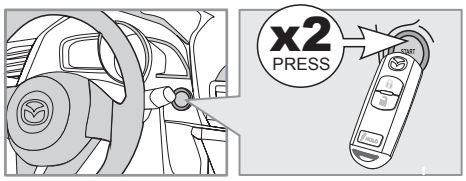


23

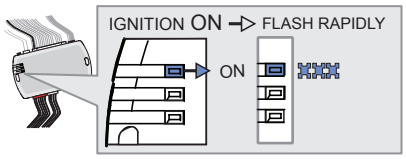


Connect the required remaining harnesses.

24

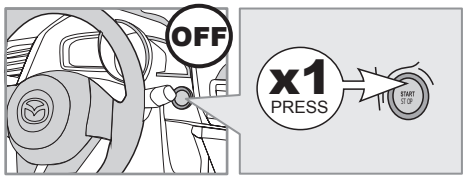


Press the START/STOP button twice to activate the vehicle's Ignition.

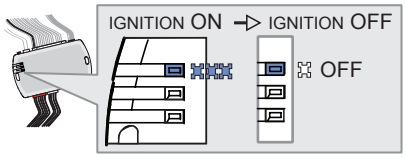


↳ *The Blue LED will flash rapidly.*

25



Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

The module is now programmed.

REMOTE STARTER FUNCTIONALITY |

All doors must be closed.

Do not remote-start with the OEM remote inside the vehicle.

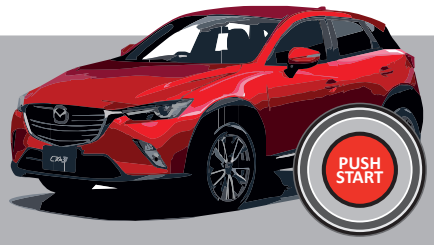
Never remote-start with a passenger inside the vehicle.

Remote start the vehicle.

The module will shut down the vehicle as soon as a door is opened.

THAR-MAZ1 THARNESS INSTALLATION WITH 2 KEYS PROGRAMMING

ADDENDUM - SUGGESTED WIRING CONFIGURATION



VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)												
		Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
MAZDA														
CX-3 *Push-to-Start - Automatic transmission*	2016-2021	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

85.[11]

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

Program bypass option (If equiped with OEM alarm):

UNIT OPTION	DESCRIPTION
D2	Unlock before / Lock after (Disarm OEM alarm)

NOTES

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

Parts required (Not included)

1X 10 AMP 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.

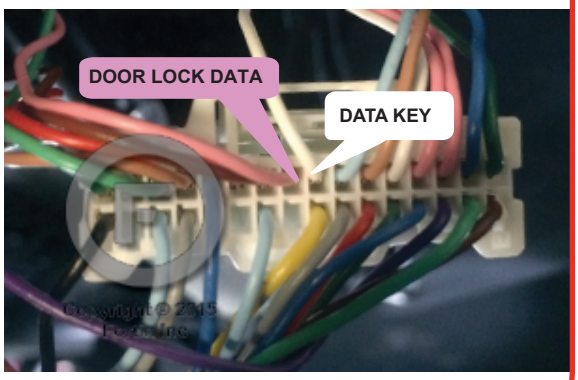
A11	**OFF NON**

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

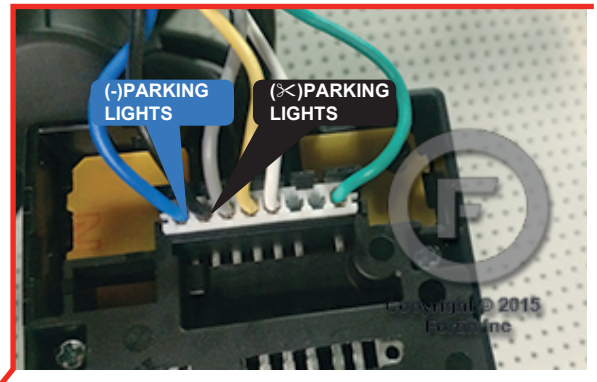
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

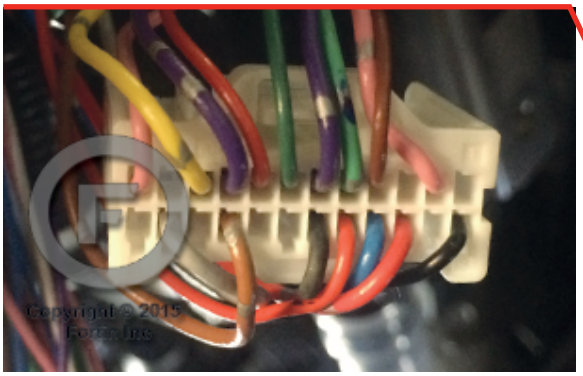
① Under steering column, START-STOP unit

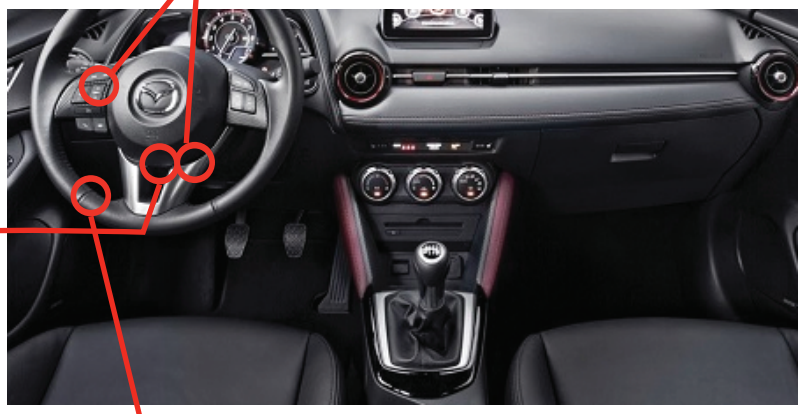


③ At parking lights switch

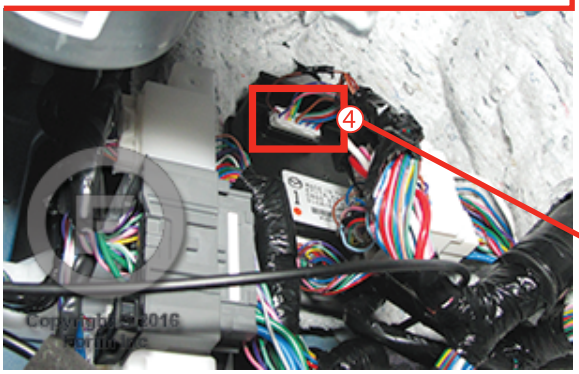


② Under steering column, START-STOP unit





④ BCM High connector above driver kick panel

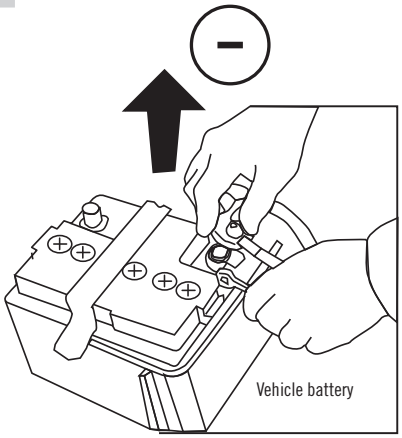


ATTENTION

Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect the negative terminal from the vehicle's battery.

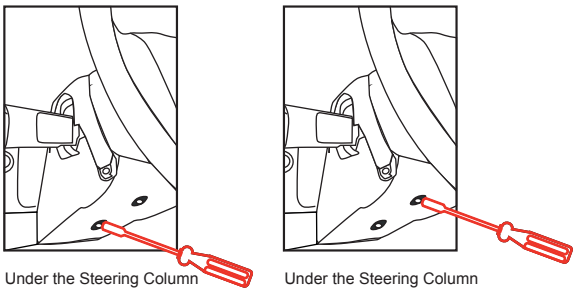
In these vehicles, the factory keyless entry module is sensitive to interference and may cease to operate if some precautions are not taken. Disconnect the (-) terminal of the battery prior to disconnecting the connectors at the smartkey module below the steering wheel to avoid damage to the smartkey entry module.

1



Disconnect the (-) terminal of the battery.

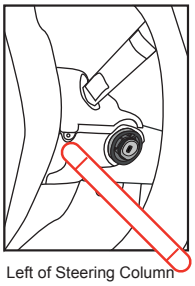
2


Under the Steering Column

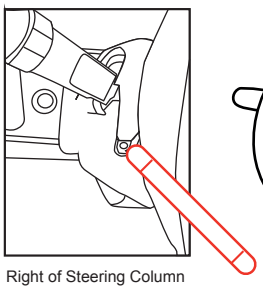
1 Unscrew.

Under the Steering Column

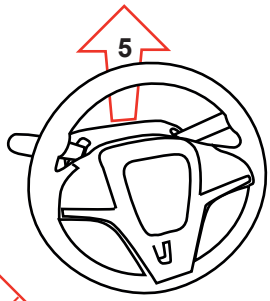
2 Unscrew


Left of Steering Column

3 Onclip


Right of Steering Column

4 Onclip



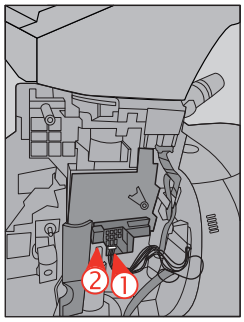
5 Gently pull up the cover of the steering column.
Tirez doucement sur le couvercle de la colonne de direction.

3

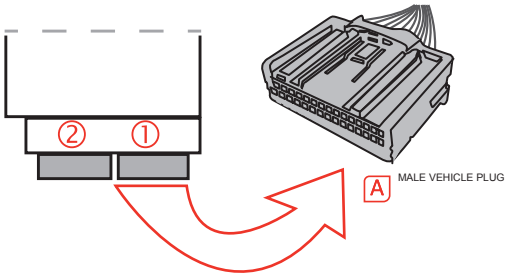
Make the following connections.

CONTINUED NEXT PAGE

4



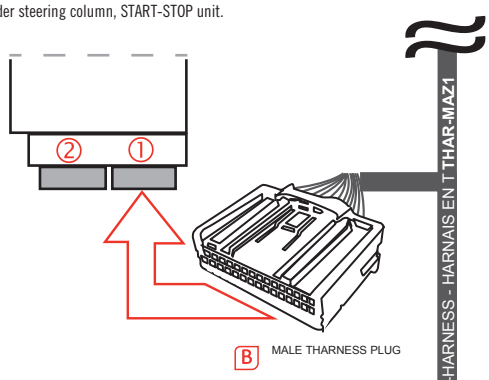
Under steering column, START-STOP unit.



Disconnect the connector
A

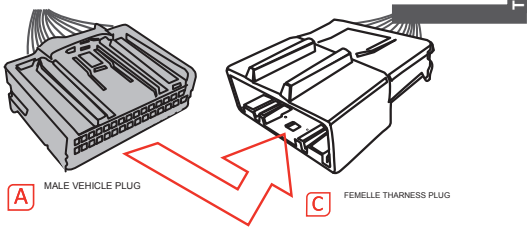
5

Under steering column, START-STOP unit.



Connect the connector
B

6



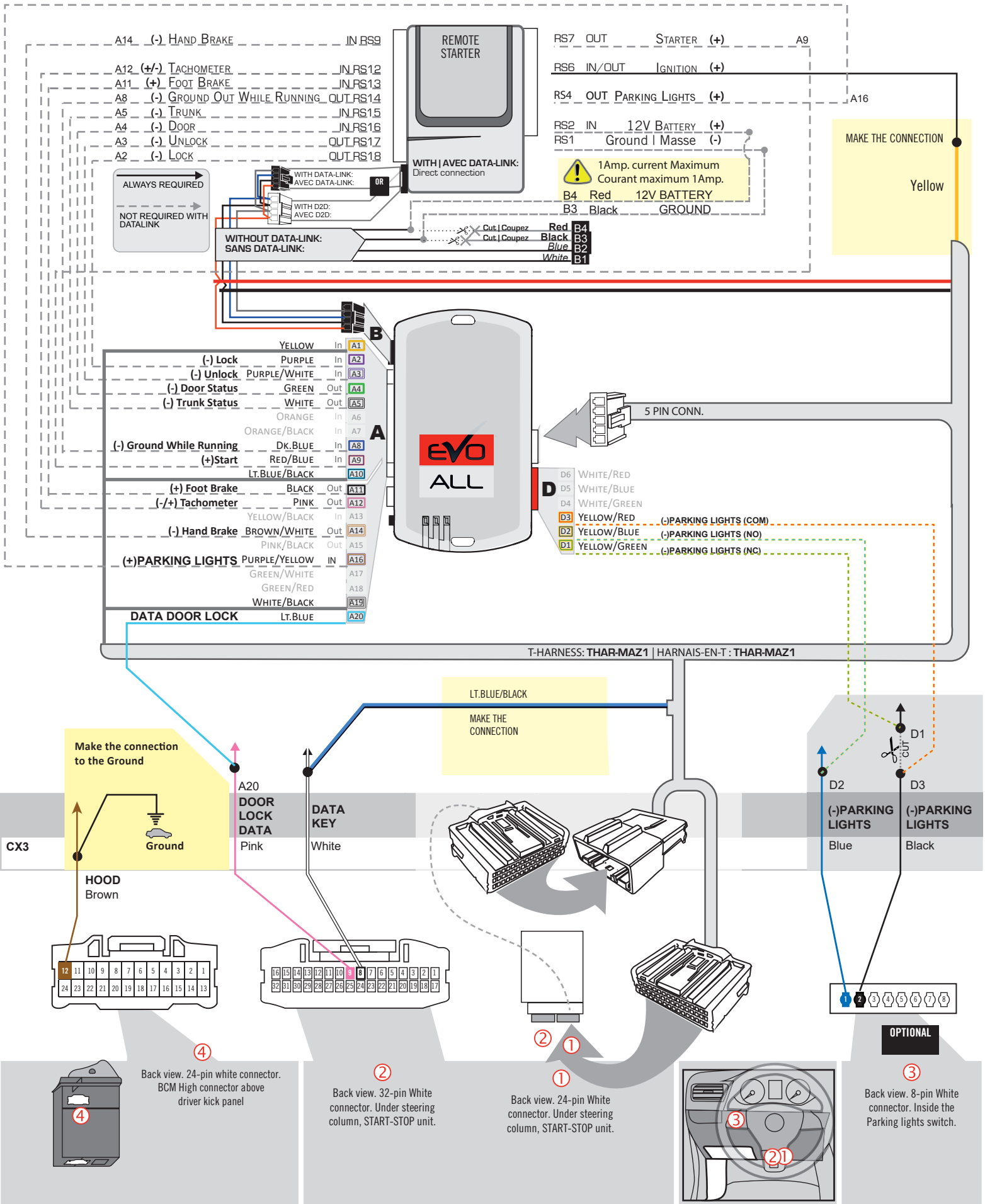
Connect the connector
A
into connector
C

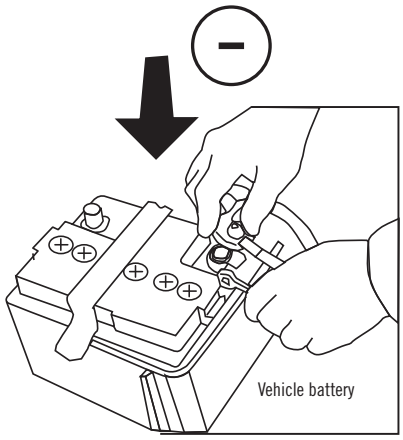
7

Make other required connections.

CONTINUED NEXT PAGE

AUTOMATIC TRANSMISSION WIRING CONNECTION





Reconnect the (-) terminal of the battery.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 1/6

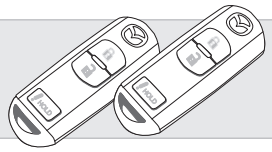
x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

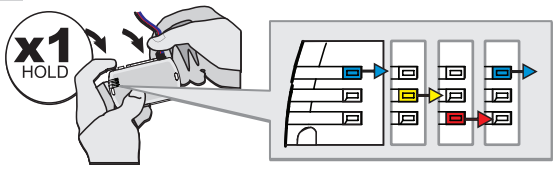
- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



Make sure to have two valide vehicle key.

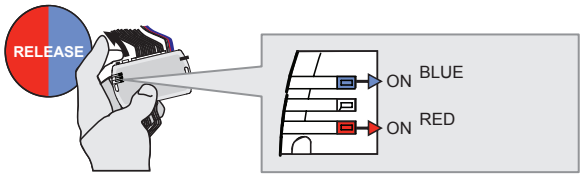
1



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

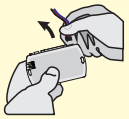
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

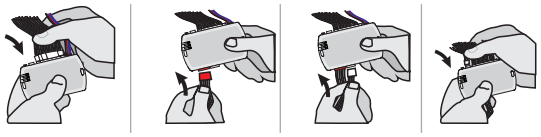


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector) and go back to step1.

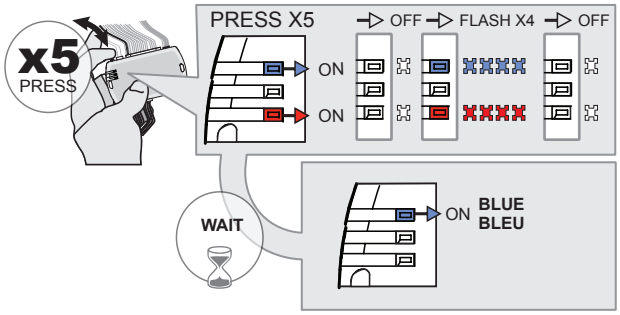


3



Connect the required remaining harnesses.

4



Press and release the programming button five times (5x).

↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

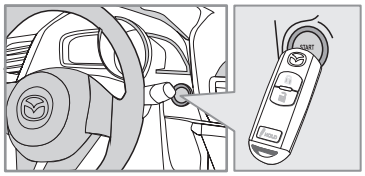
↳ ***Wait** for the Blue LED to turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 2/5

KEY#1

5



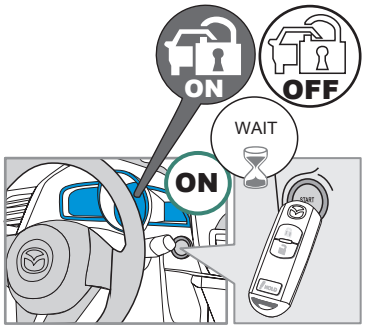
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

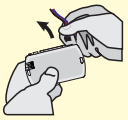
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



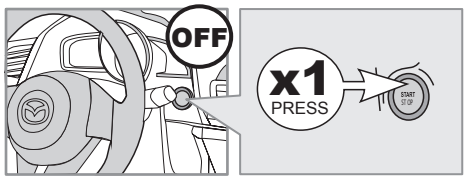
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



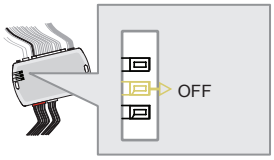
Wait for the security indicator to turn OFF (around 3 seconds).

8

IMMEDIATELY



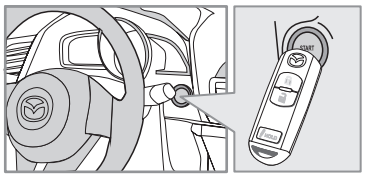
Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Yellow Led will turn OFF.*

KEY#2

9



Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

Press the START/STOP button twice to activate the vehicle's Ignition.

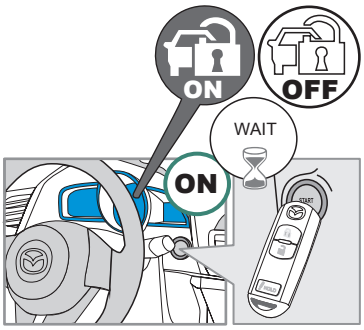
↳ *The Yellow LED will turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 3/6

11

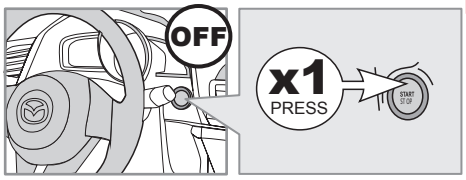
KEY#2



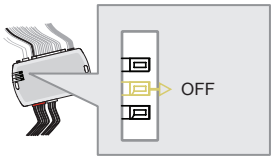
Wait for the security indicator to turn OFF (around 3 seconds).

12

IMMEDIATELY

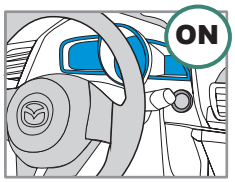


Press the START/STOP button once to deactivate the vehicle's Ignition.

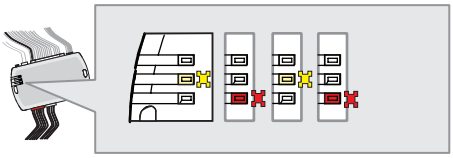


↳ *The Yellow Led will turn OFF.*

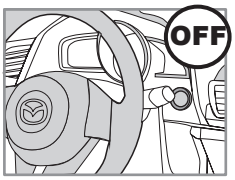
13



The vehicle's ignition will turn ON

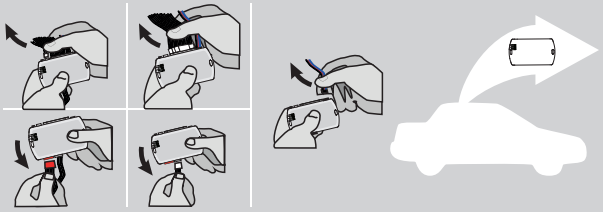


↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

14

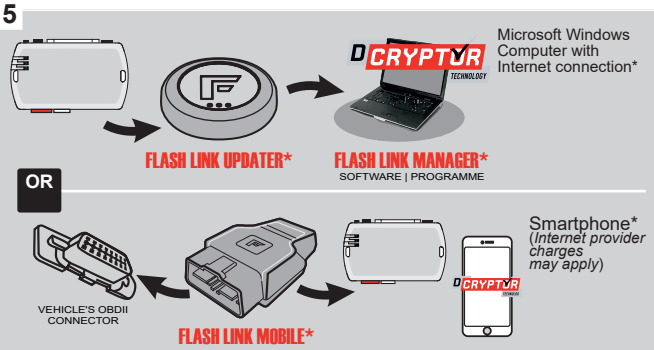


Disconnect all the connectors and after the Data-Link (4-pins) connector.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 4/6

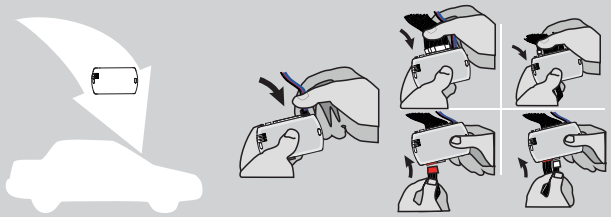
15



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

*Parts required (not included)

16



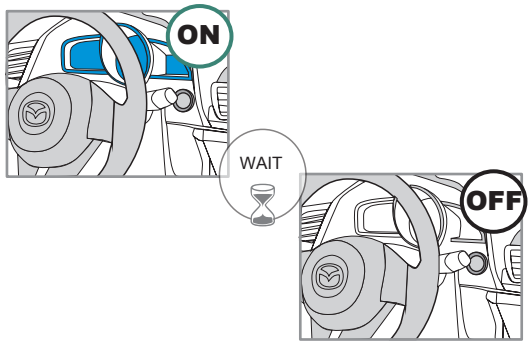
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

1 - 12

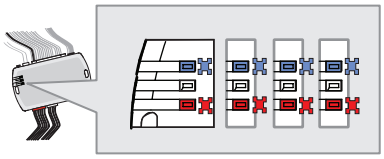
Repeat step 1 to 12.

18



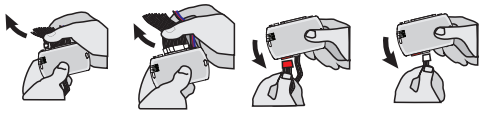
The vehicle's ignition will turn ON

The vehicle's Ignition will turn OFF.



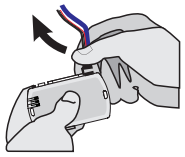
↳ *The Blue and Red LEDs will flash.*

19



Disconnect all Harness

20



Next:

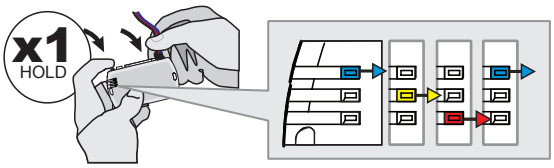
Disconnect the 4-PIN Data-link harness (Black connector).

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 5/6

CAN PROGRAMMING PROCEDURE

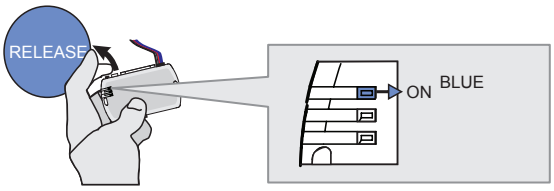
21



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

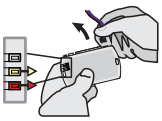
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

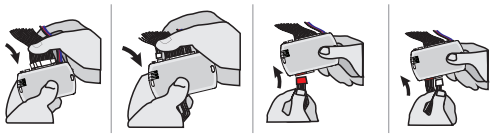


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

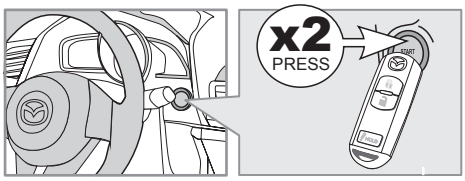


23

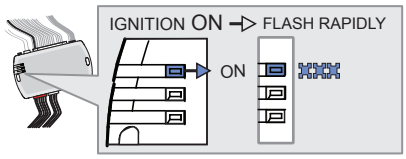


Connect the required remaining harnesses.

24

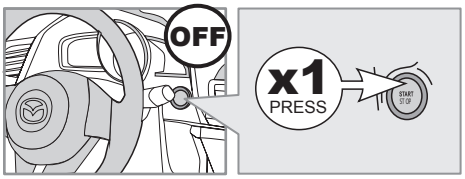


Press the START/STOP button twice to turn ON the vehicle's Ignition.

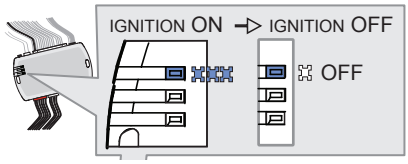


↳ *The Blue LED will flash rapidly.*

25



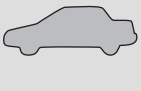
Press the START/STOP button once to turn OFF the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

The module is now programmed.

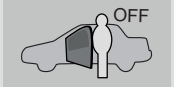
REMOTE STARTER FUNCTIONALITY |



All doors must be closed.

Remote start the vehicle.

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



The module will shut down the vehicle as soon as the drivers door is opened.

Enter the vehicle with the Smart-Key.

Press the brake pedal or the clutch for the manual transmission.

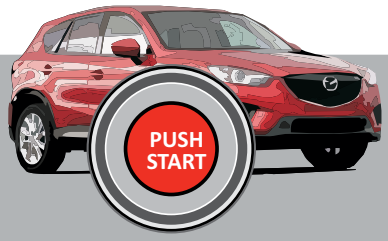
Press the Push-to-Start button to start the vehicle.

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

MAZDA CX5 - T-HARNESS MAZDA

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.



VEHICLE	YEARS	Connection # REMOTE STARTER NO DOORLOCK	REMOTE STARTER & DOORLOCK CONTROL	VEHICLE WITHOUT OEM ALARM	Vehicle functions supported in this diagram (functional if equipped) Immobilizer bypass	Lock	Unlock	Arm	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	Alarm mode
MAZDA																
CX5 *Push-to-Start - AT*	2013-2016	1	2	3	•	•	•	•	•	•	•	•	•	•	•	•

HARDWARE VERSION

MINIMUM **6**

71.[31]

FORD MINIMUM

Parts required (Not included)

1X 10 AMP Fuse
1x Diode 1A
1X 1K Ohm Resistor (with doorlock)

FLASH LINK MANAGER
Software version 3.52 and more

FLASH LINK UPDATER 2

1X

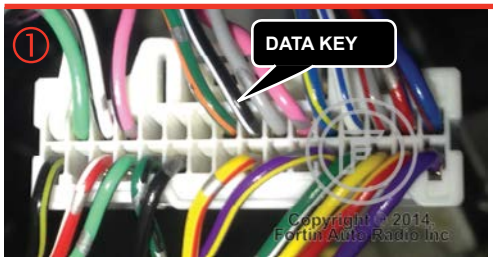
Microsoft Windows Computer &
Internet connection

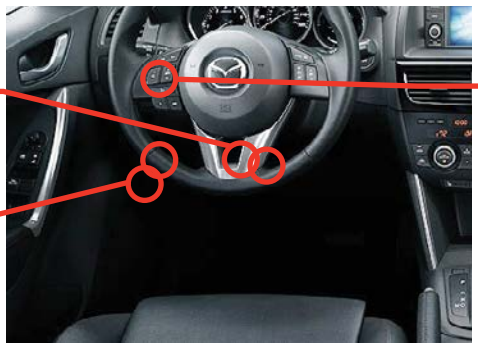
DCRYPTOR TECHNOLOGY

DESCRIPTION

①②

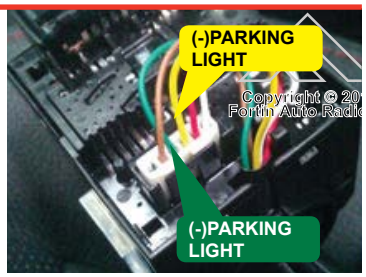
Under steering column, START-STOP unit.





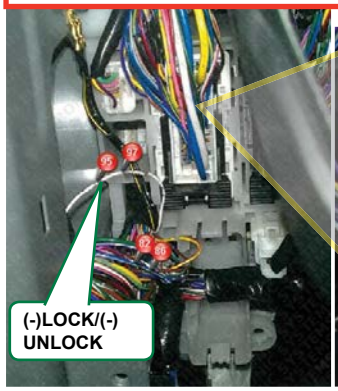
③

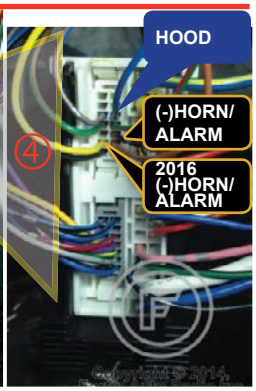
Parking Light connector



④⑤

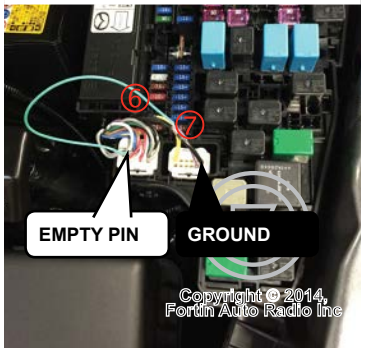
driver kick panel. - DOORLOCK





⑥⑦

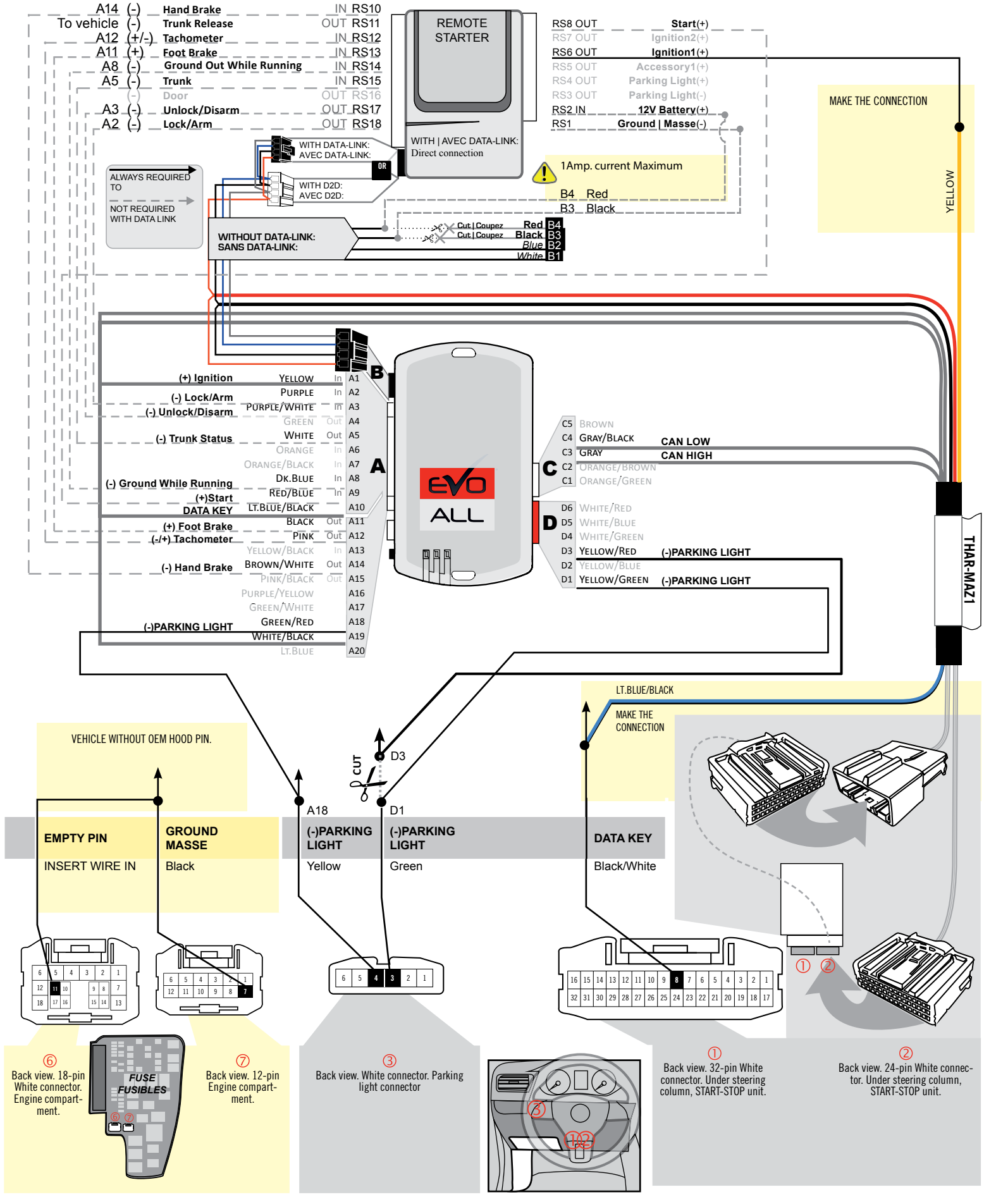
Engine compartment
- without OEM ALARM



FORTIN

CONNECTION 1

REMOTE CAR STARTER ONLY - DOORLOCK BY OEM REMOTE



CONNECTION 2

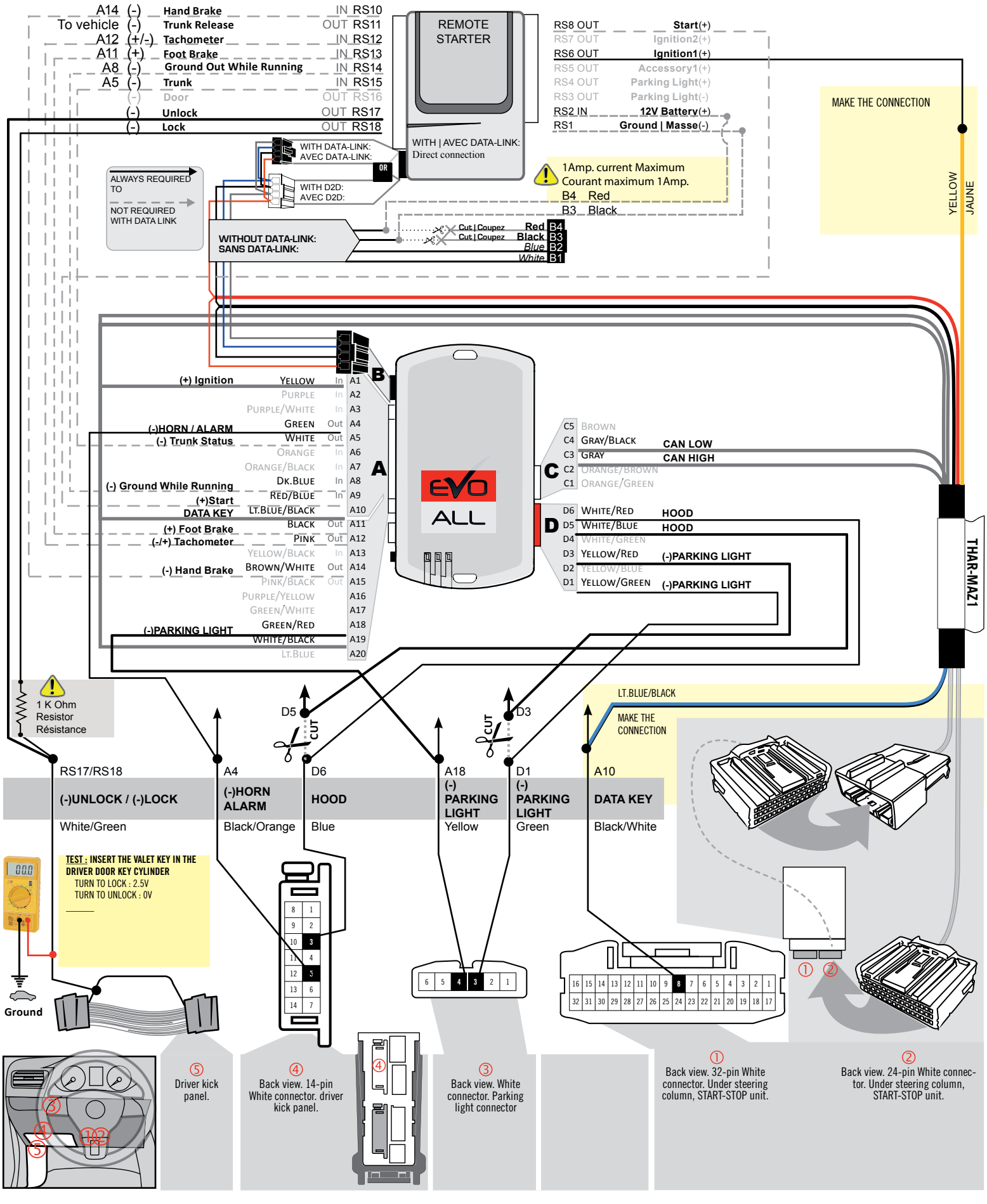
REMOTE CAR STARTER AND DOORLOCK

Program bypass option:	UNIT OPTION	DESCRIPTION
	C1	OEM Remote status (Lock/Unlock) monitoring
	G1	Evo Alarm enable

FORTIN

CONNECTION 2

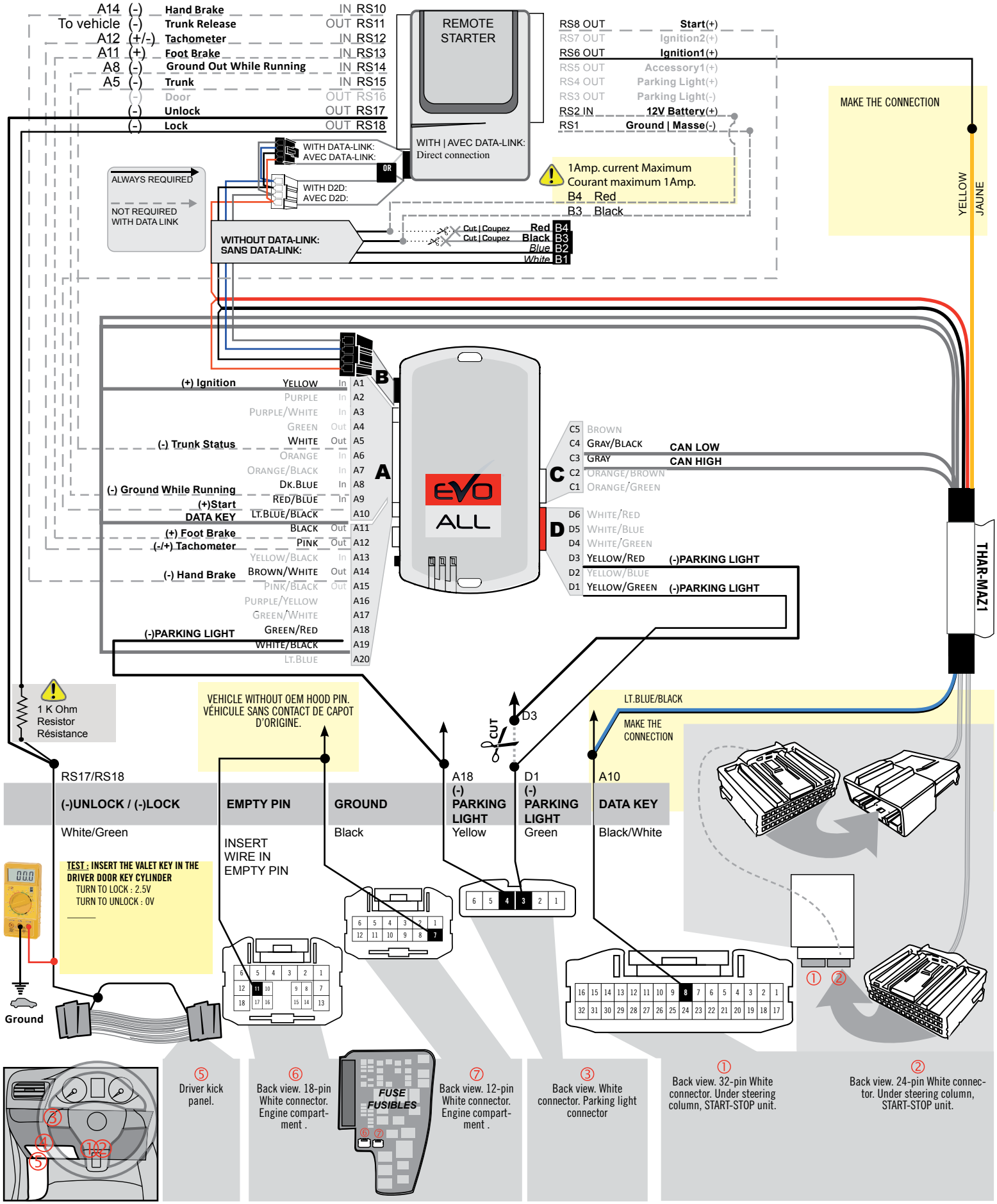
REMOTE CAR STARTER AND DOORLOCK



FORTIN

CONNECTION 3

VEHICLE WITHOUT HOOD PIN AND OEM ALARM



KEY BYPASS PROGRAMMING PROCEDURE 1/5

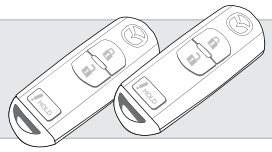
x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

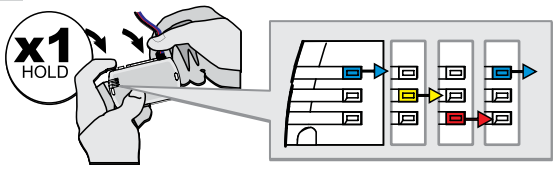
- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



Make sure to have two valide vehicle key.

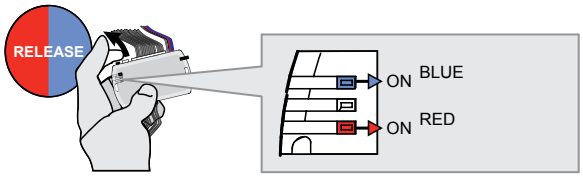
1



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

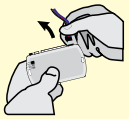
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

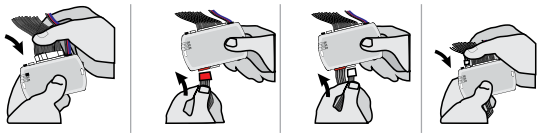


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector) and go back to step1.

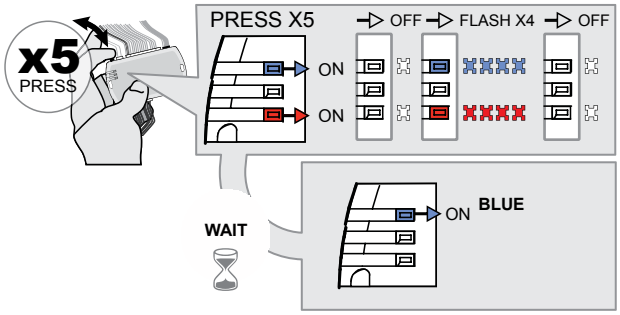


3



Connect the required remaining harnesses.

4

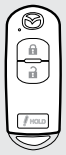


Press and release the programming button five times (5x).

↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

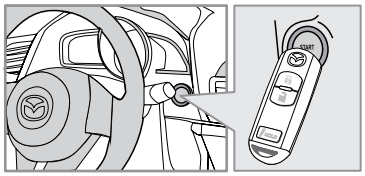
↳ ***Wait** for the Blue LED to turn ON.*

KEY BYPASS PROGRAMMING PROCEDURE 2/5 |



KEY#1

5



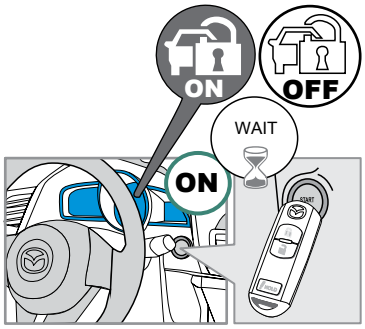
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

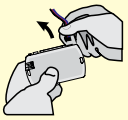
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



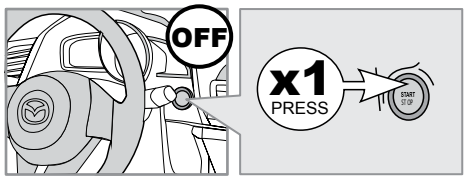
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



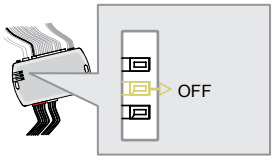
Wait for the security indicator to turn OFF (around 3 seconds).

8

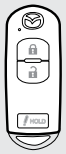
IMMEDIATELY



Press the START/STOP button once to deactivate the vehicle's Ignition.

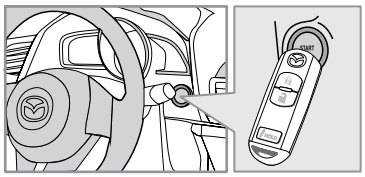


↳ *The Yellow Led will turn OFF.*



KEY#2

9



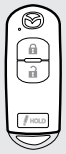
Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

Press the START/STOP button twice to activate the vehicle's Ignition.

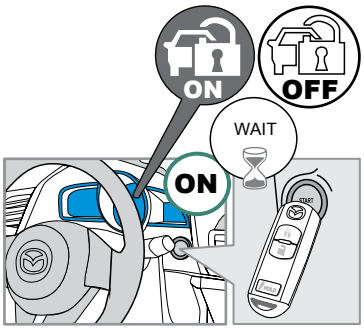
↳ *The Yellow LED will turn ON.*

KEY BYPASS PROGRAMMING PROCEDURE 3/5



KEY#2

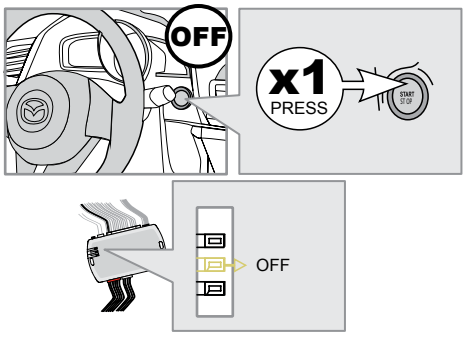
11



Wait for the security indicator to turn OFF (around 3 seconds).

12

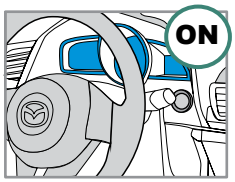
IMMEDIATELY



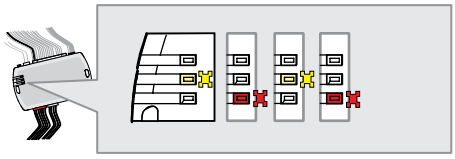
Press the START/STOP button once to deactivate the vehicle's Ignition.

↳ *The Yellow Led will turn OFF.*

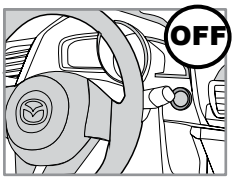
13



The vehicle's ignition will turn ON

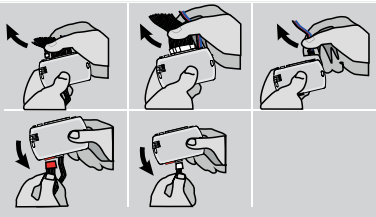


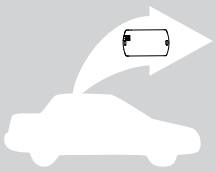
↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

14

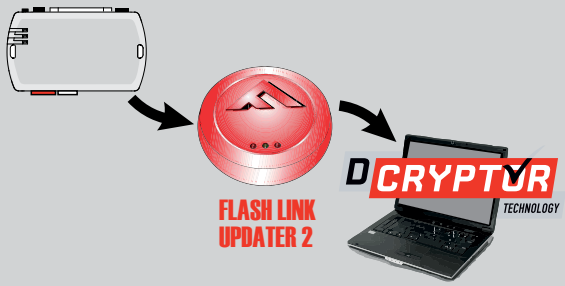




Disconnect the Data-Link (4-pins) connector and after all the remaining connectors.

KEY BYPASS PROGRAMMING PROCEDURE 4/5

15



Connect the module to the FLASH LINK UPDATER 2 and **visit** the DCryptor menu in the Flash-Link Manager.

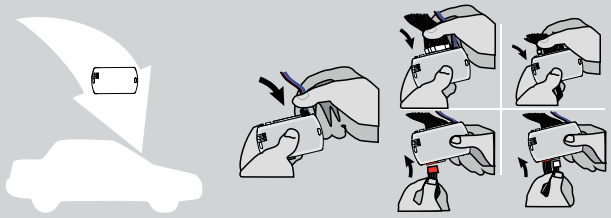
Parts required (not included)

FLASH LINK UPDATER 2

FLASH LINK MANAGER
SOFTWARE | PROGRAMME

Microsoft Windows Computer with Internet connection

16



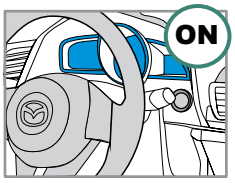
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

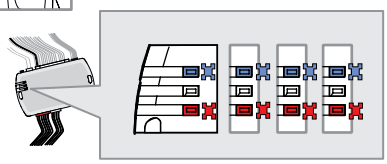
1 - 12

Repeat step 1 to 12.

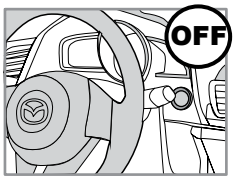
18



The vehicle's ignition will turn ON

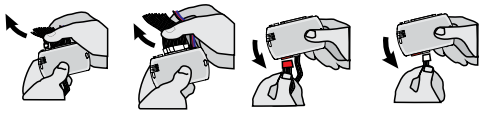


↳ *The Blue and Red LEDs will flash.*



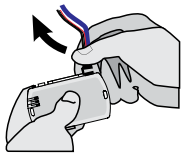
The vehicle's Ignition will turn OFF.

19



Disconnect all Harness

20



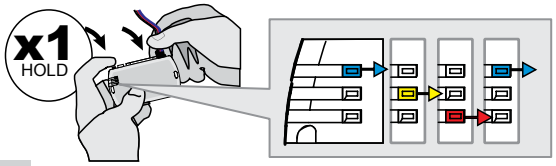
Disconnect the 4-PIN Data-link harness (Black connector).

KEY BYPASS PROGRAMMING PROCEDURE 5/5

CAN PROGRAMMING PROCEDURE

21

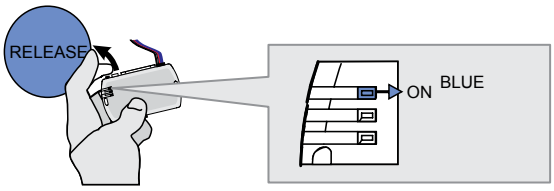
CAUTION FOR: EVO-ALARM OPTION
If the module GREEN (A4) wire is connected to the HORN make sure that the option G1 (EVO-ALARM) is enabled before CAN programming.



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

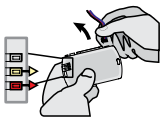
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

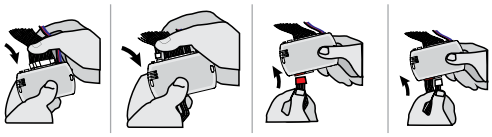


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

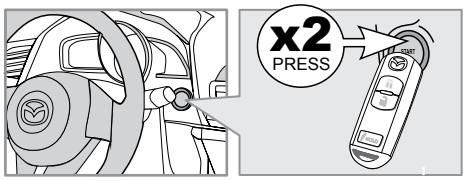


23

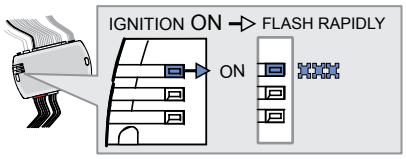


Connect the required remaining harnesses.

24

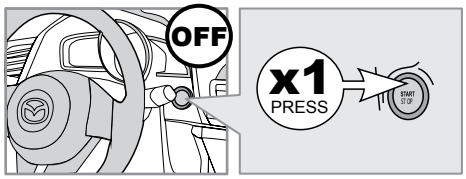


Press the START/STOP button twice to activate the vehicle's Ignition.

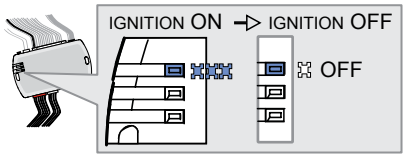


↳ *The Blue LED will flash rapidly.*

25



Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

The module is now programmed.

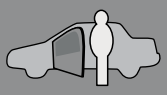
REMOTE STARTER FUNCTIONALITY

All doors must be closed.

Do not remote-start with the OEM remote inside the vehicle.

Never remote-start with a passenger inside the vehicle.

Remote start the vehicle.



The module will shut down the vehicle as soon as a door is opened.

THAR-MAZ1 THARNESS INSTALLATION WITH 2 KEYS PROGRAMMING

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	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
MAZDA														
CX-5 *Push-to-Start - Automatic transmission only*	2013-2016	•	•	•	•	•	•	•	•	•	•	•	•	•

85.[11]
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

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

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.

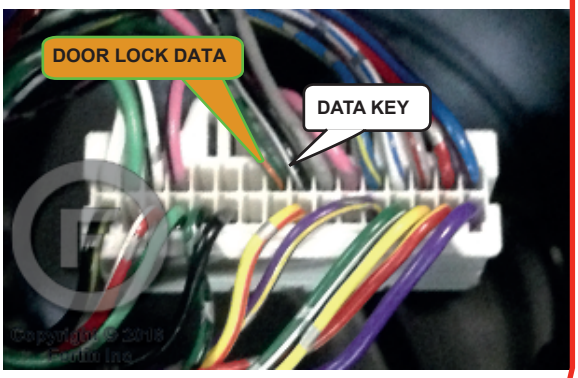
A11	**OFF**

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

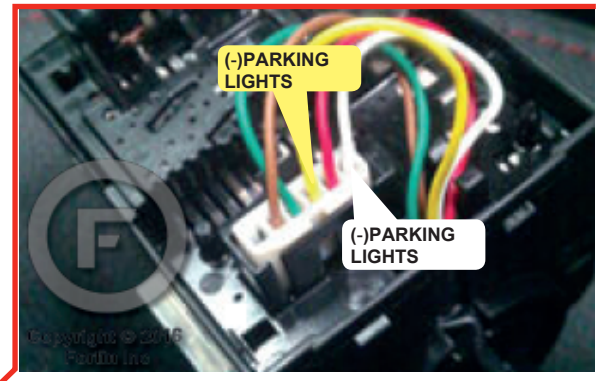
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

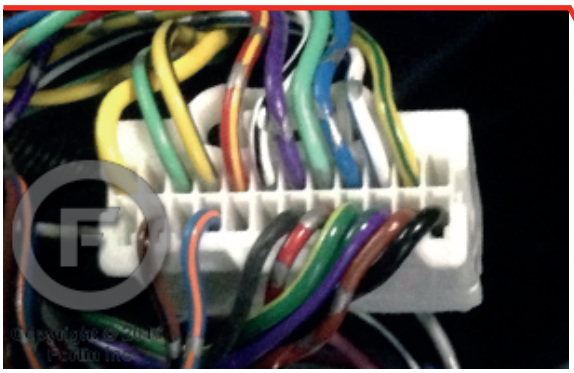
① Under steering column, START-STOP unit



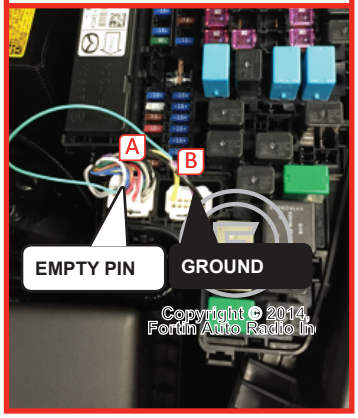
③ At parking lights switch



② Under steering column, START-STOP unit



④ Engine compartment
- without OEM ALARM

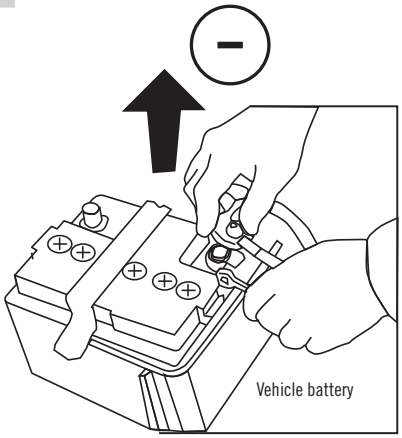


ATTENTION

Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect the negative terminal from the vehicle's battery.

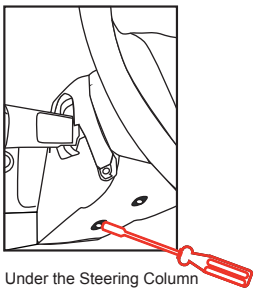
In these vehicles, the factory keyless entry module is sensitive to interference and may cease to operate if some precautions are not taken. Disconnect the (-) terminal of the battery prior to disconnecting the connectors at the smartkey module below the steering wheel to avoid damage to the smartkey entry module.

1

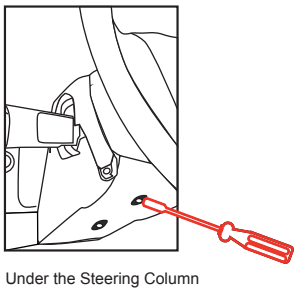


Disconnect the (-) terminal of the battery.

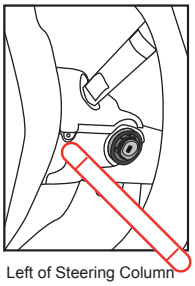
2


Under the Steering Column

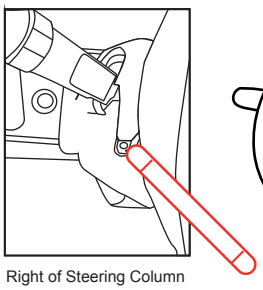
1 Unscrew.


Under the Steering Column

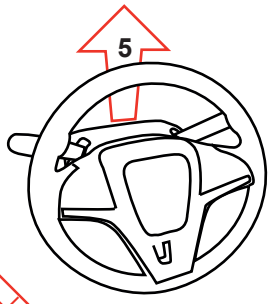
2 Unscrew


Left of Steering Column

3 Onclip


Right of Steering Column

4 Onclip



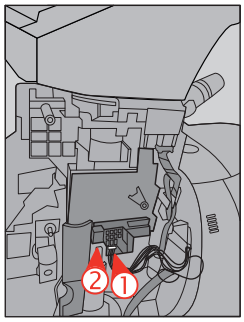
5 Gently pull up the cover of the steering column.

3

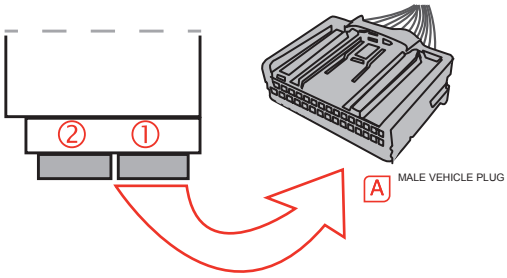
Make the following connections.

CONTINUED NEXT PAGE

4



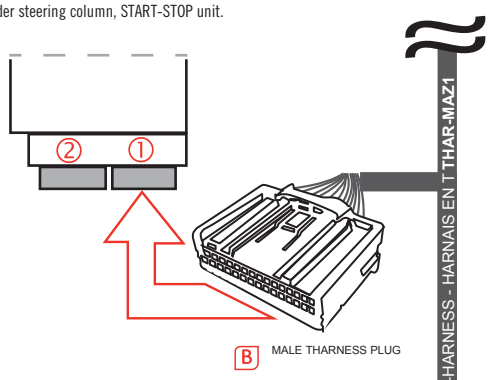
Under steering column, START-STOP unit.



Disconnect the connector
A

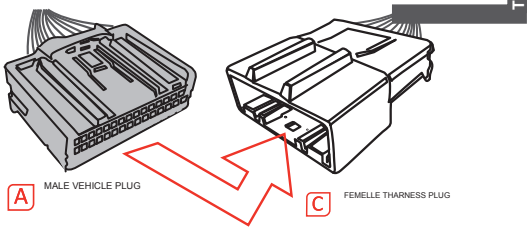
5

Under steering column, START-STOP unit.



Connect the connector
B

6



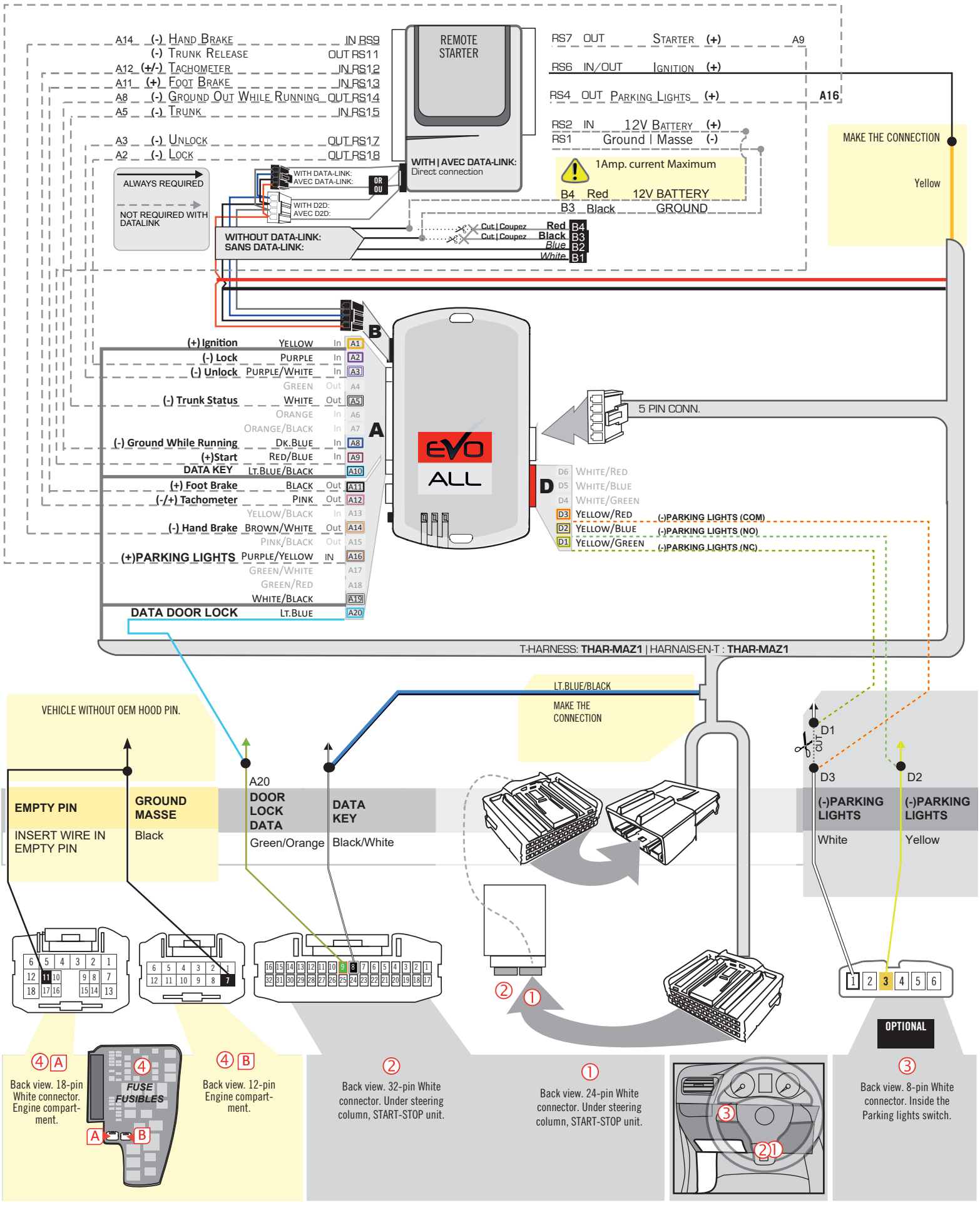
Connect the connector
A
into connector
C

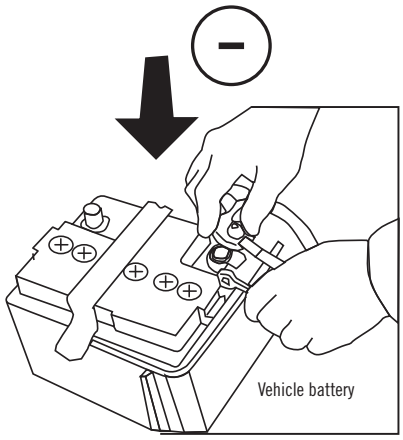
7

Make other required connections.

CONTINUED NEXT PAGE

AUTOMATIC TRANSMISSION WIRING CONNECTION





Reconnect the (-) terminal of the battery.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 1/6

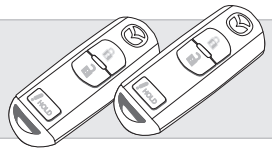
x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

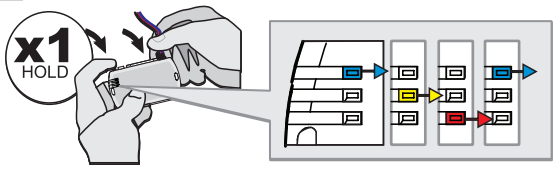
- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



Make sure to have two valide vehicle key.

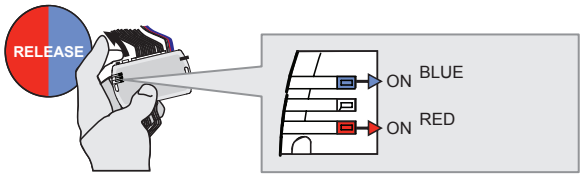
1



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

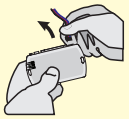
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

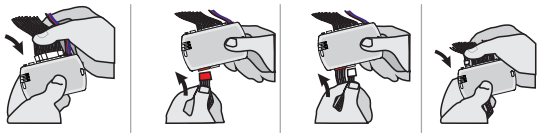


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector) and go back to step1.

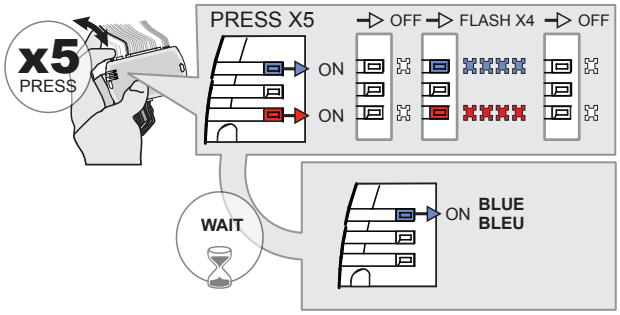


3



Connect the required remaining harnesses.

4



Press and release the programming button five times (5x).

↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

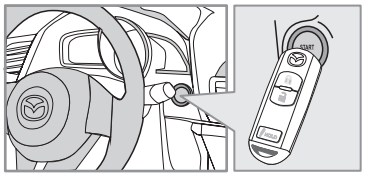
↳ ***Wait** for the Blue LED to turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 2/5

KEY#1

5



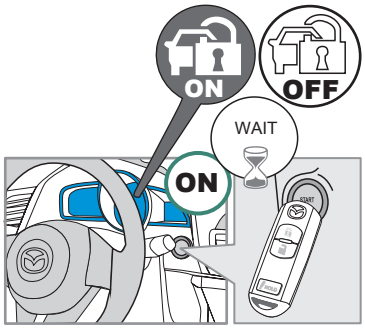
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

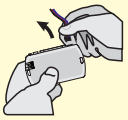
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



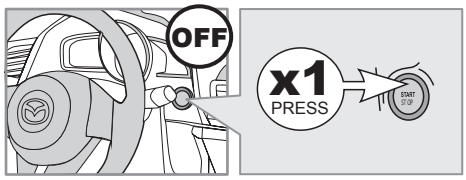
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



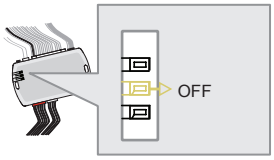
Wait for the security indicator to turn OFF (around 3 seconds).

8

IMMEDIATELY



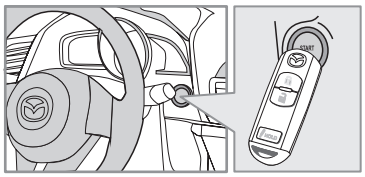
Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Yellow Led will turn OFF.*

KEY#2

9



Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

Press the START/STOP button twice to activate the vehicle's Ignition.

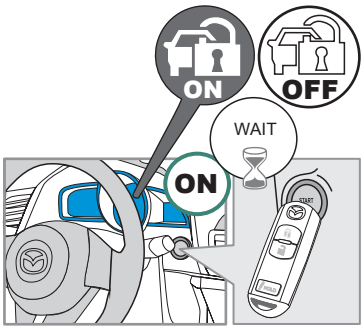
↳ *The Yellow LED will turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 3/6

11

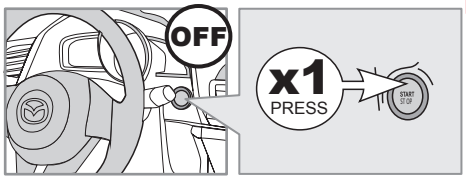
KEY#2



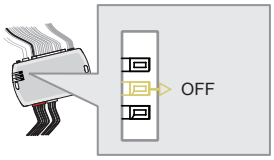
Wait for the security indicator to turn OFF (around 3 seconds).

12

IMMEDIATELY

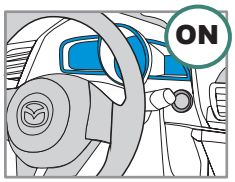


Press the START/STOP button once to deactivate the vehicle's Ignition.

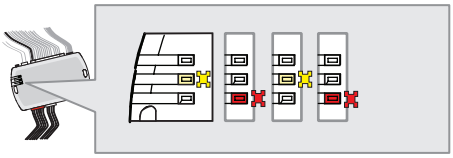


↳ *The Yellow Led will turn OFF.*

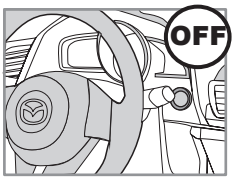
13



The vehicle's ignition will turn ON

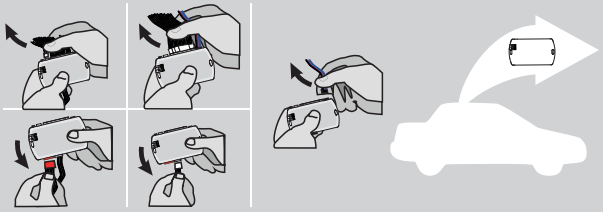


↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

14

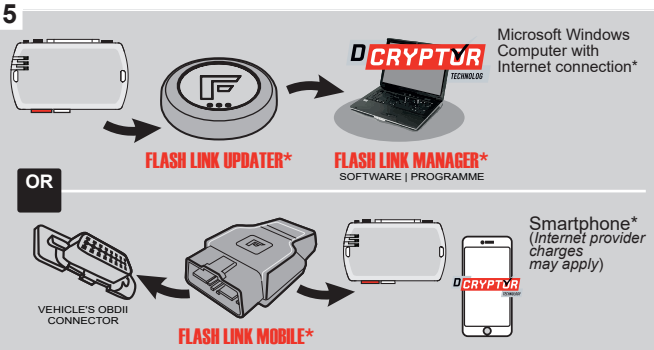


Disconnect all the connectors and after the Data-Link (4-pins) connector.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 4/6

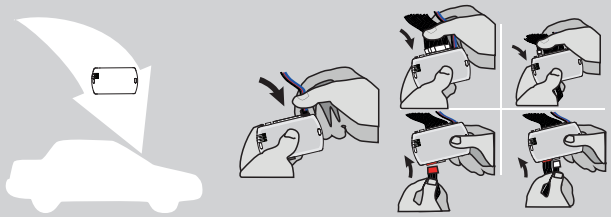
15



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

*Parts required (not included)

16



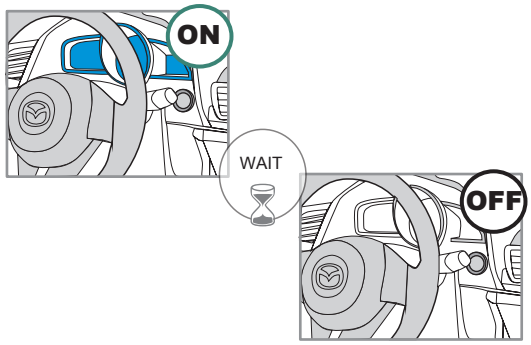
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

1 - 12

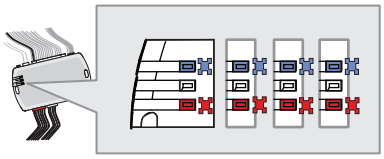
Repeat step 1 to 12.

18



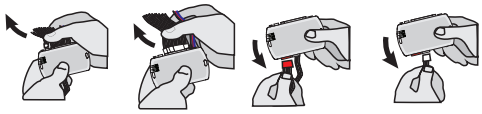
The vehicle's ignition will turn ON

The vehicle's Ignition will turn OFF.



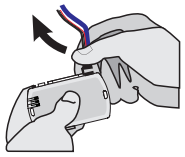
↳ *The Blue and Red LEDs will flash.*

19



Disconnect all Harness

20



Next:

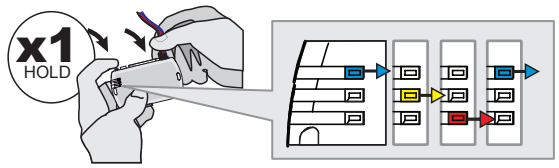
Disconnect the 4-PIN Data-link harness (Black connector).

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 5/6

CAN PROGRAMMING PROCEDURE

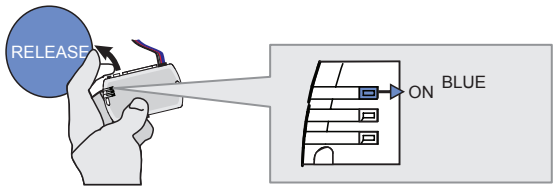
21



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

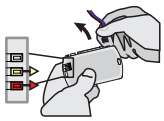
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

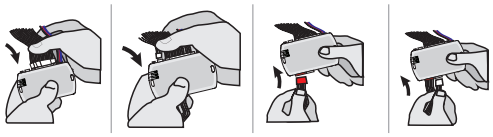


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

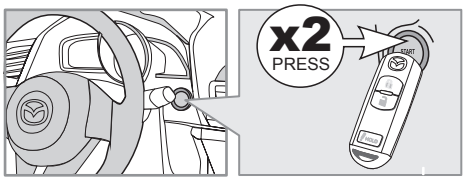


23

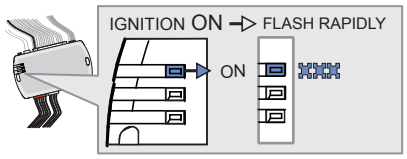


Connect the required remaining harnesses.

24

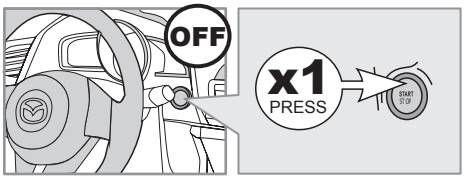


Press the START/STOP button twice to turn ON the vehicle's Ignition.

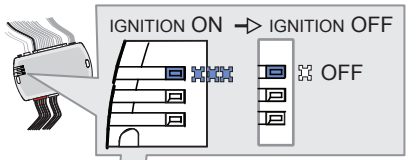


↳ *The Blue LED will flash rapidly.*

25



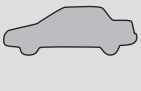
Press the START/STOP button once to turn OFF the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

The module is now programmed.

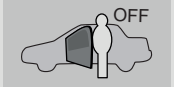
REMOTE STARTER FUNCTIONALITY |



All doors must be closed.

Remote start the vehicle.

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



The module will shut down the vehicle as soon as the drivers door is opened.

Enter the vehicle with the Smart-Key.

Press the brake pedal or the clutch for the manual transmission.

Press the Push-to-Start button to start the vehicle.

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

THAR-MAZ1 THARNESS INSTALLATION WITH 2 KEYS PROGRAMMING

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	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
MAZDA														
CX-5 *Push-to-Start - Automatic transmission only*	2017-2020	•	•	•	•	•	•	•	•	•	•	•	•	•

85.[11]
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

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

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.

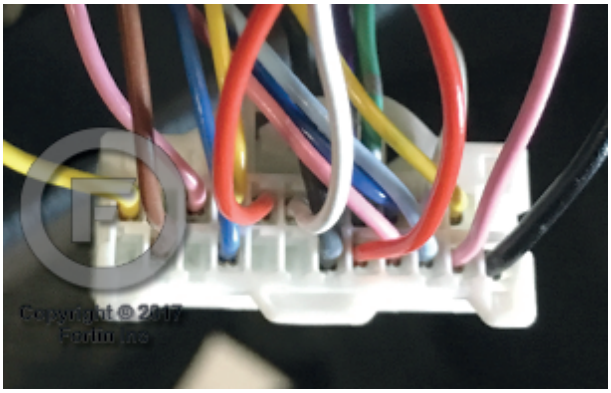
A11	**OFF**

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

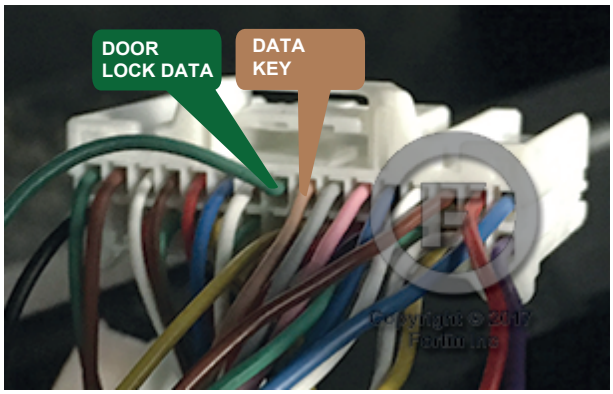
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

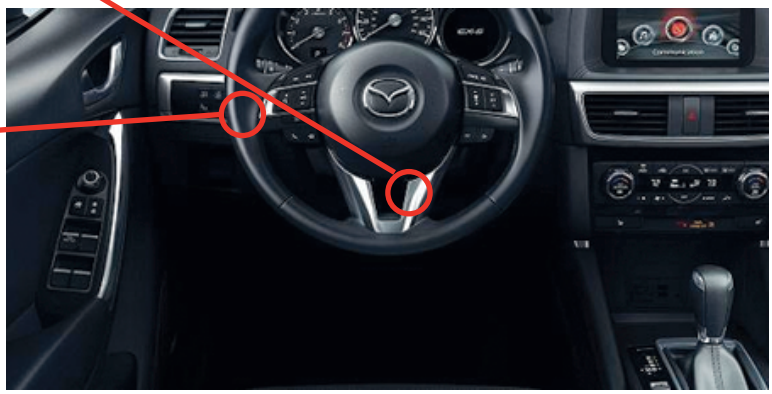
① Under steering column, START-STOP unit.

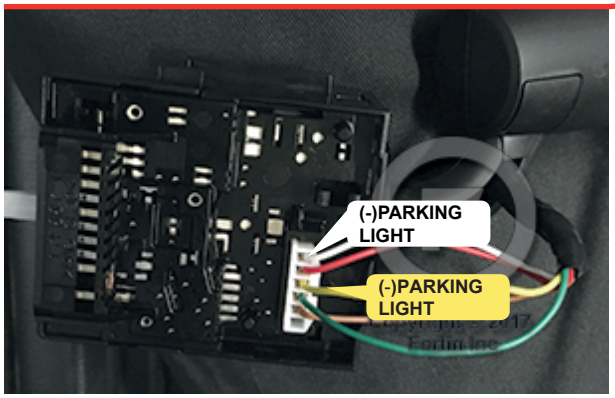


② Under steering column, START-STOP unit.

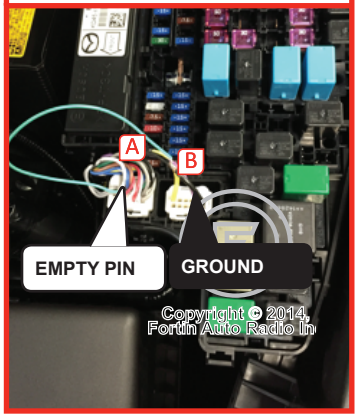


③ Inside the Parking Light switch





④ Engine compartment - without OEM ALARM

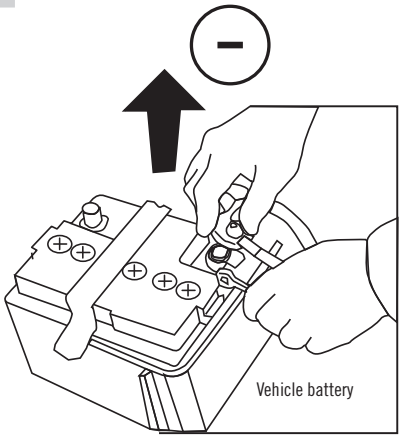


ATTENTION

Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect the negative terminal from the vehicle's battery.

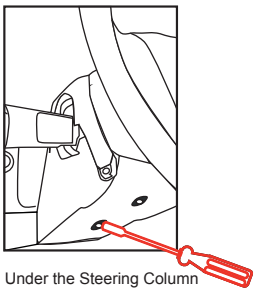
In these vehicles, the factory keyless entry module is sensitive to interference and may cease to operate if some precautions are not taken. Disconnect the (-) terminal of the battery prior to disconnecting the connectors at the smartkey module below the steering wheel to avoid damage to the smartkey entry module.

1

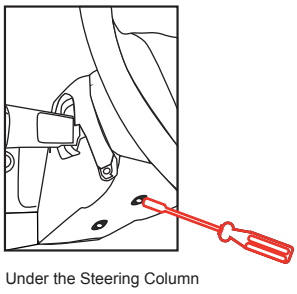


Disconnect the (-) terminal of the battery.

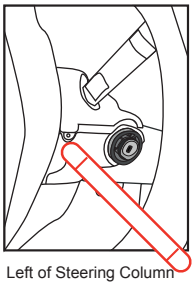
2


Under the Steering Column

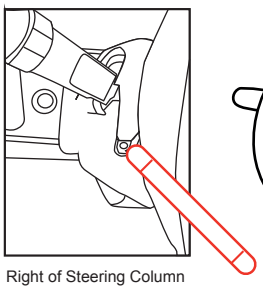
1 Unscrew.


Under the Steering Column

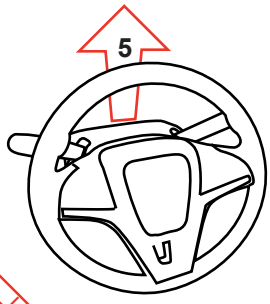
2 Unscrew


Left of Steering Column

3 Onclip


Right of Steering Column

4 Onclip



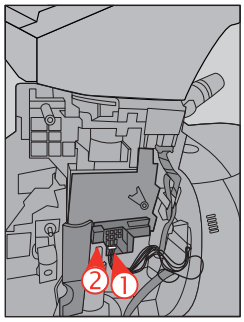
5 Gently pull up the cover of the steering column.

3

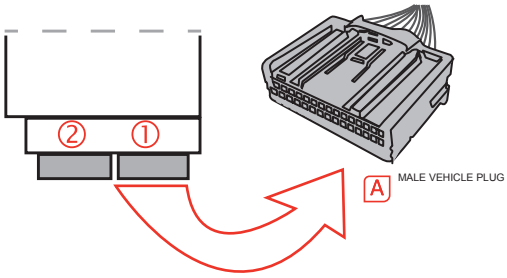
Make the following connections.

CONTINUED NEXT PAGE

4



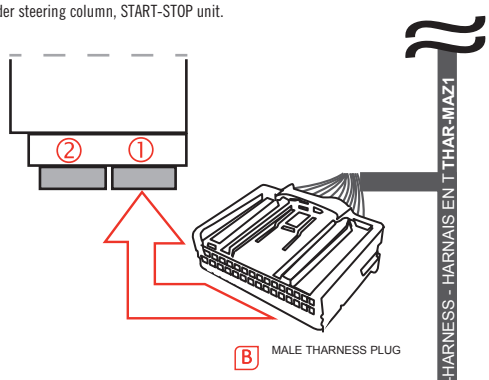
Under steering column, START-STOP unit.



Disconnect the connector
A

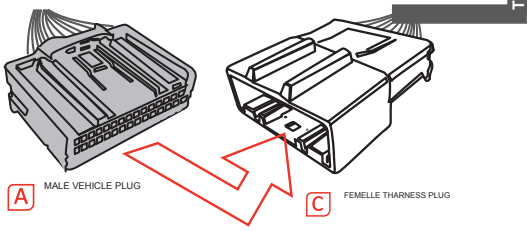
5

Under steering column, START-STOP unit.



Connect the connector
B

6



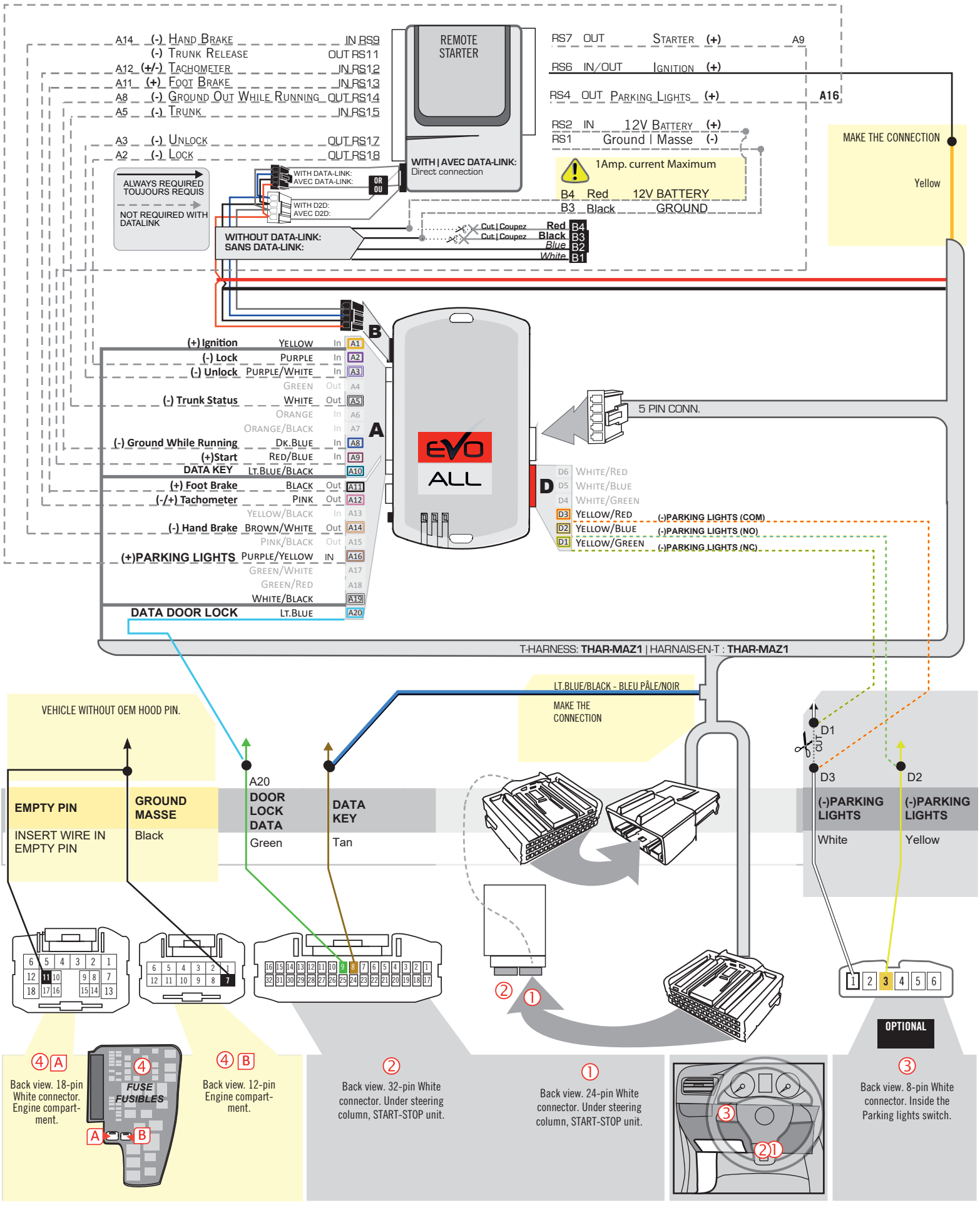
Connect the connector
A
into connector
C

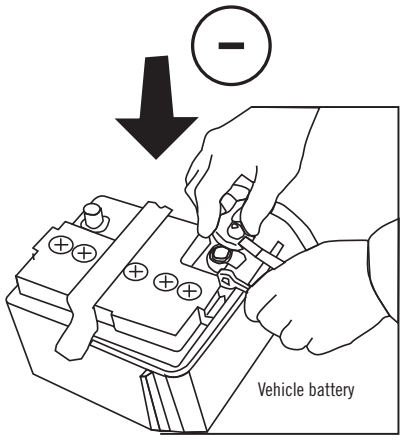
7

Make other required connections.

CONTINUED NEXT PAGE

AUTOMATIC TRANSMISSION WIRING CONNECTION





Reconnect the (-) terminal of the battery.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 1/6

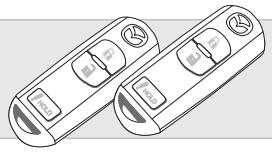
x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

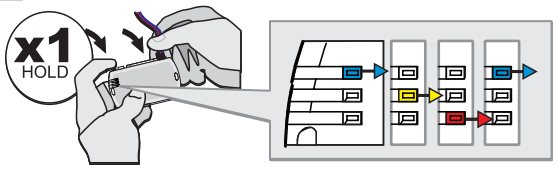
- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



Make sure to have two valide vehicle key.

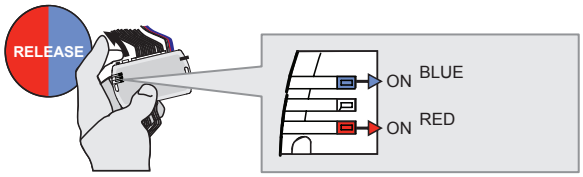
1



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

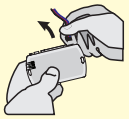
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

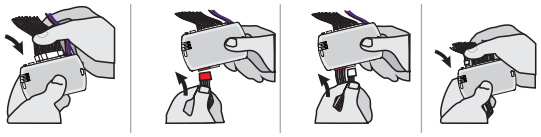


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector) and go back to step1.

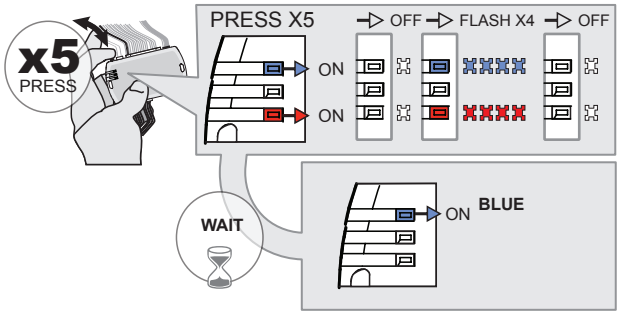


3



Connect the required remaining harnesses.

4



Press and release the programming button five times (5x).

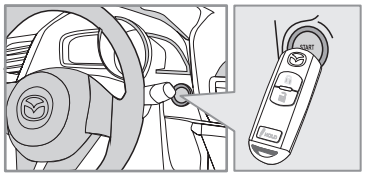
↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

↳ ***Wait** for the Blue LED to turn ON.*

KEY BYPASS PROGRAMMING PROCEDURE 2/5

KEY#1

5



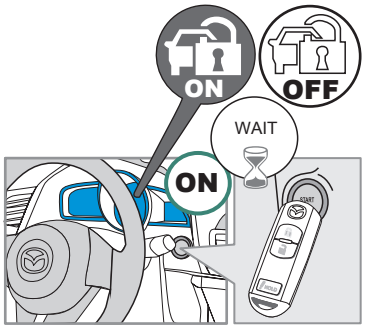
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

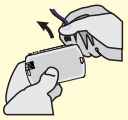
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



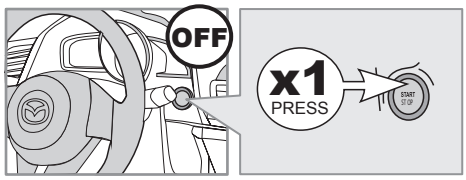
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



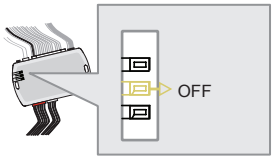
Wait for the security indicator to turn OFF (around 3 seconds).

8

IMMEDIATELY



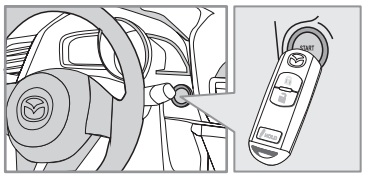
Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Yellow Led will turn OFF.*

KEY#2

9



Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

Press the START/STOP button twice to activate the vehicle's Ignition.

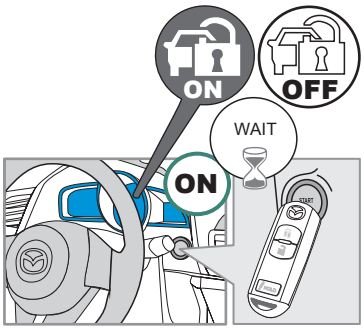
↳ *The Yellow LED will turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 3/6

11

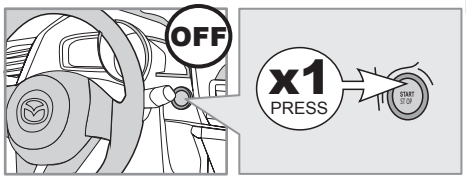
KEY#2



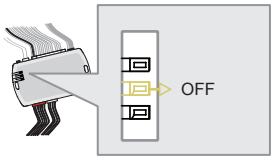
Wait for the security indicator to turn OFF (around 3 seconds).

12

IMMEDIATELY

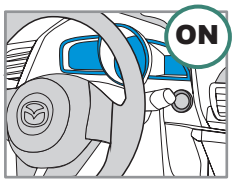


Press the START/STOP button once to deactivate the vehicle's Ignition.

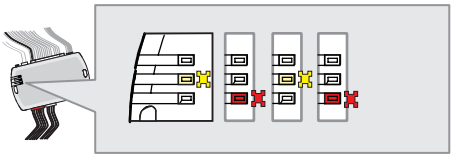


↳ *The Yellow Led will turn OFF.*

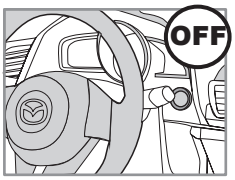
13



The vehicle's ignition will turn ON

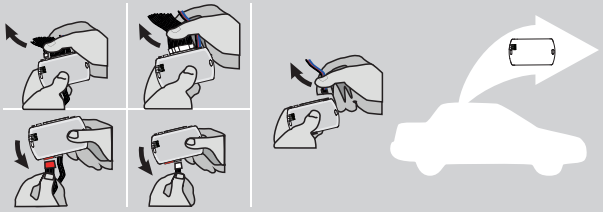


↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

14

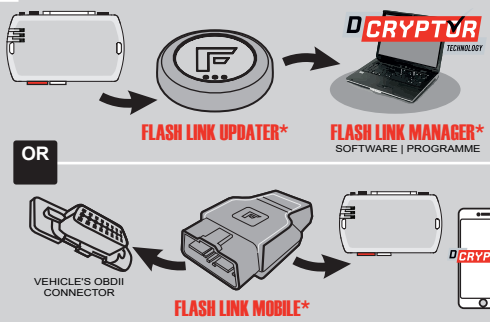


Disconnect all the connectors and after the Data-Link (4-pins) connector.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 4/6

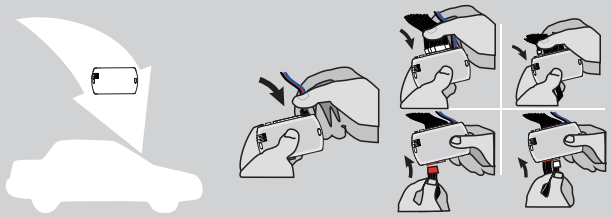
15



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

*Parts required (not included)

16



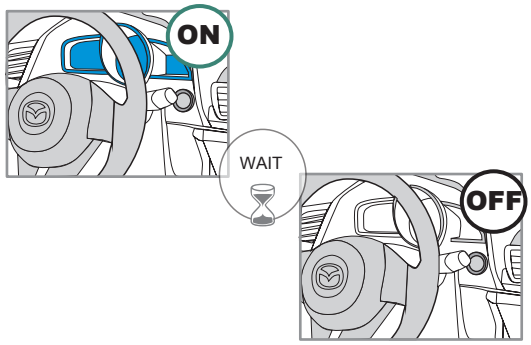
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

1 - 12

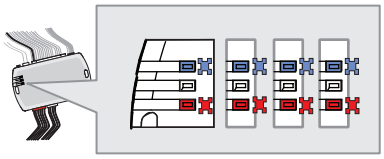
Repeat step 1 to 12.

18



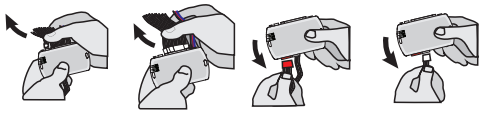
The vehicle's ignition will turn ON

The vehicle's Ignition will turn OFF.



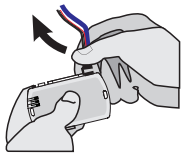
↳ *The Blue and Red LEDs will flash.*

19



Disconnect all Harness

20



Next:

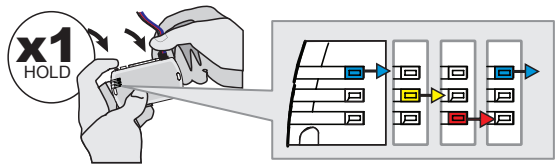
Disconnect the 4-PIN Data-link harness (Black connector).

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 5/6

CAN PROGRAMMING PROCEDURE

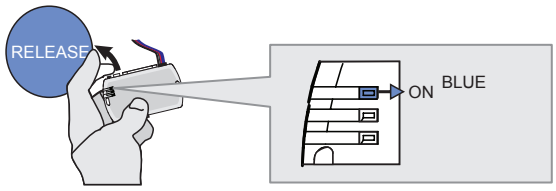
21



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

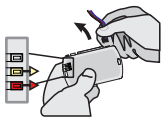
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

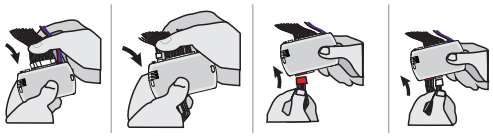


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

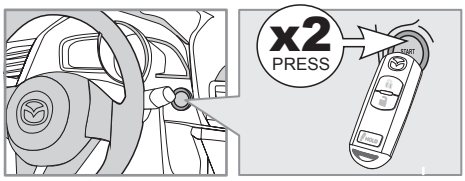


23

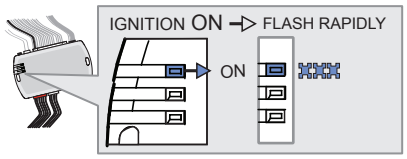


Connect the required remaining harnesses.

24

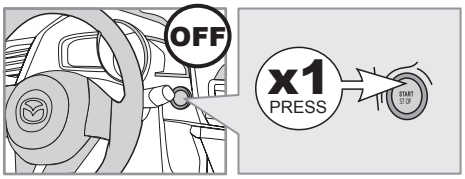


Press the START/STOP button twice to turn ON the vehicle's Ignition.

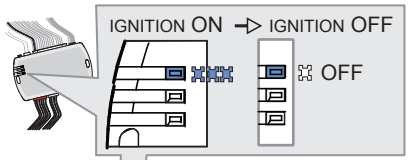


↳ *The Blue LED will flash rapidly.*

25



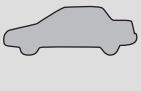
Press the START/STOP button once to turn OFF the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

The module is now programmed.

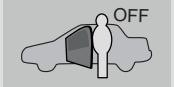
REMOTE STARTER FUNCTIONALITY |



All doors must be closed.

Remote start the vehicle.

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



The module will shut down the vehicle as soon as the drivers door is opened.

Enter the vehicle with the Smart-Key.

Press the brake pedal or the clutch for the manual transmission.

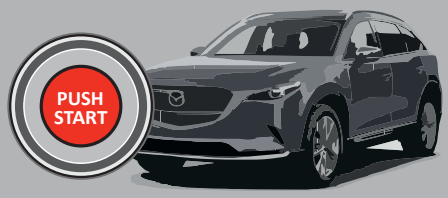
Press the Push-to-Start button to start the vehicle.

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

THAR-MAZ1 THARNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.



VEHICLE		YEARS	Connection # REMOTE STARTER NO DOORLOCK	Connection # REMOTE STARTER & DOOR-LOCK CONTROL	Vehicle functions supported in this diagram (functional if equipped): Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	Alarm mode
MAZDA																	
CX9	*Push-to-Start - Automatic transmission*	2016	1	2	•	•	•	•	•	•	•	•	•	•	•	•	•

HARDWARE VERSION

MINIMUM **6**

FIRMWARE VERSION

71.[35]

FORD MINIMUM

Parts required (Not included)

1X 1K Ohm Resistor (with doorlock)

FLASH LINK MANAGER
Software version 3.54 and more

FLASH LINK UPDATER 2

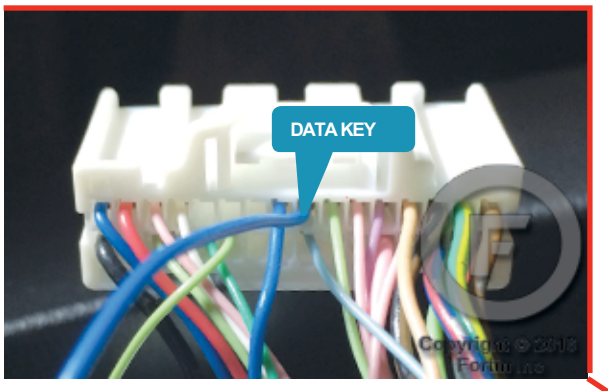
1X

Microsoft Windows Computer &
Internet connection

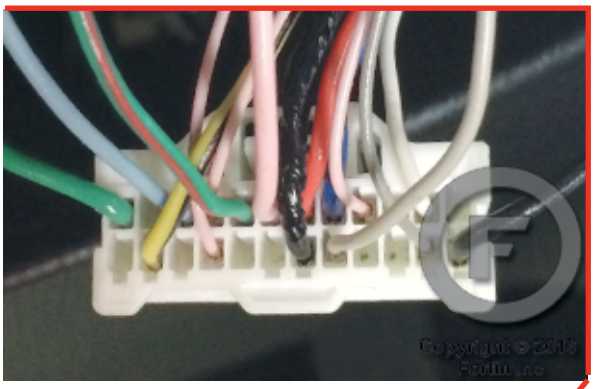
DCRYPTOR TECHNOLOGY

DESCRIPTION

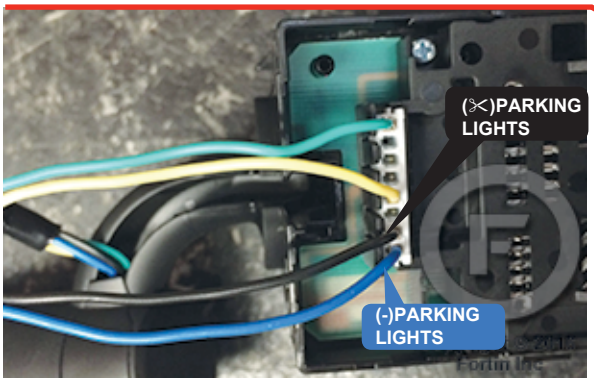
① Under steering column, START-STOP unit

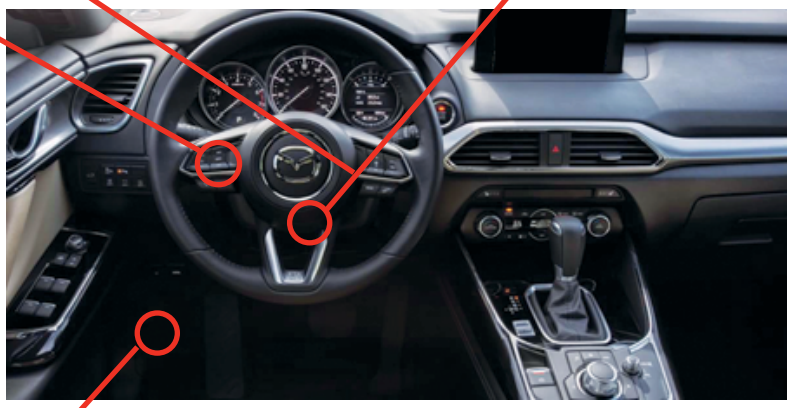


② Under steering column, START-STOP unit

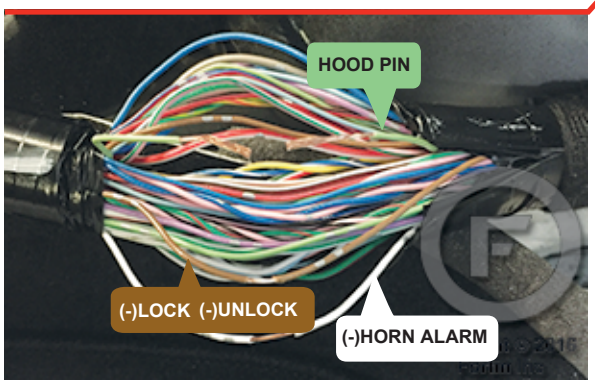


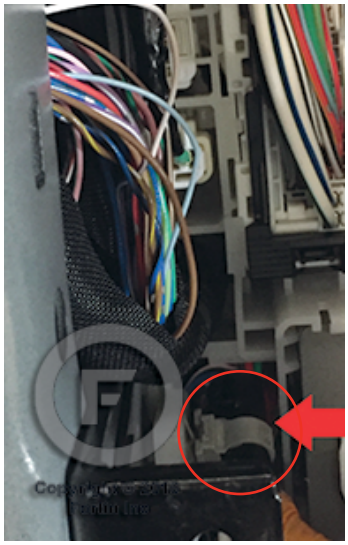
③ At parking lights switch





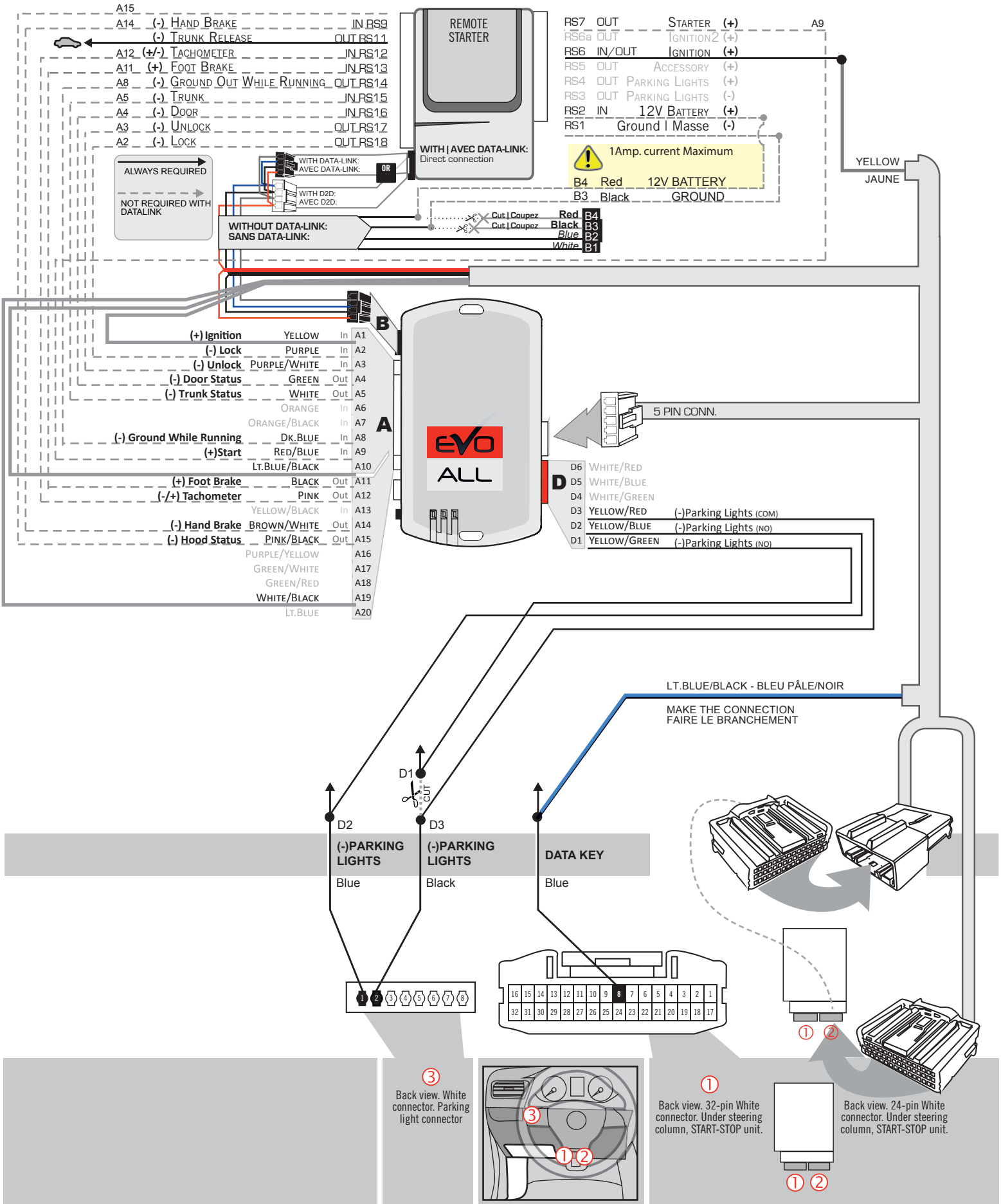
④ Harness in driver kick panel





CONNECTION 1

REMOTE CAR STARTER ONLY - DOORLOCK BY OEM REMOTE



CONNECTION 2

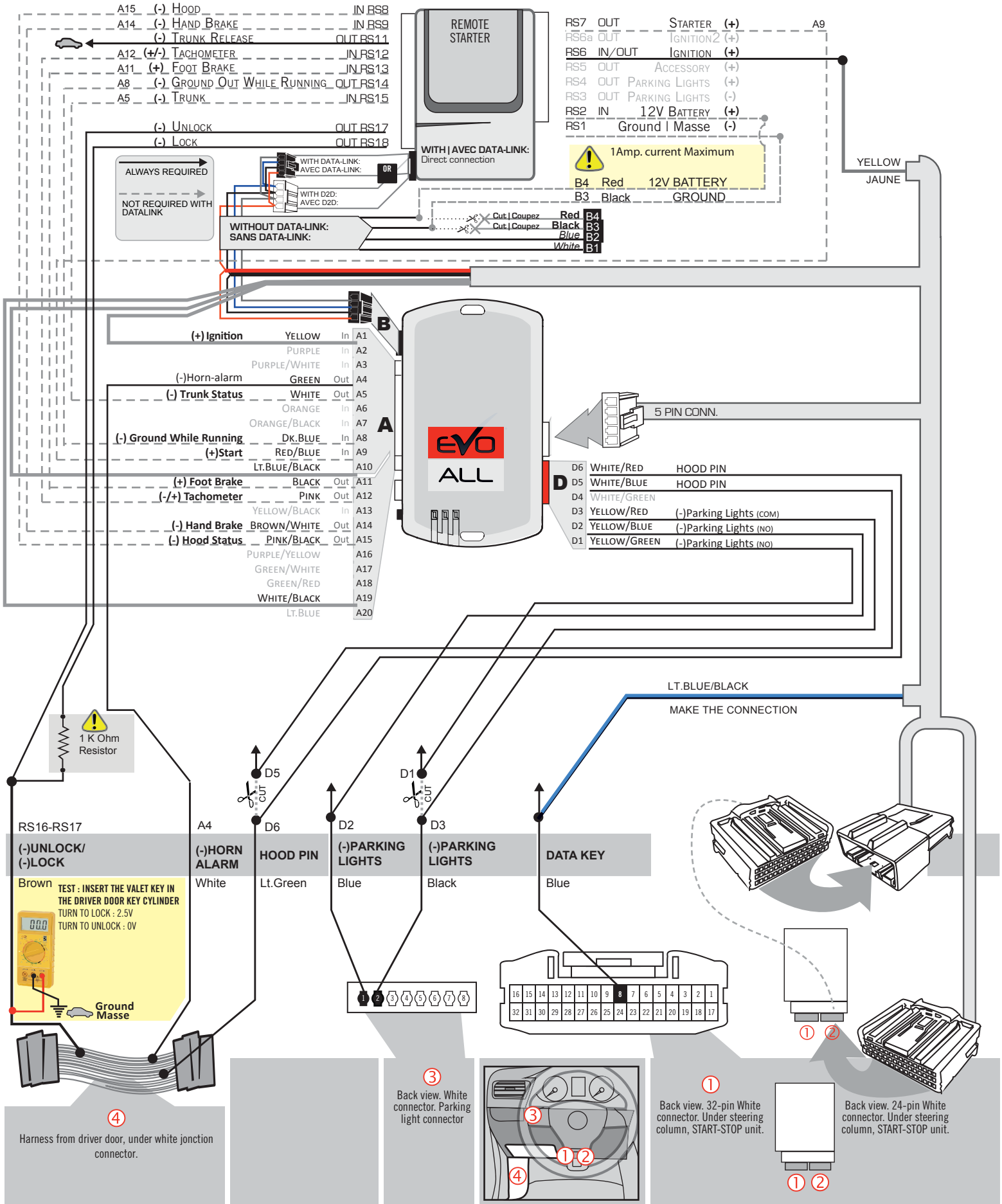
REMOTE CAR STARTER AND DOORLOCK

Program bypass option:

UNIT OPTION	DESCRIPTION
C1	OEM Remote status (Lock/Unlock) monitoring
G1	Evo Alarm enable

CONNECTION 2

REMOTE CAR STARTER AND DOORLOCK



④ Harness from driver door, under white jonction connector.

③ Back view. White connector. Parking light connector

① Back view. 32-pin White connector. Under steering column, START-STOP unit.

① ② Back view. 24-pin White connector. Under steering column, START-STOP unit.

KEY BYPASS PROGRAMMING PROCEDURE 1/5

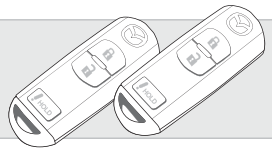
x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

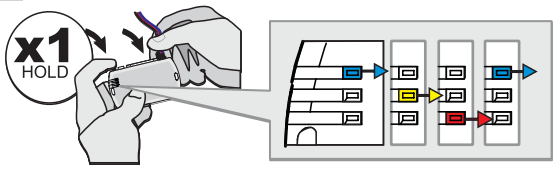
- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



Make sure to have two valide vehicle key.

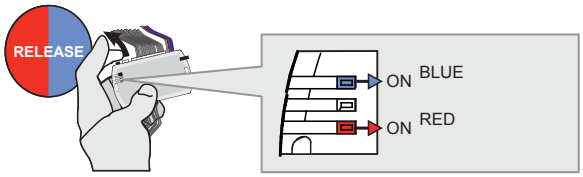
1



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

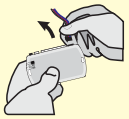
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

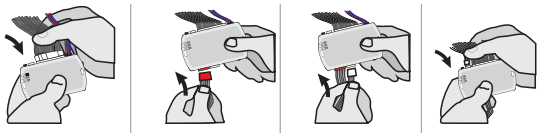


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector) and go back to step1.

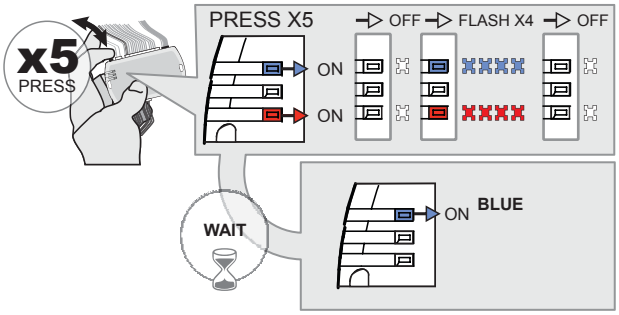


3



Connect the required remaining harnesses.

4



Press and release the programming button five times (5x).

↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

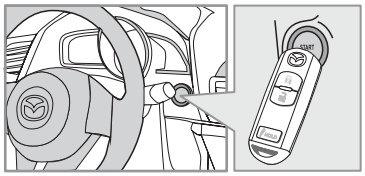
↳ ***Wait** for the Blue LED to turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 2/5

KEY#1

5



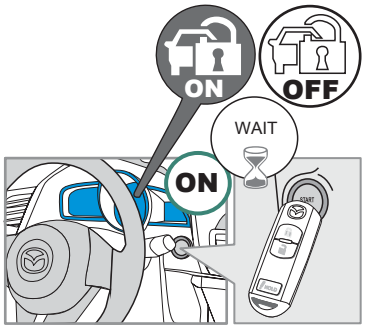
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

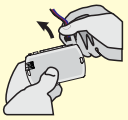
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



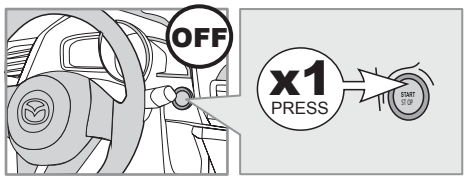
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



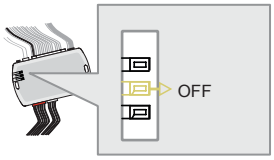
Wait for the security indicator to turn OFF (around 3 seconds).

8

IMMEDIATELY



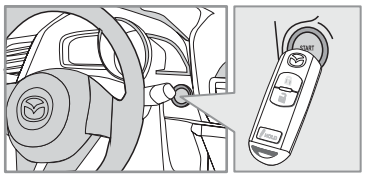
Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Yellow Led will turn OFF.*

KEY#2

9



Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

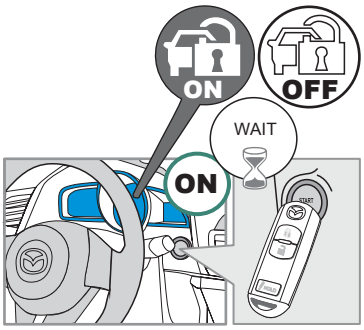
s'allumera.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 3/5

KEY#2

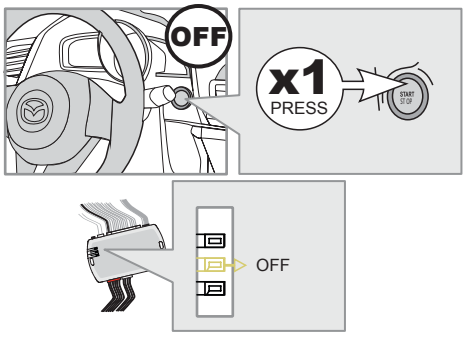
11



Wait for the security indicator to turn OFF (around 3 seconds).

12

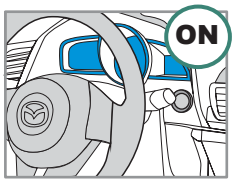
IMMEDIATELY



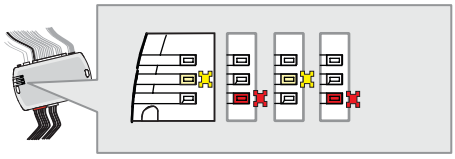
Press the START/STOP button once to deactivate the vehicle's Ignition.

↳ *The Yellow Led will turn OFF.*

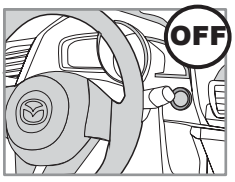
13



The vehicle's ignition will turn ON

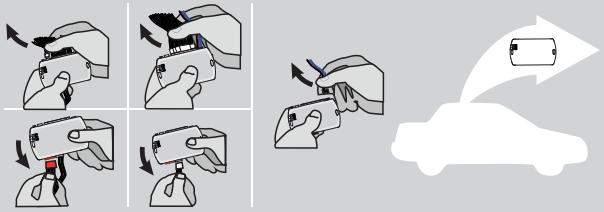


↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

14

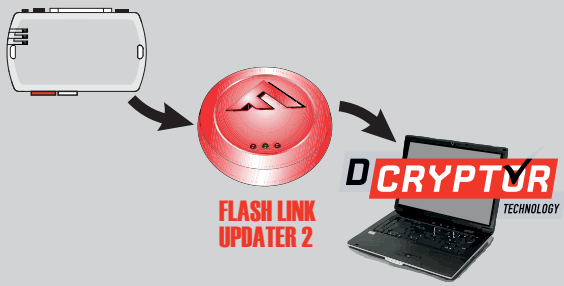


Disconnect all the connectors and after the Data-Link (4-pins) connector.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 4/5

15



Connect the module to the FLASH LINK UPDATER 2 and **visit** the DCryptor menu in the Flash-Link Manager.

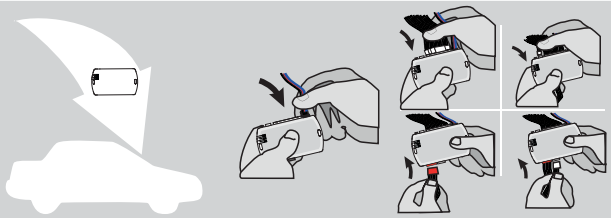
Parts required (not included)

FLASH LINK UPDATER 2

FLASH LINK MANAGER
SOFTWARE | PROGRAMME

Microsoft Windows Computer with Internet connection

16



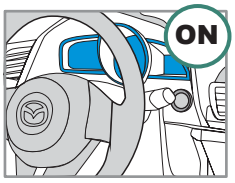
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

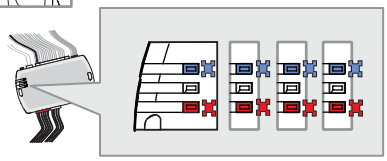
1 - 12

Repeat step 1 to 12.

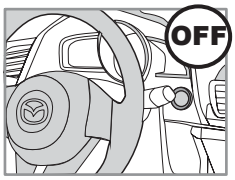
18



The vehicle's ignition will turn ON

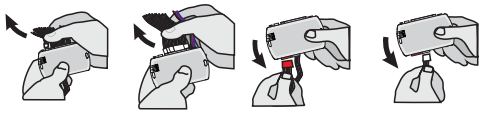


↳ *The Blue and Red LEDs will flash.*



The vehicle's Ignition will turn OFF.

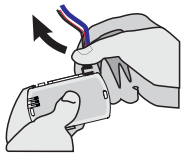
19



Disconnect all Harness

20

et ensuite:



Disconnect the 4-PIN Data-link harness (Black connector).

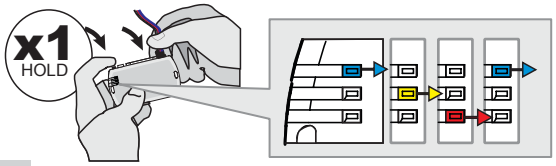
CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 5/5

CAN PROGRAMMING PROCEDURE

21

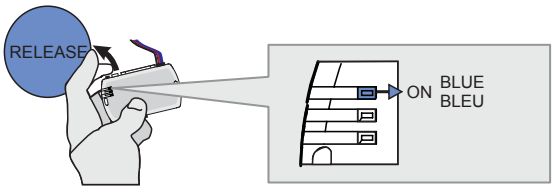
CAUTION FOR: EVO-ALARM OPTION
If the module GREEN (A4) wire is connected to the HORN make sure that the option G1 (EVO-ALARM) is enabled before CAN programming.



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

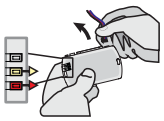
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

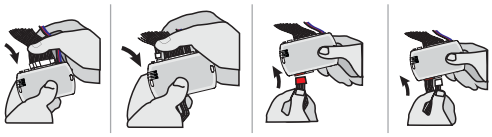


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

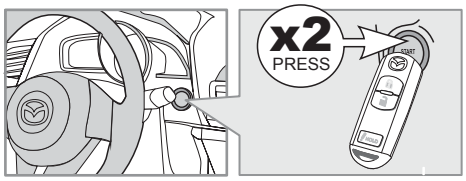


23

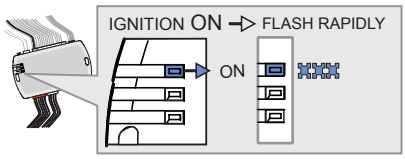


Connect the required remaining harnesses.

24

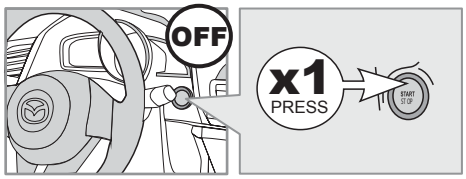


Press the START/STOP button twice to activate the vehicle's Ignition.

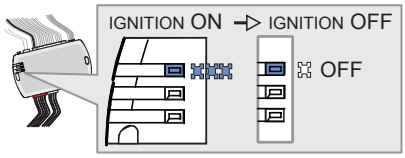


↳ *The Blue LED will flash rapidly.*

25



Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

The module is now programmed.

REMOTE STARTER FUNCTIONALITY

All doors must be closed.

Do not remote-start with the OEM remote inside the vehicle.

Never remote-start with a passenger inside the vehicle.

Remote start the vehicle.

The module will shut down the vehicle as soon as a door is opened.

THAR-MAZ1 THARNESS INSTALLATION WITH 2 KEYS PROGRAMMING

ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)												
		Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
MAZDA														
CX9 *Push-to-Start - Automatic transmission*	2016-2021	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

85.[11]

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

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

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.

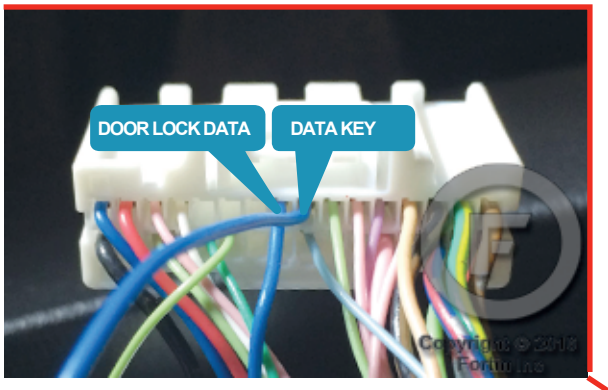
A11	OFF

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

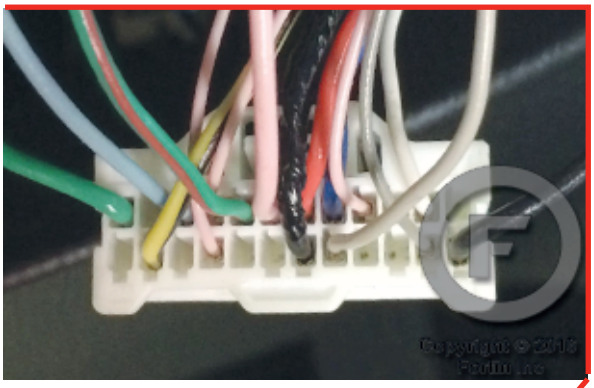
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

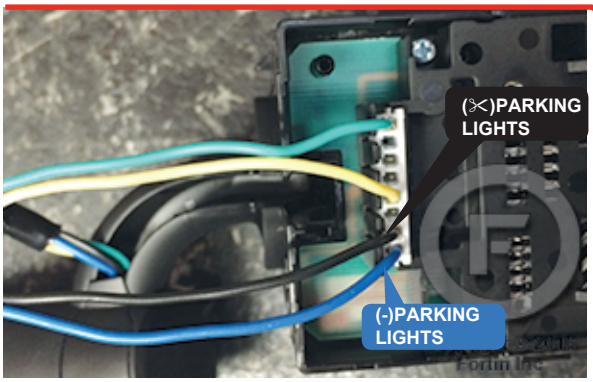
① Under steering column, START-STOP unit

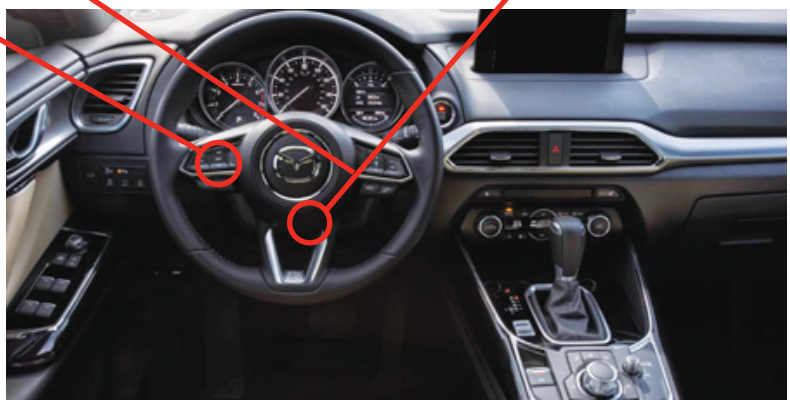


② Under steering column, START-STOP unit

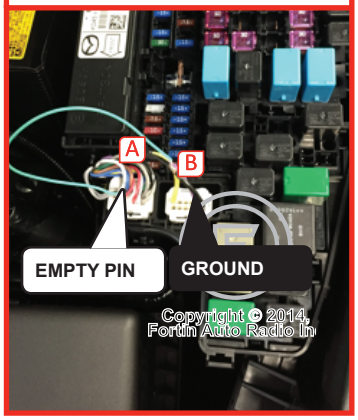


③ At parking lights switch





④ Engine compartment
- without OEM ALARM

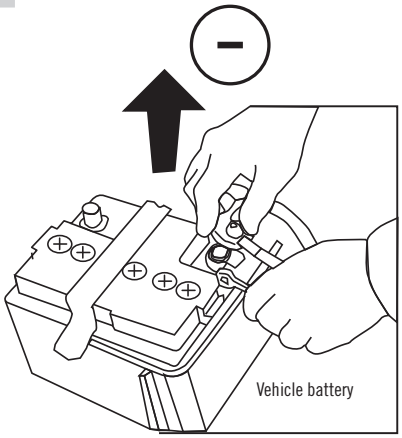


ATTENTION

Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect the negative terminal from the vehicle's battery.

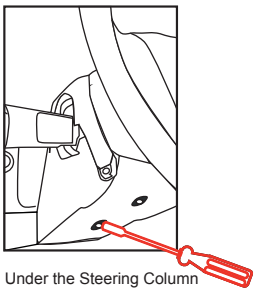
In these vehicles, the factory keyless entry module is sensitive to interference and may cease to operate if some precautions are not taken. Disconnect the (-) terminal of the battery prior to disconnecting the connectors at the smartkey module below the steering wheel to avoid damage to the smartkey entry module.

1

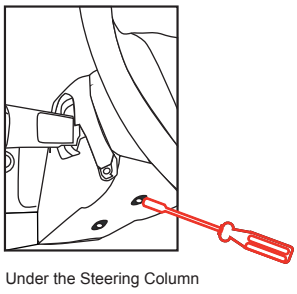


Disconnect the (-) terminal of the battery.

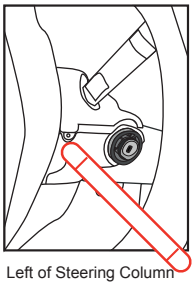
2


Under the Steering Column

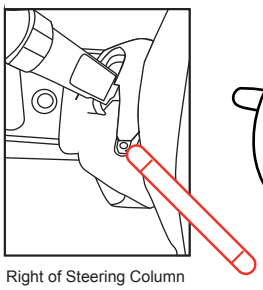
1 Unscrew.


Under the Steering Column

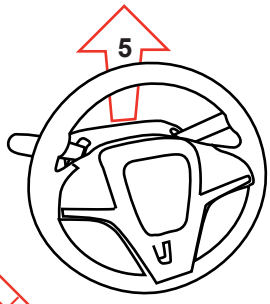
2 Unscrew


Left of Steering Column

3 Onclip


Right of Steering Column

4 Onclip



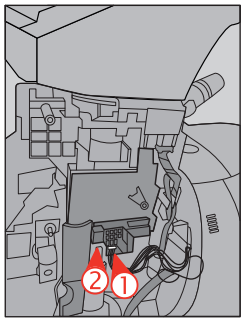
5 Gently pull up the cover of the steering column.

3

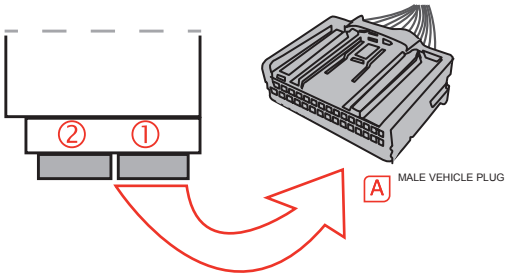
Make the following connections.

CONTINUED NEXT PAGE

4



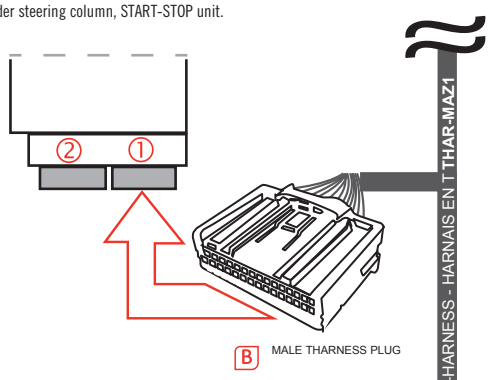
Under steering column, START-STOP unit.



Disconnect the connector
A

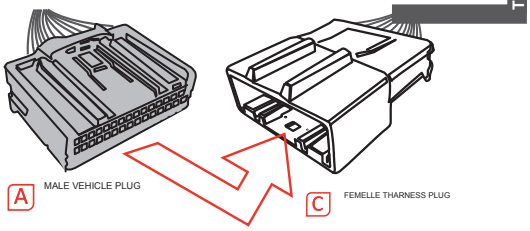
5

Under steering column, START-STOP unit.



Connect the connector
B

6



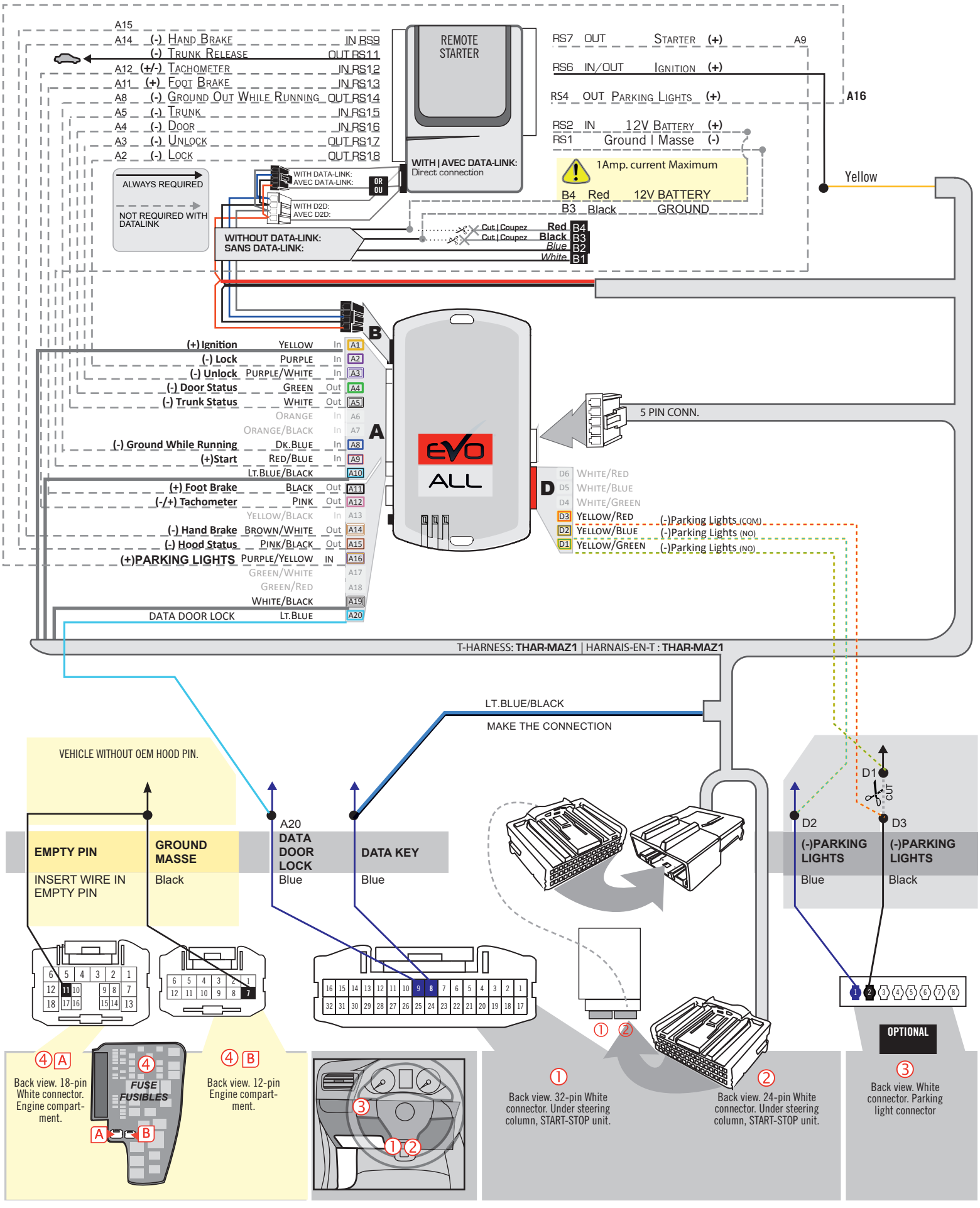
Connect the connector
A
into connector
C

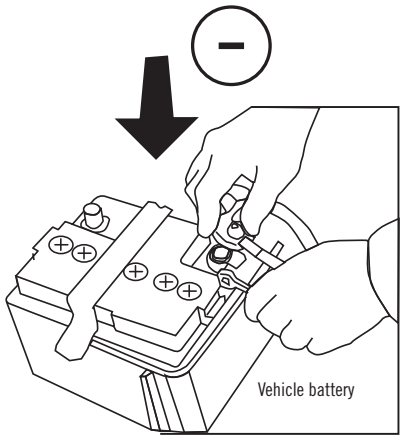
7

Make other required connections.

CONTINUED NEXT PAGE

AUTOMATIC TRANSMISSION WIRING CONNECTION





Reconnect the (-) terminal of the battery.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 1/6

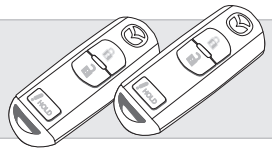
x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

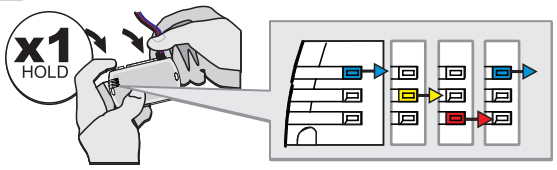
- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



Make sure to have two valide vehicle key.

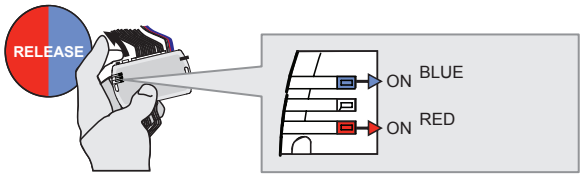
1



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

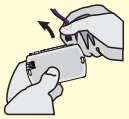
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

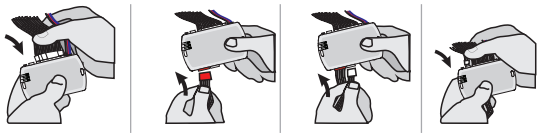


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector) and go back to step1.

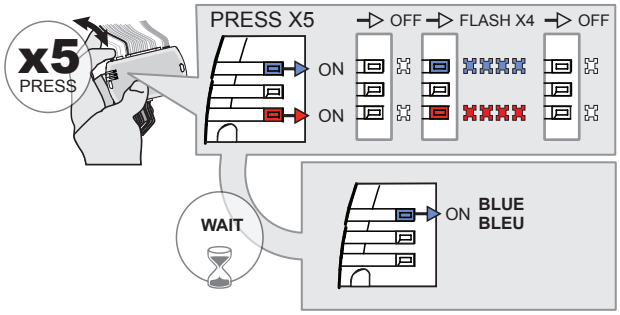


3



Connect the required remaining harnesses.

4



Press and release the programming button five times (5x).

↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

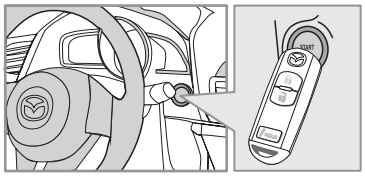
↳ ***Wait** for the Blue LED to turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 2/5

KEY#1

5



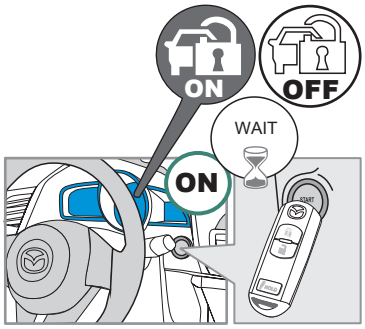
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

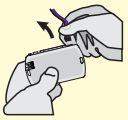
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



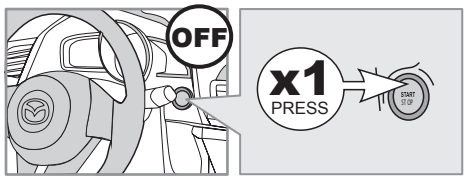
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



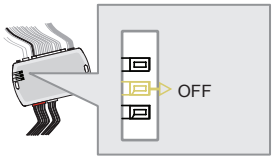
Wait for the security indicator to turn OFF (around 3 seconds).

8

IMMEDIATELY



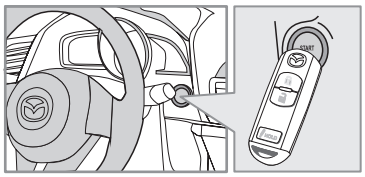
Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Yellow Led will turn OFF.*

KEY#2

9



Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

Press the START/STOP button twice to activate the vehicle's Ignition.

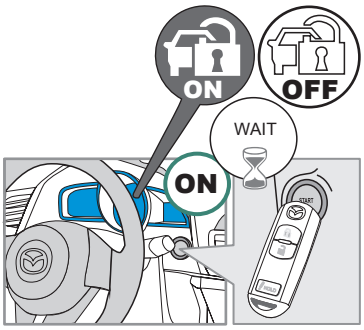
↳ *The Yellow LED will turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 3/6

11

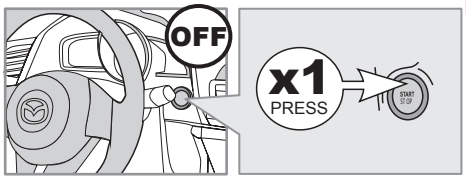
KEY#2



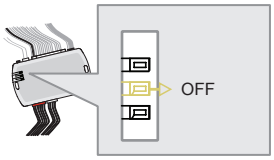
Wait for the security indicator to turn OFF (around 3 seconds).

12

IMMEDIATELY

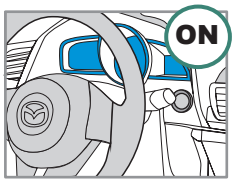


Press the START/STOP button once to deactivate the vehicle's Ignition.

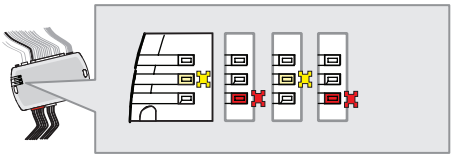


↳ *The Yellow Led will turn OFF.*

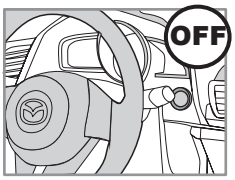
13



The vehicle's ignition will turn ON

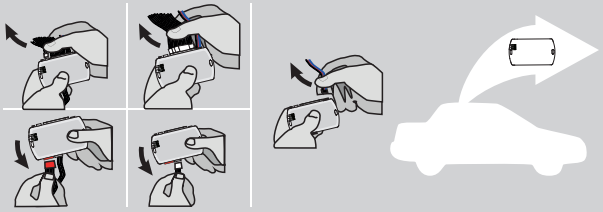


↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

14



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

CONTINUED NEXT PAGE

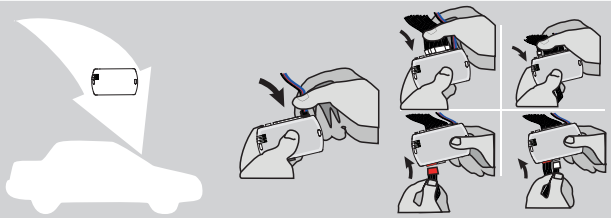
KEY BYPASS PROGRAMMING PROCEDURE 4/6

15

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

*Parts required (not included)

16



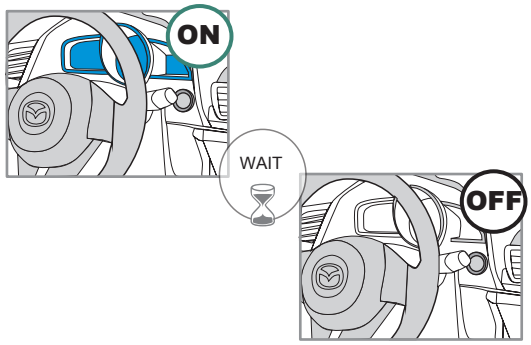
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

1 - 12

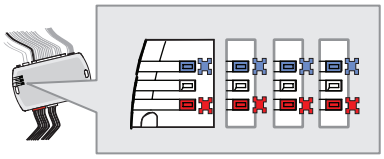
Repeat step 1 to 12.

18



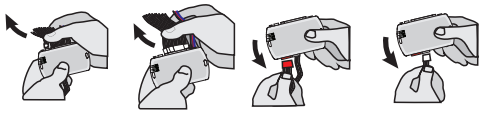
The vehicle's ignition will turn ON

The vehicle's Ignition will turn OFF.



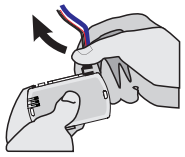
↳ *The Blue and Red LEDs will flash.*

19



Disconnect all Harness

20



Next:

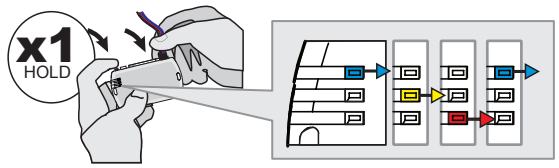
Disconnect the 4-PIN Data-link harness (Black connector).

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 5/6

CAN PROGRAMMING PROCEDURE

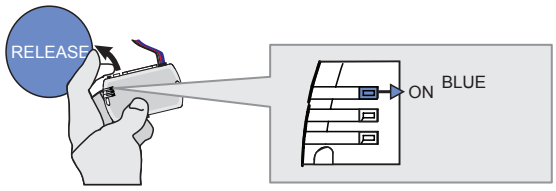
21



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

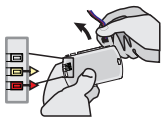
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

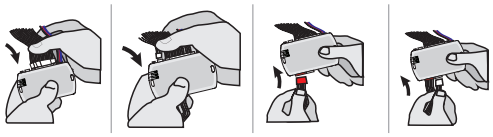


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

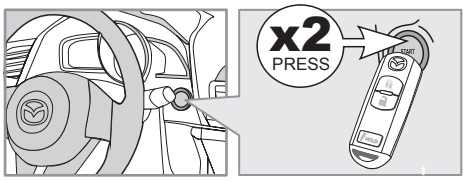


23

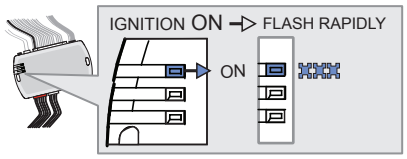


Connect the required remaining harnesses.

24

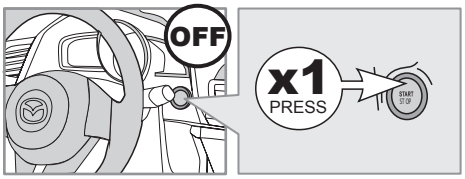


Press the START/STOP button twice to turn ON the vehicle's Ignition.

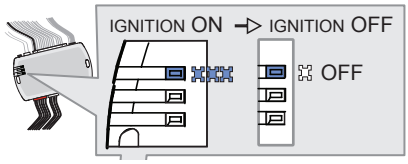


↳ *The Blue LED will flash rapidly.*

25



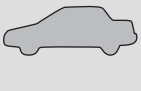
Press the START/STOP button once to turn OFF the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

The module is now programmed.

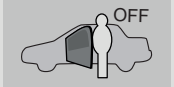
REMOTE STARTER FUNCTIONALITY |



All doors must be closed.

Remote start the vehicle.

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



The module will shut down the vehicle as soon as the drivers door is opened.

Enter the vehicle with the Smart-Key.

Press the brake pedal or the clutch for the manual transmission.

Press the Push-to-Start button to start the vehicle.

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

MAZDA 6 - T-HARNESS MAZDA

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

VEHICLE		YEARS ANNÉES	Connection # REMOTE STARTER NO DOORLOCK	REMOTE STARTER & DOORLOCK CONTROL	VEHICLE WITHOUT OEM ALARM	Vehicle functions supported in this diagram (functional if equipped) Immobilizer bypass	Lock	Unlock	Arm	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	Alarm mode
MAZDA																	
6	*Push-to-Start - AT*	2013-2016	1	2	3	•	•	•	•	•	•	•	•	•	•	•	•

HARDWARE VERSION

MINIMUM **6**

FIRMWARE VERSION

71.[35]

FORD MINIMUM

Parts required (Not included)

1X 1K Ohm Resistor

FLASH LINK MANAGER

Software version 3.52 and more

FLASH LINK UPDATER 2

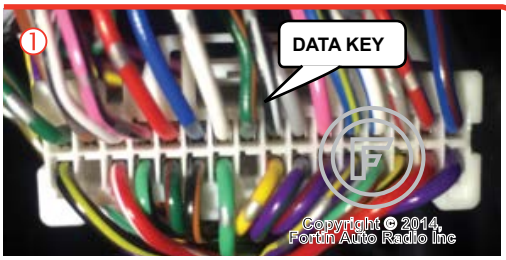
1X

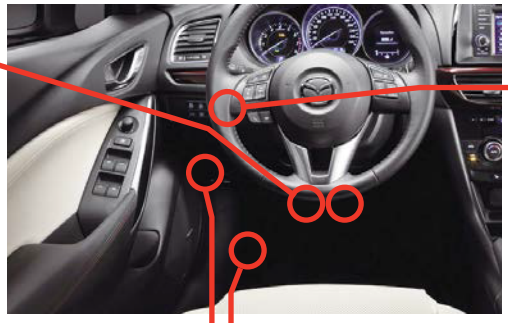
Microsoft Windows Computer & Internet connection

DCRYPTOR TECHNOLOGY

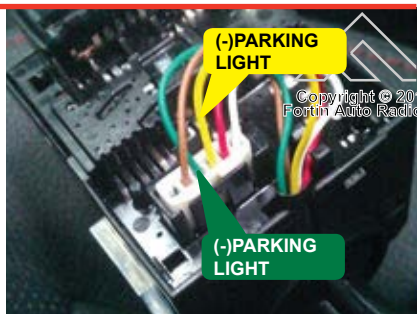
DESCRIPTION |

① ② Under steering column, START-STOP unit



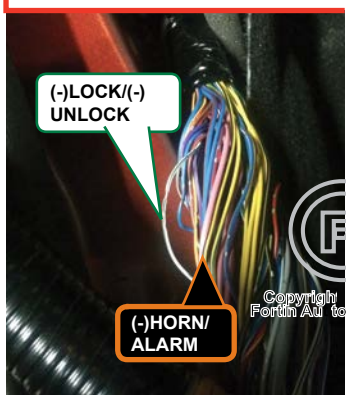


③ Parking Light connector

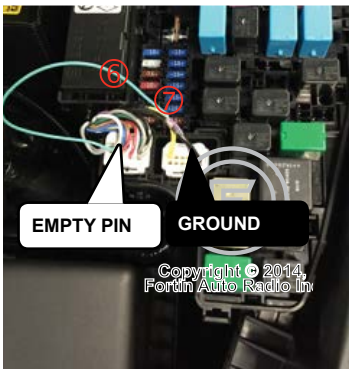


④ above Driver Kick Panel. Near firewall.

⑤ ⑧ driver kick panel.



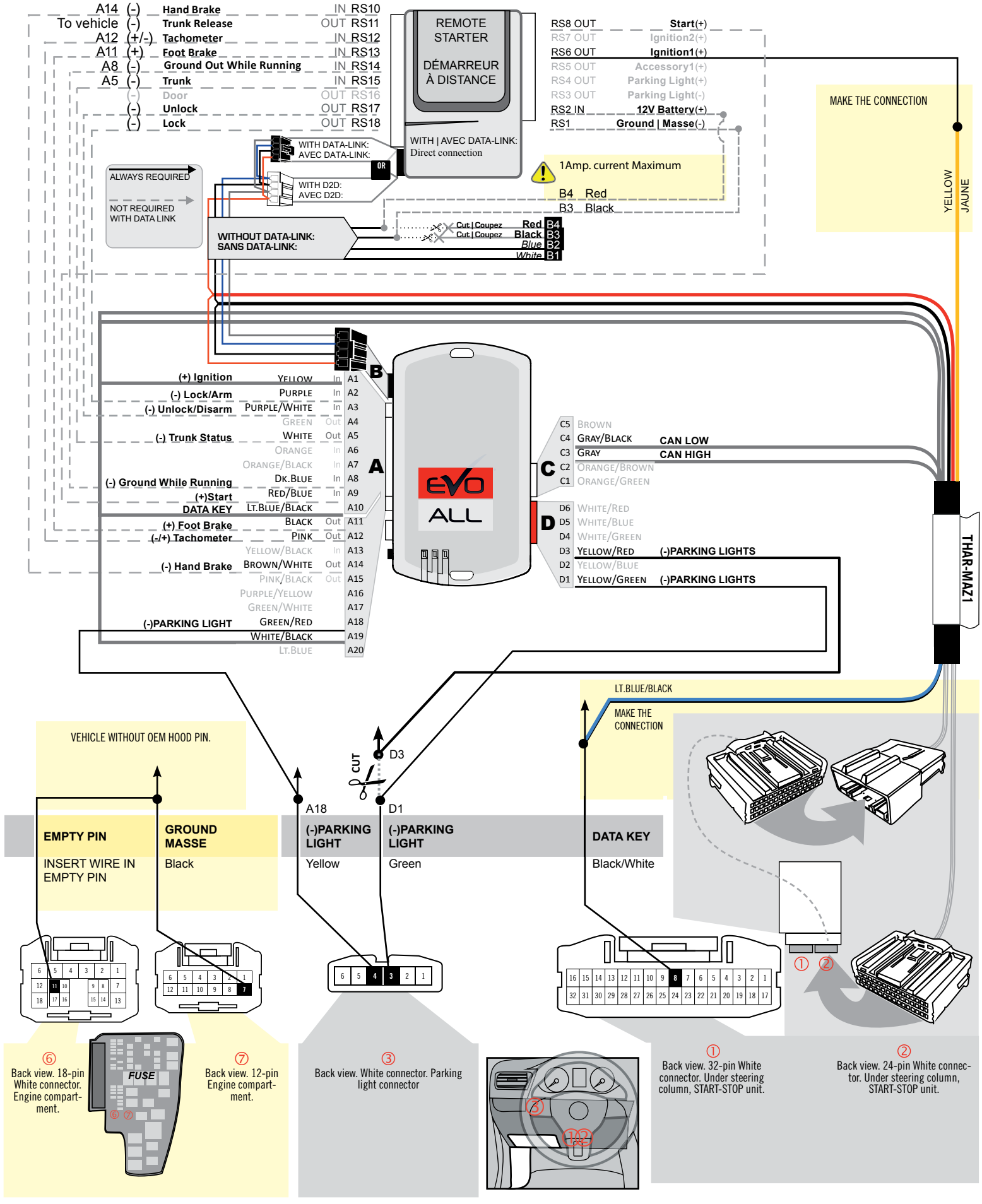
⑥ ⑦ Engine compartment - without OEM ALARM



FORTIN

CONNECTION 1

REMOTE CAR STARTER ONLY - DOORLOCK BY OEM REMOTE



CONNECTION 2

REMOTE CAR STARTER AND DOORLOCK

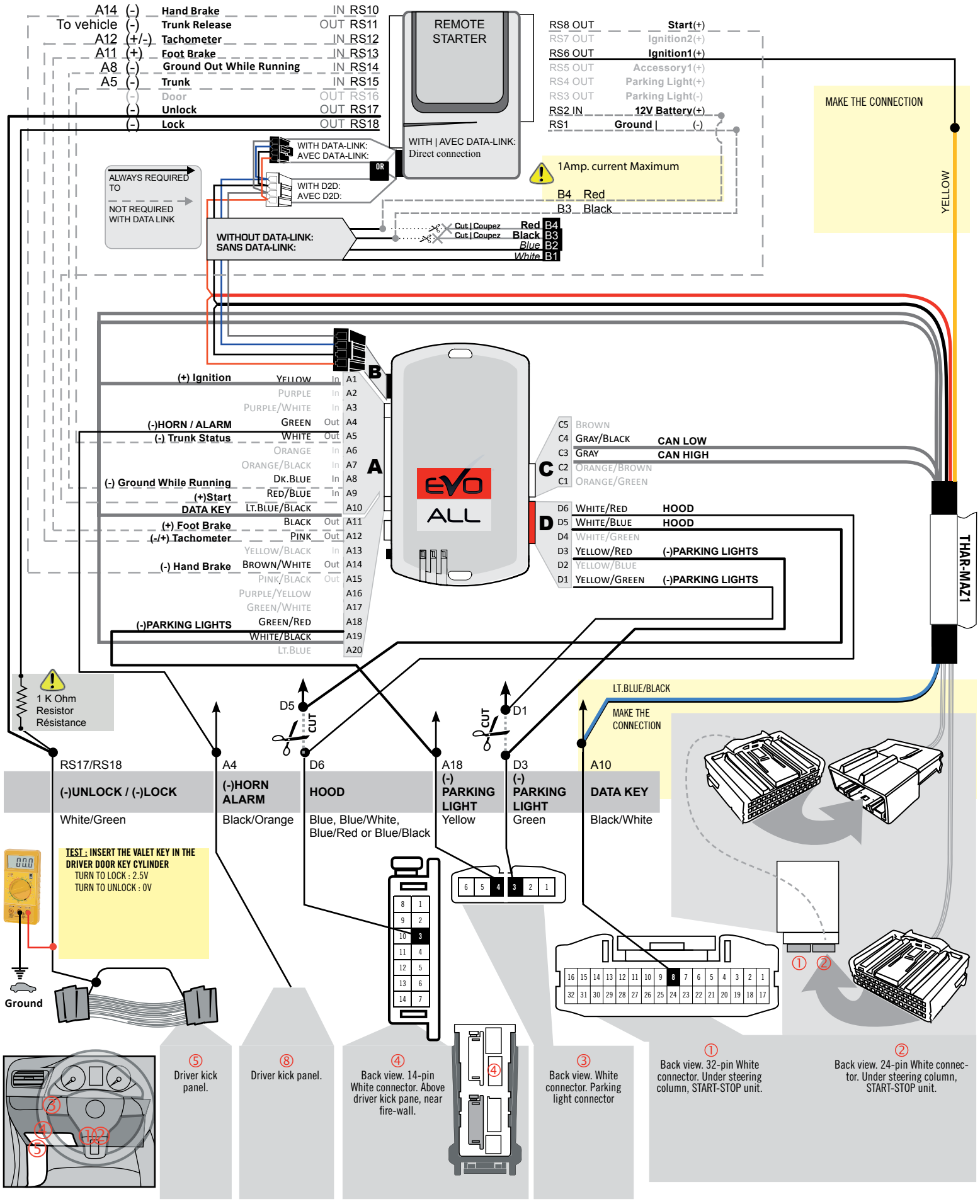
Program bypass option:

UNIT OPTION	DESCRIPTION
C1	OEM Remote status (Lock/Unlock) monitoring
G1	Evo Alarm enable

FORTIN

CONNECTION 2

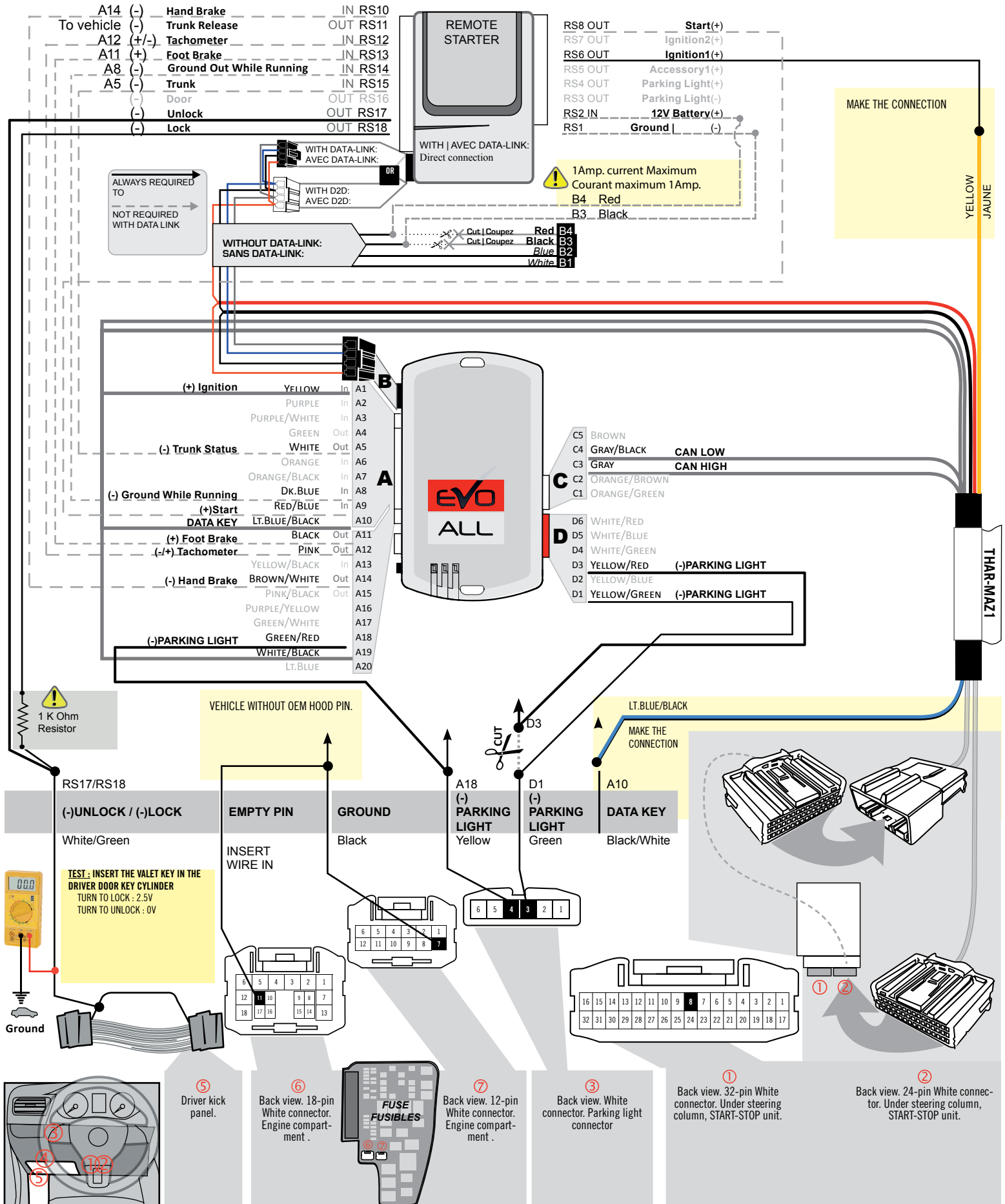
REMOTE CAR STARTER AND DOORLOCK



FORTIN

CONNECTION 3

VEHICLE WITHOUT HOOD PIN AND OEM ALARM



KEY BYPASS PROGRAMMING PROCEDURE 1/5 |

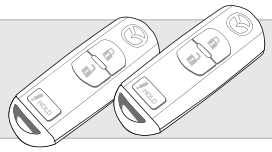
x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

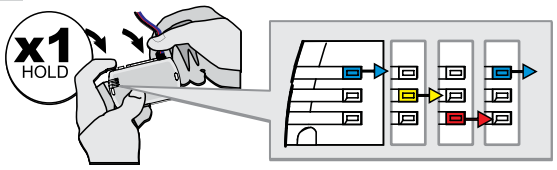
- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



Make sure to have two valide vehicle key.

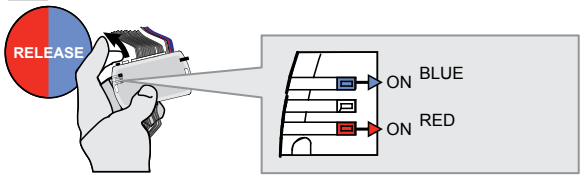
1



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

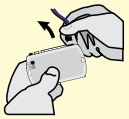
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

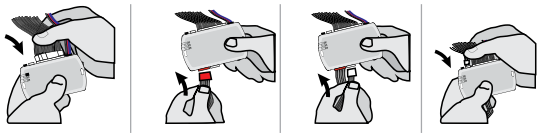


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector) and go back to step1.

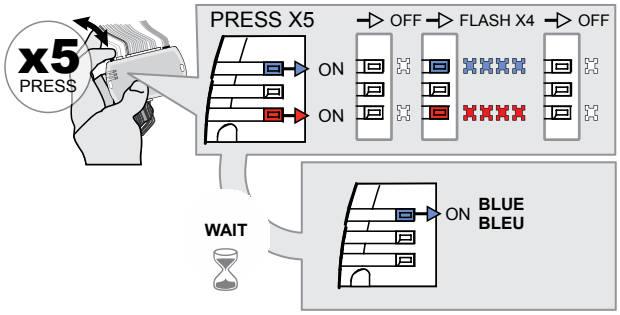


3



Connect the required remaining harnesses.

4



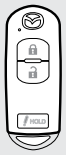
Press and release the programming button five times (5x).

↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

↳ ***Wait** for the Blue LED to turn ON.*

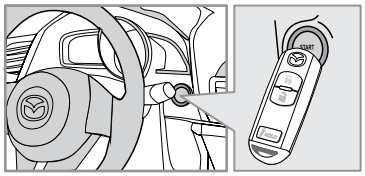
CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 2/5 |



KEY#1

5



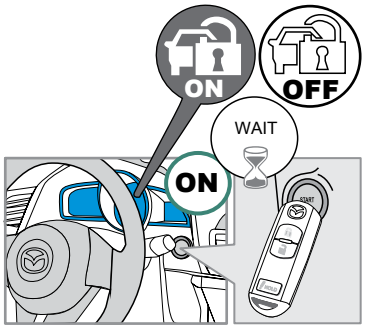
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

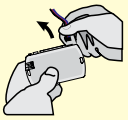
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



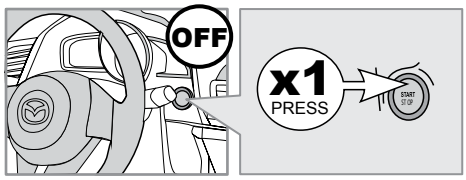
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



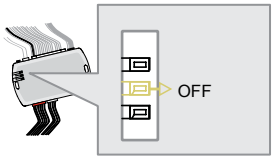
Wait for the security indicator to turn OFF (around 3 seconds).

8

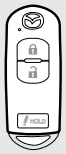
IMMEDIATELY



Press the START/STOP button once to deactivate the vehicle's Ignition.

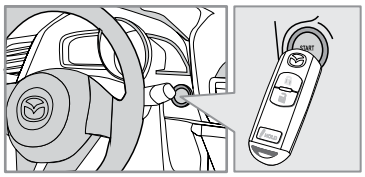


↳ *The Yellow Led will turn OFF.*



KEY#2

9



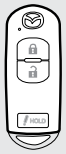
Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

Press the START/STOP button twice to activate the vehicle's Ignition.

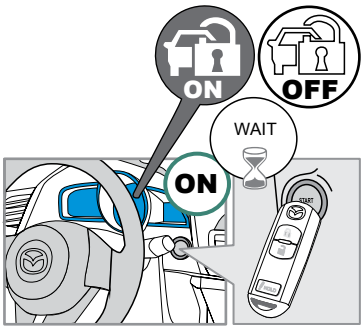
↳ *The Yellow LED will turn ON.*

KEY BYPASS PROGRAMMING PROCEDURE 3/5 |



KEY#2

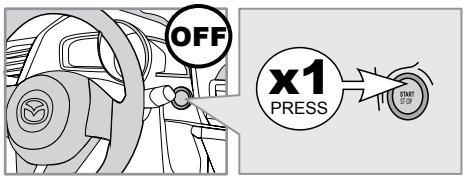
11



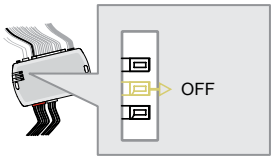
Wait for the security indicator to turn OFF (around 3 seconds).

12

IMMEDIATELY

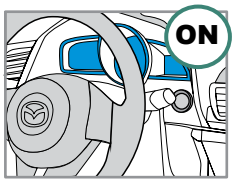


Press the START/STOP button once to deactivate the vehicle's Ignition.

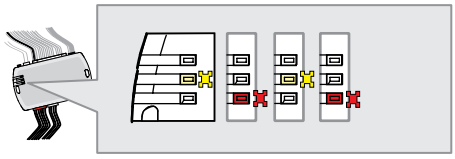


↳ *The Yellow Led will turn OFF.*

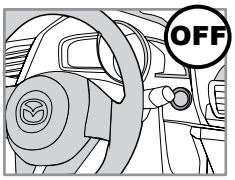
13



The vehicle's ignition will turn ON

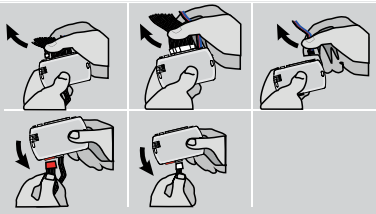


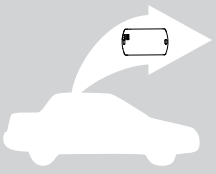
↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

14

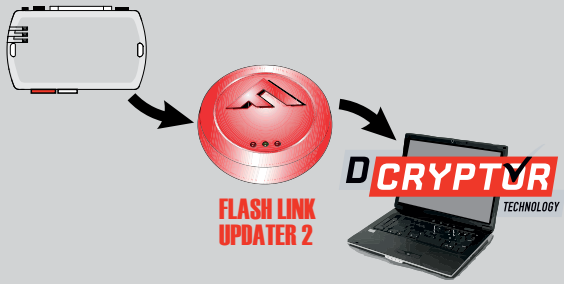




Disconnect the Data-Link (4-pins) connector and after all the remaining connectors.

KEY BYPASS PROGRAMMING PROCEDURE 4/5 |

15



Connect the module to the FLASH LINK UPDATER 2 and **visit** the DCryptor menu in the Flash-Link Manager.

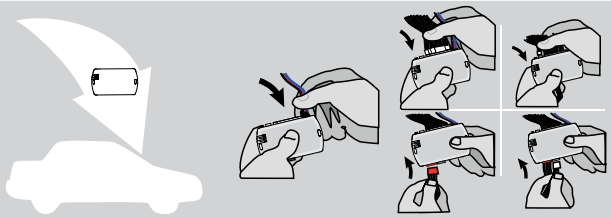
Parts required (not included)

FLASH LINK UPDATER 2

FLASH LINK MANAGER
SOFTWARE | PROGRAMME

Microsoft Windows Computer with Internet connection

16



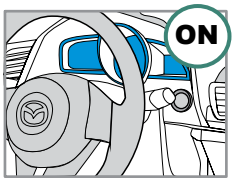
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

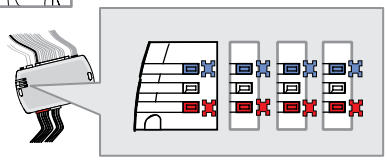
1 - 12

Repeat step 1 to 12.

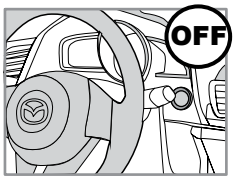
18



The vehicle's ignition will turn ON

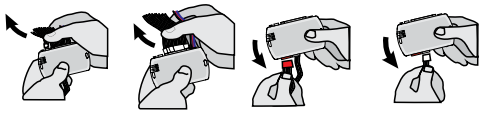


↳ *The Blue and Red LEDs will flash.*



The vehicle's Ignition will turn OFF.

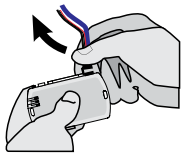
19



Disconnect all Harness

20

et ensuite:



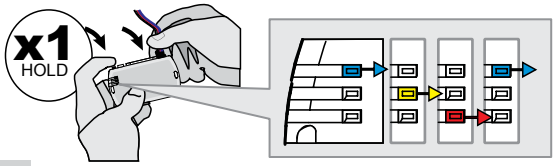
Disconnect the 4-PIN Data-link harness (Black connector).

KEY BYPASS PROGRAMMING PROCEDURE 5/5 |

CAN PROGRAMMING PROCEDURE

21

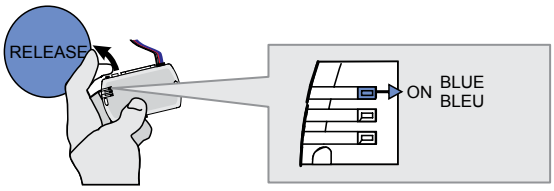
CAUTION FOR: EVO-ALARM OPTION
If the module GREEN (A4) wire is connected to the HORN make sure that the option G1 (EVO-ALARM) is enabled before CAN programming.



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

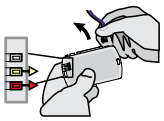
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

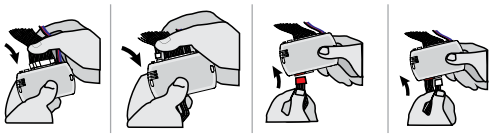


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

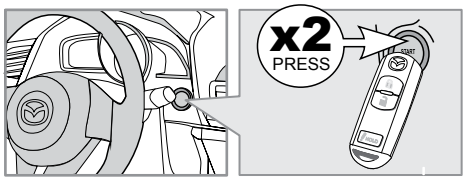


23

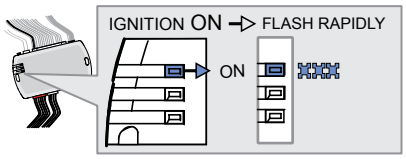


Connect the required remaining harnesses.

24

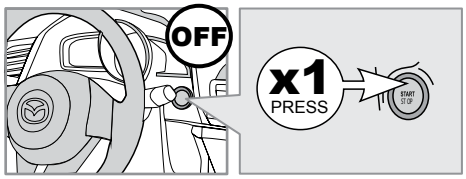


Press the START/STOP button twice to activate the vehicle's Ignition.

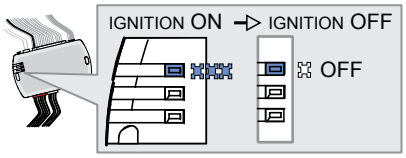


↳ *The Blue LED will flash rapidly.*

25



Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

The module is now programmed.

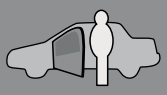
REMOTE STARTER FUNCTIONALITY |

All doors must be closed.

Do not remote-start with the OEM remote inside the vehicle.

Never remote-start with a passenger inside the vehicle.

Remote start the vehicle.



The module will shut down the vehicle as soon as a door is opened.

THAR-MAZ1 THARNESS INSTALLATION WITH 2 KEYS PROGRAMMING

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

			Vehicle functions supported in this diagram (functional if equipped)												
			Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
VEHICLE		YEARS													
MAZDA															
6	*Push-to-Start - Automatic transmission only* *Push-to-Start - transmission automatique seulement*	2014-2020	•	•	•	•	•	•	•	•	•	•	•	•	•

85.[11]
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

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

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.

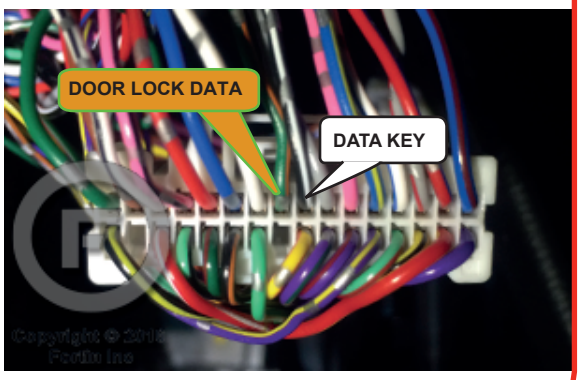
A11	**OFF**

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

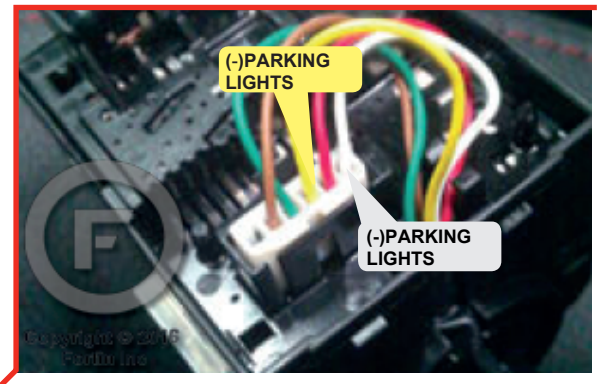
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

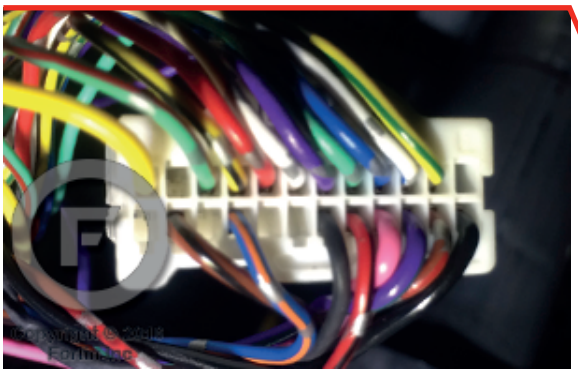
① Under steering column, START-STOP unit



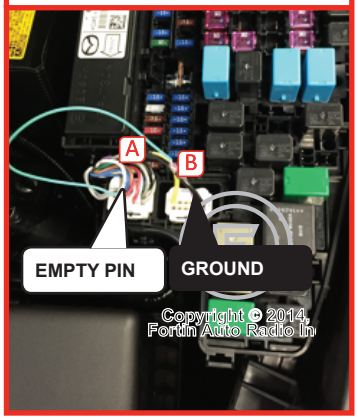
③ At parking lights switch



② Under steering column, START-STOP unit



④ Engine compartment - without OEM ALARM

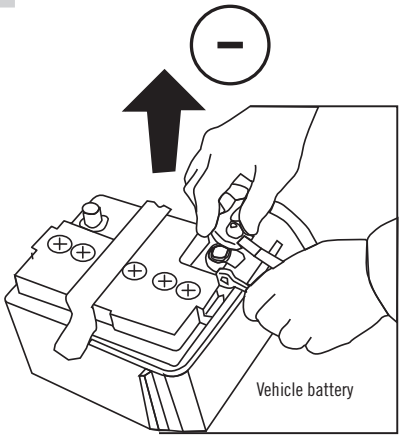


ATTENTION

Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect the negative terminal from the vehicle's battery.

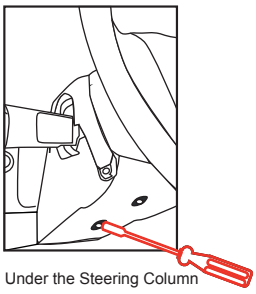
In these vehicles, the factory keyless entry module is sensitive to interference and may cease to operate if some precautions are not taken. Disconnect the (-) terminal of the battery prior to disconnecting the connectors at the smartkey module below the steering wheel to avoid damage to the smartkey entry module.

1

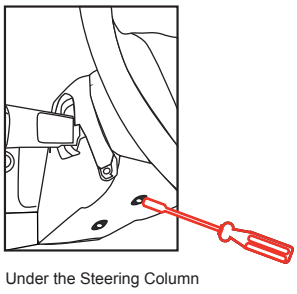


Disconnect the (-) terminal of the battery.

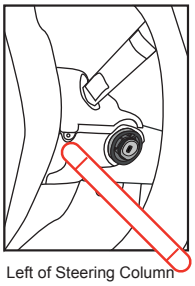
2


Under the Steering Column

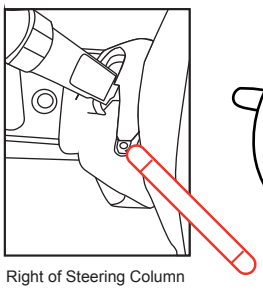
1 Unscrew.


Under the Steering Column

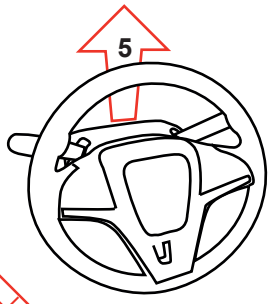
2 Unscrew


Left of Steering Column

3 Onclip


Right of Steering Column

4 Onclip



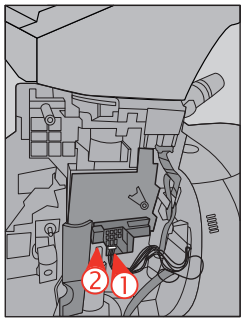
5 Gently pull up the cover of the steering column.

3

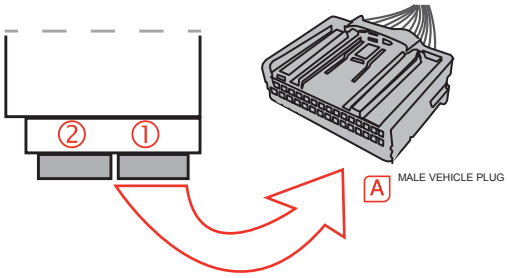
Make the following connections.

CONTINUED NEXT PAGE

4



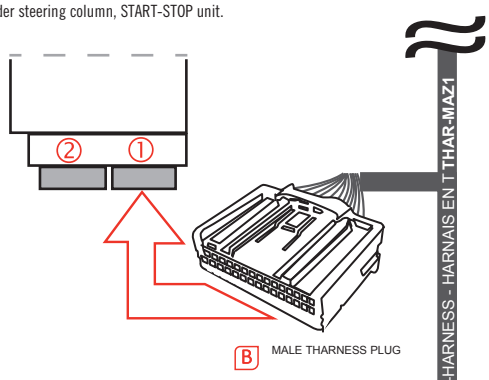
Under steering column, START-STOP unit.



Disconnect the connector
A

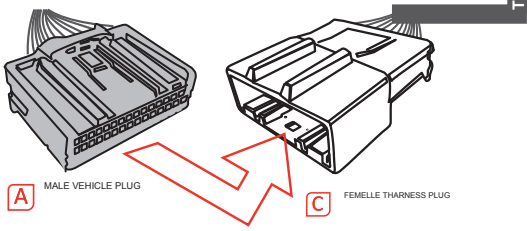
5

Under steering column, START-STOP unit.



Connect the connector
B

6



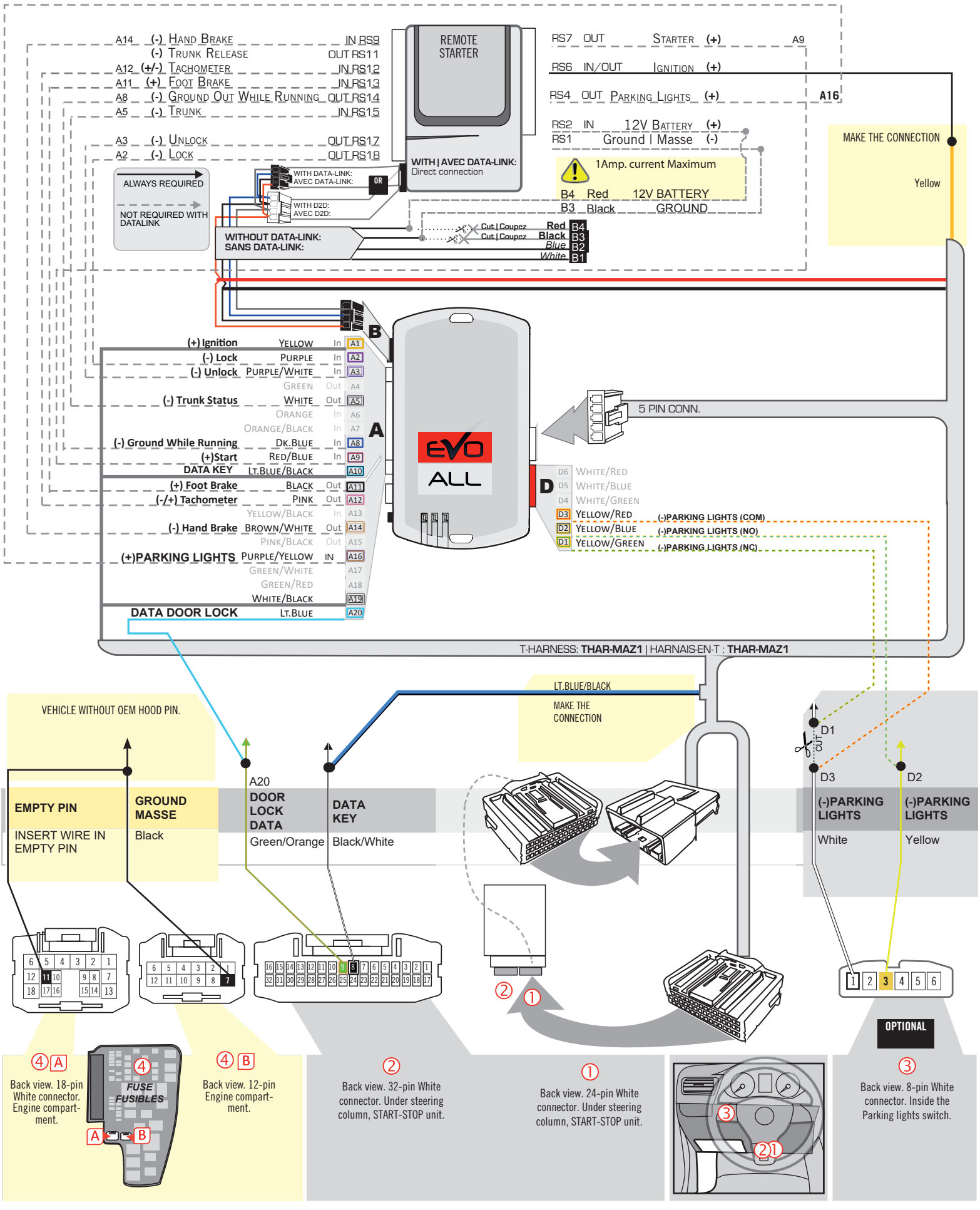
Connect the connector
A
into connector
C

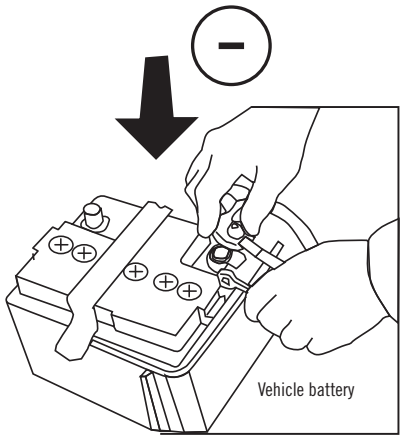
7

Make other required connections.

CONTINUED NEXT PAGE

AUTOMATIC TRANSMISSION WIRING CONNECTION





Reconnect the (-) terminal of the battery.

CONTINUED NEXT PAGE

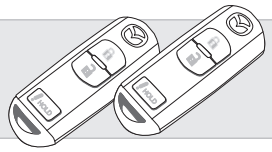
KEY BYPASS PROGRAMMING PROCEDURE 1/6

x3 max.

Do not program more than 3 modules on the same vehicle.

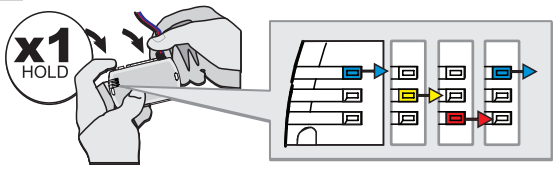
If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.



Make sure to have two valide vehicle key.

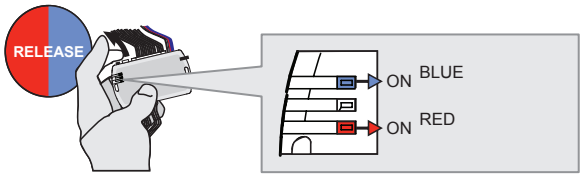
1



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

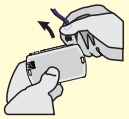
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

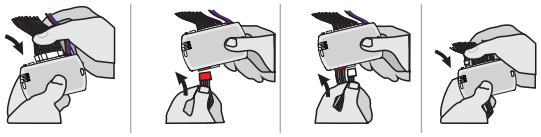


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector) and go back to step1.

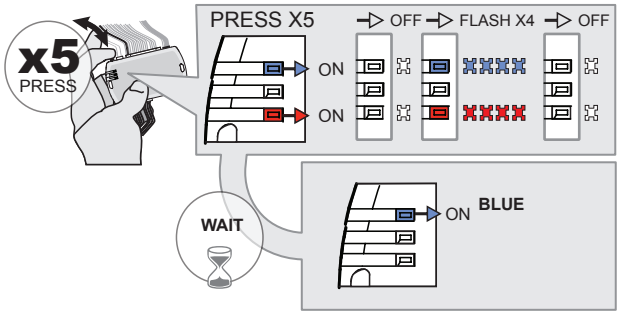


3



Connect the required remaining harnesses.

4



Press and release the programming button five times (5x).

↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

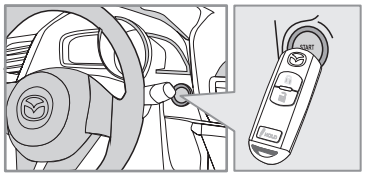
↳ ***Wait** for the Blue LED to turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 2/5

KEY#1

5



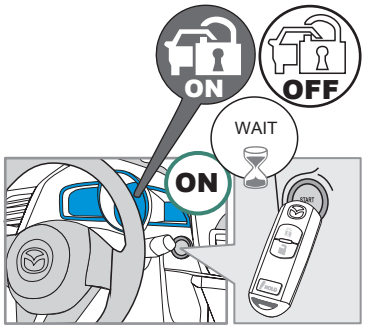
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

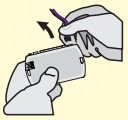
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



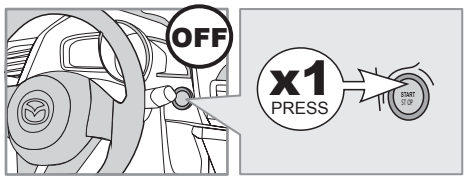
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



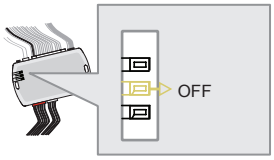
Wait for the security indicator to turn OFF (around 3 seconds).

8

IMMEDIATELY



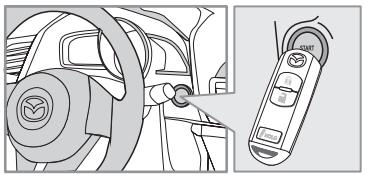
Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Yellow Led will turn OFF.*

KEY#2

9



Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

Press the START/STOP button twice to activate the vehicle's Ignition.

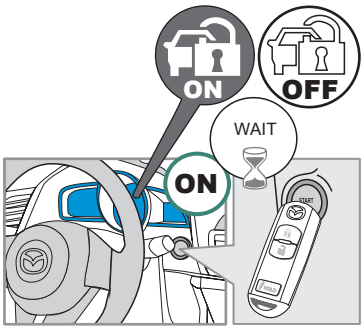
↳ *The Yellow LED will turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 3/6

11

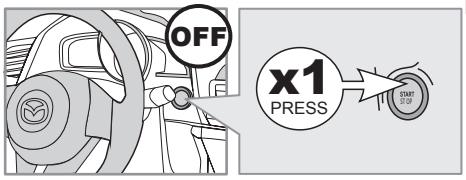
KEY#2



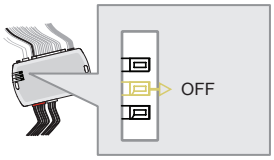
Wait for the security indicator to turn OFF (around 3 seconds).

12

IMMEDIATELY

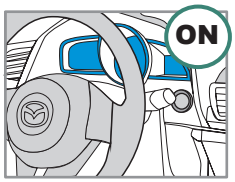


Press the START/STOP button once to deactivate the vehicle's Ignition.

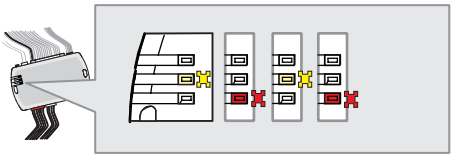


↳ *The Yellow Led will turn OFF.*

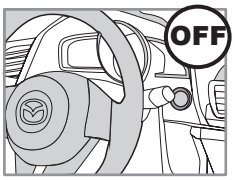
13



The vehicle's ignition will turn ON

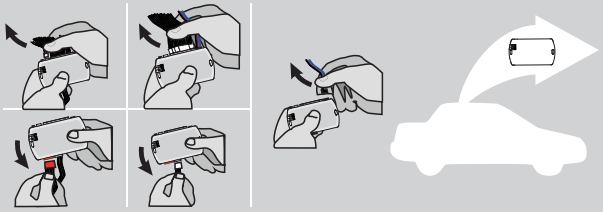


↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

14

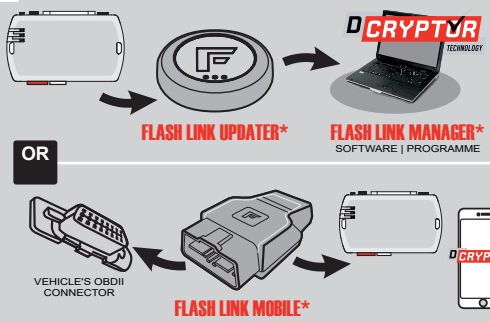


Disconnect all the connectors and after the Data-Link (4-pins) connector.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 4/6

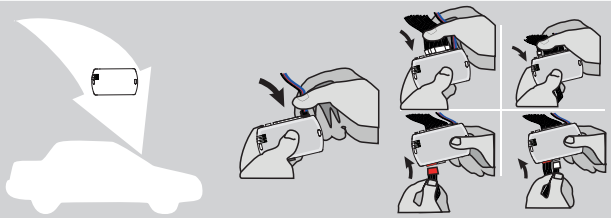
15



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

*Parts required (not included)

16



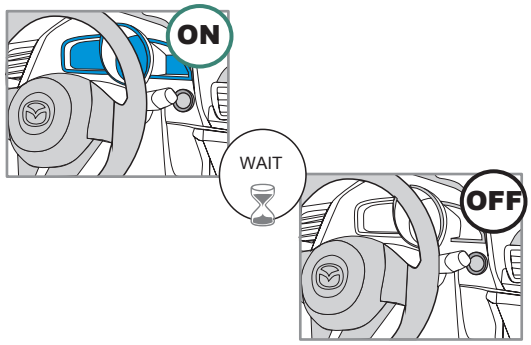
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

1 - 12

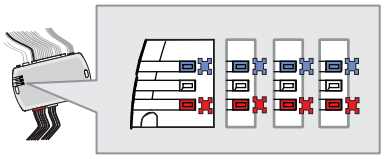
Repeat step 1 to 12.

18



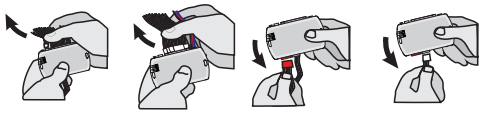
The vehicle's ignition will turn ON

The vehicle's Ignition will turn OFF.



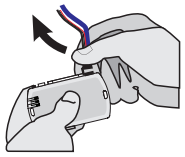
↳ *The Blue and Red LEDs will flash.*

19



Disconnect all Harness

20



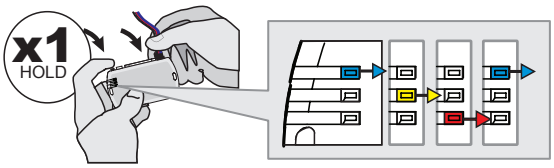
Next:

Disconnect the 4-PIN Data-link harness (Black connector).

CONTINUED NEXT PAGE

CAN PROGRAMMING PROCEDURE

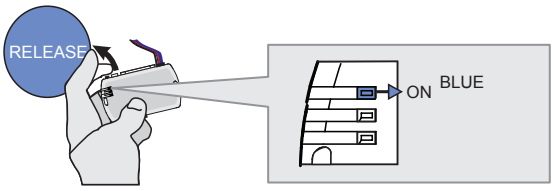
21



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

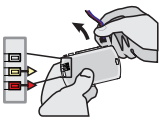
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

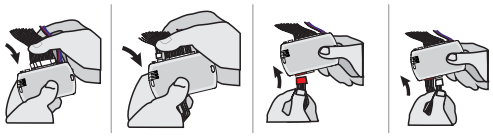


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

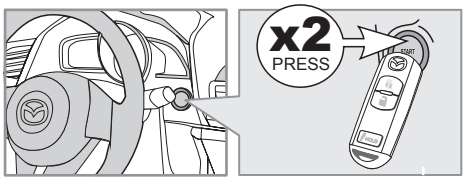


23

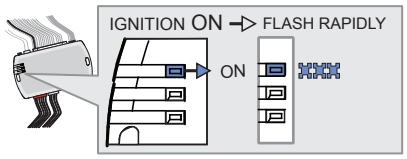


Connect the required remaining harnesses.

24

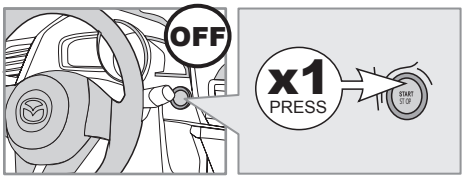


Press the START/STOP button twice to turn ON the vehicle's Ignition.

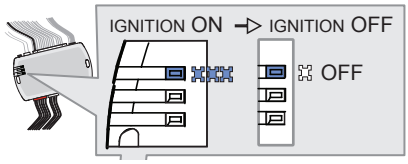


↳ *The Blue LED will flash rapidly.*

25



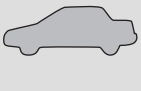
Press the START/STOP button once to turn OFF the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

The module is now programmed.

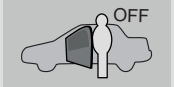
REMOTE STARTER FUNCTIONALITY |



All doors must be closed.

Remote start the vehicle.

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



The module will shut down the vehicle as soon as the drivers door is opened.

Enter the vehicle with the Smart-Key.

Press the brake pedal or the clutch for the manual transmission.

Press the Push-to-Start button to start the vehicle.

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

THAR-MAZ1 THARNESS INSTALLATION WITH 2 KEYS PROGRAMMING

ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE		YEARS	Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
Vehicle functions supported in this diagram (functional if equipped)															
MAZDA															
MX5	*Push-to-Start - Automatic transmission*	2016-2019	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

85.[11]

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

Program bypass option (If equiped with OEM alarm):	UNIT OPTION	DESCRIPTION
	D2	Unlock before / Lock after (Disarm OEM alarm)

NOTES

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

Parts required (Not included)

1X 10 AMP 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**

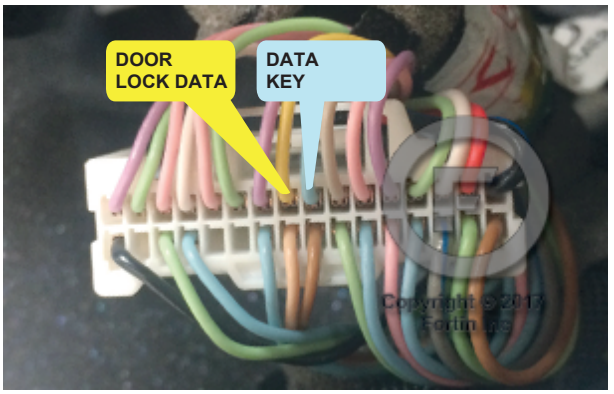
Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

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

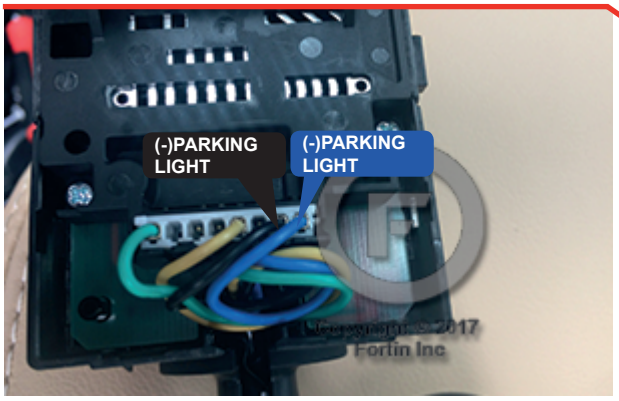
DESCRIPTION | DESCRIPTION

① Under steering column, START-STOP unit.

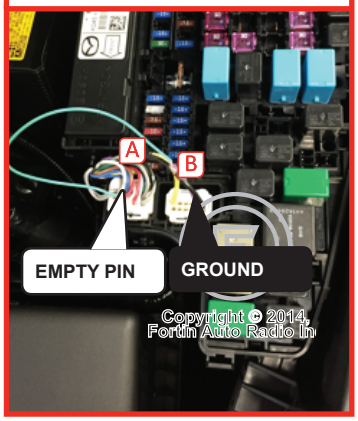
② Under steering column, START-STOP unit.



③ Inside the Parking Light switch



④ Engine compartment
- without OEM ALARM

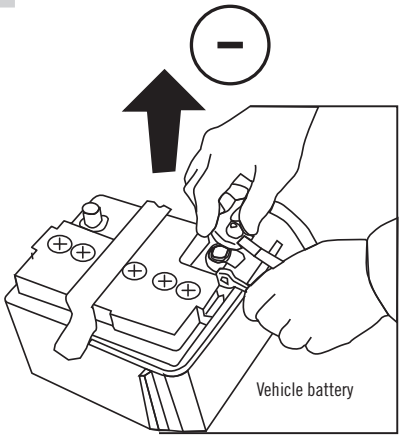


ATTENTION

Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect the negative terminal from the vehicle's battery.

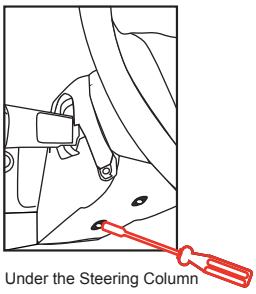
In these vehicles, the factory keyless entry module is sensitive to interference and may cease to operate if some precautions are not taken. Disconnect the (-) terminal of the battery prior to disconnecting the connectors at the smartkey module below the steering wheel to avoid damage to the smartkey entry module.

1

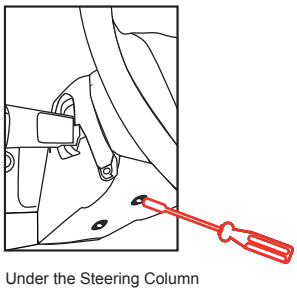


Disconnect the (-) terminal of the battery.

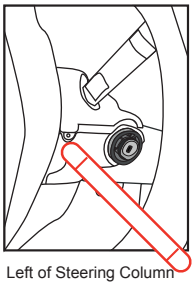
2


Under the Steering Column

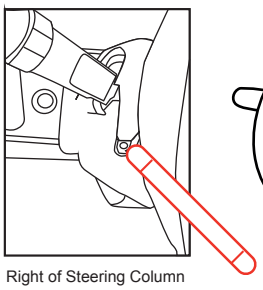
1 Unscrew.


Under the Steering Column

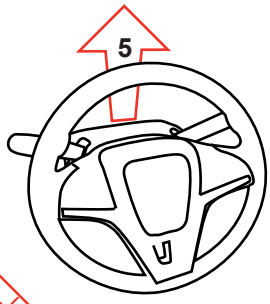
2 Unscrew


Left of Steering Column

3 Onclip


Right of Steering Column

4 Onclip



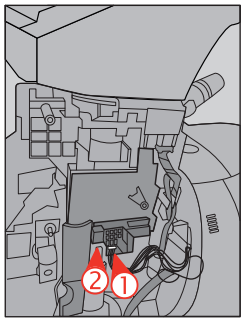
5 Gently pull up the cover of the steering column.

3

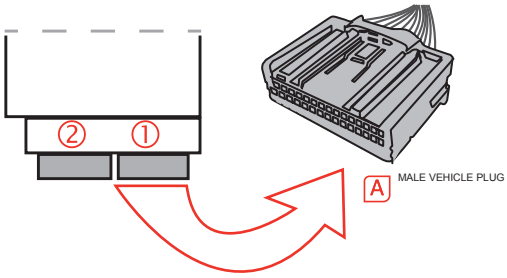
Make the following connections.

CONTINUED NEXT PAGE

4



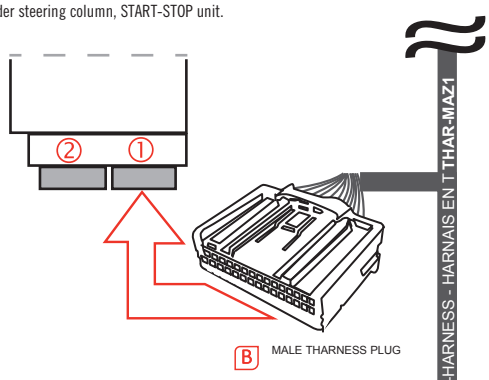
Under steering column, START-STOP unit.



Disconnect the connector
A

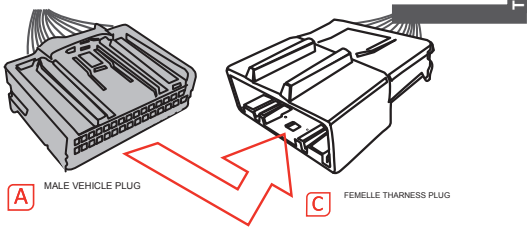
5

Under steering column, START-STOP unit.



Connect the connector
B

6



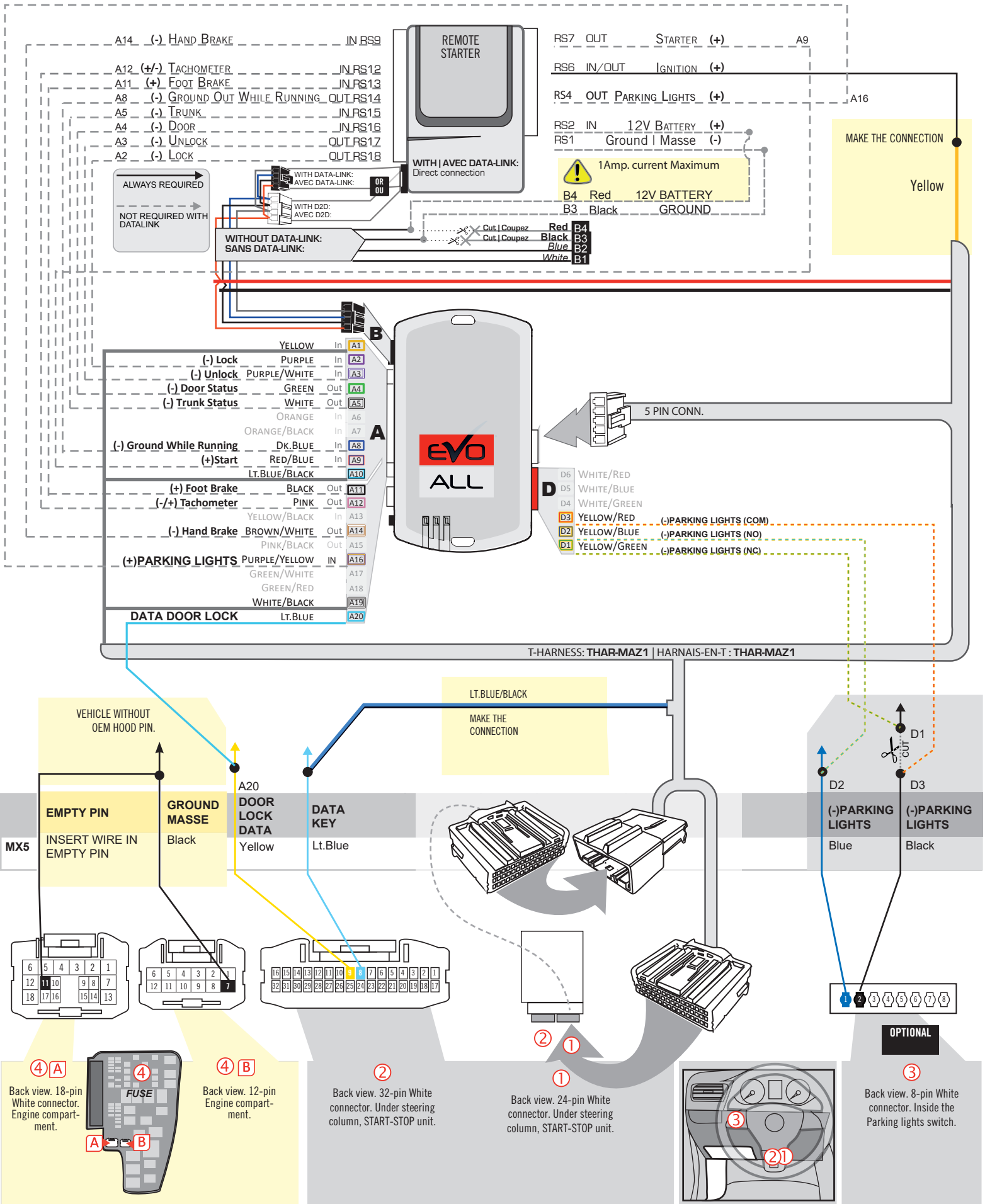
Connect the connector
A
into connector
C

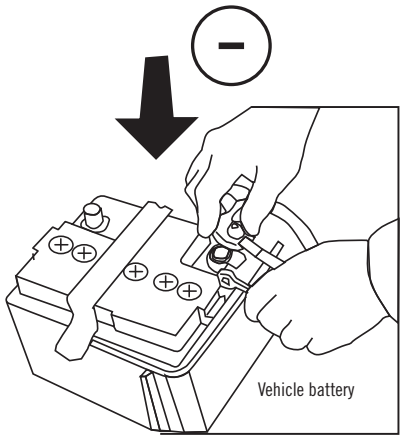
7

Make other required connections.

CONTINUED NEXT PAGE

AUTOMATIC TRANSMISSION WIRING CONNECTION





Reconnect the (-) terminal of the battery.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 1/6

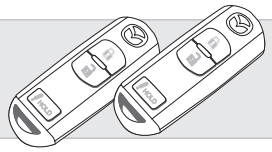
x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

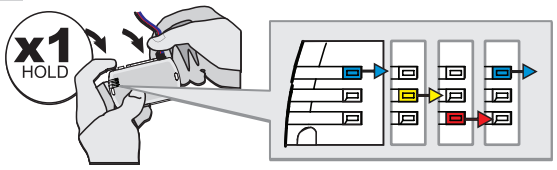
- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



Make sure to have two valide vehicle key.

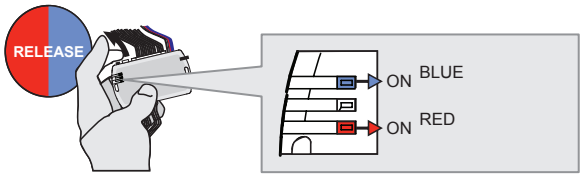
1



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

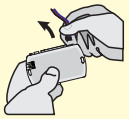
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

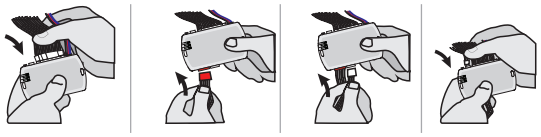


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector) and go back to step1.

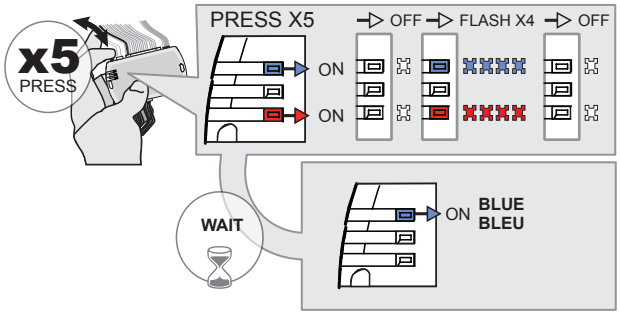


3



Connect the required remaining harnesses.

4



Press and release the programming button five times (5x).

↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

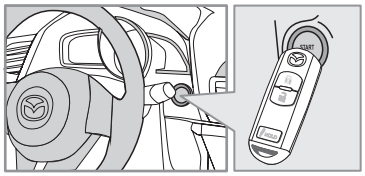
↳ ***Wait** for the Blue LED to turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 2/5

KEY#1

5



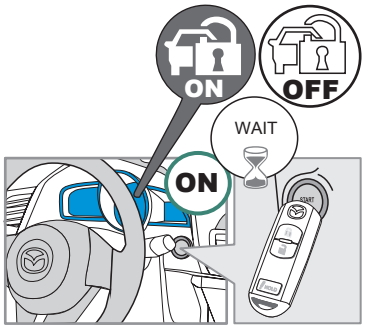
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

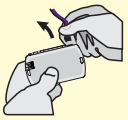
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



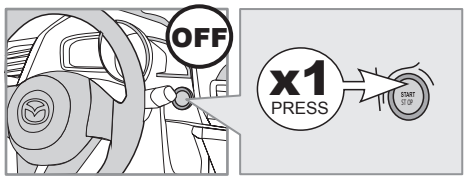
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



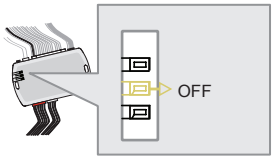
Wait for the security indicator to turn OFF (around 3 seconds).

8

IMMEDIATELY



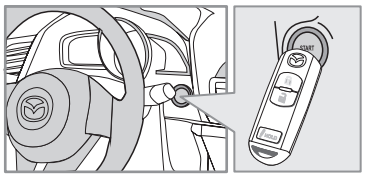
Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Yellow Led will turn OFF.*

KEY#2

9



Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

Press the START/STOP button twice to activate the vehicle's Ignition.

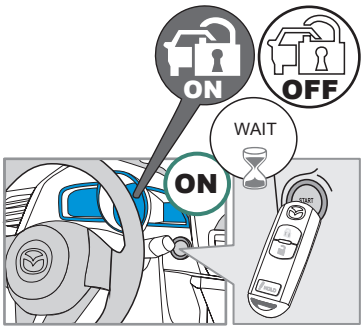
↳ *The Yellow LED will turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 3/6

11

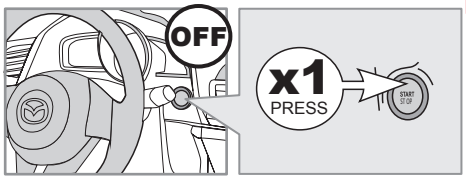
KEY#2



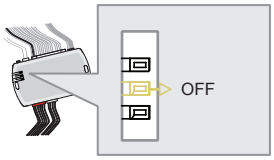
Wait for the security indicator to turn OFF (around 3 seconds).

12

IMMEDIATELY

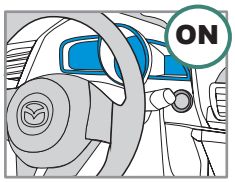


Press the START/STOP button once to deactivate the vehicle's Ignition.

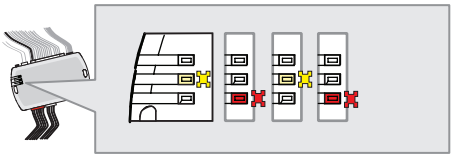


↳ *The Yellow Led will turn OFF.*

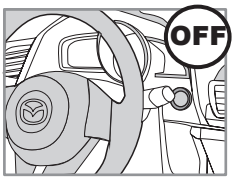
13



The vehicle's ignition will turn ON

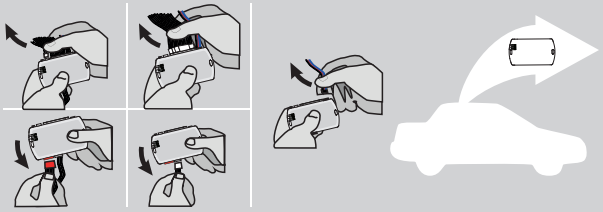


↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

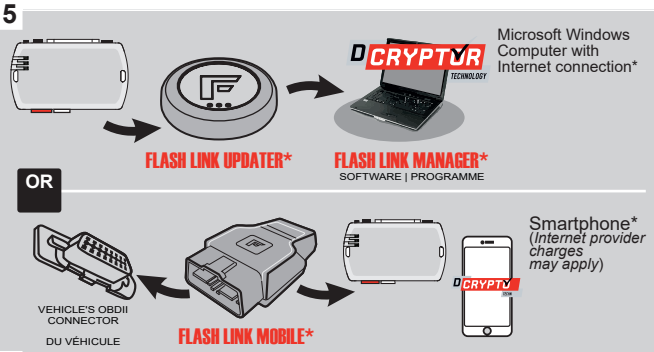
14



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

CONTINUED NEXT PAGE

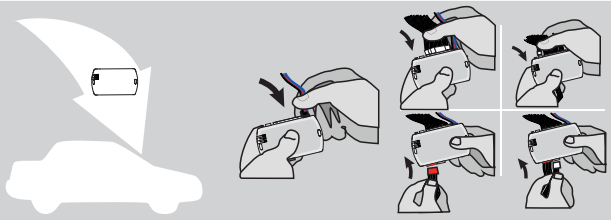
15



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

*Parts required (not included)

16



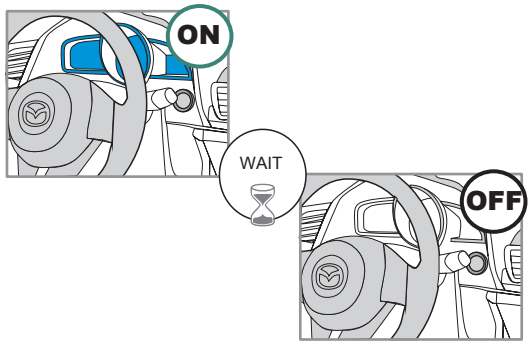
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

1 - 12

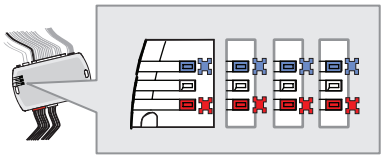
Repeat step 1 to 12.

18



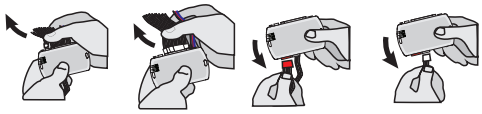
The vehicle's ignition will turn ON

The vehicle's Ignition will turn OFF.



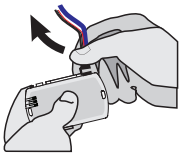
↳ *The Blue and Red LEDs will flash.*

19



Disconnect all Harness

20



Next:

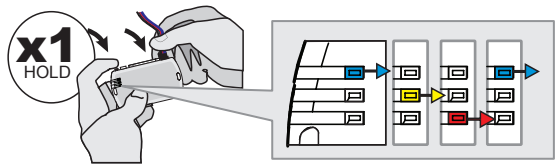
Disconnect the 4-PIN Data-link harness (Black connector).

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 5/6

CAN PROGRAMMING PROCEDURE

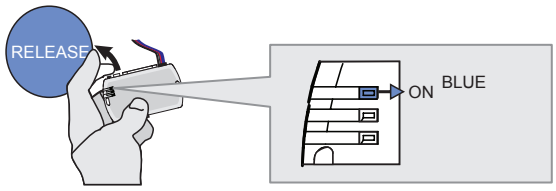
21



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

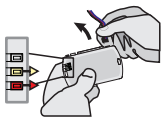
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

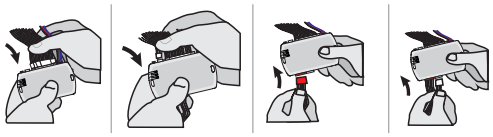


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

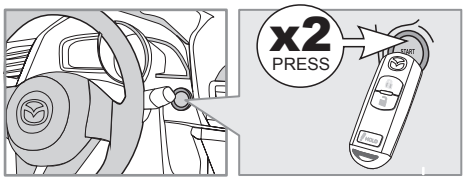


23

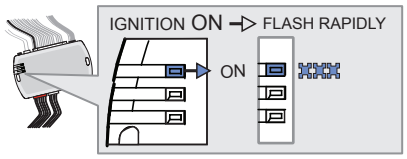


Connect the required remaining harnesses.

24

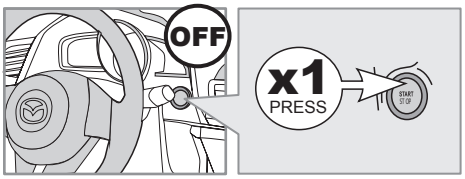


Press the START/STOP button twice to turn ON the vehicle's Ignition.

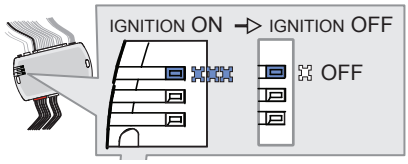


↳ *The Blue LED will flash rapidly.*

25



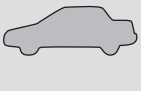
Press the START/STOP button once to turn OFF the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

The module is now programmed.

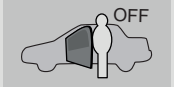
REMOTE STARTER FUNCTIONALITY |



All doors must be closed.

Remote start the vehicle.

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



The module will shut down the vehicle as soon as the drivers door is opened.

Enter the vehicle with the Smart-Key.

Press the brake pedal or the clutch for the manual transmission.

Press the Push-to-Start button to start the vehicle.

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

T-HARNESS THAR-MAZ1 INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE		YEARS	Vehicle functions supported in this diagram (functional if equipped)														
			KEY CONTROL CONTROL DE LA CLÉ	T-Harness Harnais en T	Lock	Unlock	Arm	Disarm	Parking Lights	Trunk Release	Tachometer	Door Status	Trunk Status	Hood Status	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring*
SCION																	
iA	*Push-to-Start*	2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
TOYOTA																	
Yaris	*Push-to-Start*	2016-2020	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

85.[09]

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
A3	OFF	Key Bypass
C1		OEM Remote status (Lock/Unlock) monitoring
D6		Push-to-Start

Parts required (Not included)

1X Vehicle key required

FLASH LINK MANAGER
Software version 3.62 and more

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.

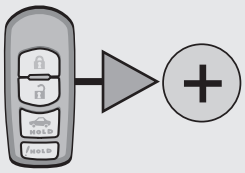
A11	OFF

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.

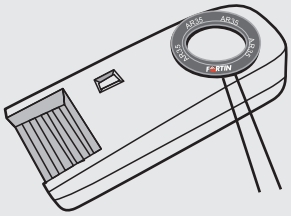
KEY CONTROL

Remove the battery from the key fob.



Transponder antenna ring (Part #: AR35),
sold separately.

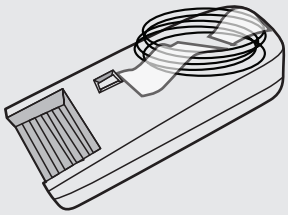
Remove the adhesive from the back of the antenna ring and stick it on the back of the key fob.



Back of Key fob.

OR
OU

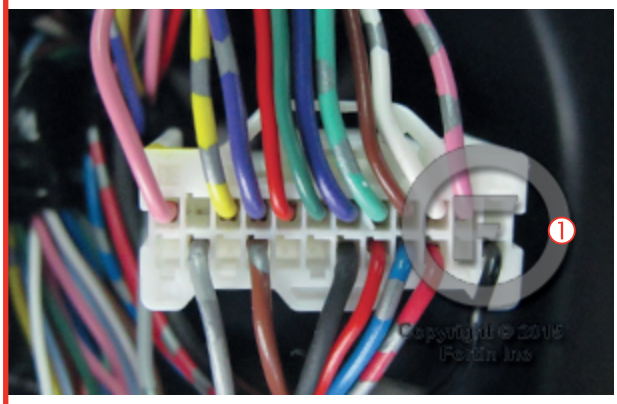
Make 8 -12 loops with the wire and tape it the back of the key fob as shown.



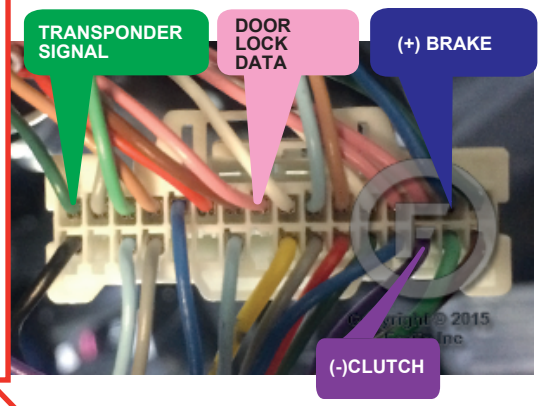
Back of Key fob.

DESCRIPTION

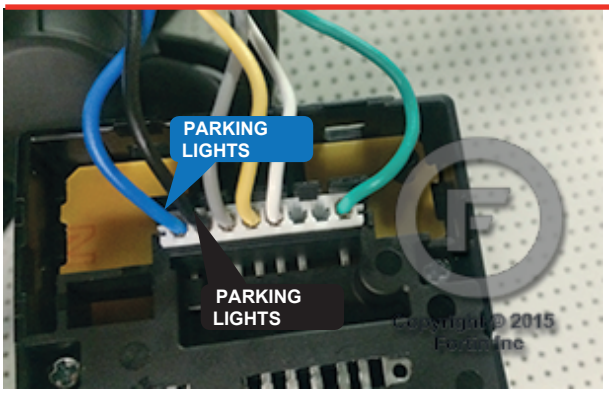
① Under steering column, START-STOP unit.



③ Under steering column, START-STOP unit.



② Parking Light connector

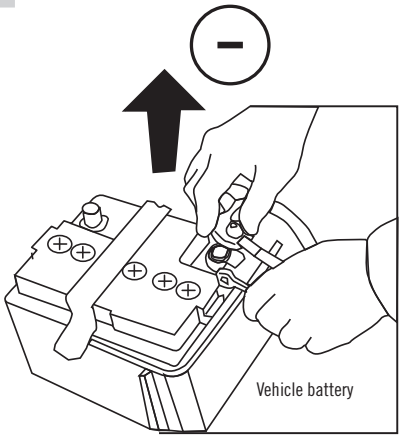


ATTENTION

Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect the negative terminal from the vehicle's battery.

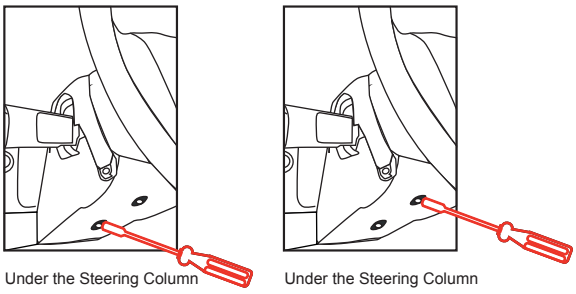
In these vehicles, the factory keyless entry module is sensitive to interference and may cease to operate if some precautions are not taken. Disconnect the (-) terminal of the battery prior to disconnecting the connectors at the smartkey module below the steering wheel to avoid damage to the smartkey entry module.

1



Disconnect the (-) terminal of the battery.

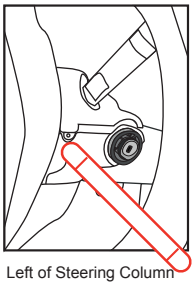
2


Under the Steering Column

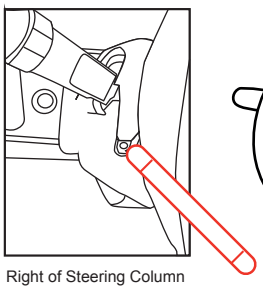
1 Unscrew.

Under the Steering Column

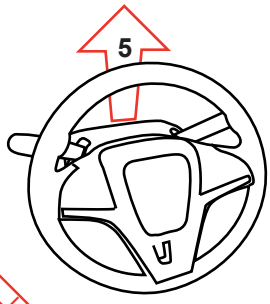
2 Unscrew


Left of Steering Column

3 Onclip


Right of Steering Column

4 Onclip



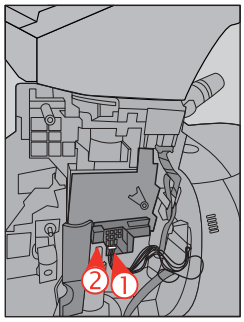
5 Gently pull up the cover of the steering column.

3

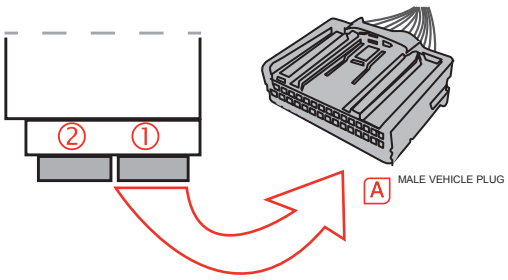
Make the following connections.

CONTINUED NEXT PAGE

4



Under steering column, START-STOP unit.

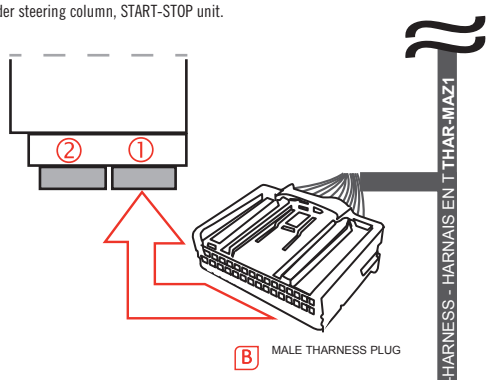


Disconnect the connector

A

5

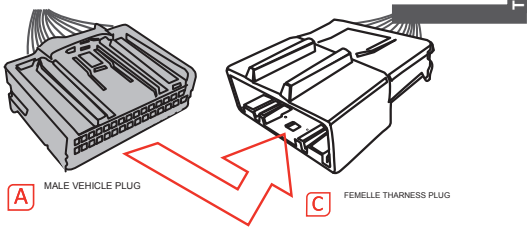
Under steering column, START-STOP unit.



Connect the connector

B

6



Connect the connector

A

into connector

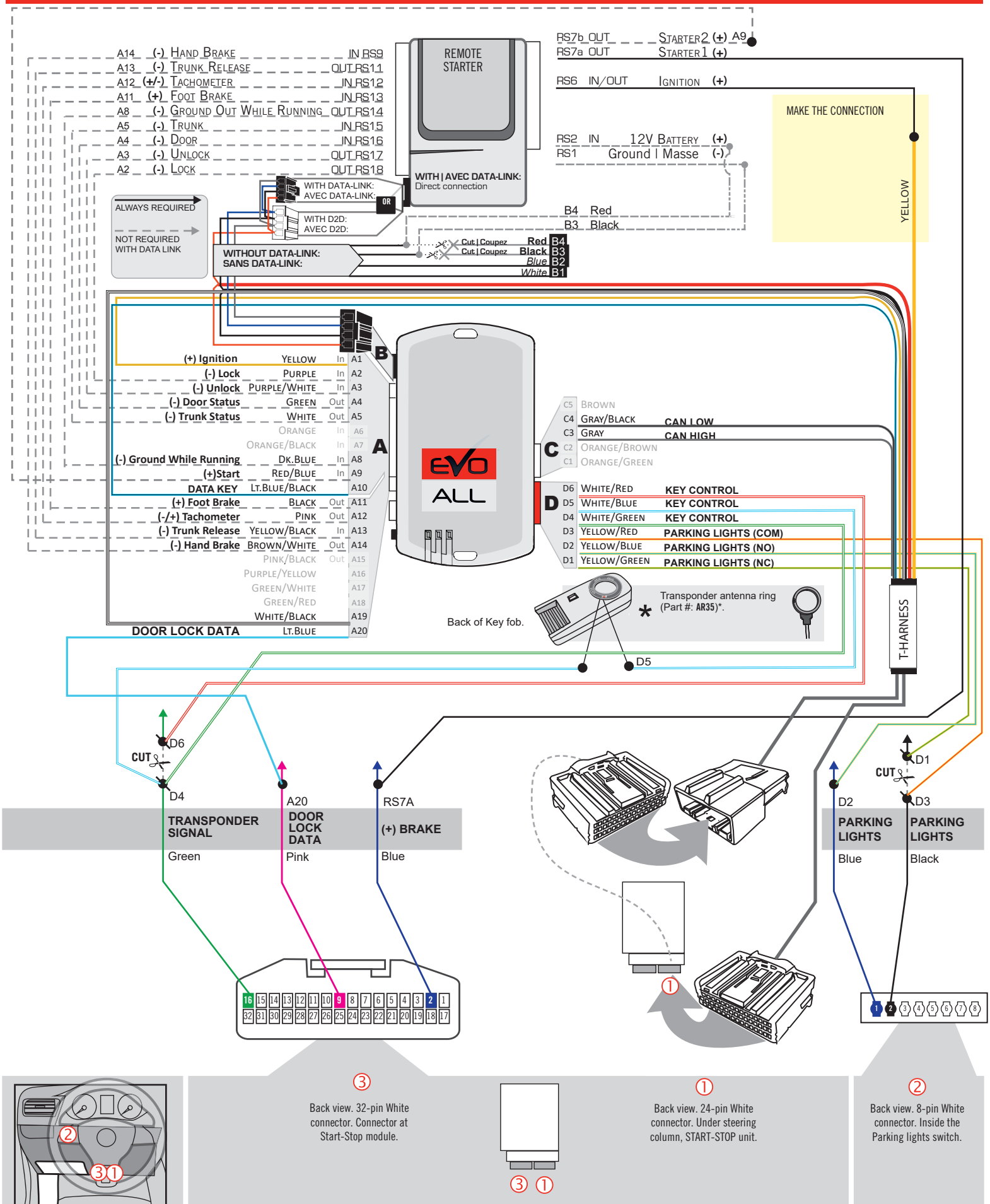
C

7

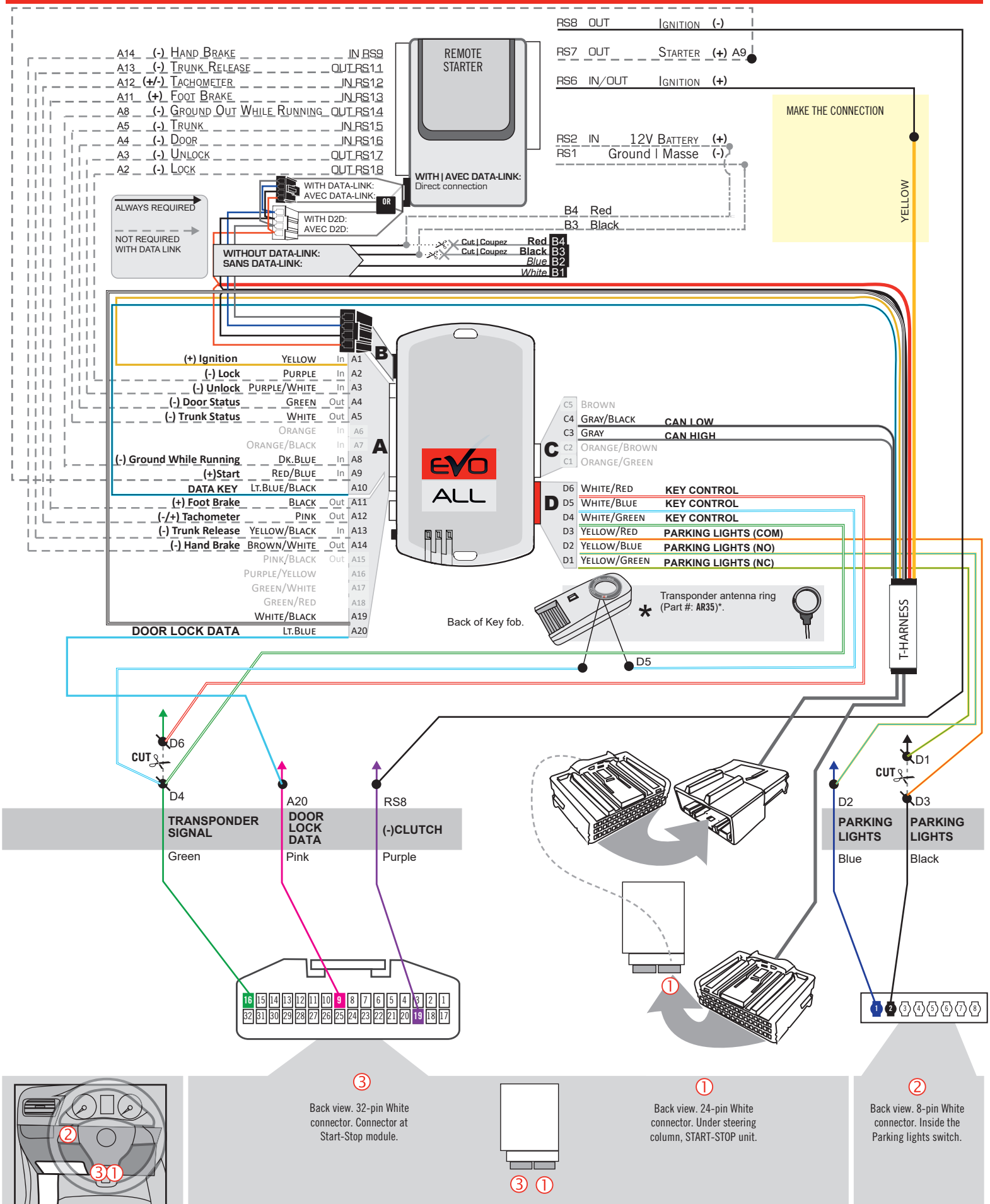
Make other required connections.

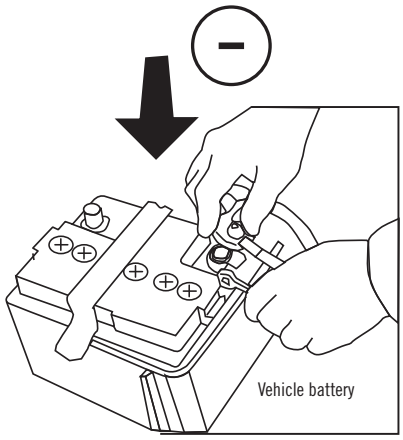
CONTINUED NEXT PAGE

AUTOMATIC TRANSMISSION WIRING CONNECTION



MANUAL TRANSMISSION WIRING CONNECTION



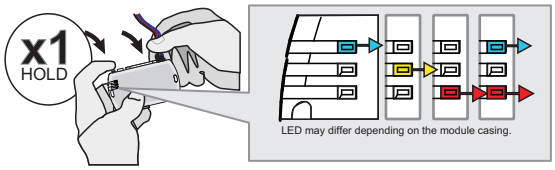


Reconnect the (-) terminal of the battery.

CONTINUED NEXT PAGE |

PROGRAMMING PROCEDURE

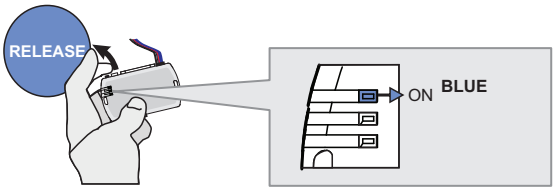
1



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

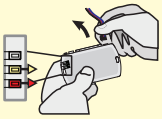
↳*The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

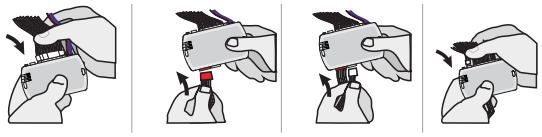


Release the programming button when the LED is BLUE.

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

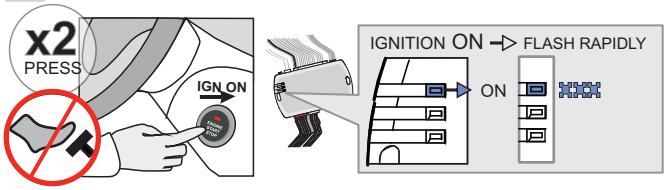


3



Insert the required remaining connectors.

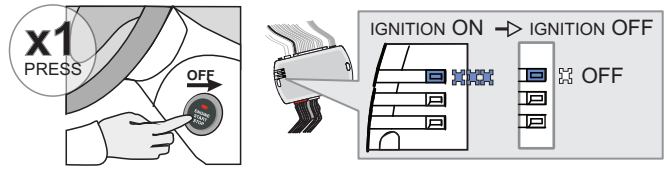
4



Do not press the brake pedal.
Press the Push-to-Start button twice to turn on the ignition.

↳*Wait for the BLUE LED will flash rapidly and constantly.*

5



Press the Push-to-Start button once to turn off the ignition.

↳*The BLUE LED will turn off.*

The module is now programmed.

REMOTE STARTER FUNCTIONALITY

All doors must be closed.

Remote start the vehicle.

Press the Unlock button of the remote car starter.

Enter the vehicle with the Intelligent Access Key.

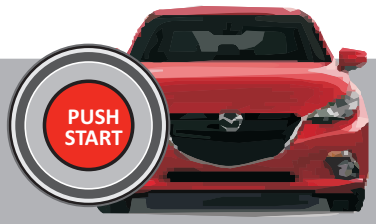
The vehicle can now be put in to gear and driven.

If the vehicle is not unlocked the module will shut down the remote-starter and the vehicle as soon as any door is opened.

MAZDA 3 - T-HARNESS MAZDA - STAND ALONE

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.
COMPATIBLE AVEC VÉHICULE À T



	VEHICLE	YEARS	Connection #			Vehicle functions supported in this diagram (functional if equipped)											
			REMOTE STARTER - NO DOORLOCK	*REMOTE STARTER & DOORLOCK CONTROL*	*VEHICLE WITHOUT OEM ALARM*	Immobilizer bypass	Lock	Unlock	Arm	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	Alarm mode
MAZDA																	
3	*Push-to-Start - Sedan / Hatchback - AT*	2014-2016	1	2	3	•	•	•	•	•	•	•	•	•	•	•	•

HARDWARE VERSION

MINIMUM **6**

71.[22]

FORD MINIMUM

Parts required (Not included)

1X 1K Ohm Resistor (with doorlock)
1X T-Harness Mazda1

FLASH LINK MANAGER

Software version 3.52 and more

FLASH LINK UPDATER 2

1X Microsoft Windows Computer & Internet connection

DCRYPTOR TECHNOLOGY

PARTS REQUIRED (NOT INCLUDED)

FLASH LINK UPDATER 2

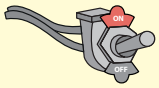
FLASH LINK MANAGER
SOFTWARE | PROGRAMME

Microsoft Windows Computer
(Internet connection required)

MANDATORY

HOOD PIN

REMOTE START SAFETY OVERRIDE SWITCH



Part #: RSPB availbale, 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

	UNIT OPTION	DESCRIPTION
Program bypass option:	D1	OEM Remote Stand Alone Remote Starter

	UNIT OPTION	DESCRIPTION
Program bypass option with oem remote:	C1	OEM Remote Monitoring

	UNIT OPTION	DESCRIPTION
Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and **select RF Kit**

REMOTE STARTER FUNCTIONNALITY

All doors must be closed.

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

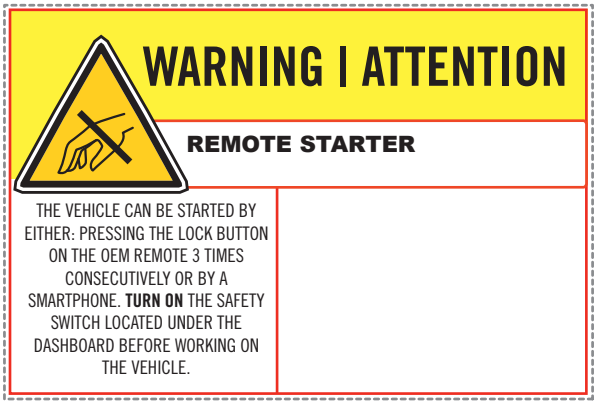
x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open

PARKING LIGHTS

x4 flash:	FOB in car
x5 flash:	Hood open
x6 flash:	Brake ON
x7 flash:	Door open
x8 flash:	Bad Encryption/ key code

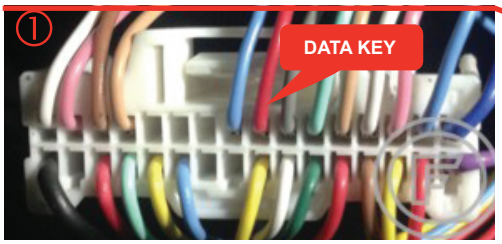
REMOTE STARTER WARNING CARD

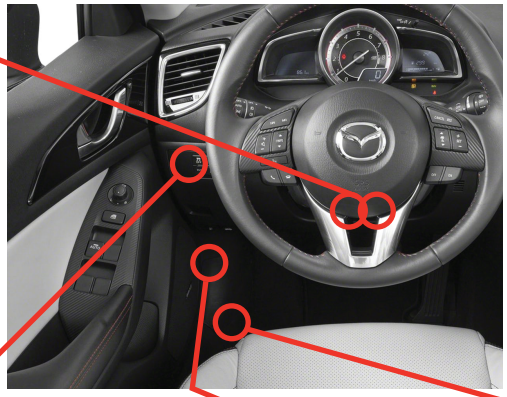
CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
or use the package **RSPB**, Sold separately.



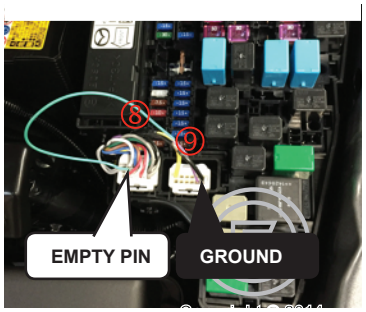
DESCRIPTION

① ② Under steering column, START-STOP unit





⑧ ⑨ Engine compartment
- without OEM hood pin



③ Parking Light connector

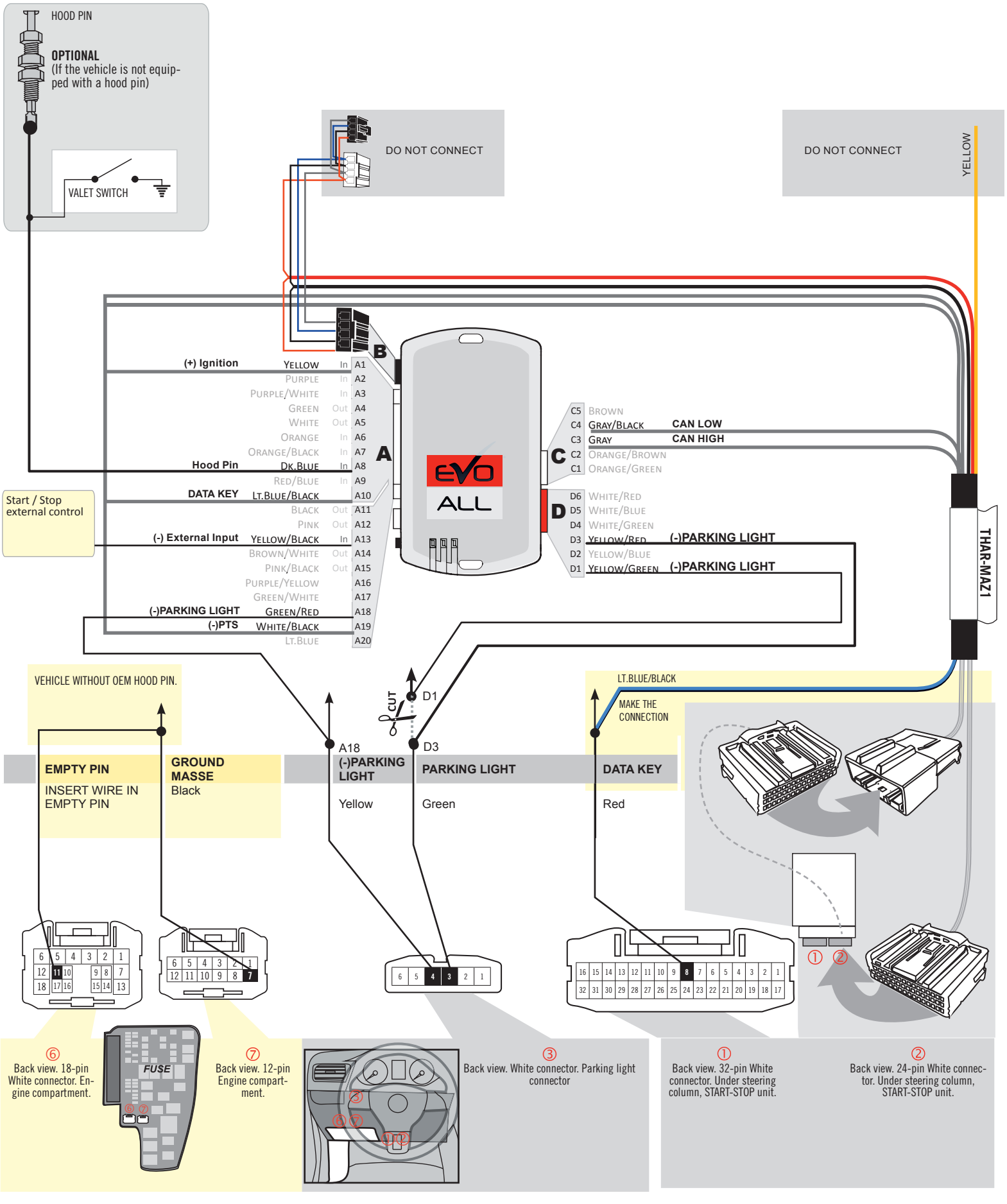
⑤ driver kick panel.

⑥ driver kick panel.

CONNECTION 1

REMOTE CAR STARTER ONLY - DOORLOCK BY OEM REMOTE

AUTOMATIC TRANSMISSION ONLY



CONNECTION 2

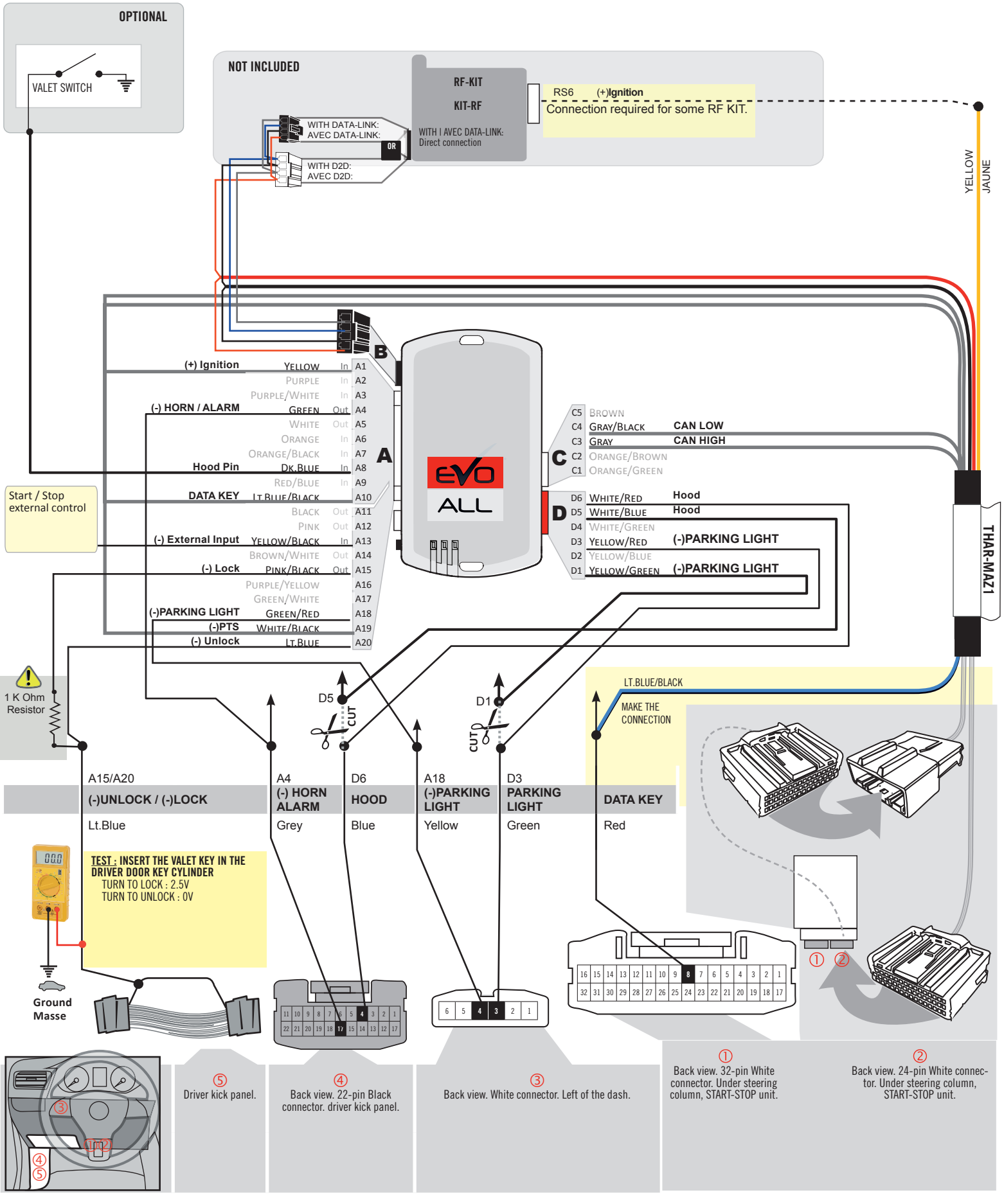
REMOTE CAR STARTER AND DOORLOCK

Program bypass option:

UNIT OPTION	DESCRIPTION
C1	OEM Remote status (Lock/Unlock) monitoring
G1	Evo Alarm enable

CONNECTION 2

REMOTE CAR STARTER AND DOORLOCK
AUTOMATIC TRANSMISSION ONLY



⑤ Driver kick panel.

④ Back view. 22-pin Black connector. driver kick panel.

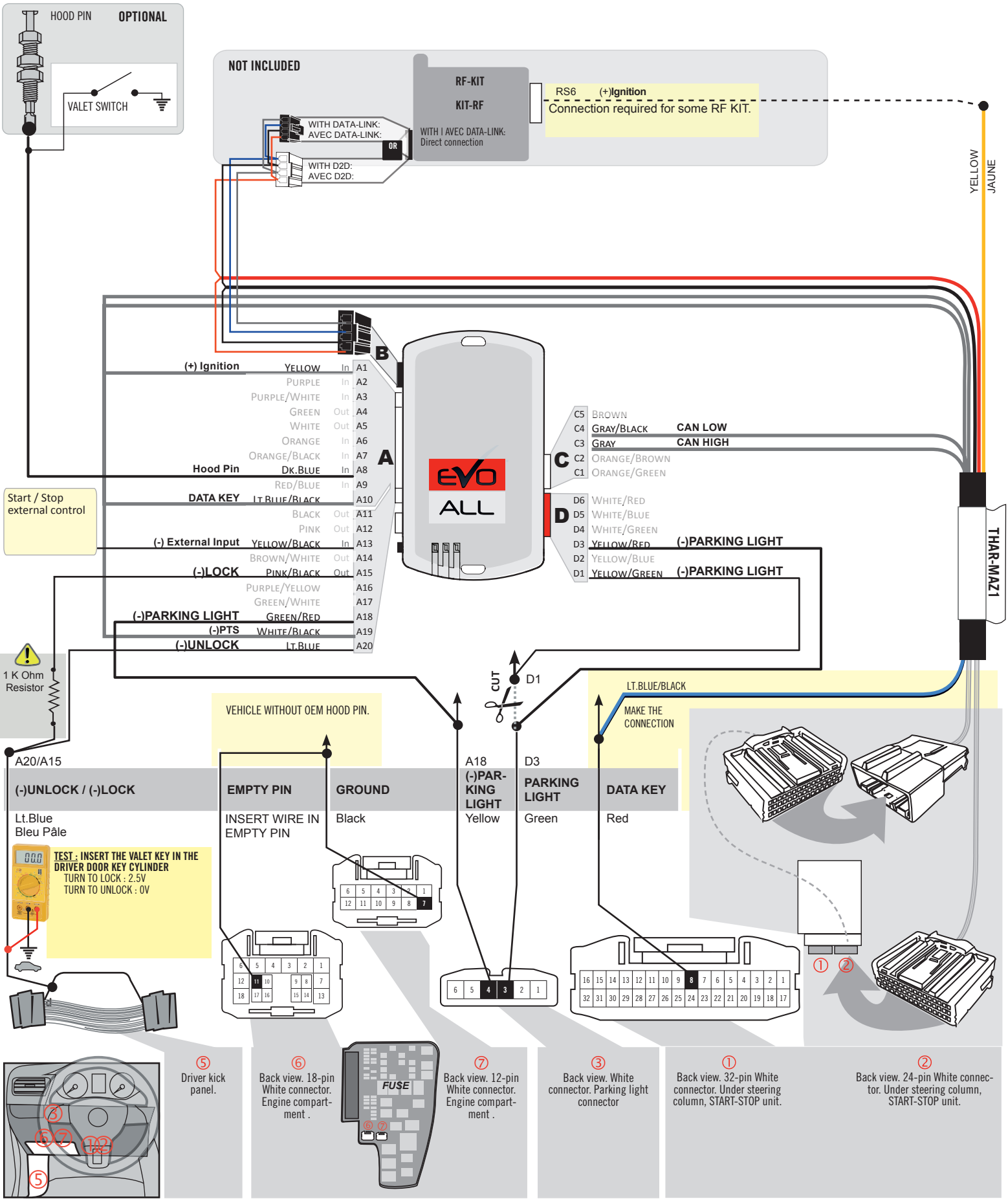
③ Back view. White connector. Left of the dash.

① Back view. 32-pin White connector. Under steering column, START-STOP unit.

② Back view. 24-pin White connector. Under steering column, START-STOP unit.

CONNECTION 3

VEHICLE WITHOUT HOOD PIN & WITHOUT OEM ALARM
AUTOMATIC TRANSMISSION ONLY



KEY BYPASS PROGRAMMING PROCEDURE 1/5

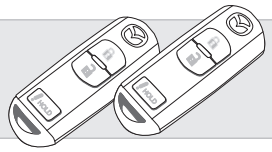
x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

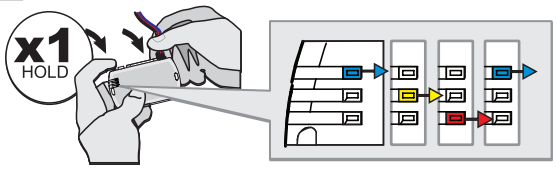
- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



Make sure to have two valide vehicle key.

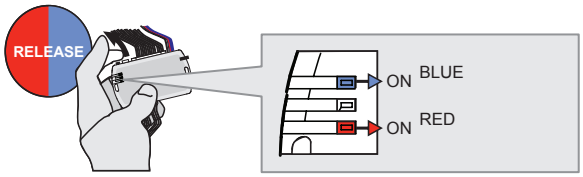
1



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

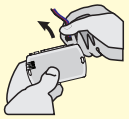
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

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) and go back to step1.



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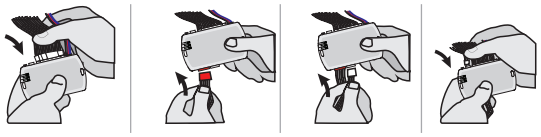
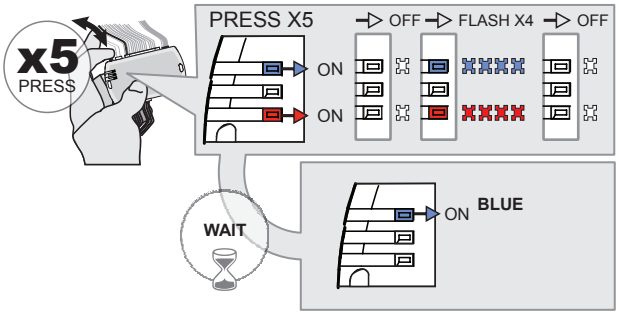


Connect the required remaining harnesses.

4



Press and release the programming button five times (5x).

↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

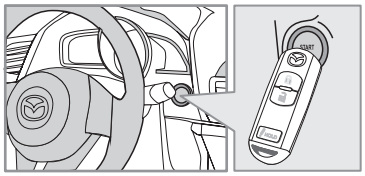
↳ ***Wait** for the Blue LED to turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 2/5

KEY#1

5



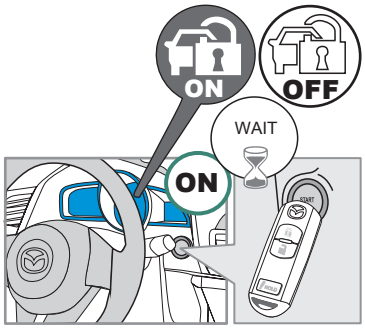
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

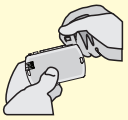
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



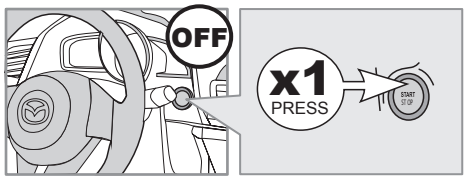
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



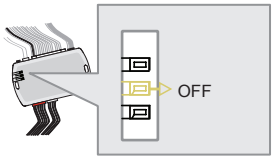
Wait for the security indicator to turn OFF (around 3 seconds).

8

IMMEDIATELY



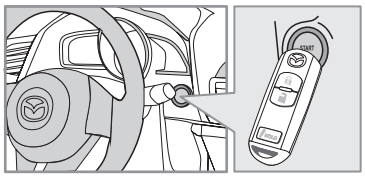
Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Yellow Led will turn OFF.*

KEY#2

9



Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

Press the START/STOP button twice to activate the vehicle's Ignition.

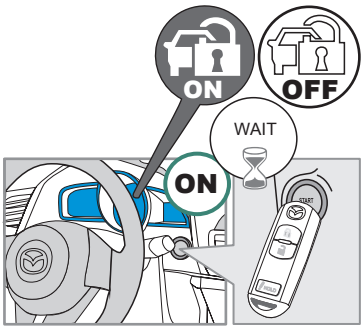
↳ *The Yellow LED will turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 3/5

KEY#2

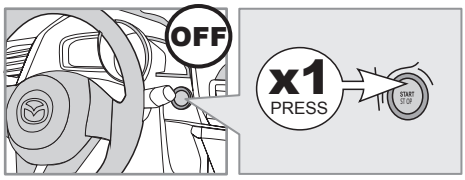
11



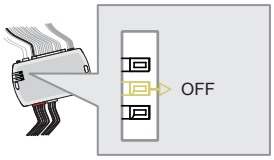
Wait for the security indicator to turn OFF (around 3 seconds).

12

IMMEDIATELY

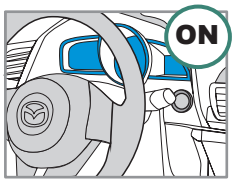


Press the START/STOP button once to deactivate the vehicle's Ignition.

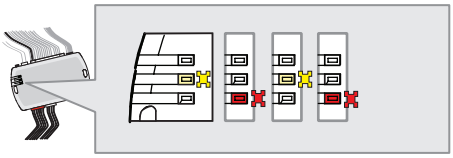


↳ *The Yellow Led will turn OFF.*

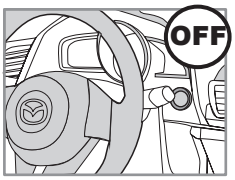
13



The vehicle's ignition will turn ON

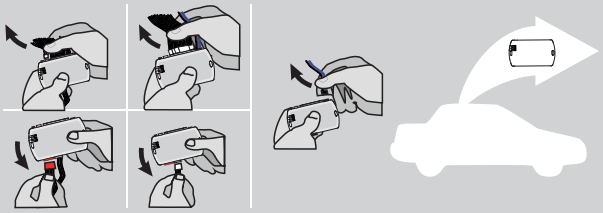


↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

14

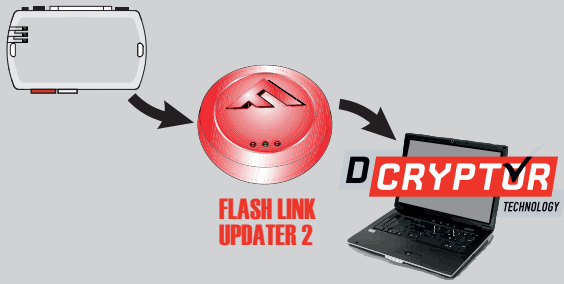


Disconnect all the connectors and after the Data-Link (4-pins) connector.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 4/5

15



Connect the module to the FLASH LINK UPDATER 2 and **visit** the DCryptor menu in the Flash-Link Manager.

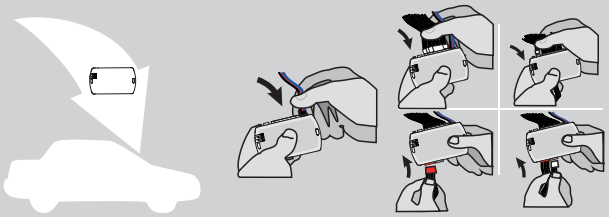
Parts required (not included)

FLASH LINK UPDATER 2

FLASH LINK MANAGER
SOFTWARE | PROGRAMME

Microsoft Windows Computer with Internet connection

16



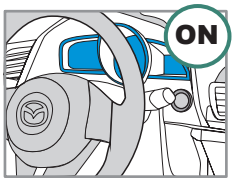
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

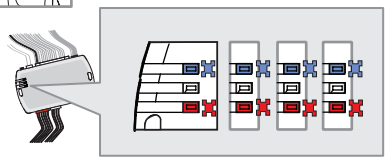
1 - 12

Repeat step 1 to 12.

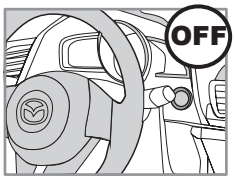
18



The vehicle's ignition will turn ON

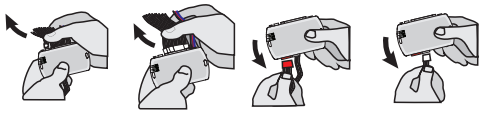


↳ *The Blue and Red LEDs will flash.*



The vehicle's Ignition will turn OFF.

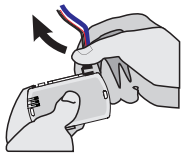
19



Disconnect all Harness

20

et ensuite:



Disconnect the 4-PIN Data-link harness (Black connector).

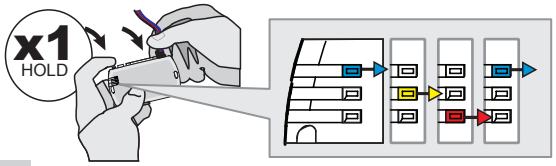
CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 5/5

CAN PROGRAMMING PROCEDURE

21

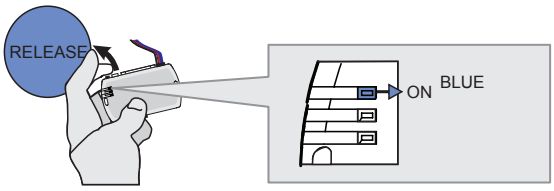
CAUTION FOR: EVO-ALARM OPTION
If the module GREEN (A4) wire is connected to the HORN make sure that the option G1 (EVO-ALARM) is enabled before CAN programming.



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

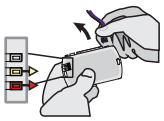
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

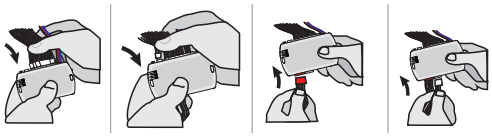


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

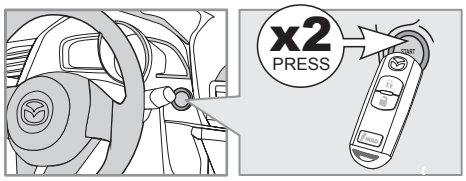


23

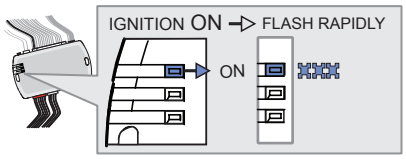


Connect the required remaining harnesses.

24

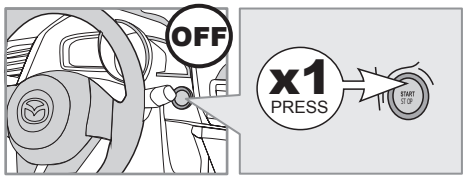


Press the START/STOP button twice to activate the vehicle's Ignition.

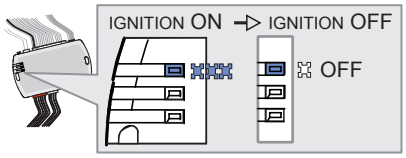


↳ *The Blue LED will flash rapidly.*

25



Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

The module is now programmed.

REMOTE STARTER FUNCTIONALITY

All doors must be closed.

Do not remote-start with the OEM remote inside the vehicle.

Never remote-start with a passenger inside the vehicle.

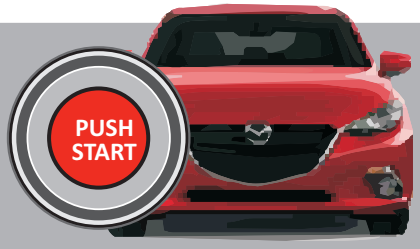
Remote start the vehicle.

The module will shut down the vehicle as soon as a door is opened.

STAND ALONE THAR-MAZ1 THARNESS INSTALLATION - 2 KEYS PROGRAMMING

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.



	VEHICLE	YEARS	Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
	Vehicle functions supported in this diagram (functional if equipped)														
MAZDA															
3	*Push-to-Start - Sedan / Hatchback - Automatic transmission only* *Push-to-Start - Sedan / Hatchback - transmission automatique seulement*	2014-2018	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

85.[11]

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 NON**	Hood trigger (Output Status).

Program bypass option:	**UNIT OPTION**	**DESCRIPTION**
	C1	OEM Remote status (Lock/Unlock) monitoring

NOTES

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

Parts required (Not included)

1X 10 AMP 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

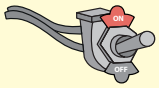
OR

1x **FLASH LINK MOBILE**
1x **FLASH LINK MOBILE APP**
1x 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
OEM Remote Stand Alone Remote Starter:

UNIT OPTION	DESCRIPTION
OR **D1.10** LOCK LOCK LOCK	**By default**, LOCK, LOCK, LOCK **Par défaut,** VERROUILLE,VERROUILLE,VERROUILLE
D1.1 LOCK UNLOCK LOCK	

Program bypass option with oem remote:

UNIT OPTION	DESCRIPTION
C1	OEM Remote Monitoring

Program bypass option with RF KIT antenna:

UNIT OPTION	DESCRIPTION
H1 to H6	Supported RF Kits and **select RF Kit**

REMOTE STARTER FUNCTIONALITY

All doors must be closed.

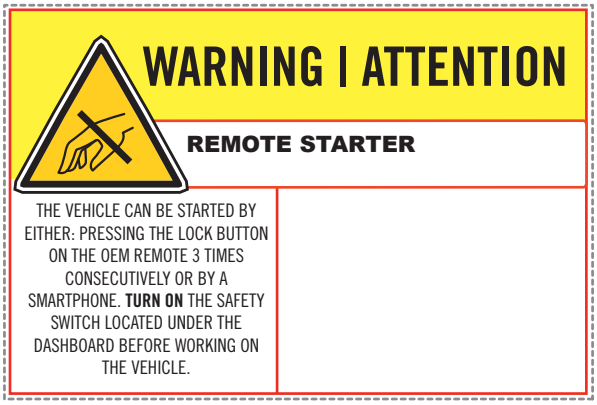
Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.

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
PARKING LIGHTS	
x4 flash:	FOB in car
x5 flash:	Hood open
x6 flash:	Brake ON
x7 flash:	Door open
x8 flash:	Bad Encryption/ key code

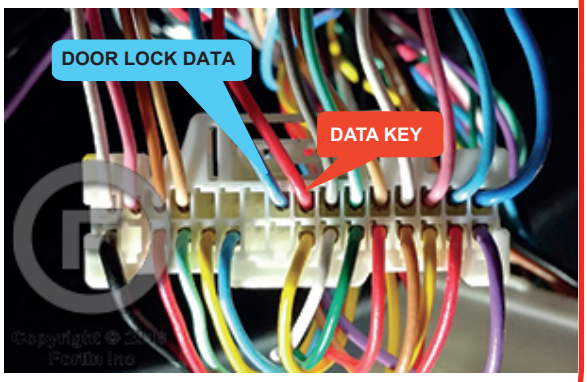
REMOTE STARTER WARNING CARD

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

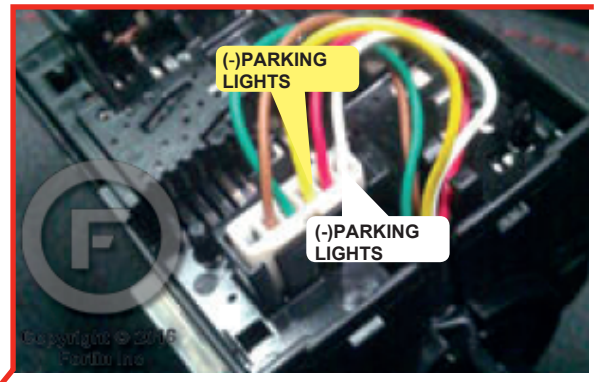


DESCRIPTION

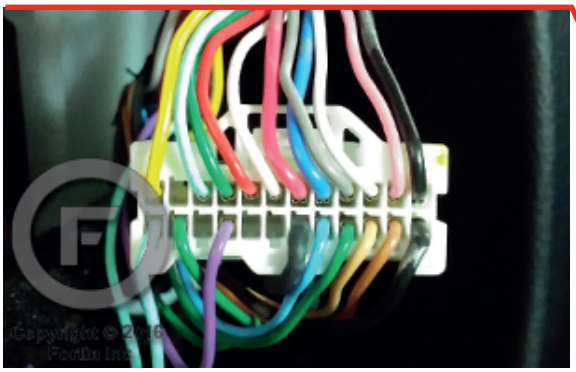
① Under steering column, START-STOP unit



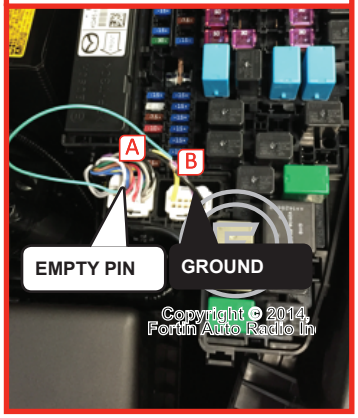
③ At parking lights switch



② Under steering column, START-STOP unit



④ Engine compartment
- without OEM ALARM

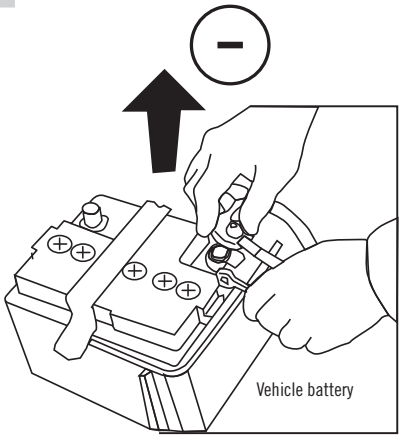


ATTENTION

Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect the negative terminal from the vehicle's battery.

In these vehicles, the factory keyless entry module is sensitive to interference and may cease to operate if some precautions are not taken. Disconnect the (-) terminal of the battery prior to disconnecting the connectors at the smartkey module below the steering wheel to avoid damage to the smartkey entry module.

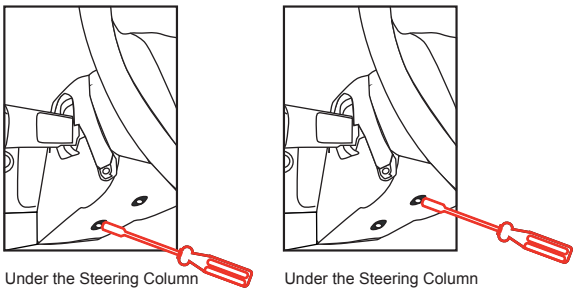
1



Disconnect the (-) terminal of the battery.

Débranchez le borne négative de la batterie du véhicule.

2

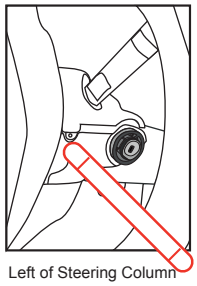


Under the Steering Column

1 Unscrew.

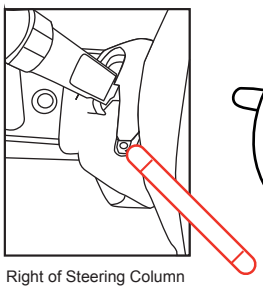
Under the Steering Column

2 Unscrew



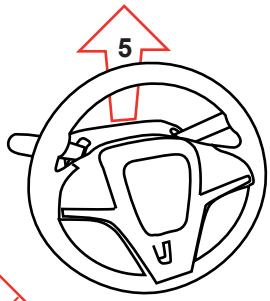
Left of Steering Column

3 Onclip



Right of Steering Column

4 Onclip



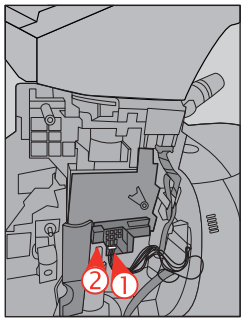
5 Gently pull up the cover of the steering column.

3

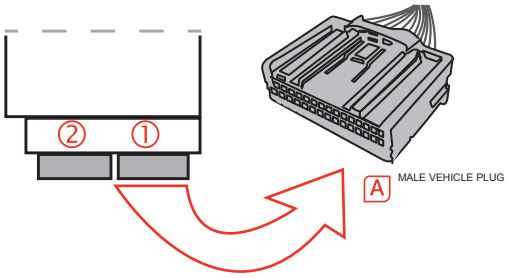
Make the following connections.

CONTINUED NEXT PAGE

4



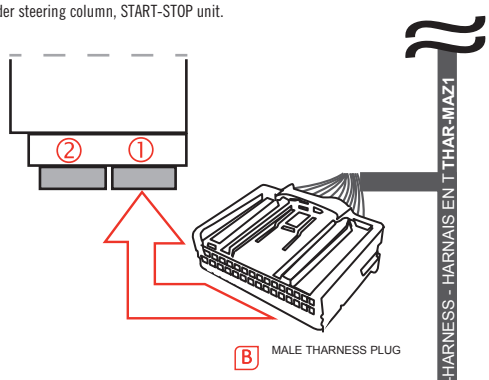
Under steering column, START-STOP unit.



Disconnect the connector
A

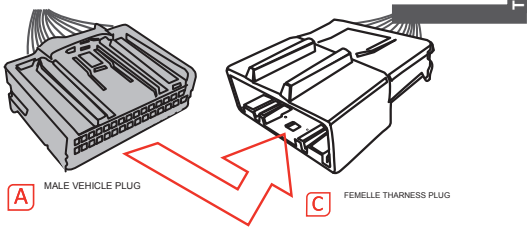
5

Under steering column, START-STOP unit.



Connect the connector
B

6



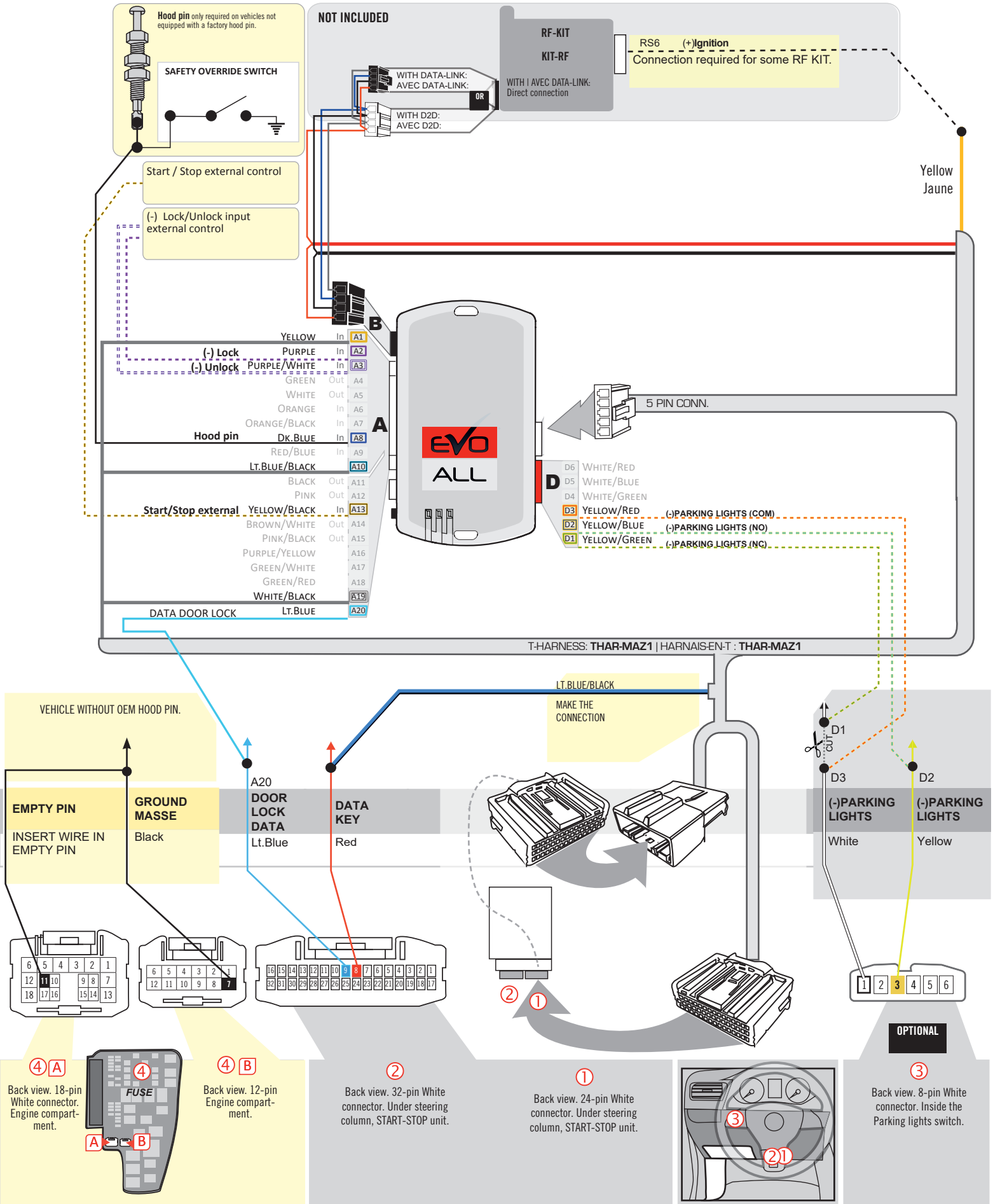
Connect the connector
A
into connector
C

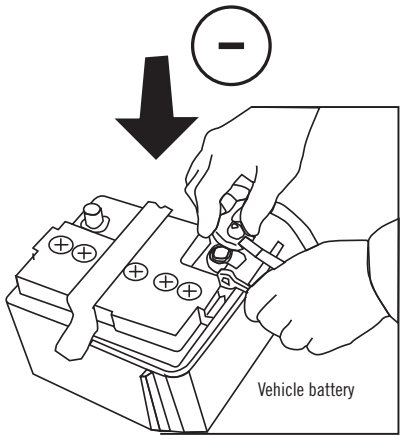
7

Make other required connections.

CONTINUED NEXT PAGE

AUTOMATIC TRANSMISSION WIRING CONNECTION





Reconnect the (-) terminal of the battery.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 1/6

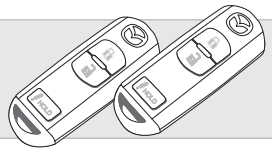
x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

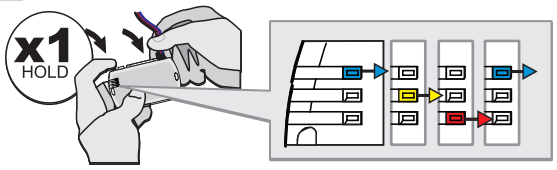
- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



Make sure to have two valide vehicle key.

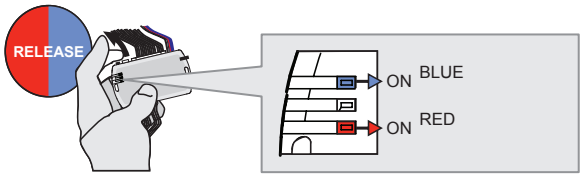
1



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

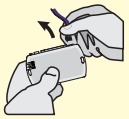
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

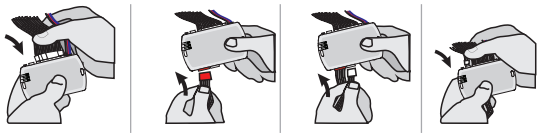


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector) and go back to step1.

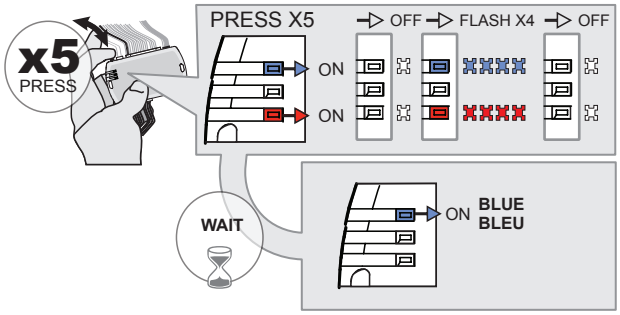


3



Connect the required remaining harnesses.

4



Press and release the programming button five times (5x).

↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

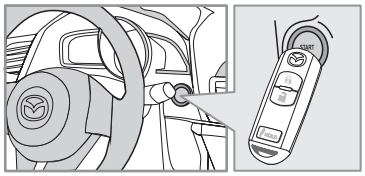
↳ ***Wait** for the Blue LED to turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 2/5

KEY#1

5



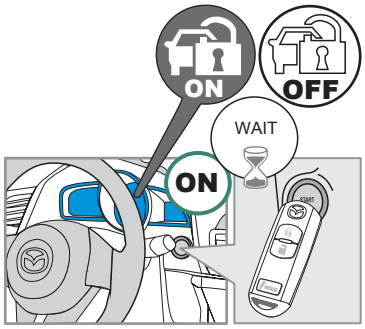
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

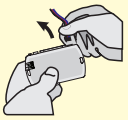
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



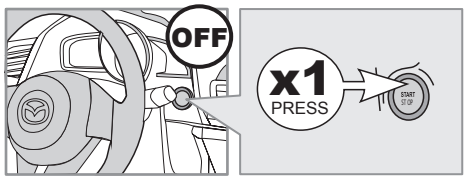
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



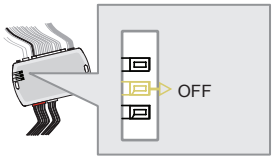
Wait for the security indicator to turn OFF (around 3 seconds).

IMMEDIATELY

8



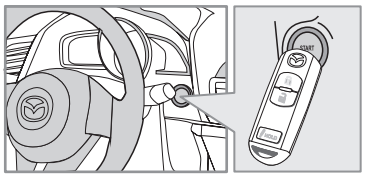
Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Yellow Led will turn OFF.*

KEY#2

9



Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

Press the START/STOP button twice to activate the vehicle's Ignition.

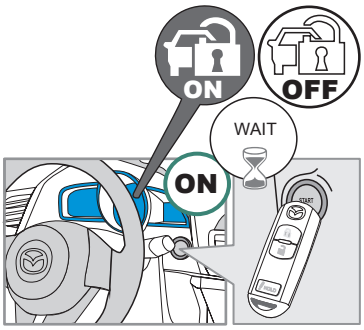
↳ *The Yellow LED will turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 3/6

KEY#2

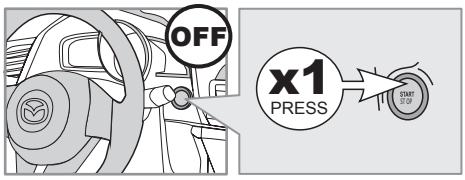
11



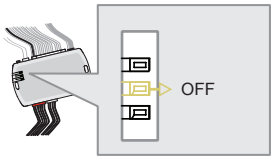
Wait for the security indicator to turn OFF (around 3 seconds).

12

IMMEDIATELY

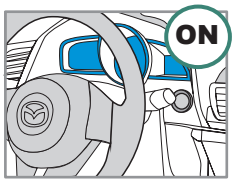


Press the START/STOP button once to deactivate the vehicle's Ignition.

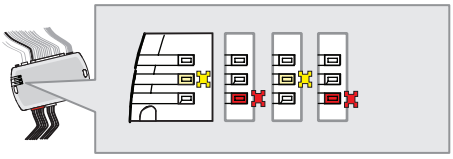


↳ *The Yellow Led will turn OFF.*

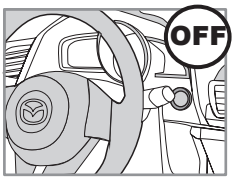
13



The vehicle's ignition will turn ON

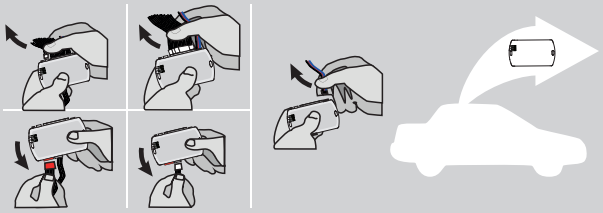


↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

14

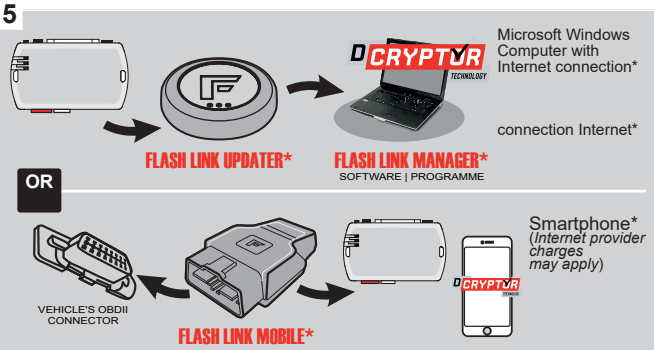


Disconnect all the connectors and after the Data-Link (4-pins) connector.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 4/6

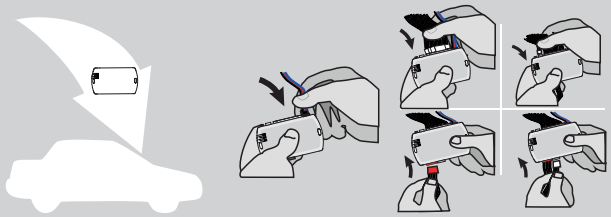
15



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

*Parts required (not included)

16



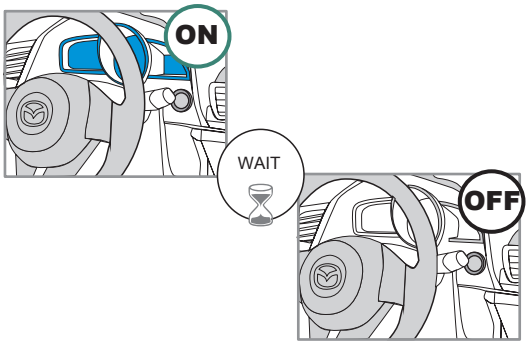
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

1 - 12

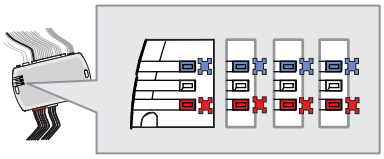
Repeat step 1 to 12.

18



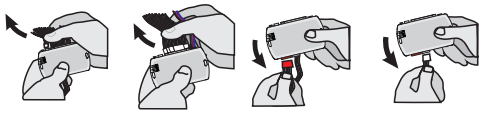
The vehicle's ignition will turn ON

The vehicle's Ignition will turn OFF.



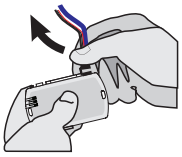
↳ *The Blue and Red LEDs will flash.*

19



Disconnect all Harness

20



Next:

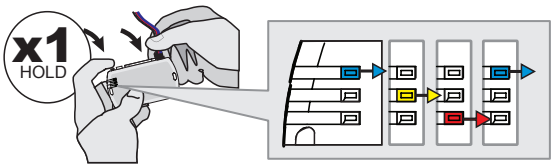
Disconnect the 4-PIN Data-link harness (Black connector).

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 5/6

CAN PROGRAMMING PROCEDURE

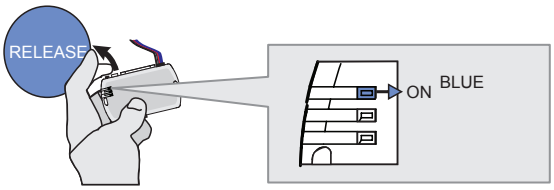
21



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

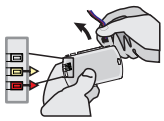
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

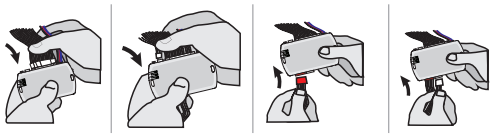


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

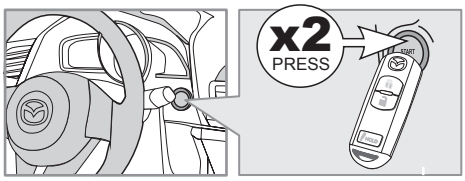


23

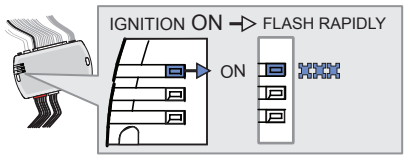


Connect the required remaining harnesses.

24

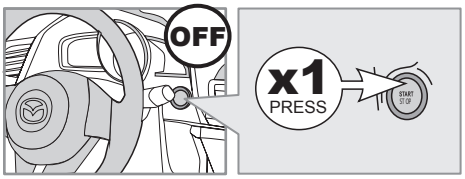


Press the START/STOP button twice to turn ON the vehicle's Ignition.

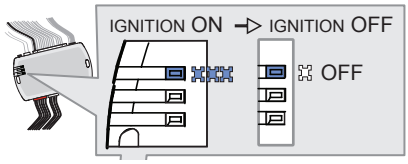


↳ *The Blue LED will flash rapidly.*

25



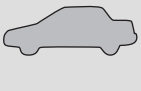
Press the START/STOP button once to turn OFF the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

The module is now programmed.

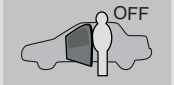
REMOTE STARTER FUNCTIONALITY |



All doors must be closed.

Remote start the vehicle.

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



The module will shut down the vehicle as soon as the drivers door is opened.

Enter the vehicle with the Smart-Key.

Press the brake pedal or the clutch for the manual transmission.

Press the Push-to-Start button to start the vehicle.

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

STAND ALONE THAR-MAZ1 THARNESS INSTALLATION - 2 KEYS PROGRAMMING

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

VEHICLE	YEARS	Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
		Vehicle functions supported in this diagram (functional if equipped)												
6 *Push-to-Start - Automatic transmission only*	2021	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

85.[11]

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

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

Parts required (Not included)

1X 10 AMP 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
1x Microsoft Windows Computer with Internet connection

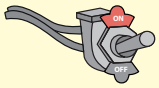
OR

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
OEM Remote Stand Alone Remote Starter:

UNIT OPTION	DESCRIPTION
OR **D1.10** LOCK LOCK LOCK	**By default**, LOCK, LOCK, LOCK **Par défaut,** VERROUILLE,VERROUILLE,VERROUILLE
D1.1 LOCK UNLOCK LOCK	

Program bypass option with oem remote:

UNIT OPTION	DESCRIPTION
C1	OEM Remote Monitoring

Program bypass option with RF KIT antenna:

UNIT OPTION	DESCRIPTION
H1 to H6	Supported RF Kits and **select RF Kit**

REMOTE STARTER FUNCTIONALITY

All doors must be closed.

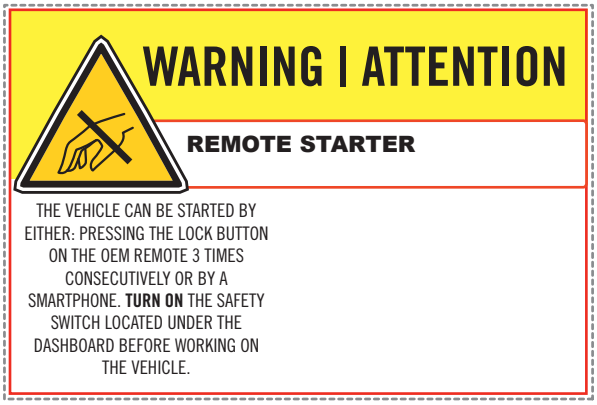
Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.

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
PARKING LIGHTS	
x4 flash:	FOB in car
x5 flash:	Hood open
x6 flash:	Brake ON
x7 flash:	Door open
x8 flash:	Bad Encryption/ key code

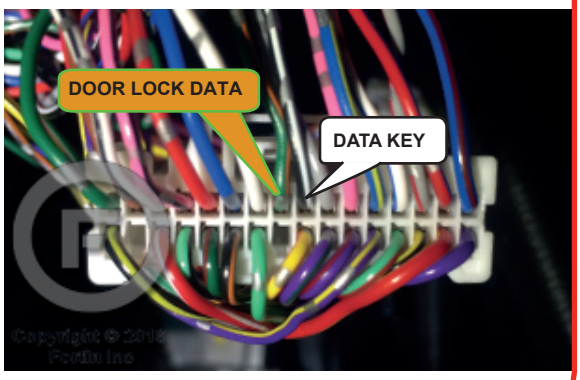
REMOTE STARTER WARNING CARD

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

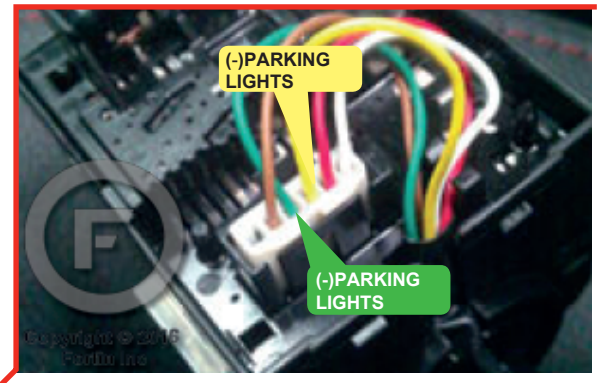


DESCRIPTION

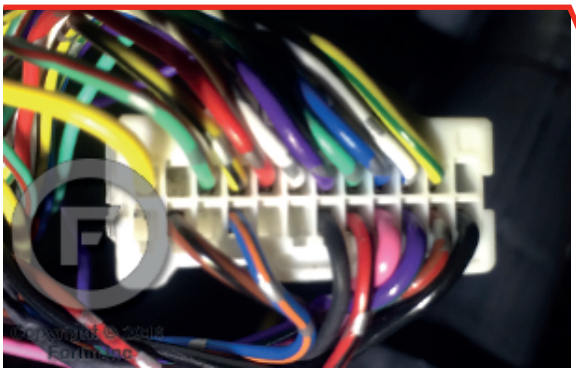
① Under steering column, START-STOP unit



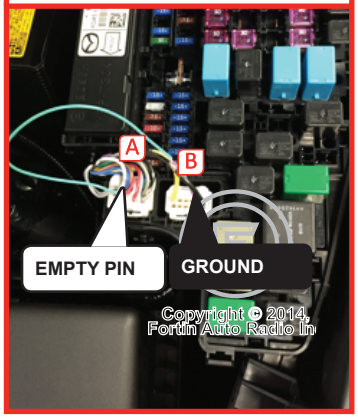
③ At parking lights switch



② Under steering column, START-STOP unit



④ Engine compartment
- without OEM ALARM

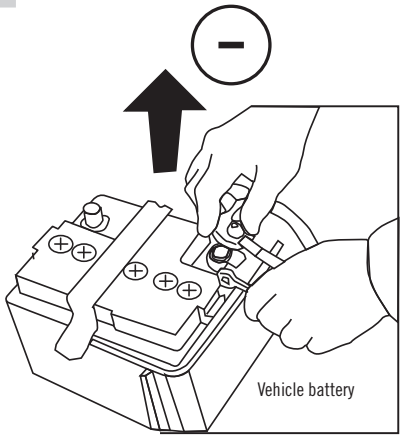


ATTENTION

Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect the negative terminal from the vehicle's battery.

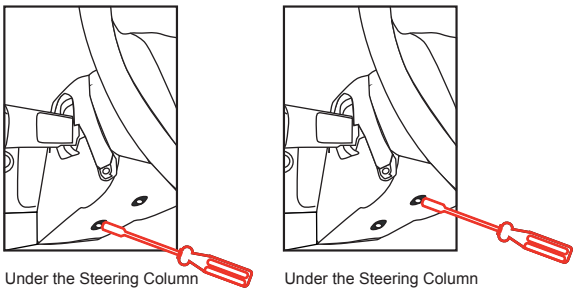
In these vehicles, the factory keyless entry module is sensitive to interference and may cease to operate if some precautions are not taken. Disconnect the (-) terminal of the battery prior to disconnecting the connectors at the smartkey module below the steering wheel to avoid damage to the smartkey entry module.

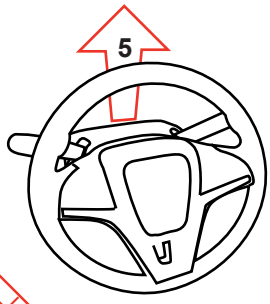
1



Disconnect the (-) terminal of the battery.

2





1 Unscrew.

2 Unscrew

3 Onclip

4 Onclip

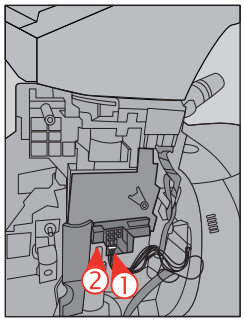
5 Gently pull up the cover of the steering column.

3

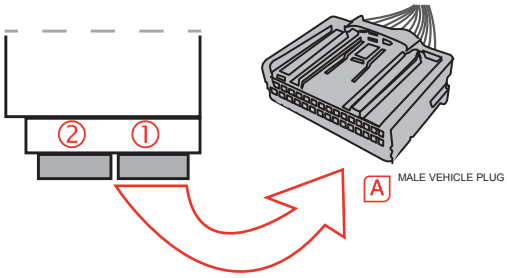
Make the following connections.

CONTINUED NEXT PAGE

4



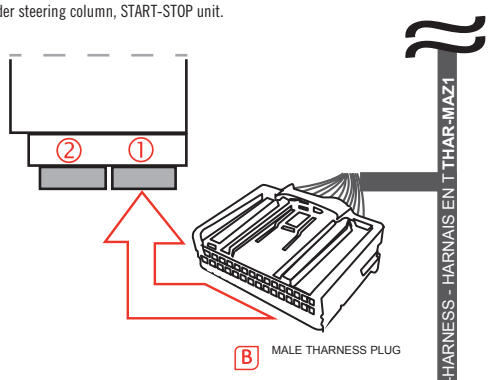
Under steering column, START-STOP unit.



Disconnect the connector
A

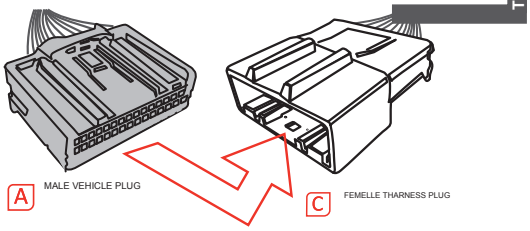
5

Under steering column, START-STOP unit.



Connect the connector
B

6



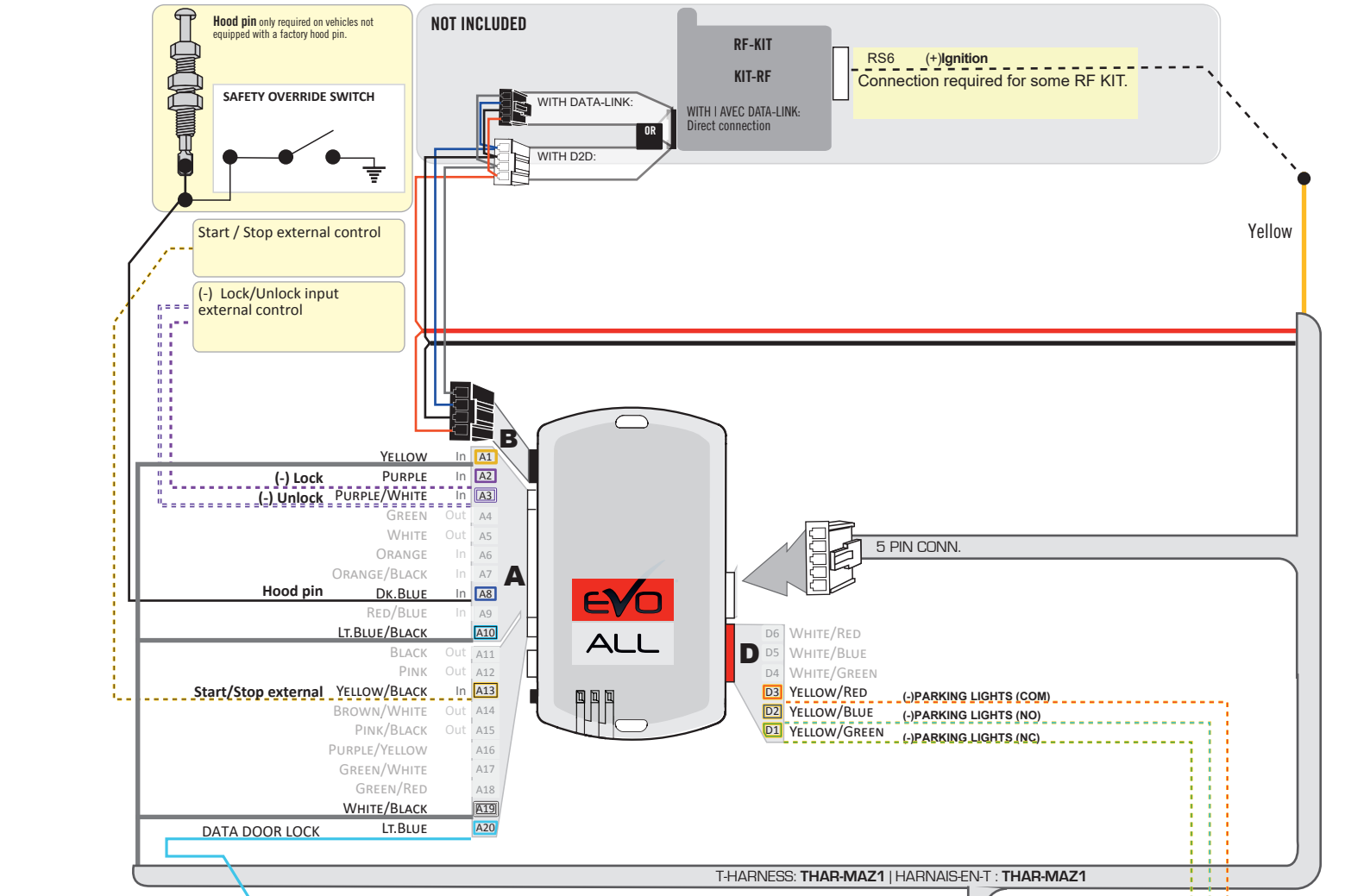
Connect the connector
A
into connector
C

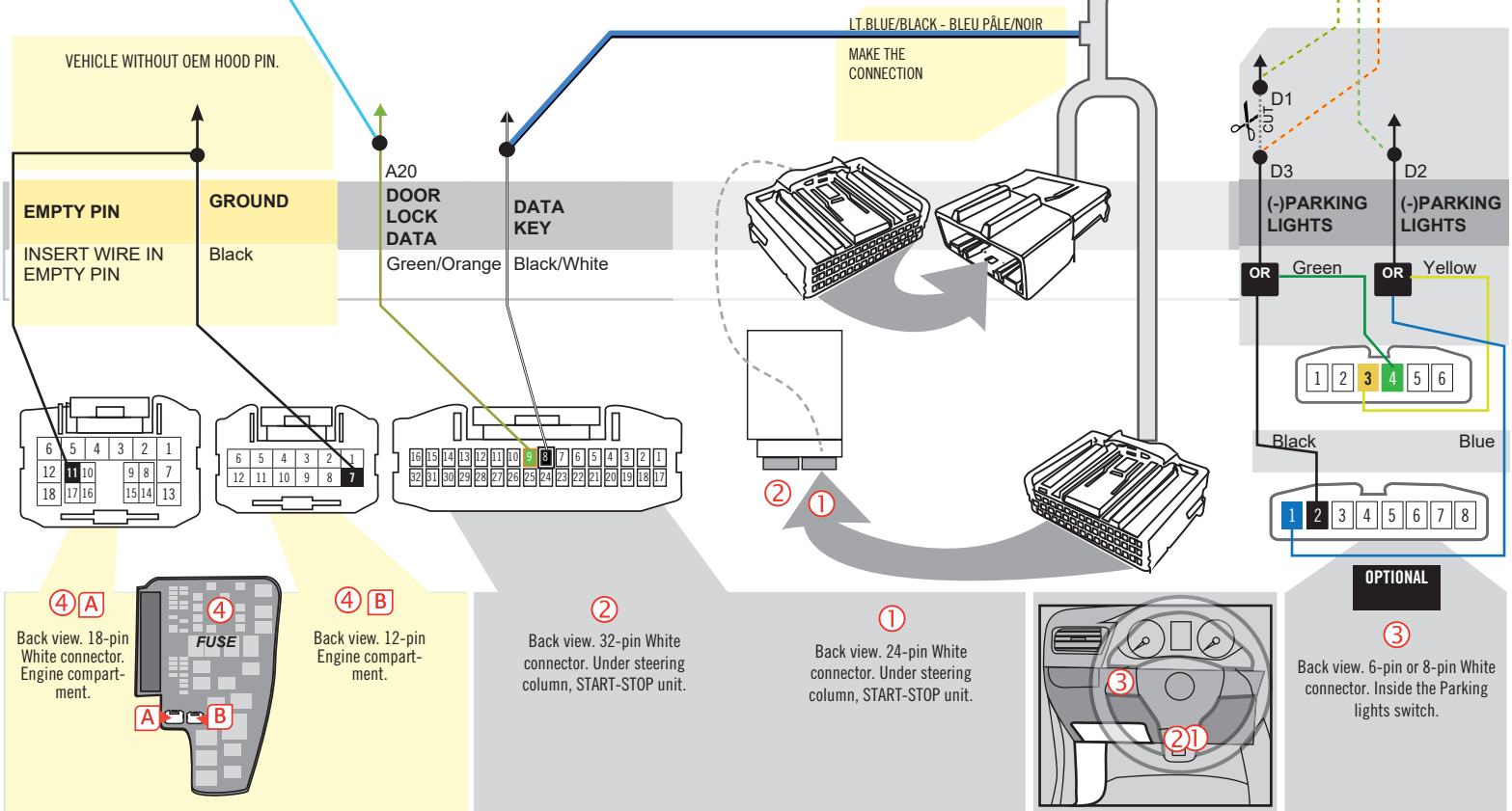
7

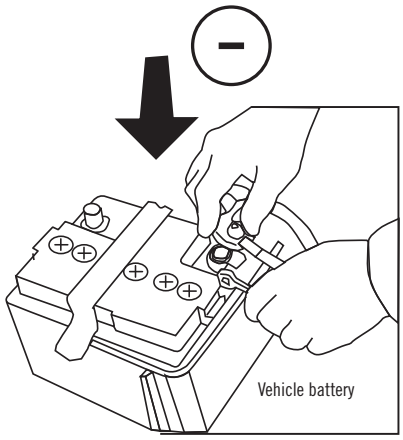
Make other required connections.

CONTINUED NEXT PAGE

AUTOMATIC TRANSMISSION WIRING CONNECTION







Reconnect the (-) terminal of the battery.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 1/6

x3 max.

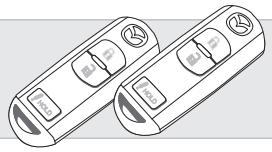
Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

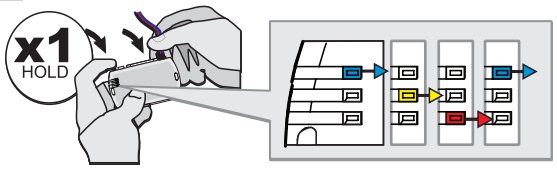
If no connection errors can be found then please contact technical support assistance.

DO NOT REPROGRAM ANOTHER MODULE UNLESS INSTRUCTED TO DO SO BY TECHNICAL SUPPORT.



Make sure to have two valide vehicle key.

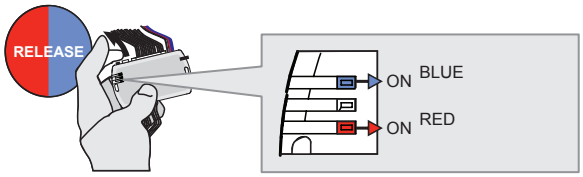
1



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

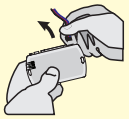
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

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) and go back to step1.



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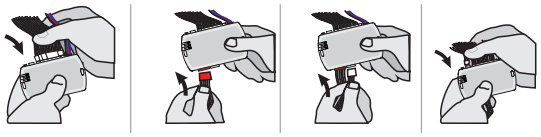
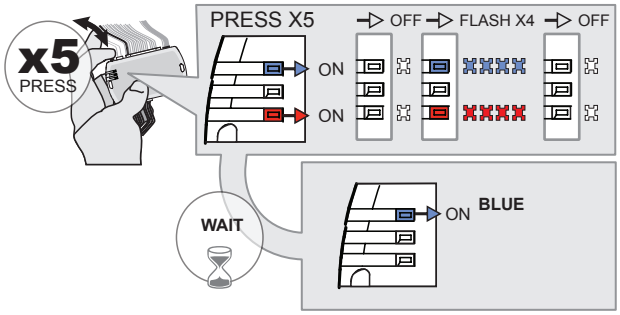


Connect the required remaining harnesses.

4



Press and release the programming button five times (5x).

↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

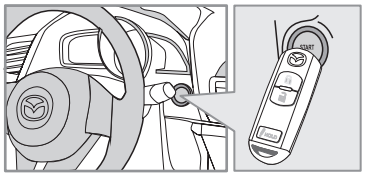
↳ ***Wait** for the Blue LED to turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 2/5

KEY#1

5



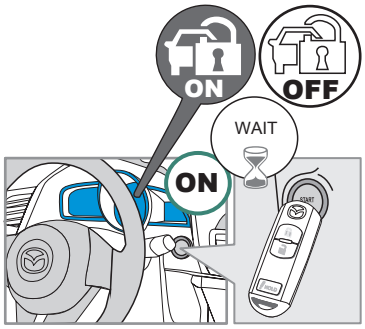
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

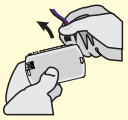
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



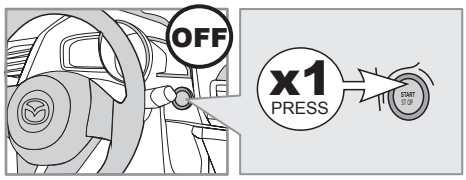
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



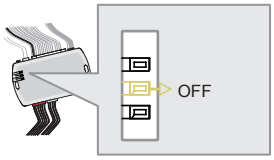
Wait for the security indicator to turn OFF (around 3 seconds).

IMMEDIATELY

8



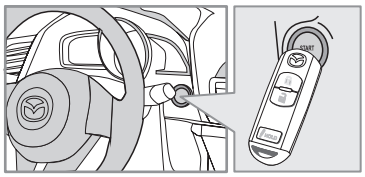
Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Yellow Led will turn OFF.*

KEY#2

9



Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

Press the START/STOP button twice to activate the vehicle's Ignition.

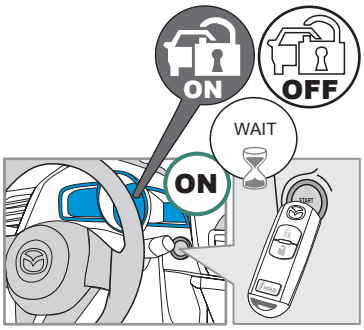
↳ *The Yellow LED will turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 3/6

KEY#2

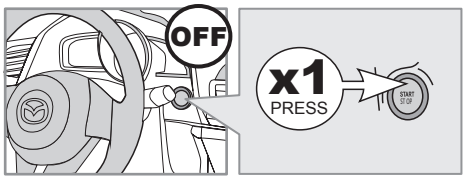
11



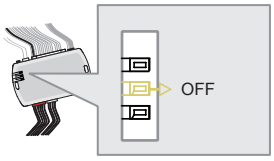
Wait for the security indicator to turn OFF (around 3 seconds).

12

IMMEDIATELY

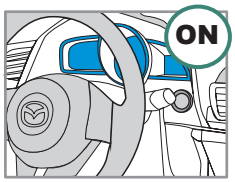


Press the START/STOP button once to deactivate the vehicle's Ignition.

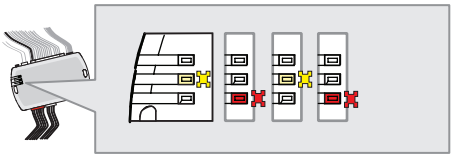


↳ *The Yellow Led will turn OFF.*

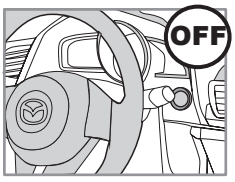
13



The vehicle's ignition will turn ON

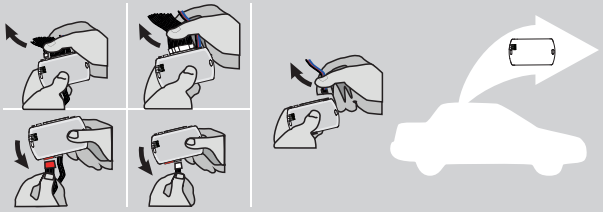


↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

14

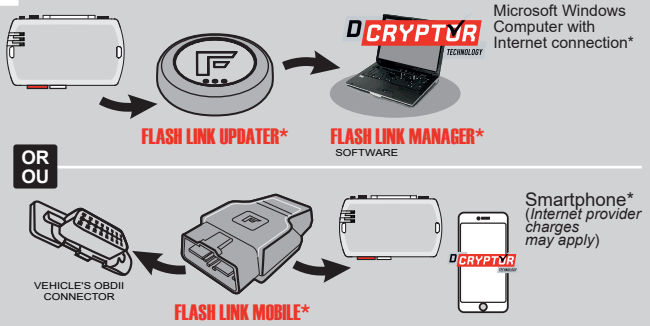


Disconnect all the connectors and after the Data-Link (4-pins) connector.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 4/6

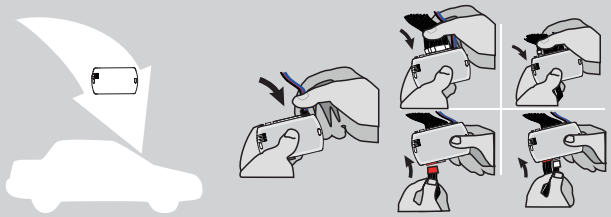
15



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

*Parts required (not included)

16



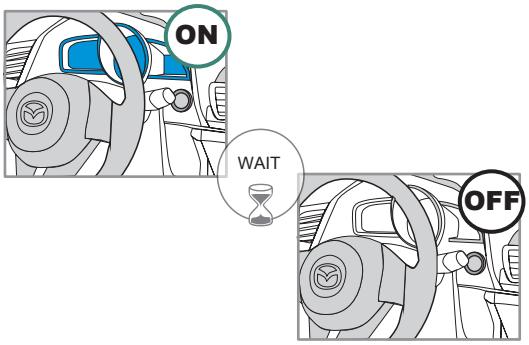
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

1 - 12

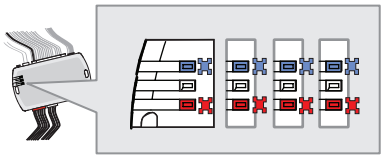
Repeat step 1 to 12.

18



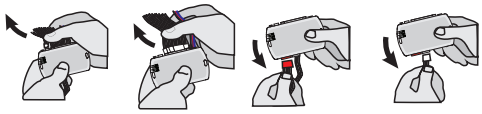
The vehicle's ignition will turn ON

The vehicle's Ignition will turn OFF.



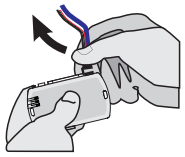
↳ *The Blue and Red LEDs will flash.*

19



Disconnect all Harness

20



Next:

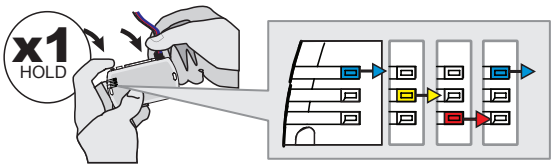
Disconnect the 4-PIN Data-link harness (Black connector).

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 5/6

CAN PROGRAMMING PROCEDURE

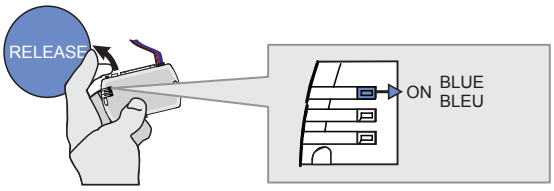
21



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

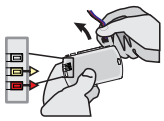
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

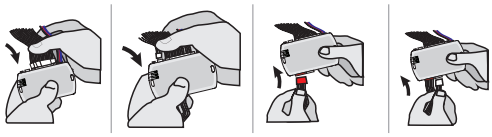


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

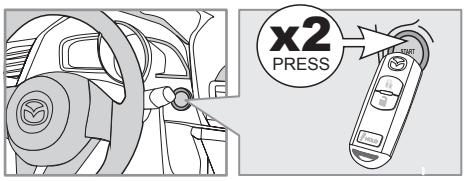


23

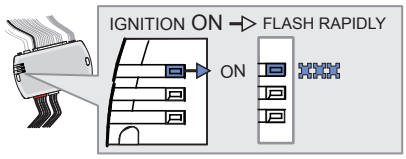


Connect the required remaining harnesses.

24

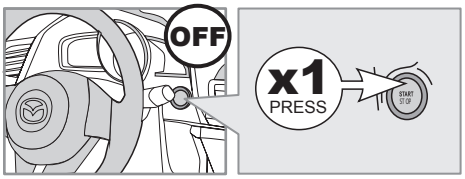


Press the START/STOP button twice to turn ON the vehicle's Ignition.

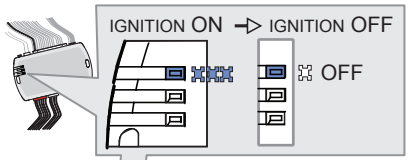


↳ *The Blue LED will flash rapidly.*

25



Press the START/STOP button once to turn OFF the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

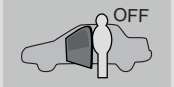
The module is now programmed.

REMOTE STARTER FUNCTIONALITY

All doors must be closed.

Remote start the vehicle.

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



The module will shut down the vehicle as soon as the drivers door is opened.

Enter the vehicle with the Smart-Key.

Press the brake pedal or the clutch for the manual transmission.

Press the Push-to-Start button to start the vehicle.

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

STAND ALONE CX-3

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

VEHICLE		YEARS	Vehicle functions supported in this diagram (functional if equipped)									
			Immobilizer bypass	Lock	Unlock	Parking lights	Tachometer	Door Status	Trunk Status	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
MAZDA												
CX-3	*Push-to-Start - Automatic transmission*	2016	•	•	•	•	•	•	•	•	•	•

HARDWARE VERSION

MINIMUM **6**

FIRMWARE VERSION

71.[35]

FORD MINIMUM

Parts required (Not included)

1X 1K Ohm Resistor

FLASH LINK MANAGER

Software version 3.52 and more

FLASH LINK UPDATER 2

1X

Microsoft Windows Computer & Internet connection

DCRYPTOR TECHNOLOGY

PARTS REQUIRED (NOT INCLUDED) |

FLASH LINK UPDATER 2

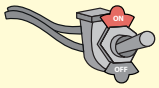
FLASH LINK MANAGER
SOFTWARE | PROGRAMME

Microsoft Windows Computer
(Internet connection required)

MANDATORY

HOOD PIN

REMOTE START SAFETY OVERRIDE SWITCH



VALET SWITCH

Part #: RSPB availbale, 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
D1	OEM Remote Stand Alone Remote Starter

Program bypass option with oem remote:

UNIT OPTION	DESCRIPTION
C1	OEM Remote Monitoring

Program bypass option with RF KIT antenna:

UNIT OPTION	DESCRIPTION
H1 to H6	Supported RF Kits and **select RF Kit**

REMOTE STARTER FUNCTIONNALITY

All doors must be closed.

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 I

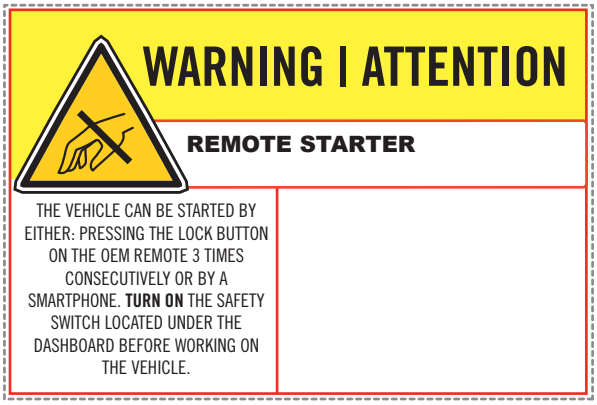
x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open

PARKING LIGHTS

x4 flash:	FOB in car
x5 flash:	Hood open
x6 flash:	Brake ON
x7 flash:	Door open
x8 flash:	Bad Encryption/ key code

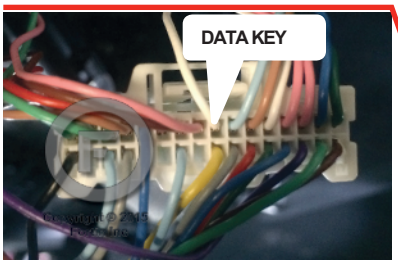
REMOTE STARTER WARNING CARD

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

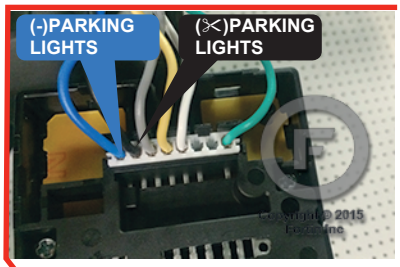


DESCRIPTION

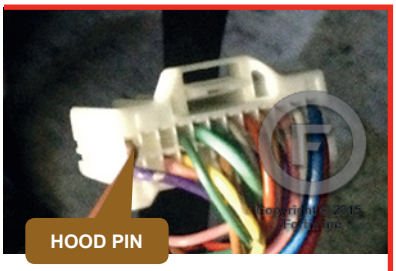
① Under steering column, START-STOP unit

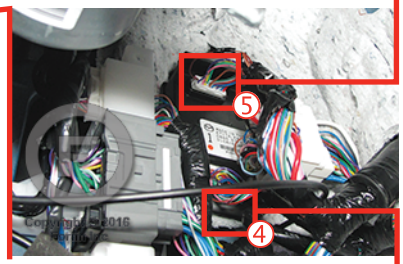


③ At parking lights switch



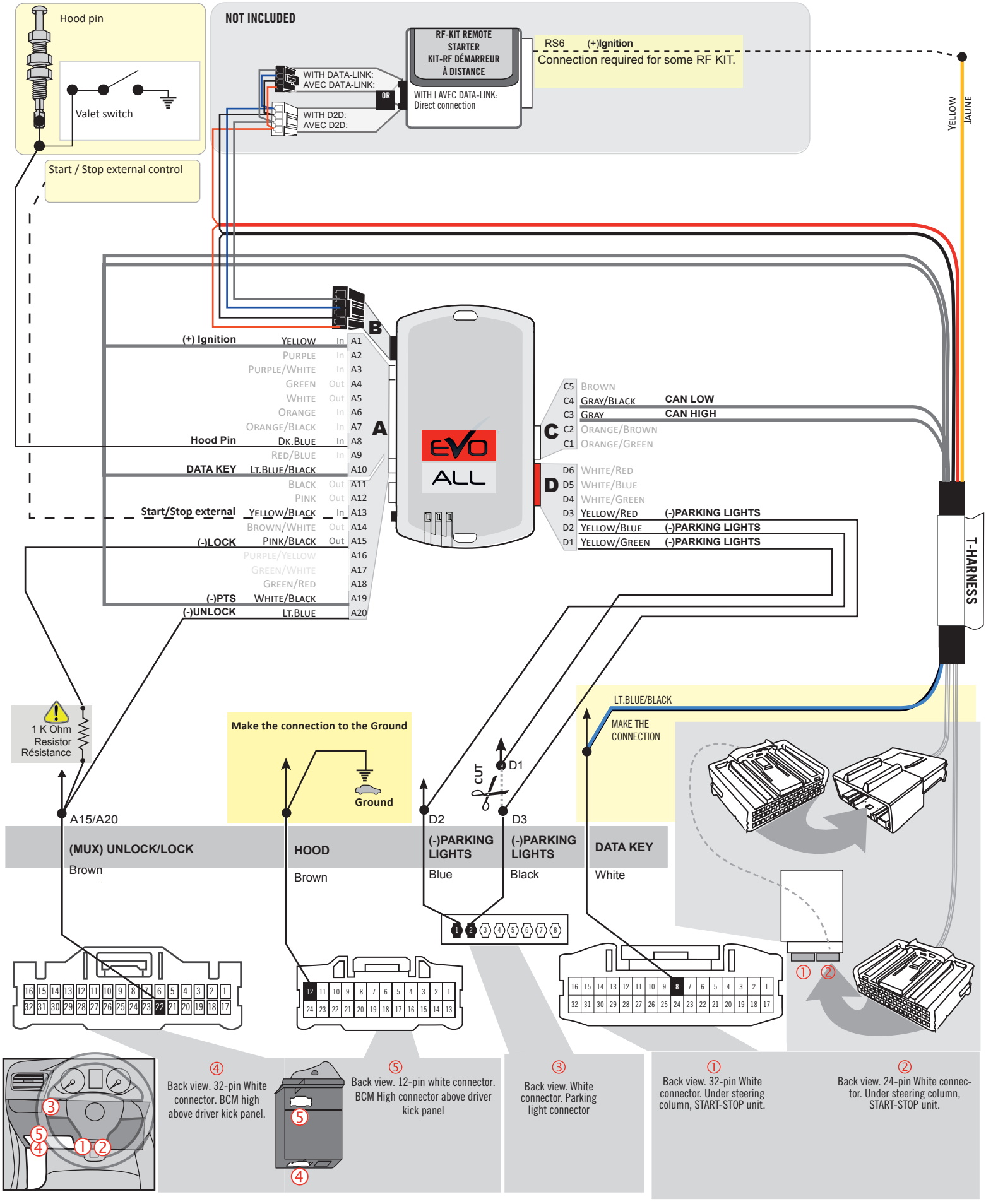
⑤ BCM High connector above driver kick panel





④ BCM High connector above driver kick panel

AUTOMATIC TRANSMISSION WIRING CONNECTION



KEY BYPASS PROGRAMMING PROCEDURE 1/5

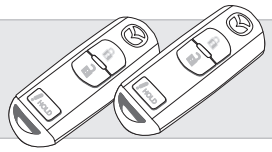
x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

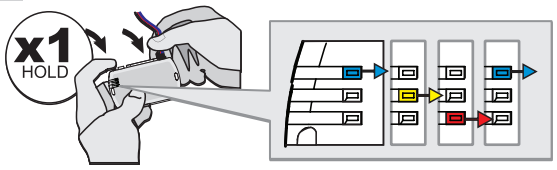
- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



Make sure to have two valide vehicle key.

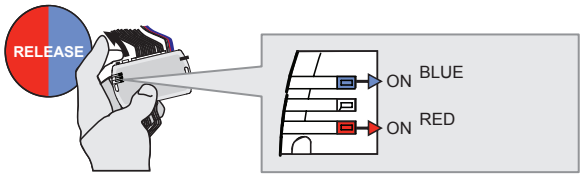
1



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

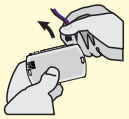
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

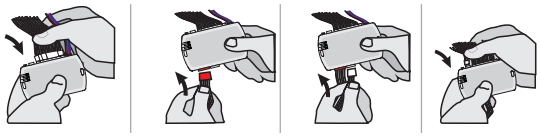


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector) and go back to step1.

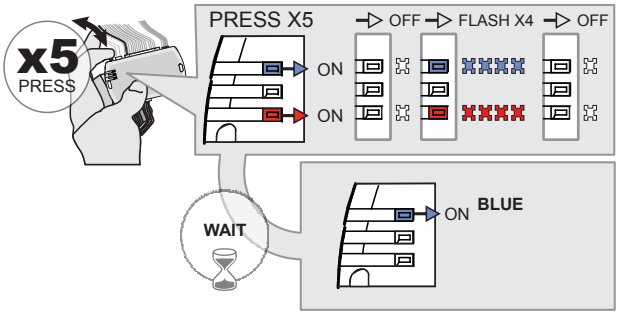


3



Connect the required remaining harnesses.

4



Press and release the programming button five times (5x).

↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

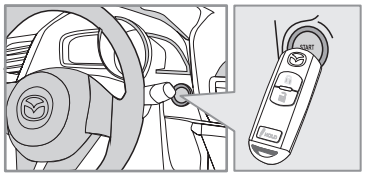
↳ ***Wait** for the Blue LED to turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 2/5

KEY#1

5



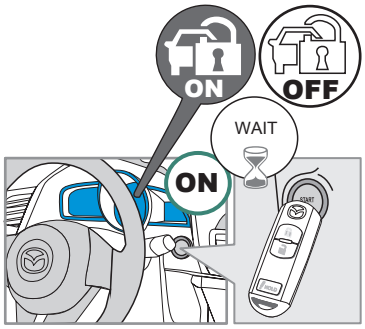
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

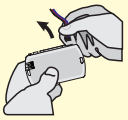
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



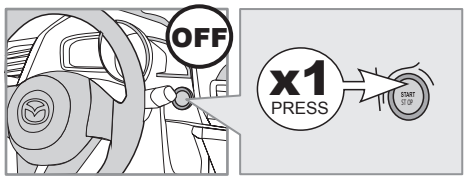
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



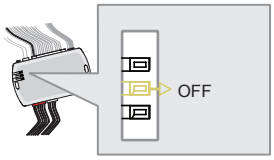
Wait for the security indicator to turn OFF (around 3 seconds).

IMMEDIATELY

8



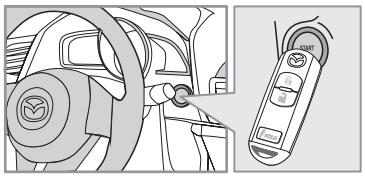
Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Yellow Led will turn OFF.*

KEY#2

9



Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

Press the START/STOP button twice to activate the vehicle's Ignition.

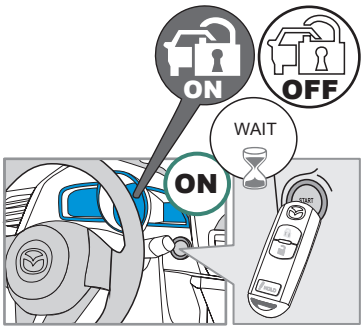
↳ *The Yellow LED will turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 3/5

KEY#2

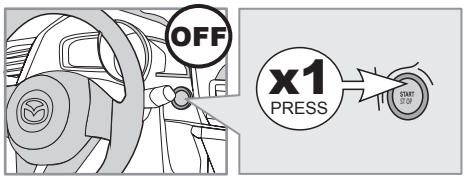
11



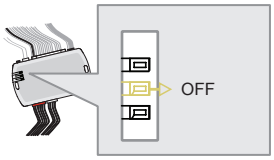
Wait for the security indicator to turn OFF (around 3 seconds).

12

IMMEDIATELY

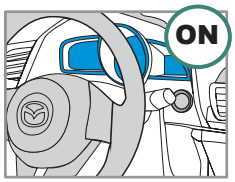


Press the START/STOP button once to deactivate the vehicle's Ignition.

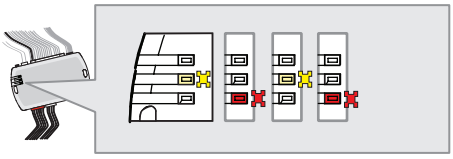


↳ *The Yellow Led will turn OFF.*

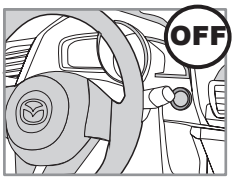
13



The vehicle's ignition will turn ON

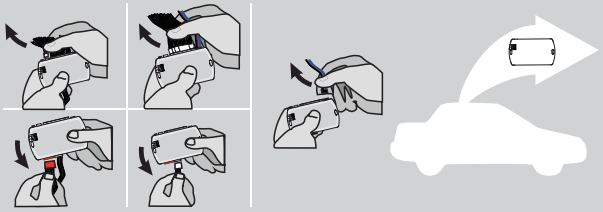


↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

14

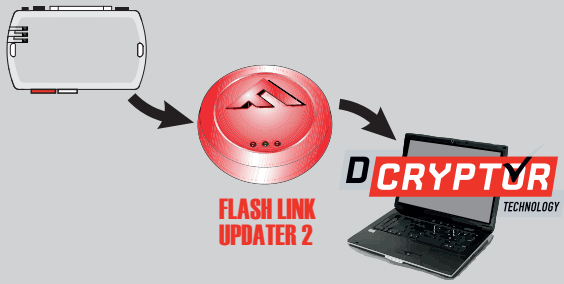


Disconnect all the connectors and after the Data-Link (4-pins) connector.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 4/5

15



Connect the module to the FLASH LINK UPDATER 2 and **visit** the DCryptor menu in the Flash-Link Manager.

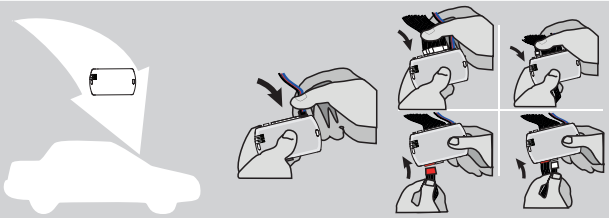
Parts required (not included)

FLASH LINK UPDATER 2

FLASH LINK MANAGER
SOFTWARE | PROGRAMME

Microsoft Windows Computer with Internet connection

16



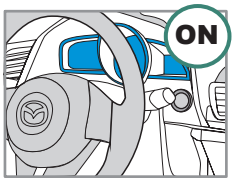
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

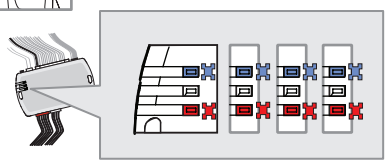
1 - 12

Repeat step 1 to 12.

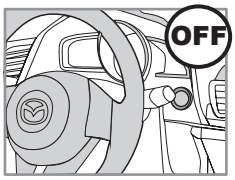
18



The vehicle's ignition will turn ON

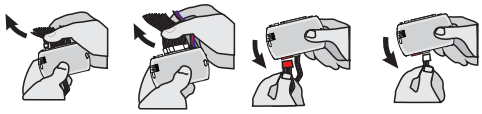


↳ *The Blue and Red LEDs will flash.*



The vehicle's Ignition will turn OFF.

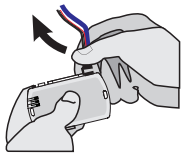
19



Disconnect all Harness

20

et ensuite:



Disconnect the 4-PIN Data-link harness (Black connector).

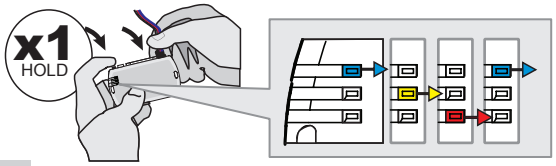
CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 5/5

CAN PROGRAMMING PROCEDURE

21

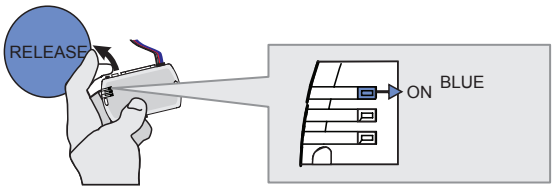
CAUTION FOR: EVO-ALARM OPTION
If the module GREEN (A4) wire is connected to the HORN make sure that the option G1 (EVO-ALARM) is enabled before CAN programming.



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

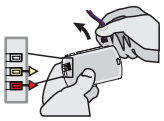
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

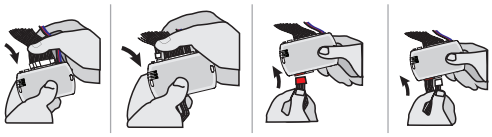


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

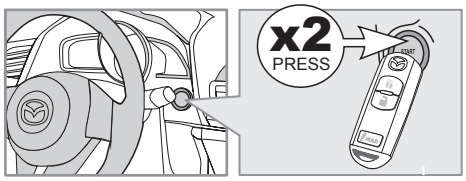


23

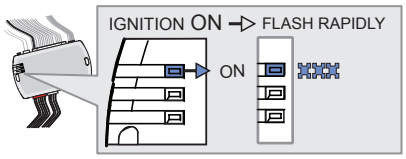


Connect the required remaining harnesses.

24

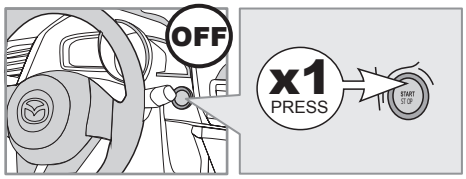


Press the START/STOP button twice to activate the vehicle's Ignition.

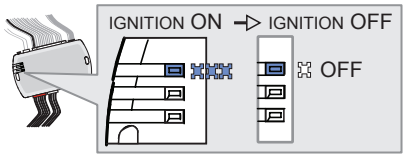


↳ *The Blue LED will flash rapidly.*

25



Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

The module is now programmed.

REMOTE STARTER FUNCTIONALITY

All doors must be closed.

Do not remote-start with the OEM remote inside the vehicle.

Never remote-start with a passenger inside the vehicle.

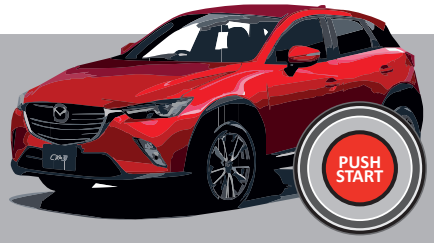
Remote start the vehicle.

The module will shut down the vehicle as soon as a door is opened.

STAND ALONE THAR-MAZ1 THARNESS INSTALLATION - 2 KEYS PROGRAMMING

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	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
MAZDA														
CX-3 *Push-to-Start - Automatic transmission*	2016-2021	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

85.[11]

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

Program bypass option (If equiped with OEM alarm):	**D2**	Unlock before / Lock after (Disarm OEM alarm)

NOTES

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

Parts required (Not included)

1X 10 AMP 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

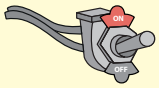
OR

1x **FLASH LINK MOBILE**
1x **FLASH LINK MOBILE APP**
1x 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
OEM Remote Stand Alone Remote Starter:

UNIT OPTION	DESCRIPTION
OR **D1.10** LOCK LOCK LOCK	**By default**, LOCK, LOCK, LOCK **Par défaut,** VERROUILLE,VERROUILLE,VERROUILLE
D1.1 LOCK UNLOCK LOCK	

Program bypass option with oem remote:

UNIT OPTION	DESCRIPTION
C1	OEM Remote Monitoring

Program bypass option with RF KIT antenna:
Programmez l'option du contournement avec antenne RF:

UNIT OPTION	DESCRIPTION
H1 to H6	Supported RF Kits and **select RF Kit**

REMOTE STARTER FUNCTIONALITY

All doors must be closed.
Toutes les portes doivent être fermées

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

Appuyez sur le bouton Verrouillage 3X de la télécommande d'origine pour démarrer à distance (ou arrêter à distance) le véhicule.

The vehicle will START.

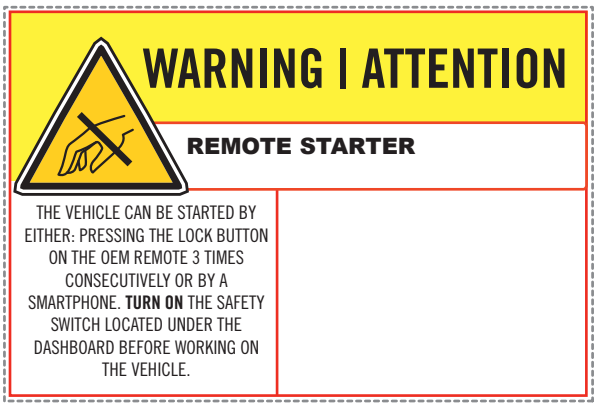
Le véhicule DÉMARRE.

REMOTE STARTER DIAGNOSTICS
DIAGNOSTIQUE DU DÉMARREUR À DISTANCE

MODULE RED LED I DEL ROUGE DU MODULE		
x2 flash :	Brake ON	Frein Activé
x3 flash :	No tach	Pas de Tach
x4 flash :	Ignition before start	Clé de contact détectée avant démarrage
x5 flash :	Hood Open	Capot Ouvert
PARKING LIGHTS I FEUX DE STATIONNEMENT		
x4 flash:	FOB in car	Télécommande d'origine dans le véhicule
x5 flash:	Hood open	Capot Ouvert
x6 flash:	Brake ON	Frein Activé
x7 flash:	Door open	Porte ouverte
x8 flash:	Bad Encryption/ key code	Mauvaise encryption/ code de clé

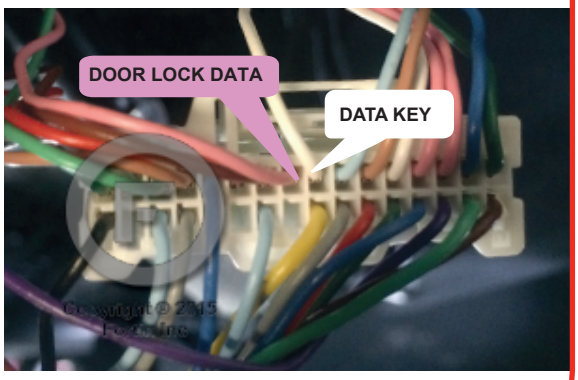
REMOTE STARTER WARNING CARD

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

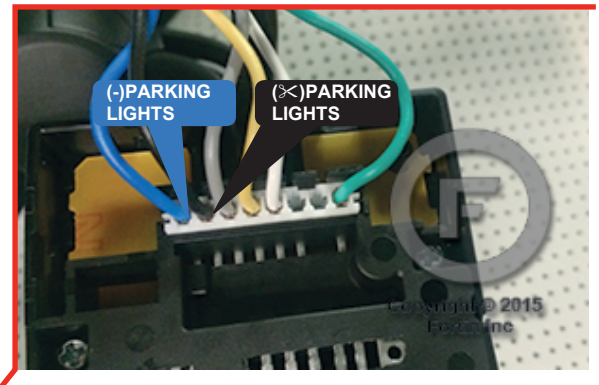


DESCRIPTION | DESCRIPTION

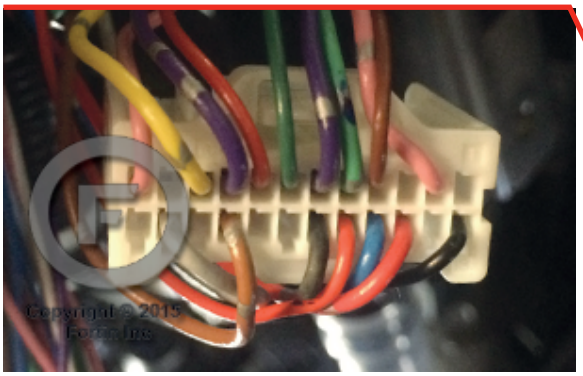
① Under steering column, START-STOP unit



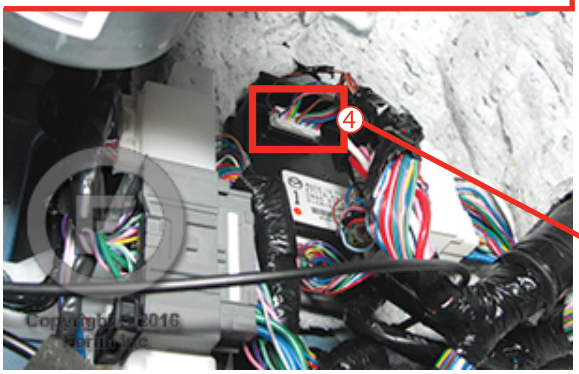
③ At parking lights switch



② Under steering column, START-STOP unit



④ BCM High connector above driver kick panel

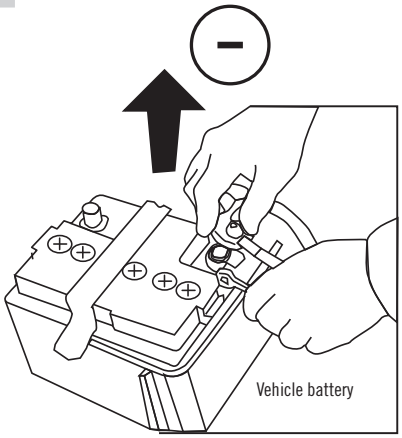


ATTENTION

Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect the negative terminal from the vehicle's battery.

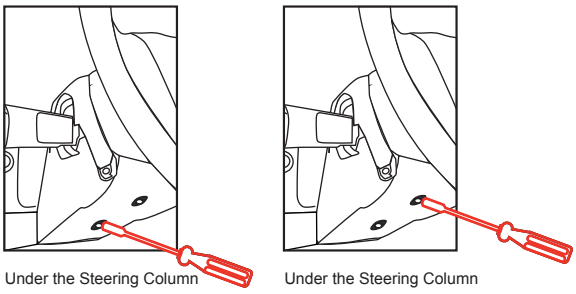
In these vehicles, the factory keyless entry module is sensitive to interference and may cease to operate if some precautions are not taken. Disconnect the (-) terminal of the battery prior to disconnecting the connectors at the smartkey module below the steering wheel to avoid damage to the smartkey entry module.

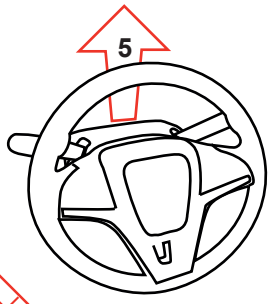
1



Disconnect the (-) terminal of the battery.

2





1 Unscrew.

2 Unscrew

3 Onclip

4 Onclip

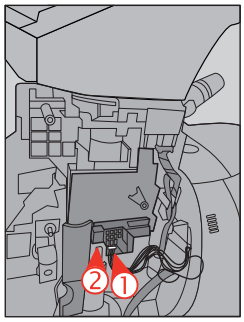
5 Gently pull up the cover of the steering column.

3

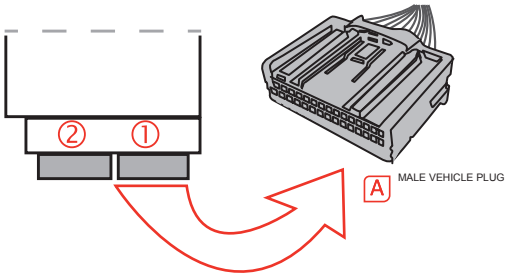
Make the following connections.

CONTINUED NEXT PAGE

4



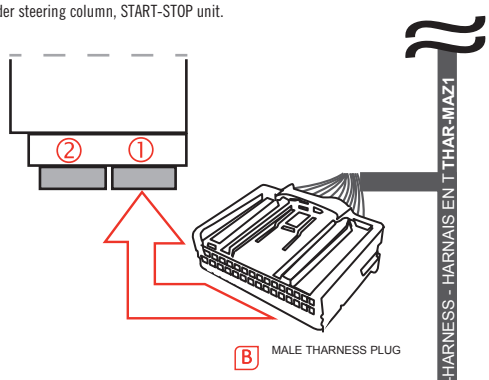
Under steering column, START-STOP unit.



Disconnect the connector
A

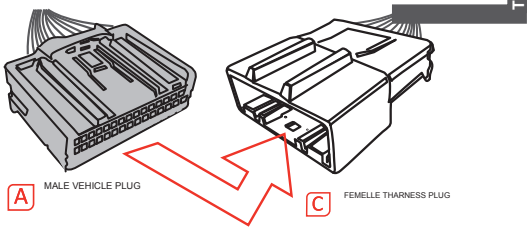
5

Under steering column, START-STOP unit.



Connect the connector
B

6



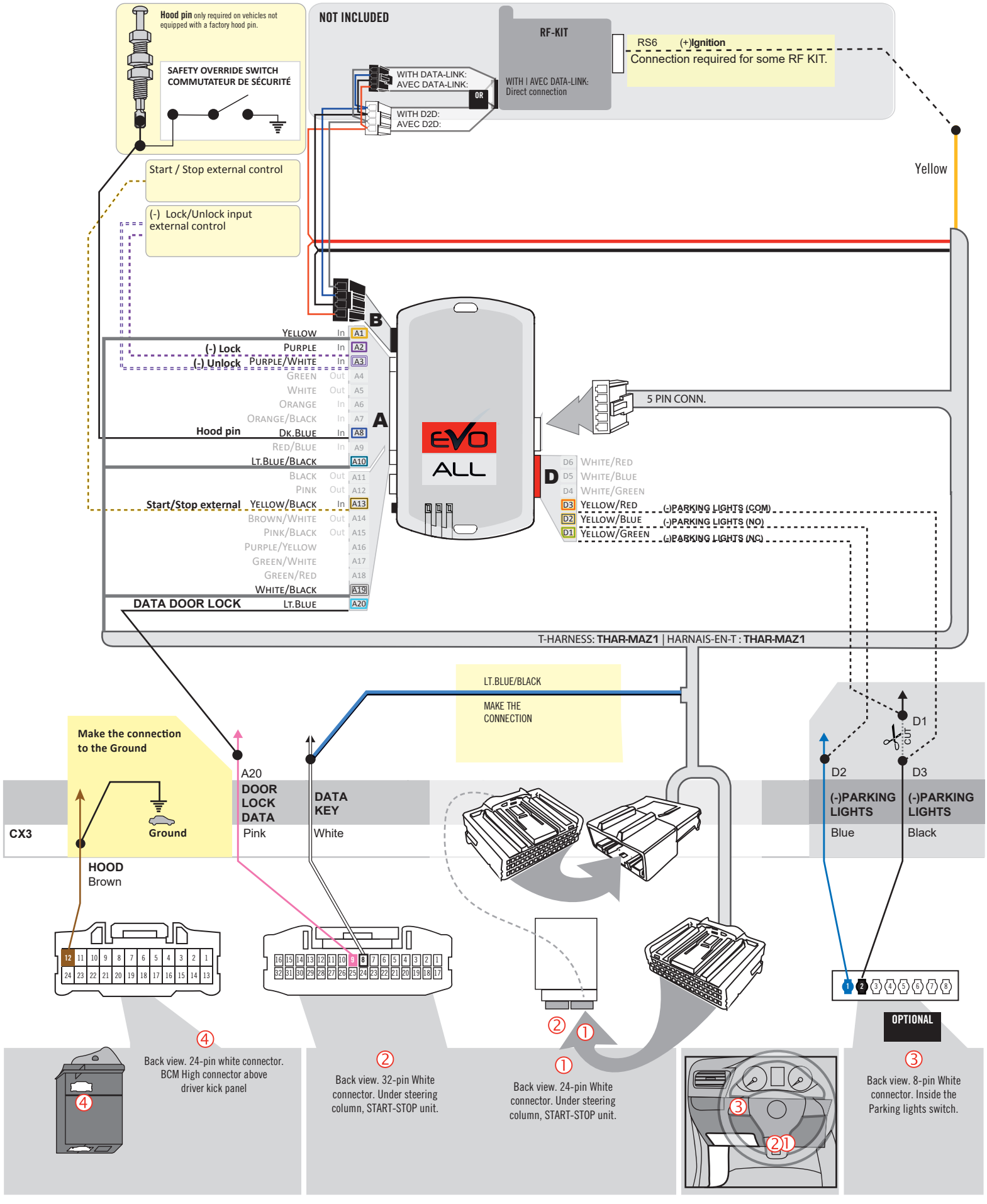
Connect the connector
A
into connector
C

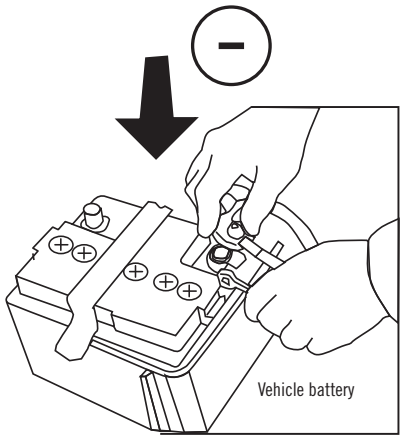
7

Make other required connections.

CONTINUED NEXT PAGE

AUTOMATIC TRANSMISSION WIRING CONNECTION





Reconnect the (-) terminal of the battery.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 1/6

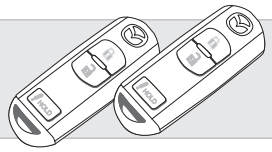
x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

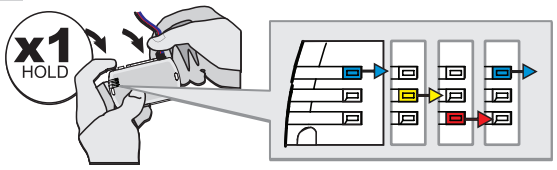
- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



Make sure to have two valide vehicle key.

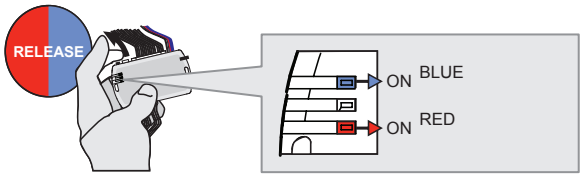
1



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

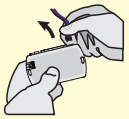
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

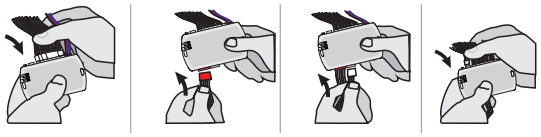


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector) and go back to step1.

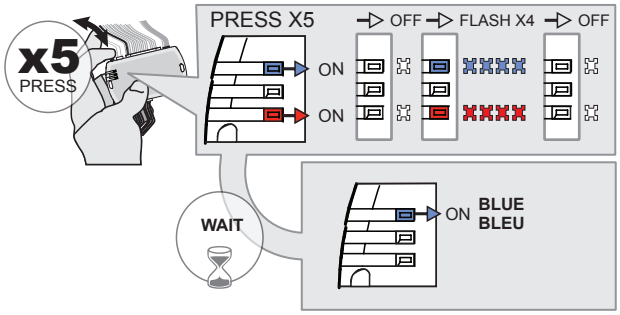


3



Connect the required remaining harnesses.

4



Press and release the programming button five times (5x).

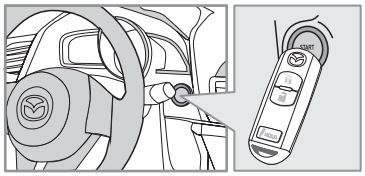
↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

↳ ***Wait** for the Blue LED to turn ON.*

CONTINUED NEXT PAGE

KEY#1

5



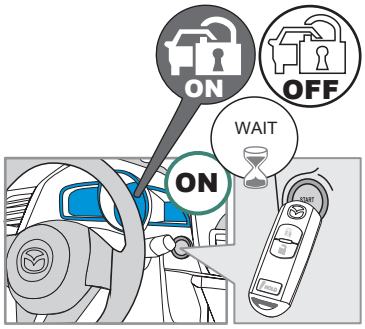
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

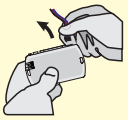
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



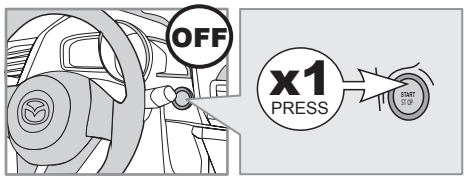
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



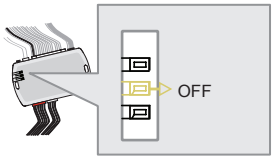
Wait for the security indicator to turn OFF (around 3 seconds).

IMMEDIATELY

8



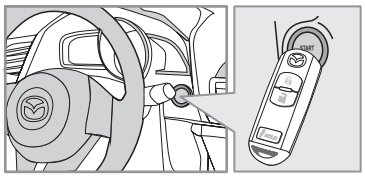
Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Yellow Led will turn OFF.*

KEY#2

9



Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

Press the START/STOP button twice to activate the vehicle's Ignition.

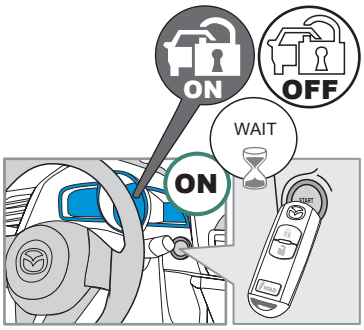
↳ *The Yellow LED will turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 3/6

KEY#2

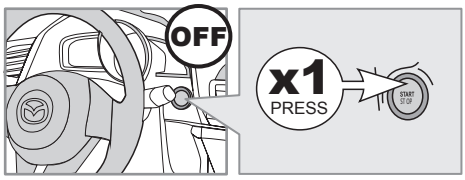
11



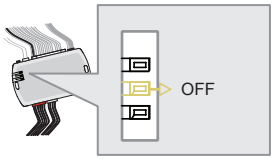
Wait for the security indicator to turn OFF (around 3 seconds).

12

IMMEDIATELY

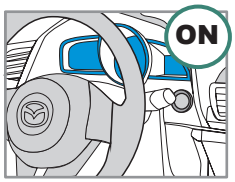


Press the START/STOP button once to deactivate the vehicle's Ignition.

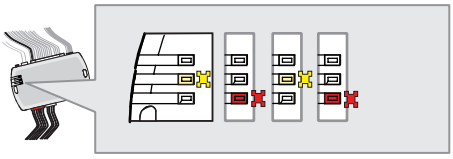


↳ *The Yellow Led will turn OFF.*

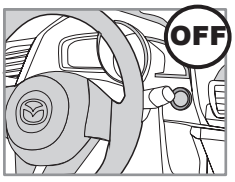
13



The vehicle's ignition will turn ON

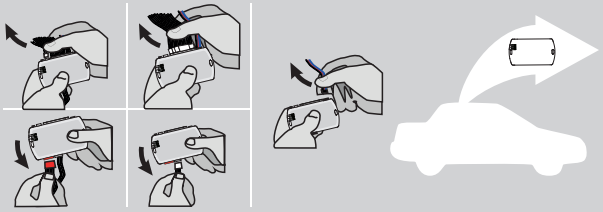


↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

14

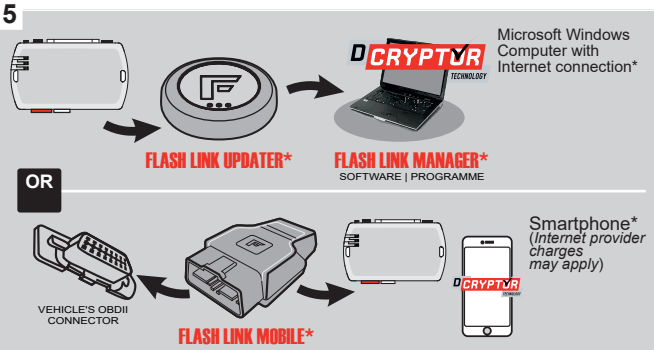


Disconnect all the connectors and after the Data-Link (4-pins) connector.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 4/6

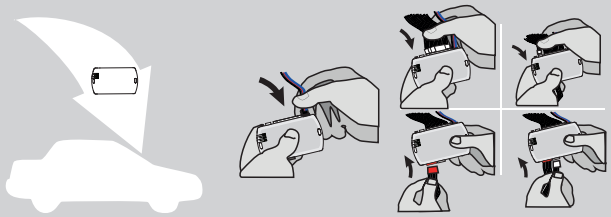
15



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

*Parts required (not included)

16



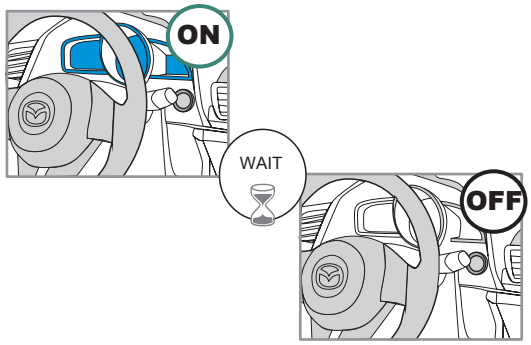
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

1 - 12

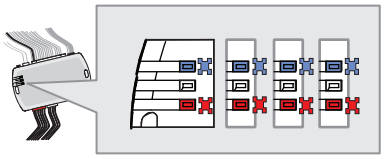
Repeat step 1 to 12.

18



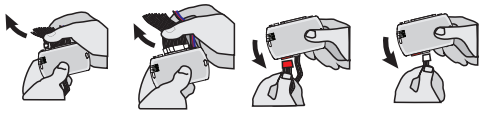
The vehicle's ignition will turn ON

The vehicle's Ignition will turn OFF.



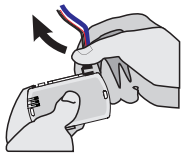
↳ *The Blue and Red LEDs will flash.*

19



Disconnect all Harness

20



Next:

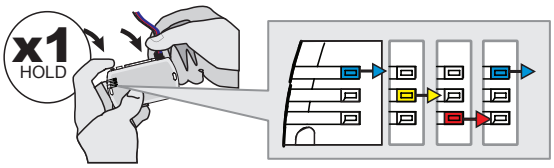
Disconnect the 4-PIN Data-link harness (Black connector).

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 5/6

CAN PROGRAMMING PROCEDURE

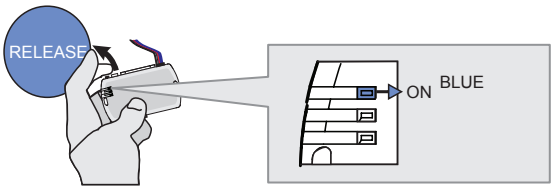
21



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

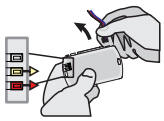
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

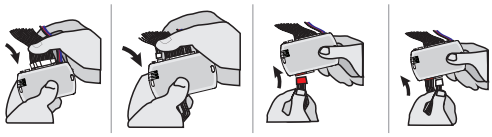


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

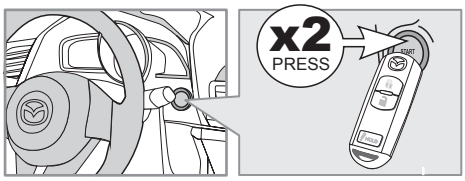


23

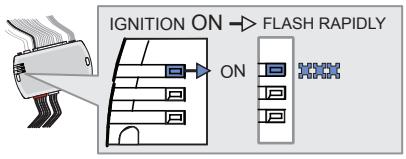


Connect the required remaining harnesses.

24

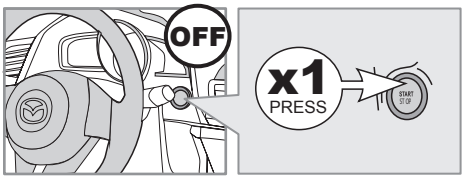


Press the START/STOP button twice to turn ON the vehicle's Ignition.

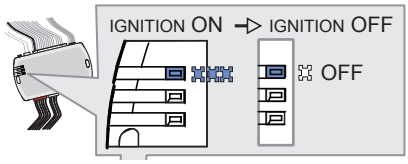


↳ *The Blue LED will flash rapidly.*

25



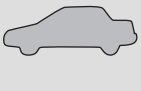
Press the START/STOP button once to turn OFF the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

The module is now programmed.

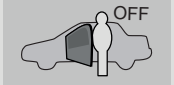
REMOTE STARTER FUNCTIONALITY |



All doors must be closed.

Remote start the vehicle.

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



The module will shut down the vehicle as soon as the drivers door is opened.

Enter the vehicle with the Smart-Key.

Press the brake pedal or the clutch for the manual transmission.

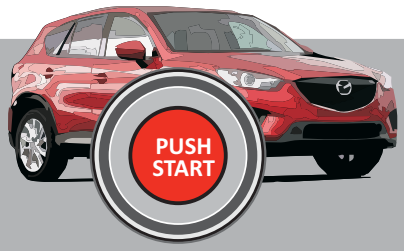
Press the Push-to-Start button to start the vehicle.

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

CX5 - T-HARNESS MAZDA - STAND ALONE

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.



VEHICLE	YEARS	Connection #			Vehicle functions supported in this diagram (functional if equipped)											
		REMOTE STARTER NO DOORLOCK	REMOTE STARTER & DOORLOCK CONTROL	VEHICLE WITHOUT OEM ALARM	Immobilizer bypass	Lock	Unlock	Arm	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	Alarm mode
MAZDA																
CX5 *Push-to-Start - AT*	2013-2016	1	2	3	•	•	•	•	•	•	•	•	•	•	•	•

HARDWARE VERSION

MINIMUM **6**

FIRMWARE VERSION

71.[35]

FORD MINIMUM

Parts required (Not included)

1X 10 AMP Fuse
1x Diode 1A
1X 1K Ohm Resistor (with doorlock)

FLASH LINK MANAGER
Software version 3.52 and more

FLASH LINK UPDATER 2

1X

Microsoft Windows Computer &
Internet connection

DCRYPTOR TECHNOLOGY

PARTS REQUIRED (NOT INCLUDED)

FLASH LINK UPDATER 2

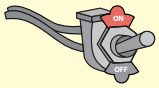
FLASH LINK MANAGER
SOFTWARE | PROGRAMME

Microsoft Windows Computer
(Internet connection required)

MANDATORY

HOOD PIN

REMOTE START SAFETY OVERRIDE SWITCH



VALET SWITCH

Part #: RSPB availbale, 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
D1	OEM Remote Stand Alone Remote Starter

Program bypass option with oem remote:

UNIT OPTION	DESCRIPTION
C1	OEM Remote Monitoring

Program bypass option with RF KIT antenna:

UNIT OPTION	DESCRIPTION
H1 to H6	Supported RF Kits and **select RF Kit**

REMOTE STARTER FUNCTIONNALITY

All doors must be closed.

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

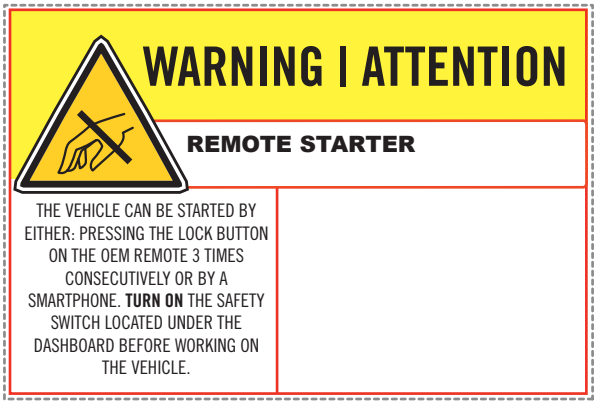
The vehicle will START.

REMOTE STARTER DIAGNOSTICS

MODULE RED LED	
x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open
PARKING LIGHTS	
x4 flash:	FOB in car
x5 flash:	Hood open
x6 flash:	Brake ON
x7 flash:	Door open
x8 flash:	Bad Encryption/ key code

REMOTE STARTER WARNING CARD

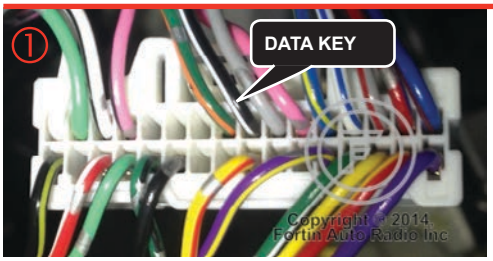
CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
or use the package **RSPB**, Sold separately.

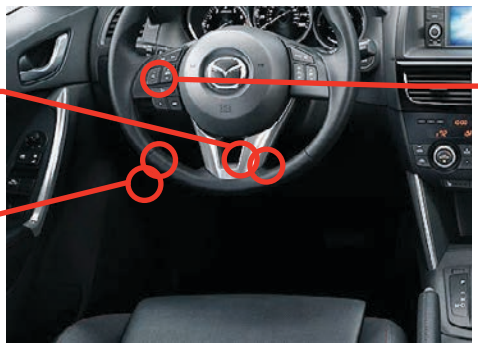


DESCRIPTION |

①②

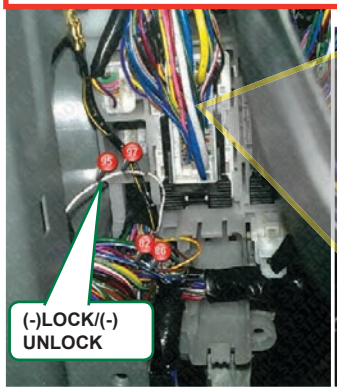
Under steering column, START-STOP unit.

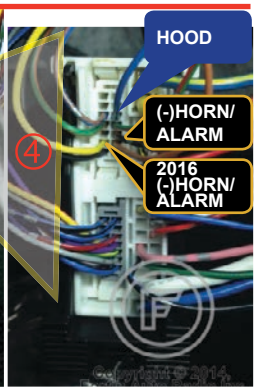




④⑤

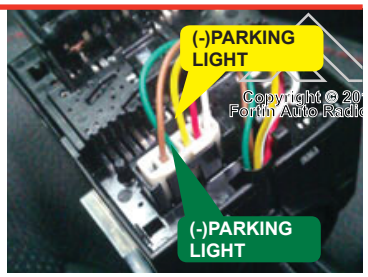
driver kick panel. - DOORLOCK





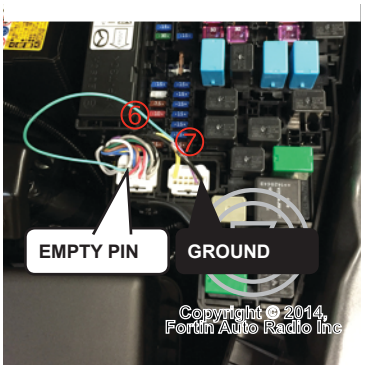
③

Parking Light connector



⑥⑦

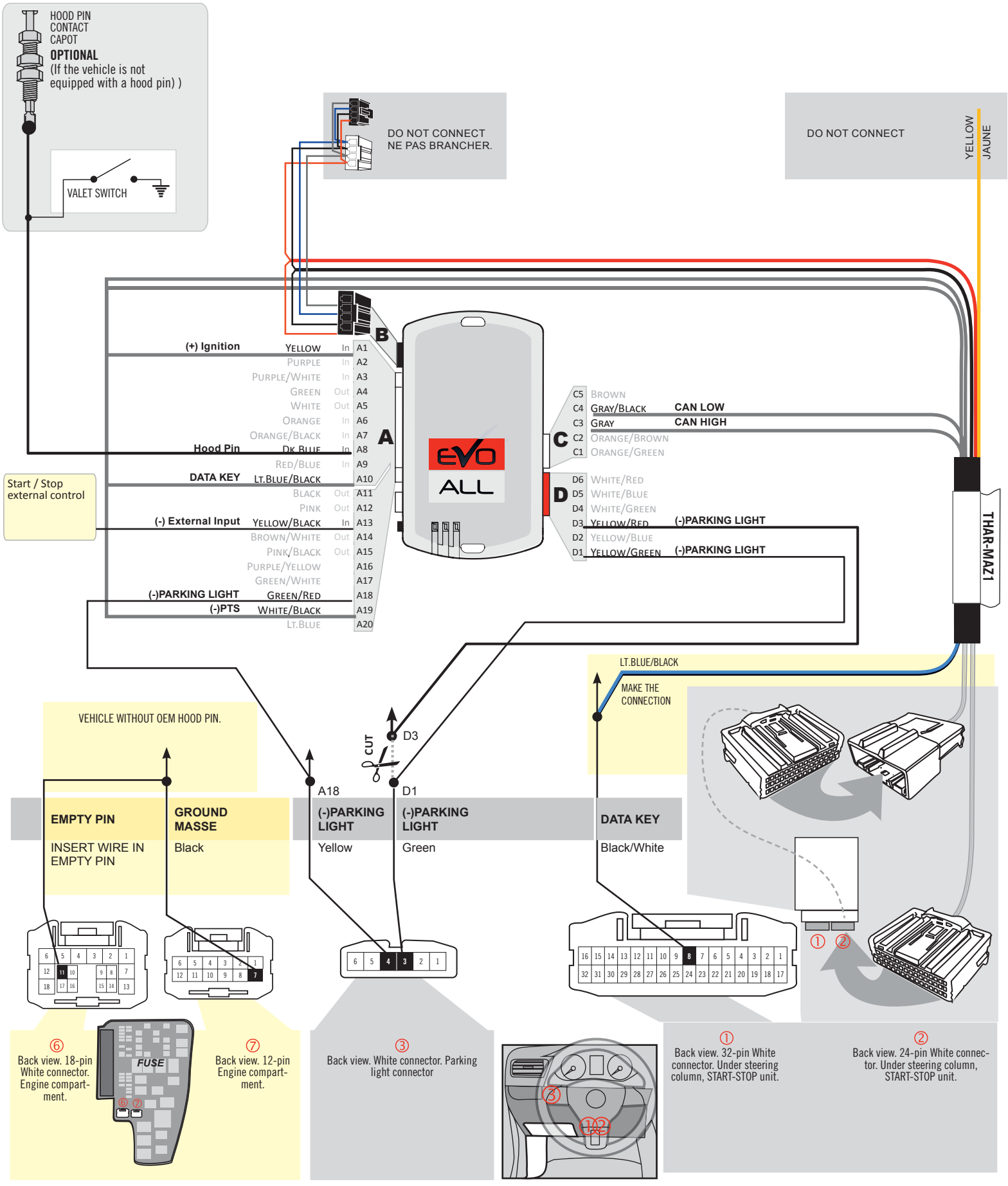
Engine compartment
- without OEM ALARM



CONNECTION 1

REMOTE CAR STARTER ONLY - DOORLOCK BY OEM REMOTE

AUTOMATIC TRANSMISSION ONLY



CONNECTION 2

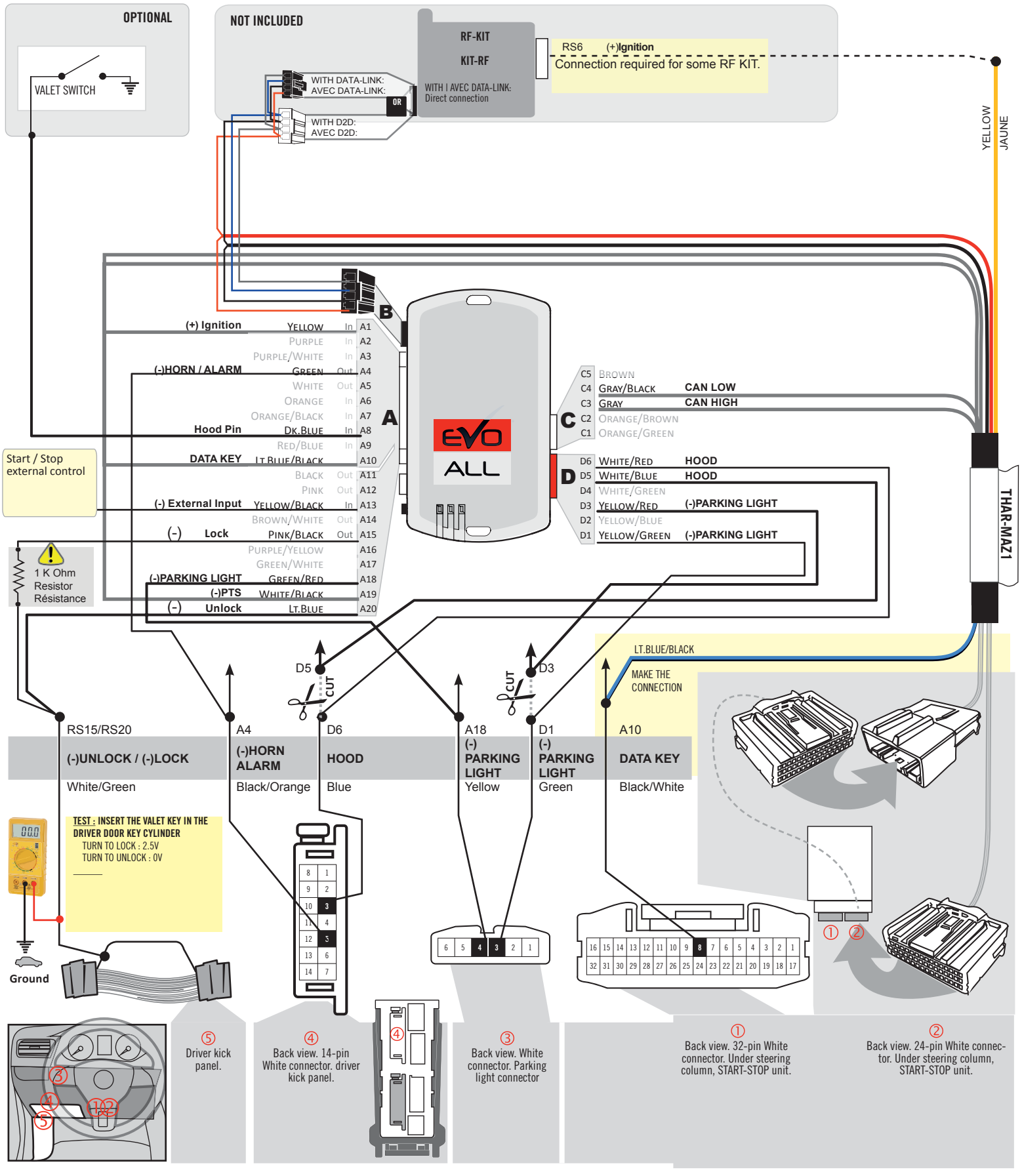
REMOTE CAR STARTER AND DOORLOCK

Program bypass option:

UNIT OPTION	DESCRIPTION
C1	OEM Remote status (Lock/Unlock) monitoring
G1	Evo Alarm enable

CONNECTION 2

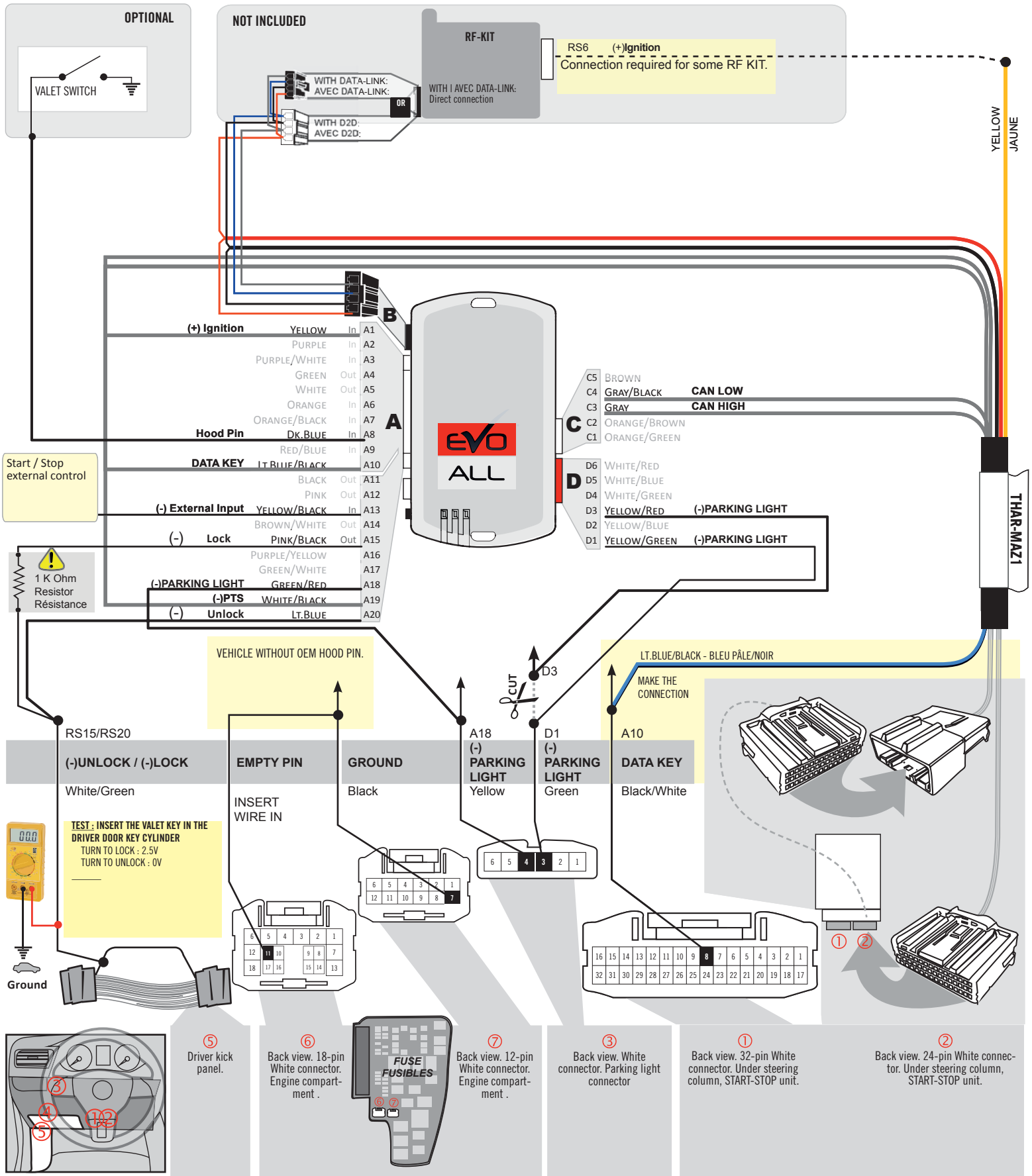
REMOTE CAR STARTER AND DOORLOCK
AUTOMATIC TRANSMISSION ONLY



CONNECTION 3

VEHICLE WITHOUT HOOD PIN & WITHOUT OEM ALARM

AUTOMATIC TRANSMISSION ONLY SEULEMENT



KEY BYPASS PROGRAMMING PROCEDURE 1/5 |

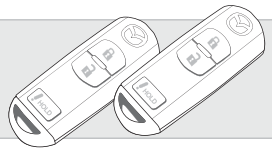
x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

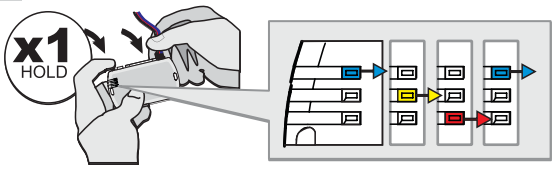
- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



Make sure to have two valide vehicle key.

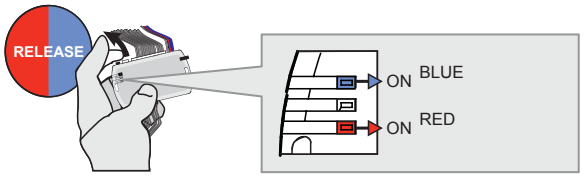
1



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

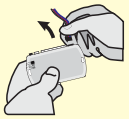
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

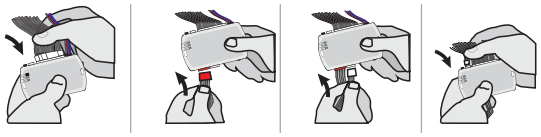


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector) and go back to step1.

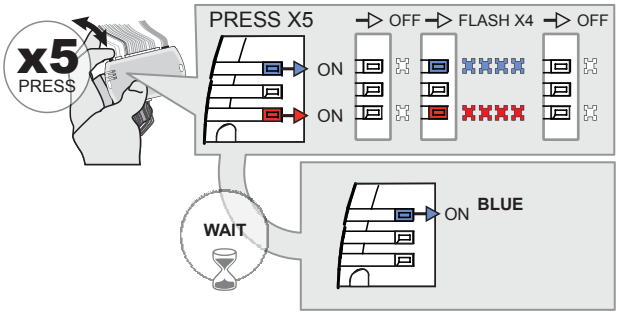


3



Connect the required remaining harnesses.

4



Press and release the programming button five times (5x).

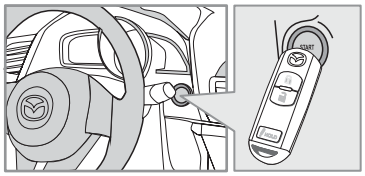
↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

↳ ***Wait** for the Blue LED to turn ON.*

KEY BYPASS PROGRAMMING PROCEDURE 2/5 |

KEY#1

5



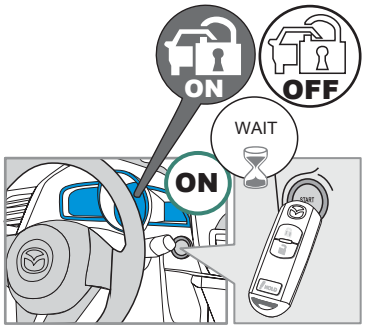
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

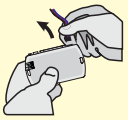
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



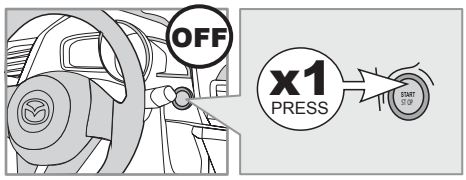
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



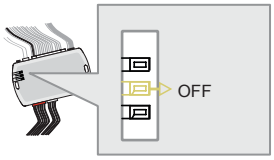
Wait for the security indicator to turn OFF (around 3 seconds).

IMMEDIATELY

8



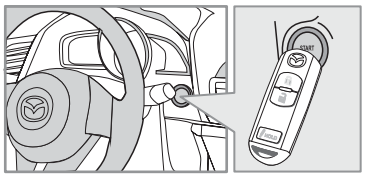
Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Yellow Led will turn OFF.*

KEY#2

9



Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

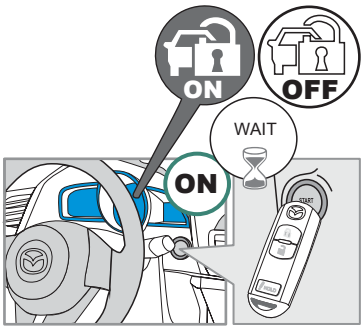
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

KEY BYPASS PROGRAMMING PROCEDURE 3/5 |

KEY#2

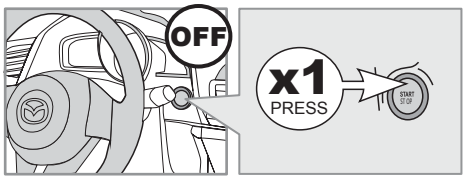
11



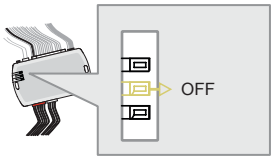
Wait for the security indicator to turn OFF (around 3 seconds).

12

IMMEDIATELY

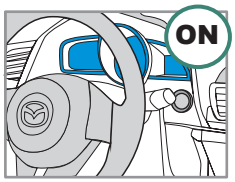


Press the START/STOP button once to deactivate the vehicle's Ignition.

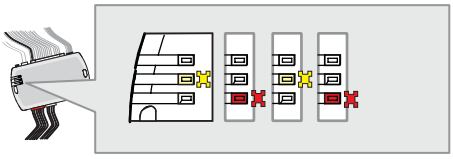


↳ *The Yellow Led will turn OFF.*

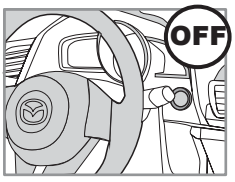
13



The vehicle's ignition will turn ON

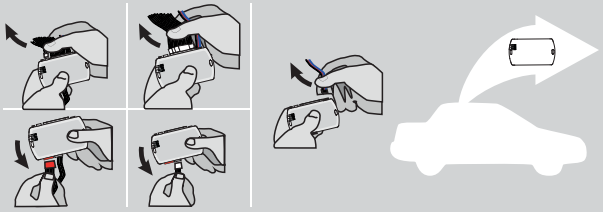


↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

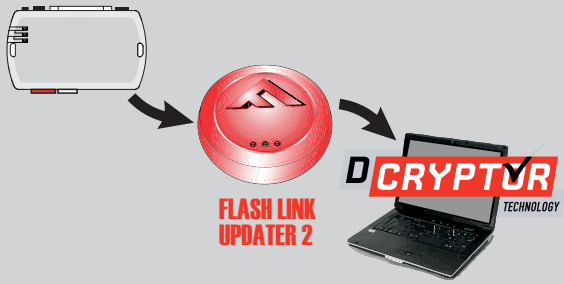
14



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

KEY BYPASS PROGRAMMING PROCEDURE 4/5 |

15



Connect the module to the FLASH LINK UPDATER 2 and **visit** the DCryptor menu in the Flash-Link Manager.

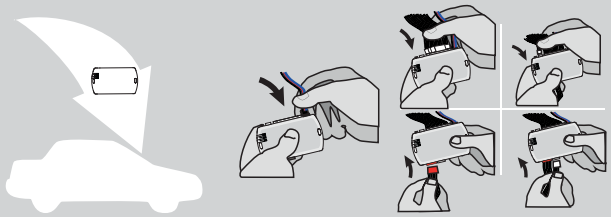
Parts required (not included)

FLASH LINK UPDATER 2

FLASH LINK MANAGER
SOFTWARE | PROGRAMME

Microsoft Windows Computer with Internet connection

16



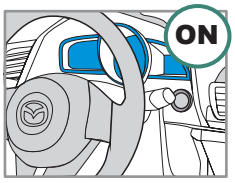
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

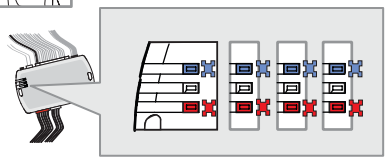
1 - 12

Repeat step 1 to 12.

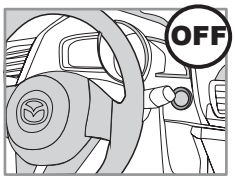
18



The vehicle's ignition will turn ON

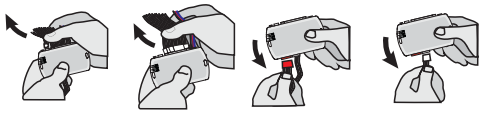


↳ *The Blue and Red LEDs will flash.*



The vehicle's Ignition will turn OFF.

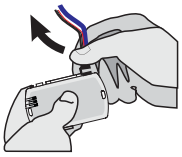
19



Disconnect all Harness

20

et ensuite:



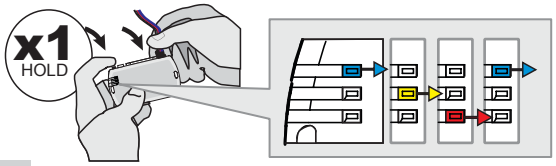
Disconnect the 4-PIN Data-link harness (Black connector).

KEY BYPASS PROGRAMMING PROCEDURE 5/5 |

CAN PROGRAMMING PROCEDURE

21

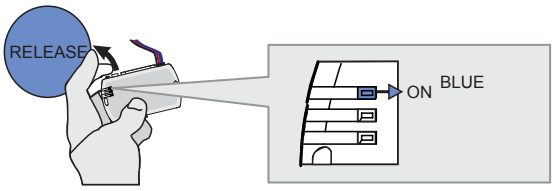
CAUTION FOR: EVO-ALARM OPTION
If the module GREEN (A4) wire is connected to the HORN make sure that the option G1 (EVO-ALARM) is enabled before CAN programming.



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

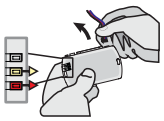
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

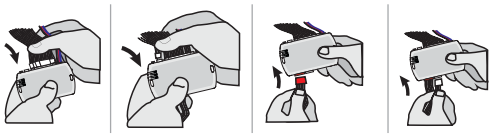


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

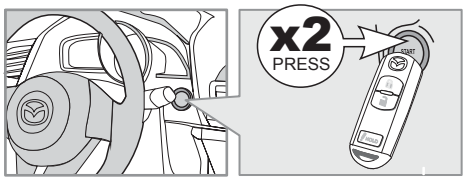


23

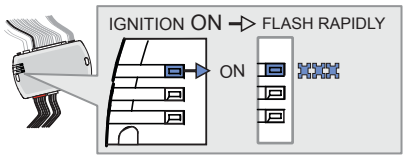


Connect the required remaining harnesses.

24

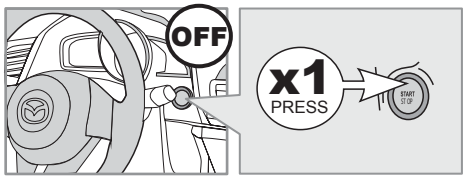


Press the START/STOP button twice to activate the vehicle's Ignition.

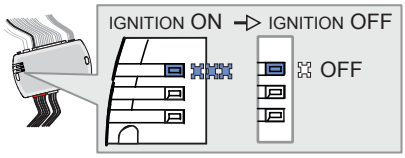


↳ *The Blue LED will flash rapidly.*

25



Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

The module is now programmed.

REMOTE STARTER FUNCTIONALITY |

All doors must be closed.

Do not remote-start with the OEM remote inside the vehicle.

Never remote-start with a passenger inside the vehicle.

Remote start the vehicle.

The module will shut down the vehicle as soon as a door is opened.

STAND ALONE THAR-MAZ1 THARNESS INSTALLATION - 2 KEYS PROGRAMMING

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

VEHICLE	YEARS	Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
		Vehicle functions supported in this diagram (functional if equipped)												
MAZDA														
CX-5 *Push-to-Start - Automatic transmission only*	2013-2016	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

85.[11]

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

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

Parts required (Not included)

1X 10 AMP 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

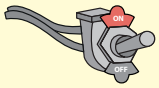
OR

1x **FLASH LINK MOBILE**
1x **FLASH LINK MOBILE APP**
1x 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
OEM Remote Stand Alone Remote Starter:

UNIT OPTION	DESCRIPTION
OR **D1.10** LOCK LOCK LOCK	**By default**, LOCK, LOCK, LOCK **Par défaut,** VERROUILLE,VERROUILLE,VERROUILLE
D1.1 LOCK UNLOCK LOCK	

Program bypass option with oem remote:

UNIT OPTION	DESCRIPTION
C1	OEM Remote Monitoring

Program bypass option with RF KIT antenna:

UNIT OPTION	DESCRIPTION
H1 to H6	Supported RF Kits and **select RF Kit**

REMOTE STARTER FUNCTIONALITY

All doors must be closed.

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

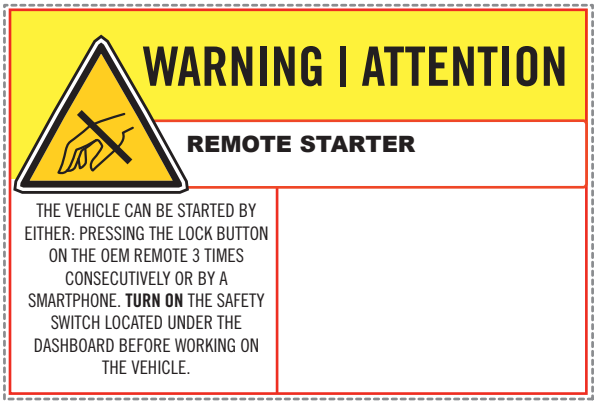
The vehicle will START.

REMOTE STARTER DIAGNOSTICS	
MODULE RED LED	
x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open
PARKING LIGHTS	
x4 flash:	FOB in car
x5 flash:	Hood open
x6 flash:	Brake ON
x7 flash:	Door open
x8 flash:	Bad Encryption/ key code

REMOTE STARTER WARNING CARD

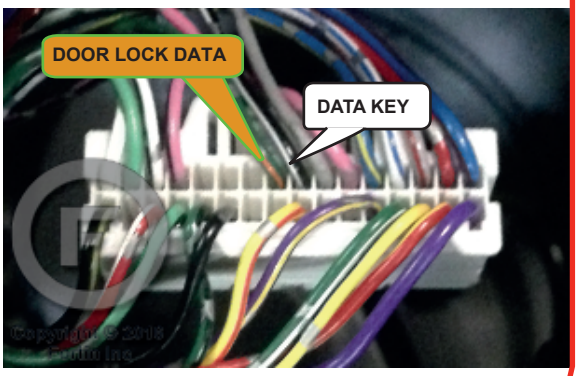
CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
or use the package **RSPB**, Sold separately.

.

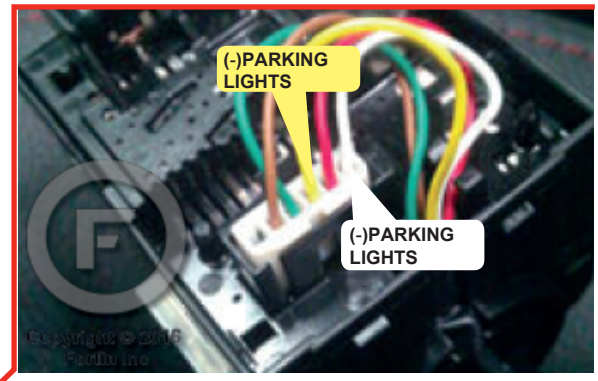


DESCRIPTION

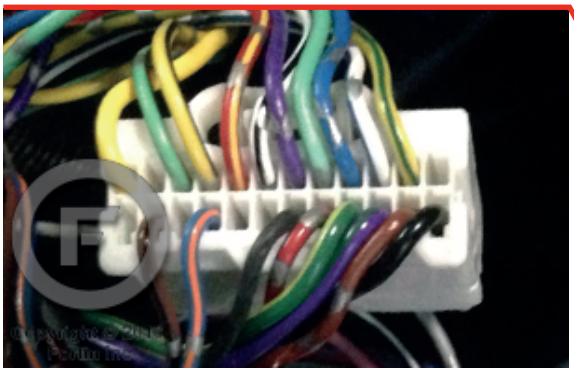
① Under steering column, START-STOP unit



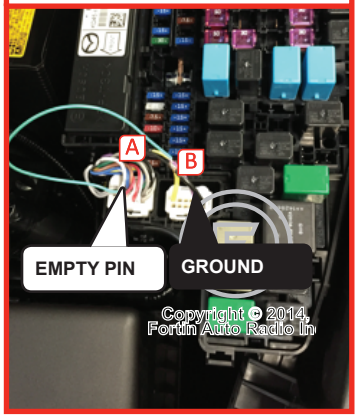
③ At parking lights switch



② Under steering column, START-STOP unit



④ Engine compartment
- without OEM ALARM



ATTENTION

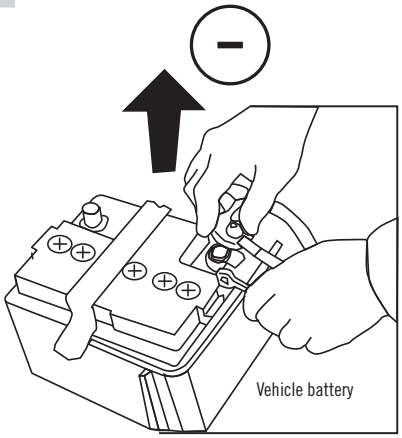
Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect the negative terminal from the vehicle's battery.

In these vehicles, the factory keyless entry module is sensitive to interference and may cease to operate if some precautions are not taken. Disconnect the (-) terminal of the battery prior to disconnecting the connectors at the smartkey module below the steering wheel to avoid damage to the smartkey entry module.

Avant de débrancher un module, un ordinateur ou une unité de contrôle d'un véhicule: il faut toujours débrancher la borne négative de la batterie du véhicule.

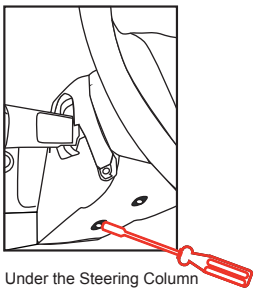
Dans ce véhicule, le module d'entrée sans clé de l'usine est sensible aux interférences et peut cesser de fonctionner si certaines précautions ne sont pas prises. Débrancher la borne (-) de la batterie avant de déconnecter le module de clé intélligente sous le volant pour éviter de l'endommager.

1

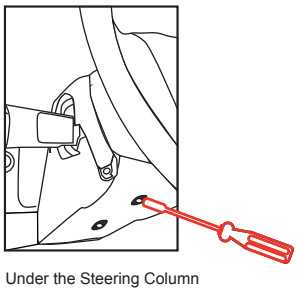


Disconnect the (-) terminal of the battery.

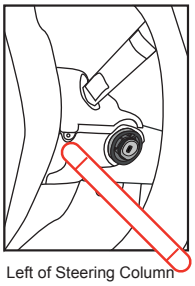
2


Under the Steering Column

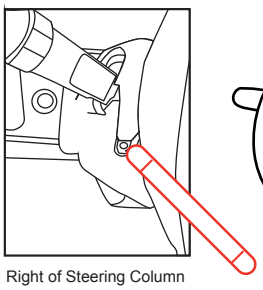
1 Unscrew.


Under the Steering Column

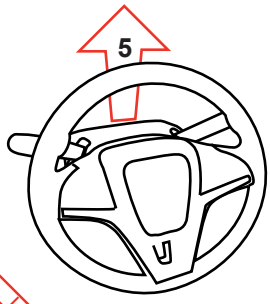
2 Unscrew


Left of Steering Column

3 Onclip


Right of Steering Column

4 Onclip



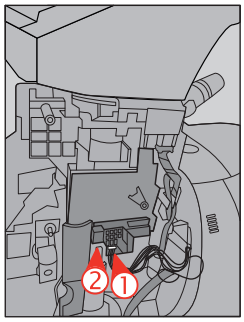
5 Gently pull up the cover of the steering column.

3

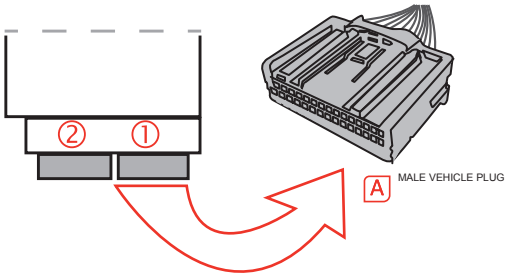
Make the following connections.

CONTINUED NEXT PAGE

4



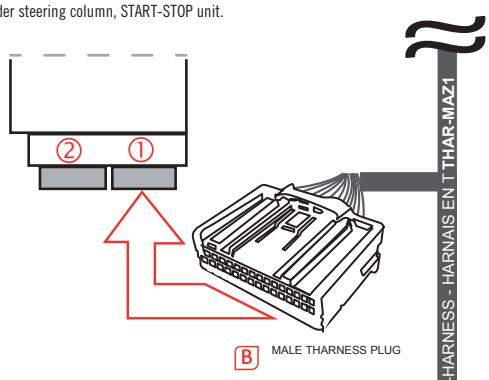
Under steering column, START-STOP unit.



Disconnect the connector
A

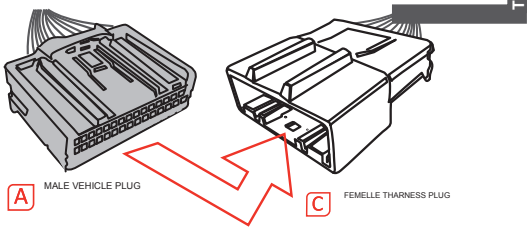
5

Under steering column, START-STOP unit.



Connect the connector
B

6



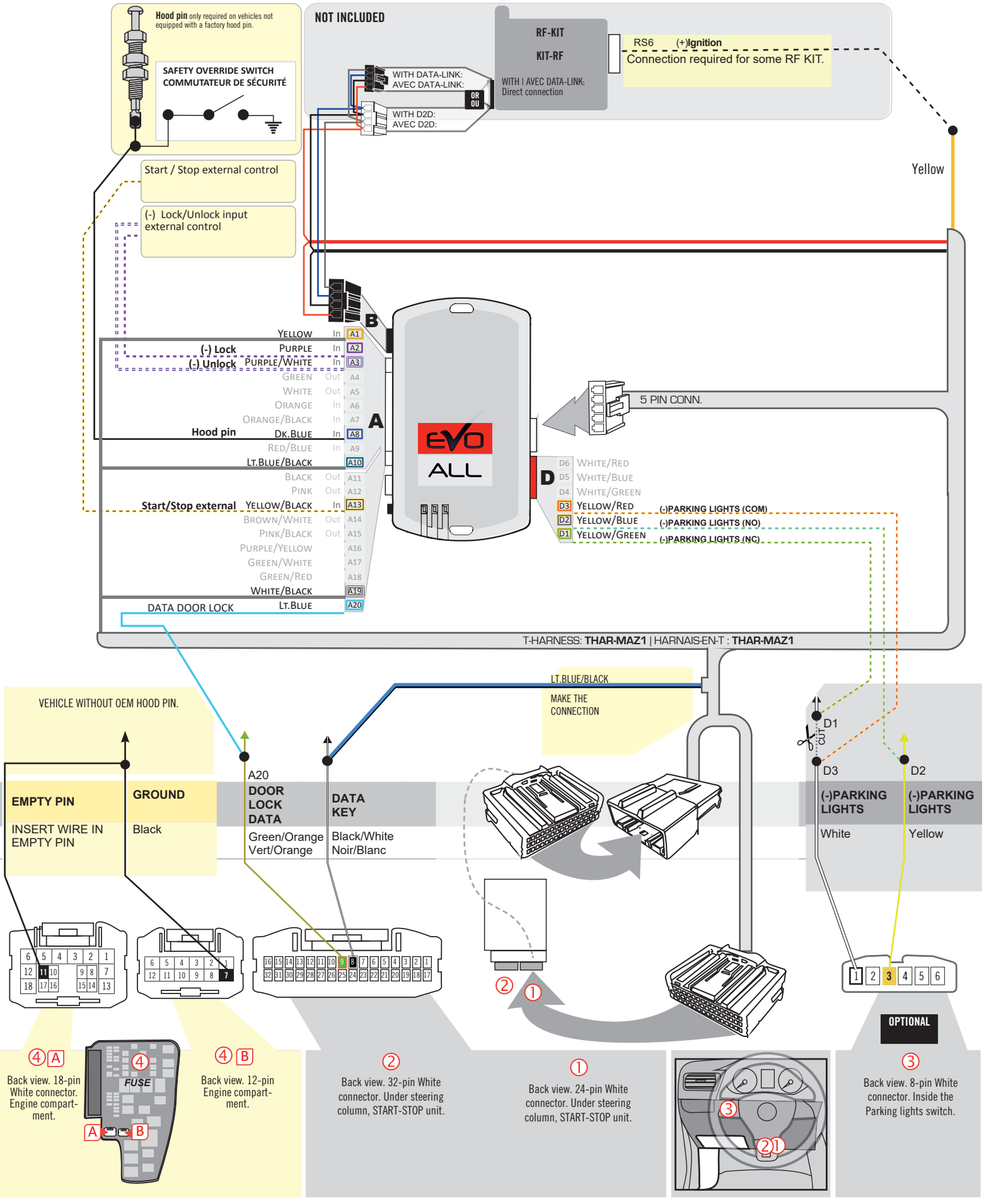
Connect the connector
A
into connector
C

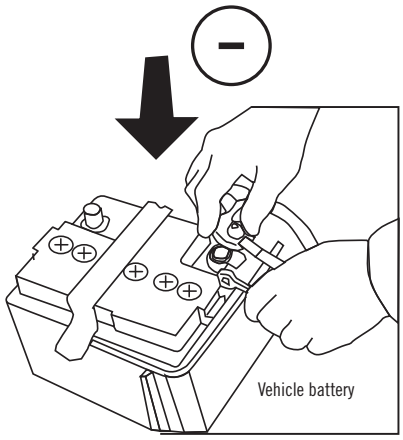
7

Make other required connections.

CONTINUED NEXT PAGE

AUTOMATIC TRANSMISSION WIRING CONNECTION





Reconnect the (-) terminal of the battery.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 1/6

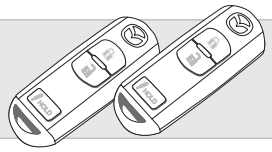
x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

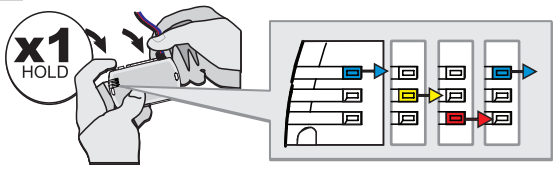
- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



Make sure to have two valide vehicle key.

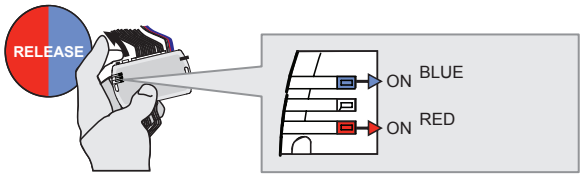
1



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

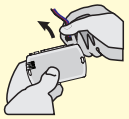
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

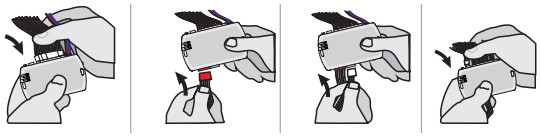


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector) and go back to step1.

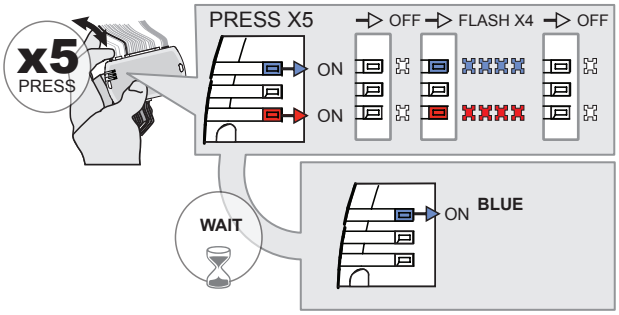


3



Connect the required remaining harnesses.

4



Press and release the programming button five times (5x).

↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

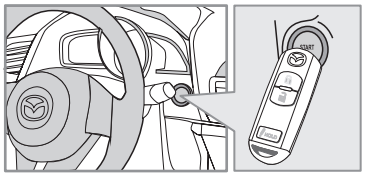
↳ ***Wait** for the Blue LED to turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 2/5

KEY#1

5



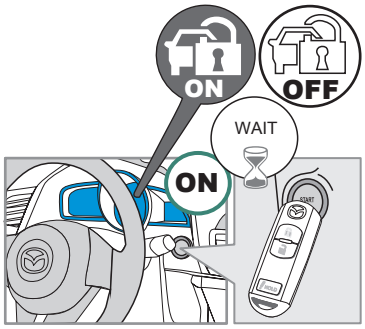
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

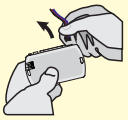
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



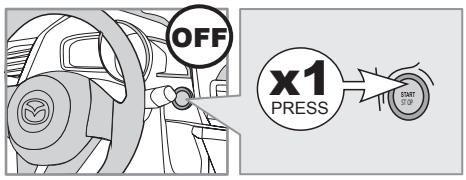
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



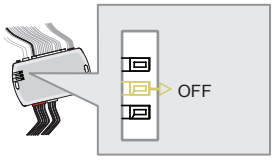
Wait for the security indicator to turn OFF (around 3 seconds).

IMMEDIATELY

8



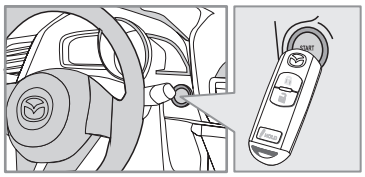
Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Yellow Led will turn OFF.*

KEY#2

9



Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

Press the START/STOP button twice to activate the vehicle's Ignition.

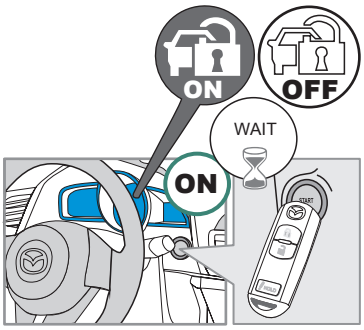
↳ *The Yellow LED will turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 3/6

KEY#2

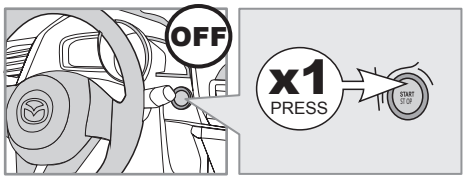
11



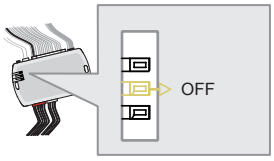
Wait for the security indicator to turn OFF (around 3 seconds).

12

IMMEDIATELY

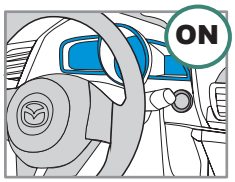


Press the START/STOP button once to deactivate the vehicle's Ignition.

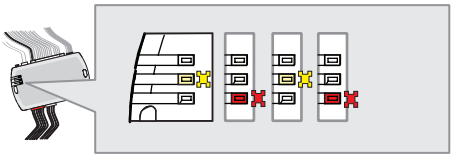


↳ *The Yellow Led will turn OFF.*

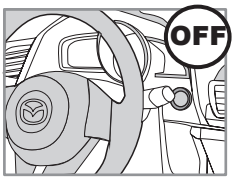
13



The vehicle's ignition will turn ON

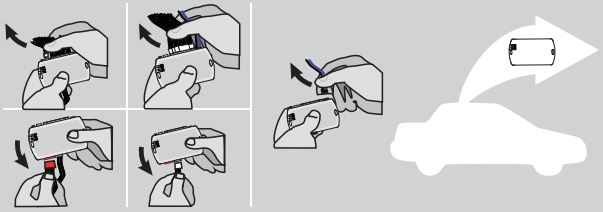


↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

14

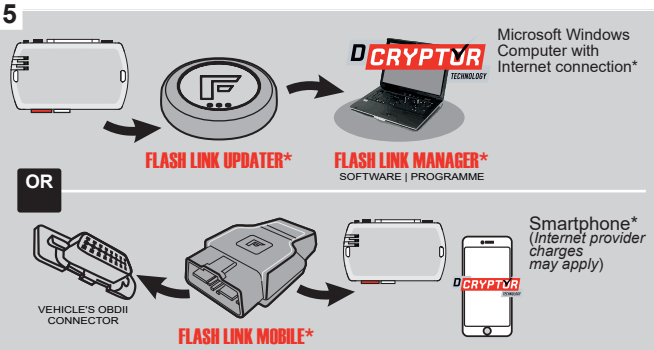


Disconnect all the connectors and after the Data-Link (4-pins) connector.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 4/6

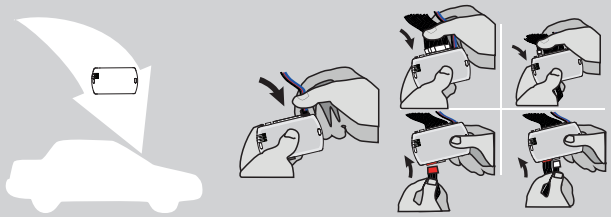
15



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

*Parts required (not included)

16



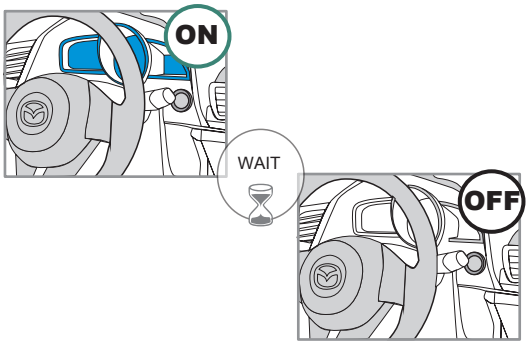
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

1 - 12

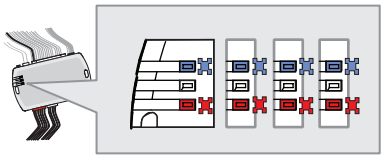
Repeat step 1 to 12.

18



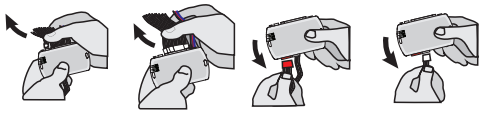
The vehicle's ignition will turn ON

The vehicle's Ignition will turn OFF.



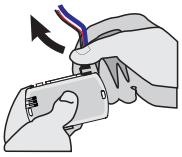
↳ *The Blue and Red LEDs will flash.*

19



Disconnect all Harness

20



Next:

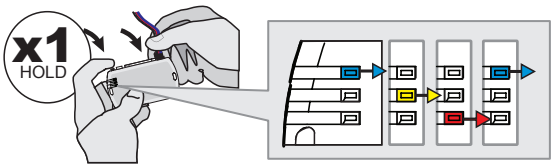
Disconnect the 4-PIN Data-link harness (Black connector).

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 5/6

CAN PROGRAMMING PROCEDURE

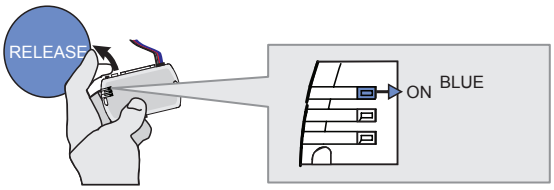
21



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

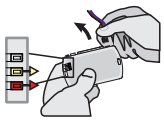
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

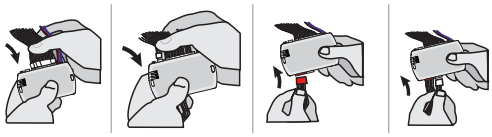


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

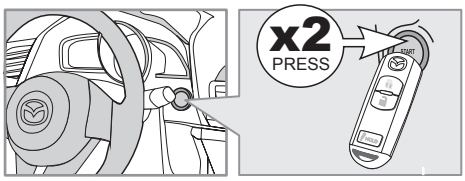


23

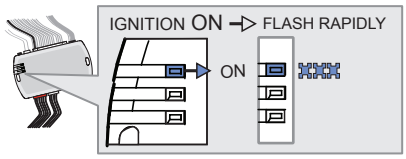


Connect the required remaining harnesses.

24

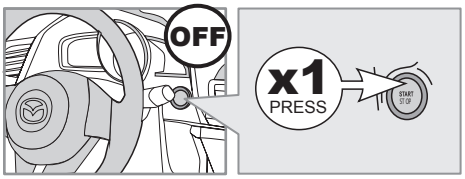


Press the START/STOP button twice to turn ON the vehicle's Ignition.

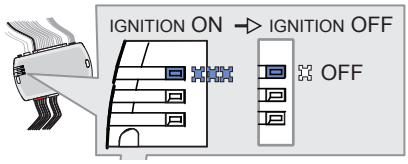


↳ *The Blue LED will flash rapidly.*

25



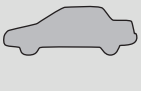
Press the START/STOP button once to turn OFF the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

The module is now programmed.

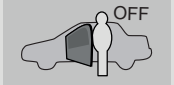
REMOTE STARTER FUNCTIONALITY |



All doors must be closed.

Remote start the vehicle.

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



The module will shut down the vehicle as soon as the drivers door is opened.

Enter the vehicle with the Smart-Key.

Press the brake pedal or the clutch for the manual transmission.

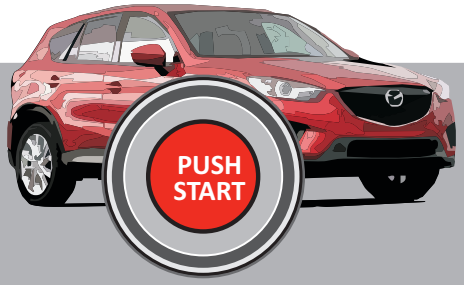
Press the Push-to-Start button to start the vehicle.

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

STAND ALONE THAR-MAZ1 THARNESS INSTALLATION - 2 KEYS PROGRAMMING

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.



VEHICLE		YEARS	Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
			Vehicle functions supported in this diagram (functional if equipped)												
MAZDA															
CX-5	*Push-to-Start - Automatic transmission only* *Push-to-Start - transmission automatique seulement*	2017-2020	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

85.[11]

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

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

Parts required (Not included)

1X 10 AMP 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

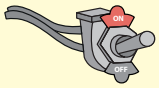
OR

1x **FLASH LINK MOBILE**
1x **FLASH LINK MOBILE APP**
1x 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
OEM Remote Stand Alone Remote Starter:

UNIT OPTION	DESCRIPTION
OR **D1.10** LOCK LOCK LOCK	**By default**, LOCK, LOCK, LOCK **Par défaut,** VERROUILLE,VERROUILLE,VERROUILLE
D1.1 LOCK UNLOCK LOCK	

Program bypass option with oem remote:

UNIT OPTION	DESCRIPTION
C1	OEM Remote Monitoring

Program bypass option with RF KIT antenna:

UNIT OPTION	DESCRIPTION
H1 to H6	Supported RF Kits and **select RF Kit**

REMOTE STARTER FUNCTIONALITY

All doors must be closed.

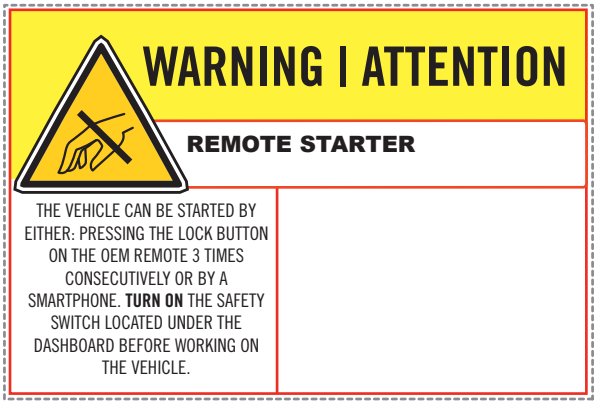
Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.

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
PARKING LIGHTS	
x4 flash:	FOB in car
x5 flash:	Hood open
x6 flash:	Brake ON
x7 flash:	Door open
x8 flash:	Bad Encryption/ key code

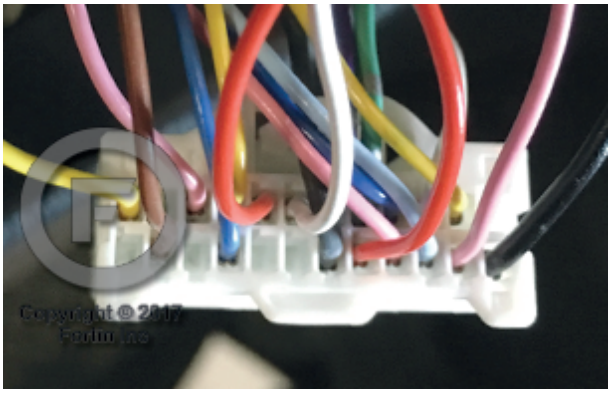
REMOTE STARTER WARNING CARD

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

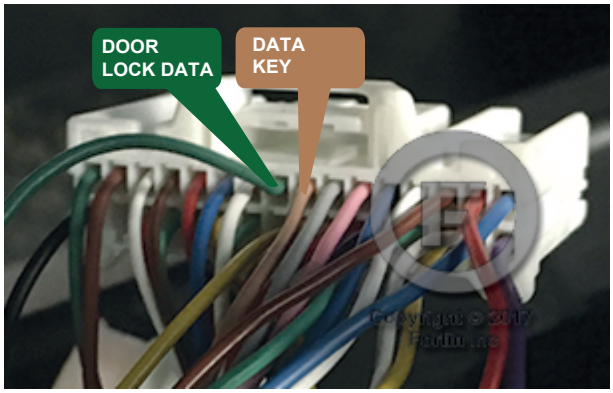


DESCRIPTION

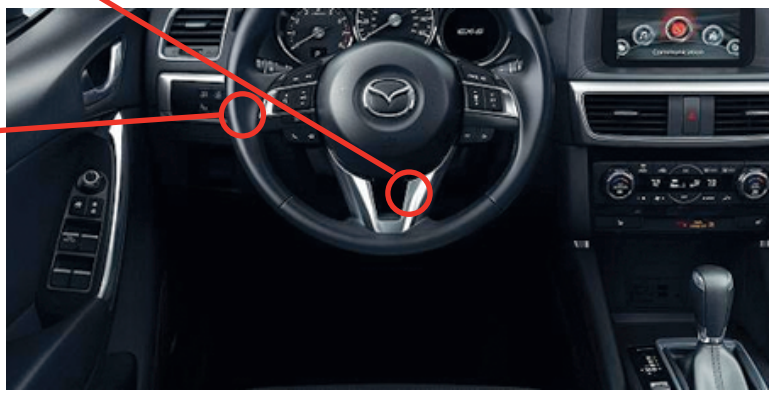
① Under steering column, START-STOP unit.

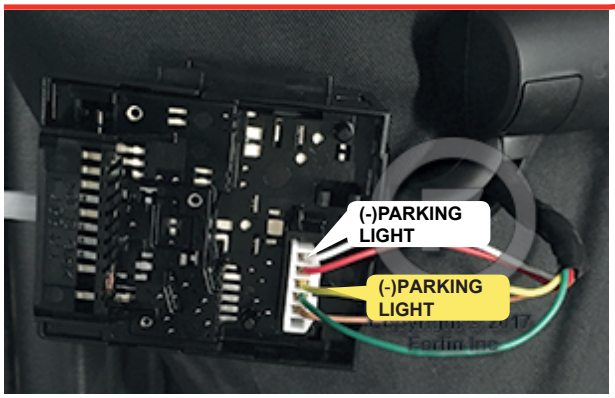


② Under steering column, START-STOP unit.

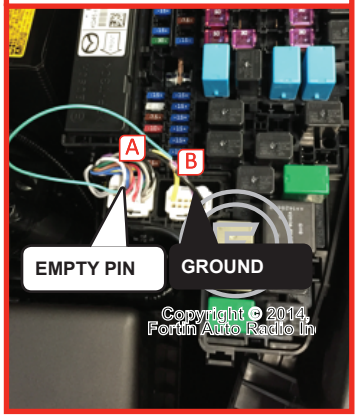


③ Inside the Parking Light switch





④ Engine compartment
- without OEM ALARM

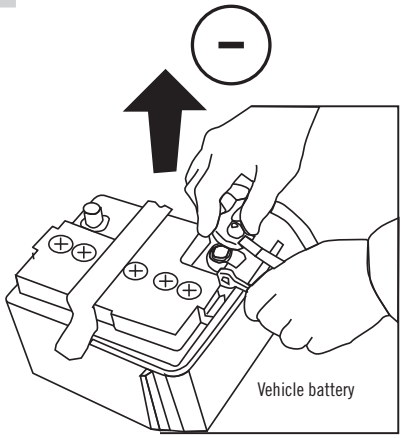


ATTENTION

Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect the negative terminal from the vehicle's battery.

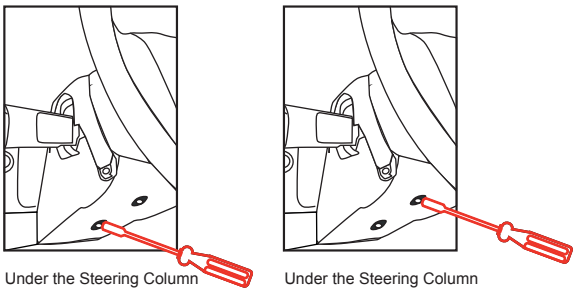
In these vehicles, the factory keyless entry module is sensitive to interference and may cease to operate if some precautions are not taken. Disconnect the (-) terminal of the battery prior to disconnecting the connectors at the smartkey module below the steering wheel to avoid damage to the smartkey entry module.

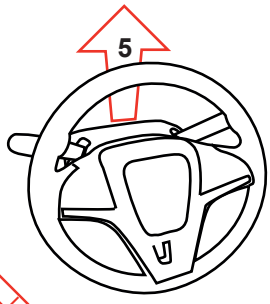
1



Disconnect the (-) terminal of the battery.

2





1 Unscrew.

2 Unscrew

3 Onclip

4 Onclip

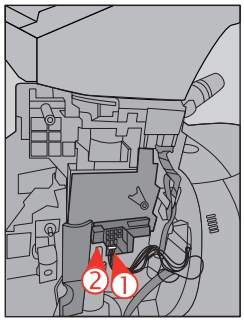
5 Gently pull up the cover of the steering column.

3

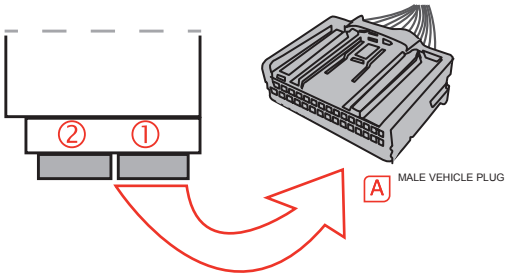
Make the following connections.

CONTINUED NEXT PAGE

4



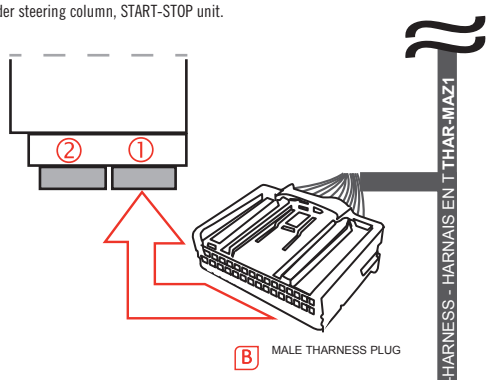
Under steering column, START-STOP unit.



Disconnect the connector
A

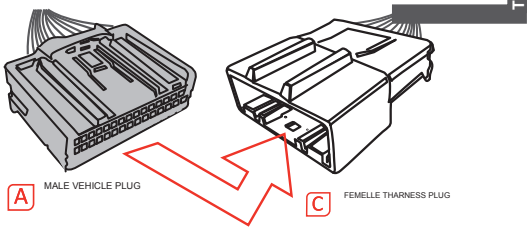
5

Under steering column, START-STOP unit.



Connect the connector
B

6



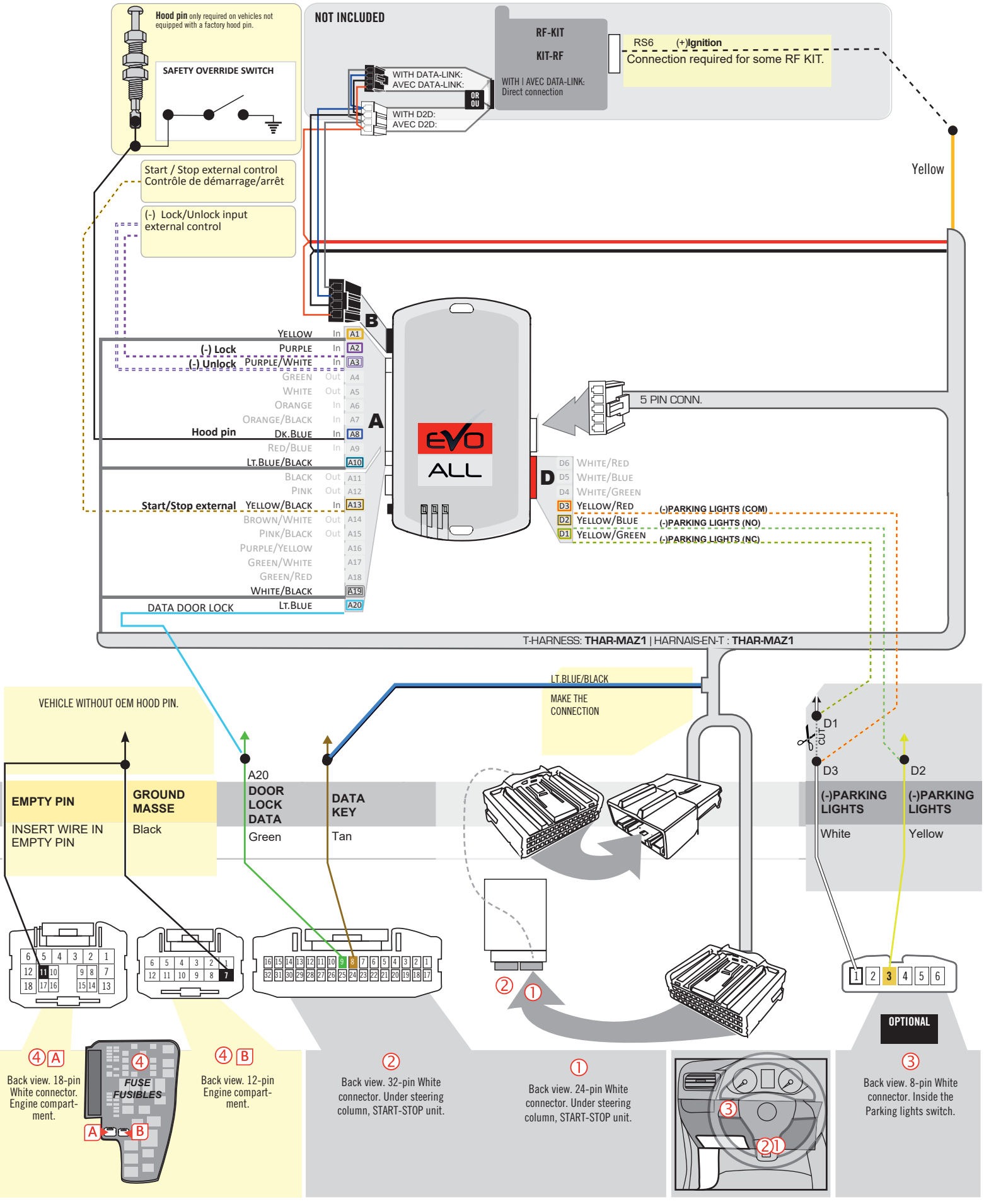
Connect the connector
A
into connector
C

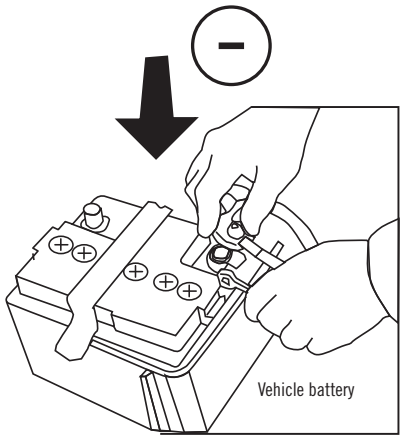
7

Make other required connections.

CONTINUED NEXT PAGE

AUTOMATIC TRANSMISSION WIRING CONNECTION





Reconnect the (-) terminal of the battery.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 1/6

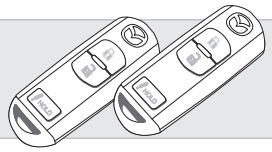
x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

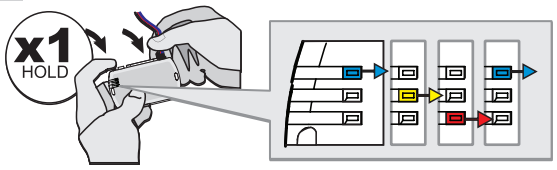
- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



Make sure to have two valide vehicle key.

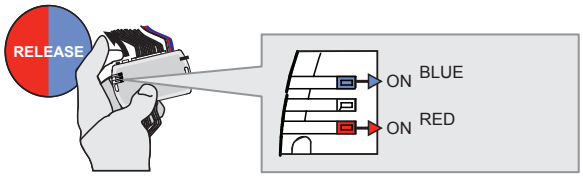
1



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

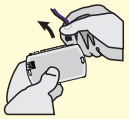
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

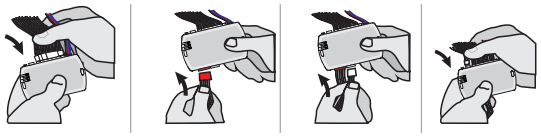


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector) and go back to step1.

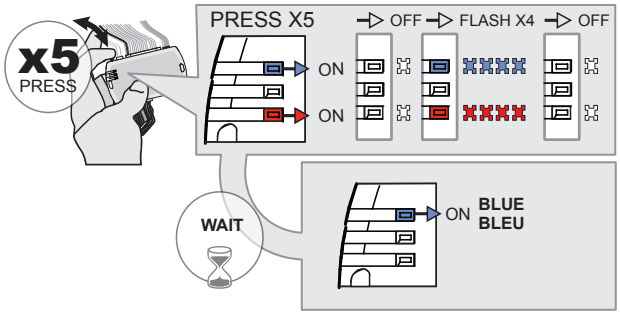


3



Connect the required remaining harnesses.

4



Press and release the programming button five times (5x).

↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

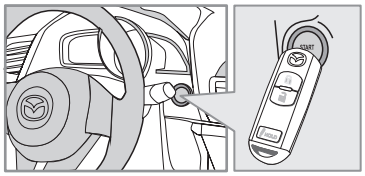
↳ ***Wait** for the Blue LED to turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 2/5

KEY#1

5



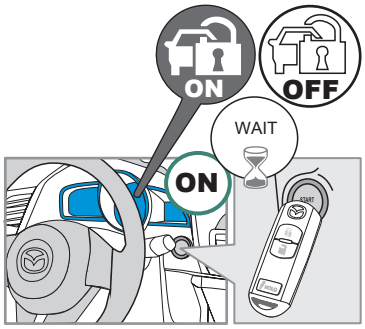
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

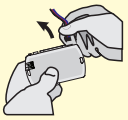
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



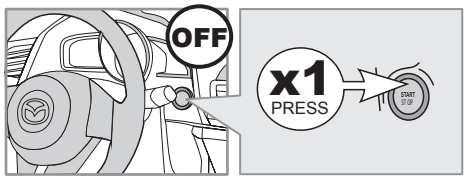
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



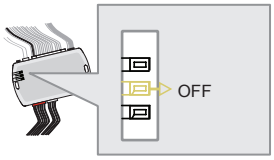
Wait for the security indicator to turn OFF (around 3 seconds).

IMMEDIATELY

8



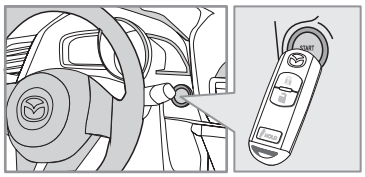
Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Yellow Led will turn OFF.*

KEY#2

9



Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

Press the START/STOP button twice to activate the vehicle's Ignition.

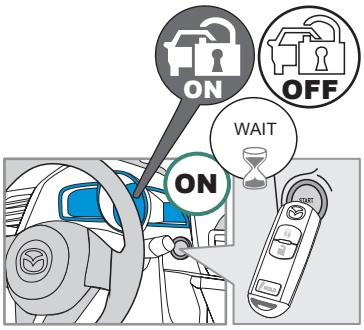
↳ *The Yellow LED will turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 3/6

KEY#2

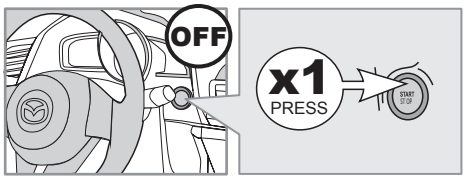
11



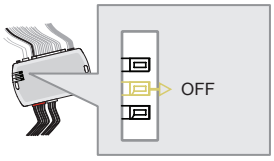
Wait for the security indicator to turn OFF (around 3 seconds).

12

IMMEDIATELY

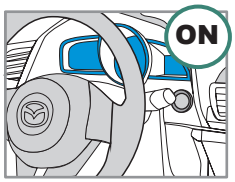


Press the START/STOP button once to deactivate the vehicle's Ignition.

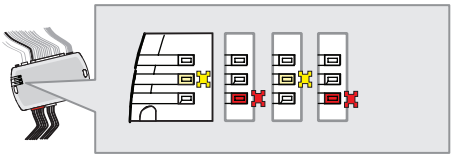


↳ *The Yellow Led will turn OFF.*

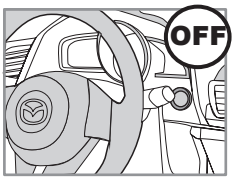
13



The vehicle's ignition will turn ON

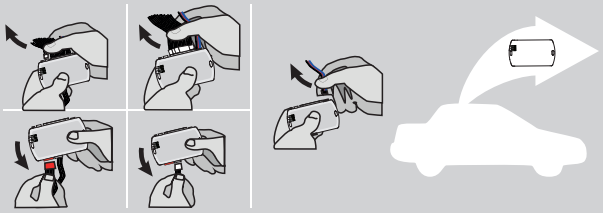


↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

14

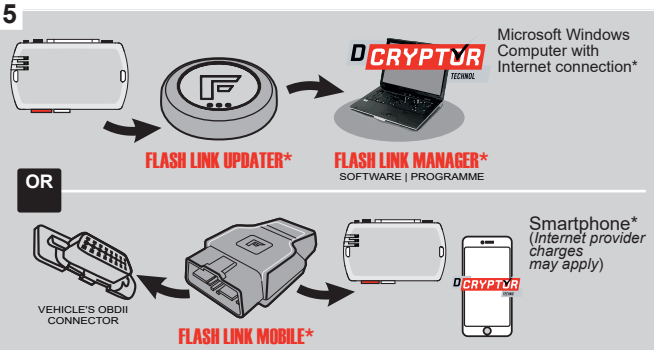


Disconnect all the connectors and after the Data-Link (4-pins) connector.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 4/6

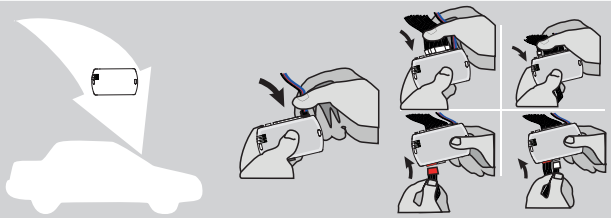
15



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

*Parts required (not included)

16



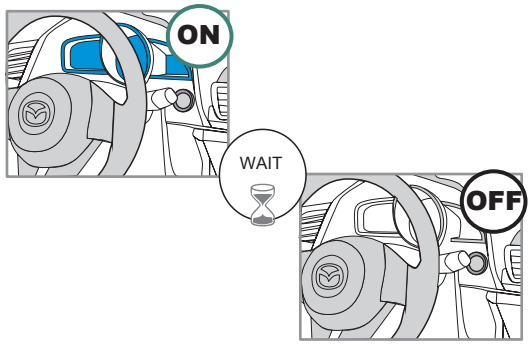
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

1 - 12

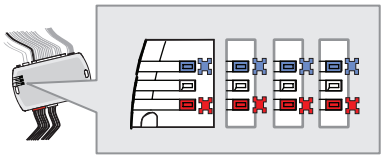
Repeat step 1 to 12.

18



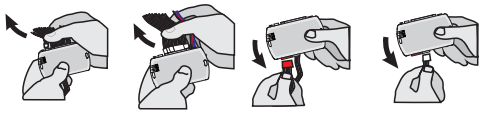
The vehicle's ignition will turn ON

The vehicle's Ignition will turn OFF.



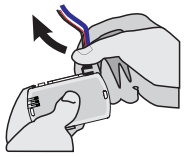
↳ *The Blue and Red LEDs will flash.*

19



Disconnect all Harness

20



Next:

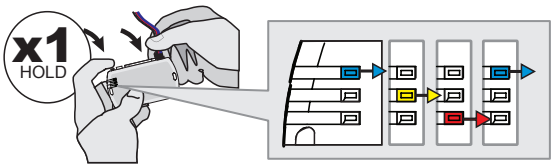
Disconnect the 4-PIN Data-link harness (Black connector).

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 5/6

CAN PROGRAMMING PROCEDURE

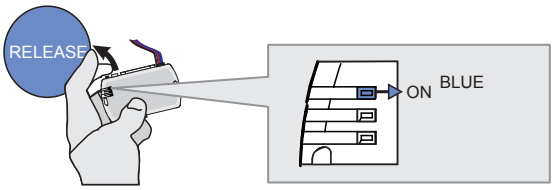
21



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

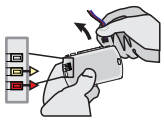
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

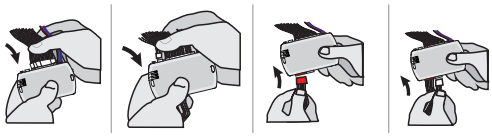


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

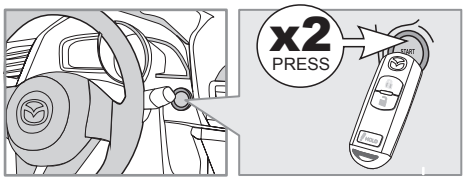


23

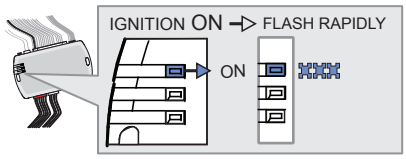


Connect the required remaining harnesses.

24

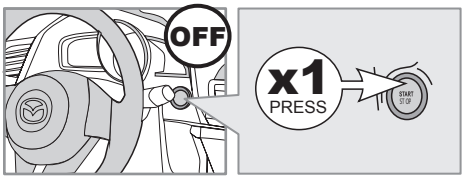


Press the START/STOP button twice to turn ON the vehicle's Ignition.

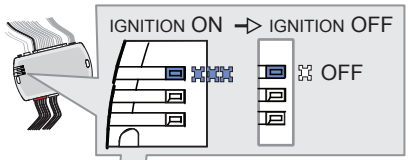


↳ *The Blue LED will flash rapidly.*

25



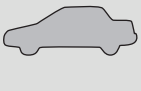
Press the START/STOP button once to turn OFF the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

The module is now programmed.

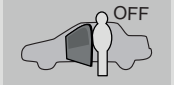
REMOTE STARTER FUNCTIONALITY |



All doors must be closed.

Remote start the vehicle.

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



The module will shut down the vehicle as soon as the drivers door is opened.

Enter the vehicle with the Smart-Key.

Press the brake pedal or the clutch for the manual transmission.

Press the Push-to-Start button to start the vehicle.

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

STAND ALONE THAR-MAZ1 THARNESS INSTALLATION - 2 KEYS PROGRAMMING

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	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
MAZDA															
MX5	*Push-to-Start - Automatic transmission*	2016-2019	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

85.[11]

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

Program bypass option (If equiped with OEM alarm):	**D2**	Unlock before / Lock after (Disarm OEM alarm)

NOTES

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

Parts required (Not included)

1X 10 AMP 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

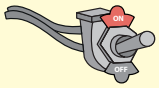
OR

1x **FLASH LINK MOBILE**
1x **FLASH LINK MOBILE APP**
1x 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
OEM Remote Stand Alone Remote Starter:

UNIT OPTION	DESCRIPTION
D1.10 (LOCK LOCK LOCK)	**By default**, LOCK, LOCK, LOCK **Par défaut,** VERROUILLE,VERROUILLE,VERROUILLE
OR D1.1 (LOCK UNLOCK LOCK)	

Program bypass option with oem remote:

UNIT OPTION	DESCRIPTION
C1	OEM Remote Monitoring

Program bypass option with RF KIT antenna:

UNIT OPTION	DESCRIPTION
H1 to H6	Supported RF Kits and **select RF Kit**

REMOTE STARTER FUNCTIONALITY

All doors must be closed.

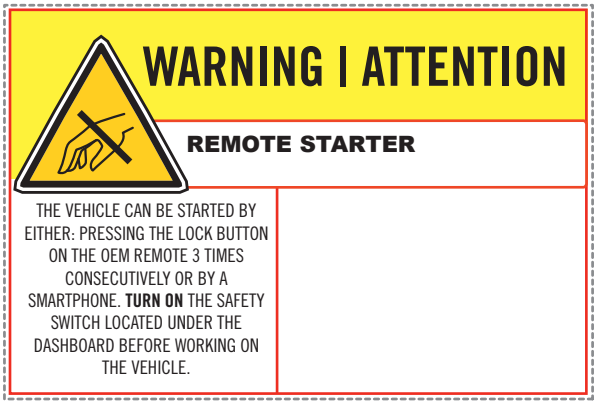
Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.

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
PARKING LIGHTS	
x4 flash:	FOB in car
x5 flash:	Hood open
x6 flash:	Brake ON
x7 flash:	Door open
x8 flash:	Bad Encryption/ key code

REMOTE STARTER WARNING CARD

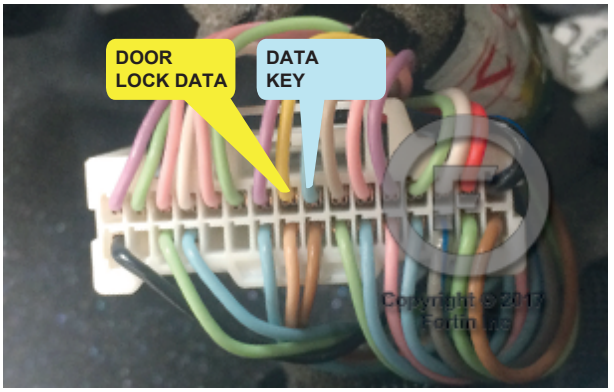
CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
or use the package **RSPB**, Sold separately.



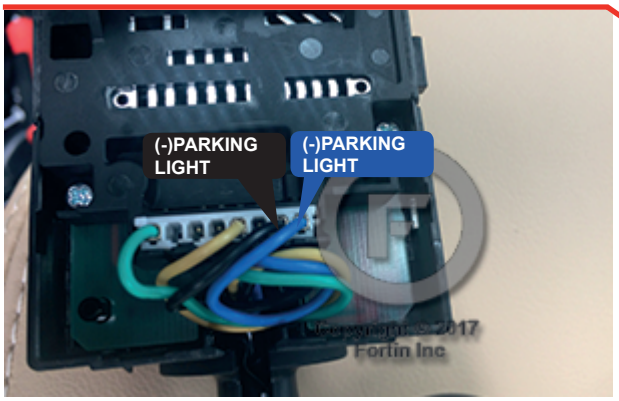
DESCRIPTION

① Under steering column, START-STOP unit.

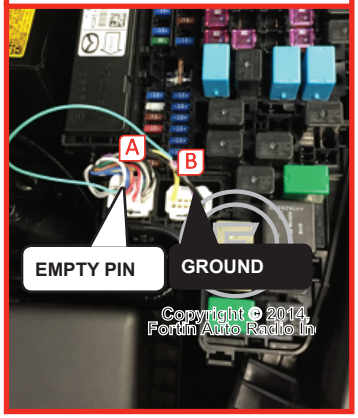
② Under steering column, START-STOP unit.



③ Inside the Parking Light switch



④ Engine compartment
- without OEM ALARM

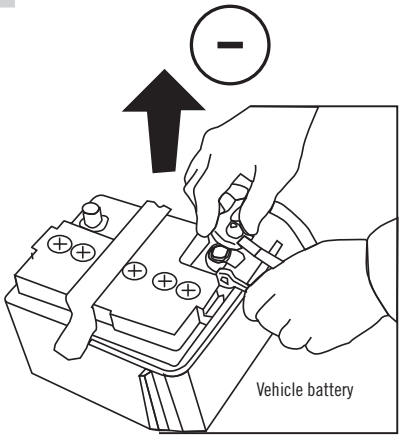


ATTENTION

Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect the negative terminal from the vehicle's battery.

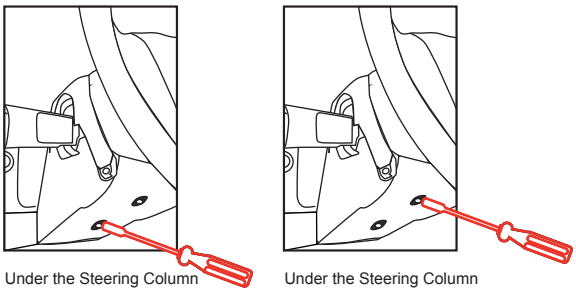
In these vehicles, the factory keyless entry module is sensitive to interference and may cease to operate if some precautions are not taken. Disconnect the (-) terminal of the battery prior to disconnecting the connectors at the smartkey module below the steering wheel to avoid damage to the smartkey entry module.

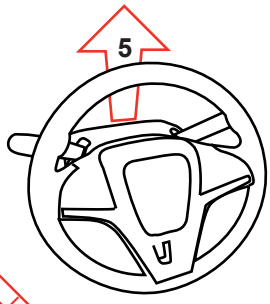
1



Disconnect the (-) terminal of the battery.

2





1 Unscrew.

2 Unscrew

3 Onclip

4 Onclip

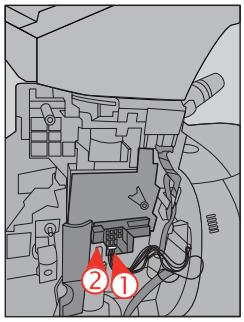
5 Gently pull up the cover of the steering column.

3

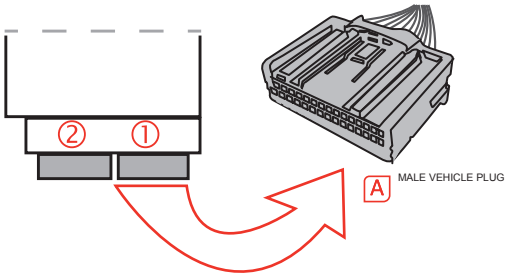
Make the following connections.

CONTINUED NEXT PAGE

4



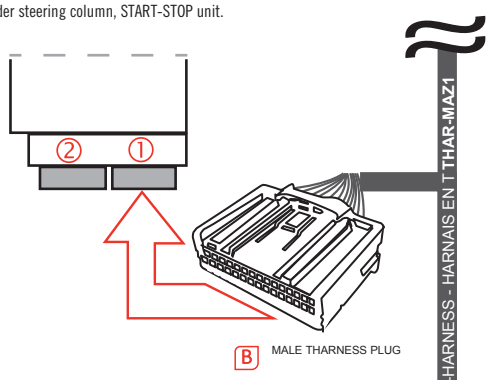
Under steering column, START-STOP unit.



Disconnect the connector
A

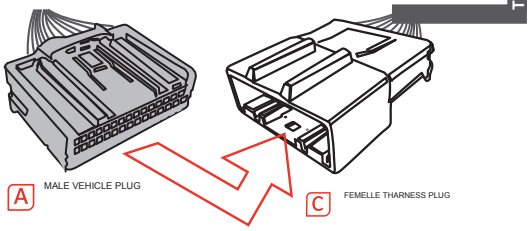
5

Under steering column, START-STOP unit.



Connect the connector
B

6



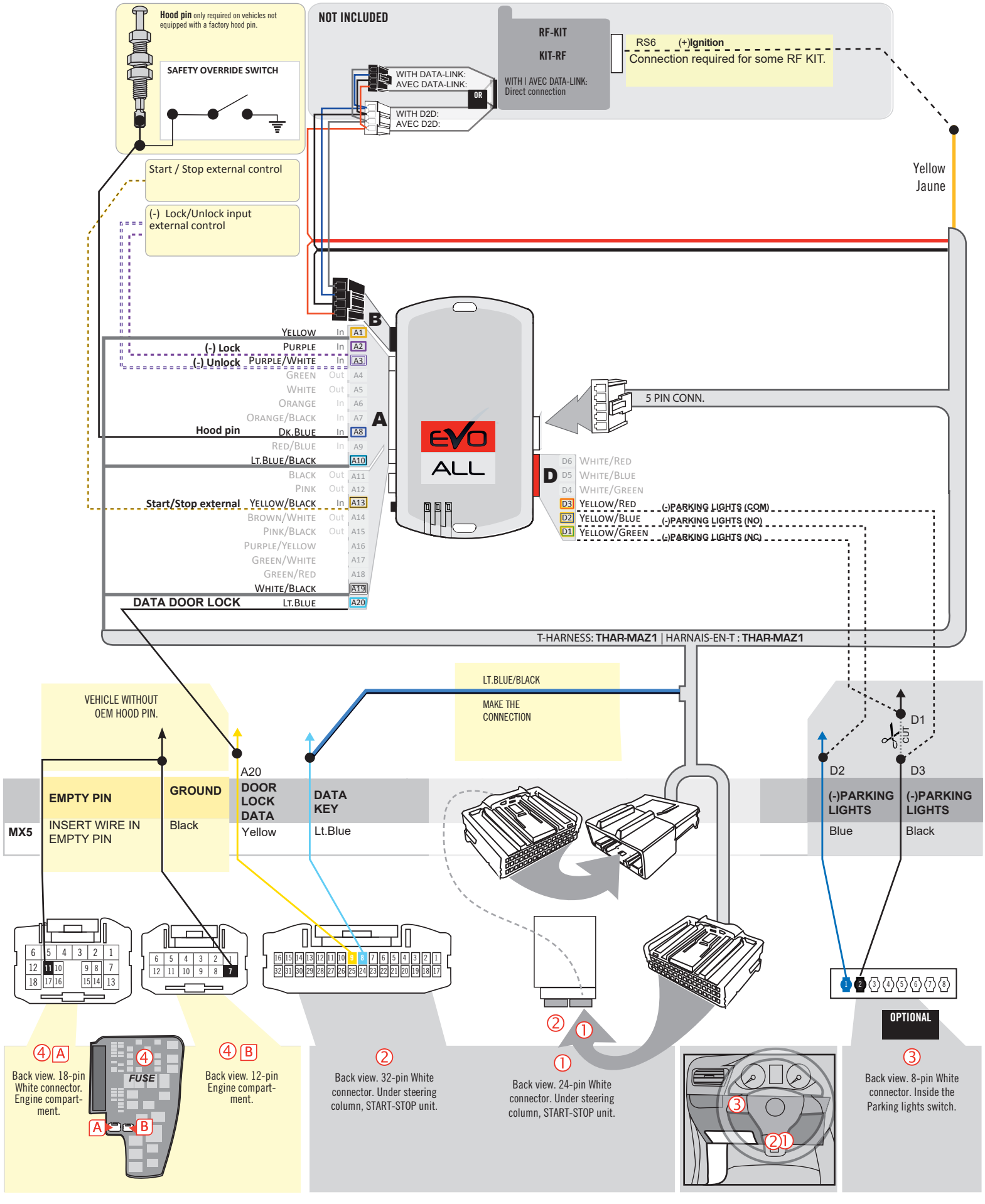
Connect the connector
A
into connector
C

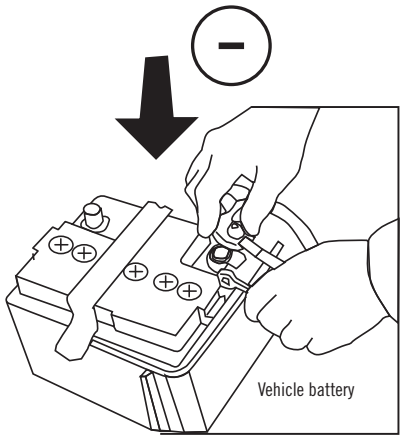
7

Make other required connections.

CONTINUED NEXT PAGE

AUTOMATIC TRANSMISSION WIRING CONNECTION





Reconnect the (-) terminal of the battery.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 1/6

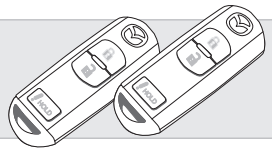
x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

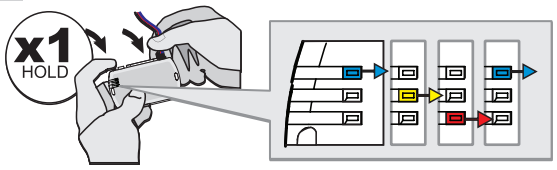
- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



Make sure to have two valide vehicle key.

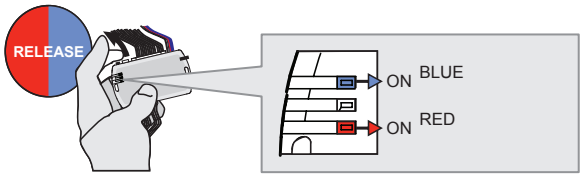
1



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

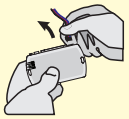
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

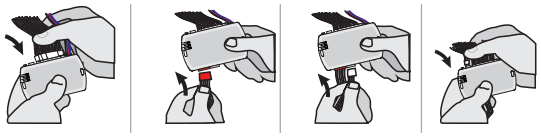


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector) and go back to step1.

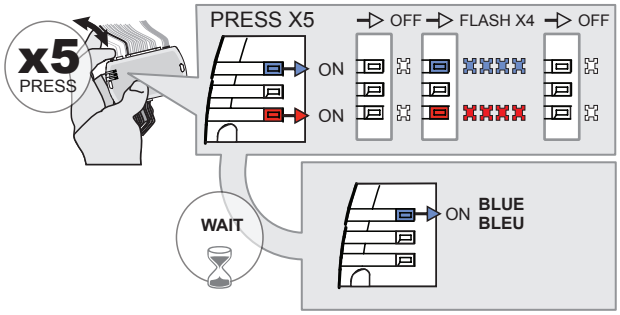


3



Connect the required remaining harnesses.

4



Press and release the programming button five times (5x).

↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

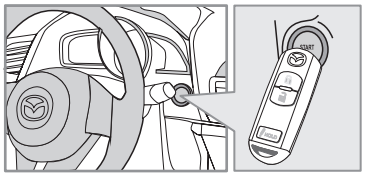
↳ ***Wait** for the Blue LED to turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 2/5

KEY#1

5



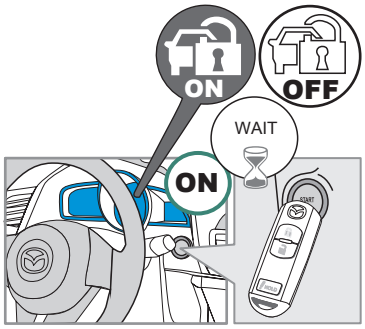
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

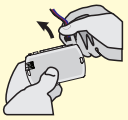
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



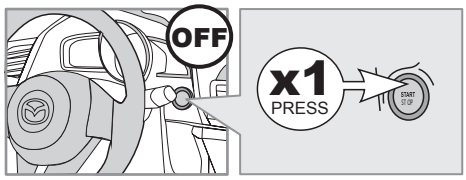
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



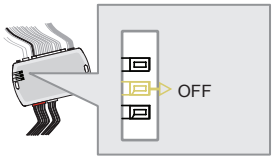
Wait for the security indicator to turn OFF (around 3 seconds).

IMMEDIATELY

8



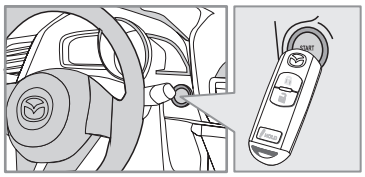
Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Yellow Led will turn OFF.*

KEY#2

9



Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

Press the START/STOP button twice to activate the vehicle's Ignition.

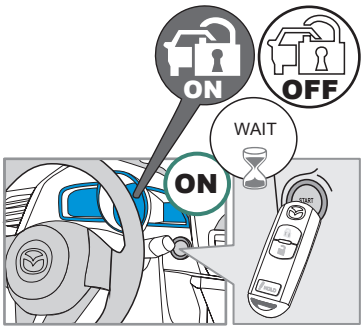
↳ *The Yellow LED will turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 3/6

KEY#2

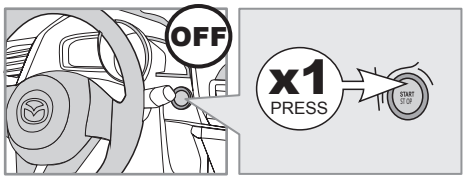
11



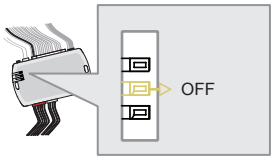
Wait for the security indicator to turn OFF (around 3 seconds).

12

IMMEDIATELY

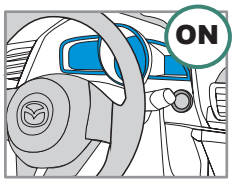


Press the START/STOP button once to deactivate the vehicle's Ignition.

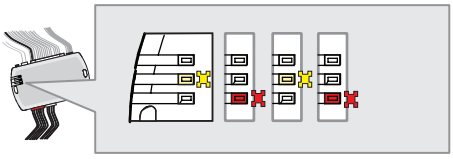


↳ *The Yellow Led will turn OFF.*

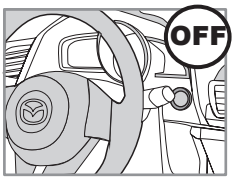
13



The vehicle's ignition will turn ON

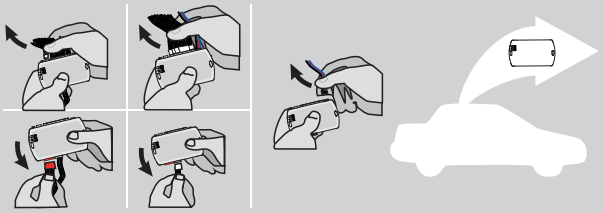


↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

14

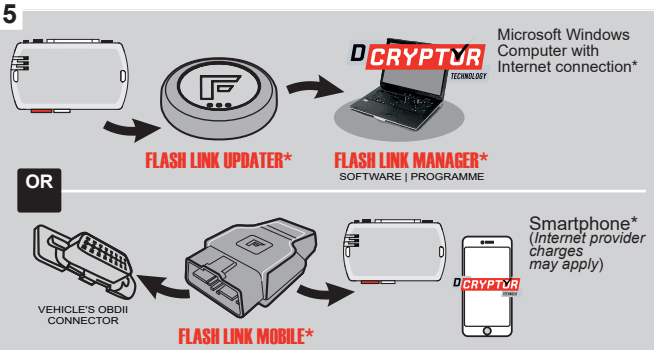


Disconnect all the connectors and after the Data-Link (4-pins) connector.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 4/6

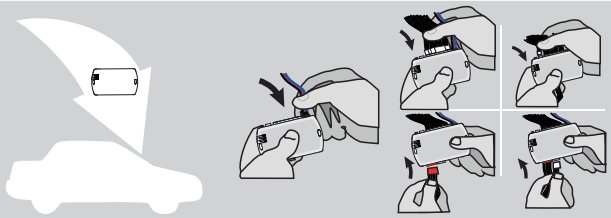
15



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

*Parts required (not included)

16



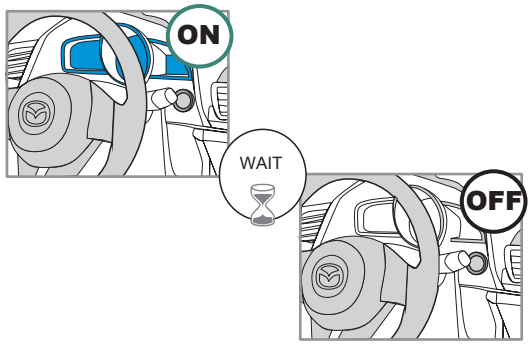
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

1 - 12

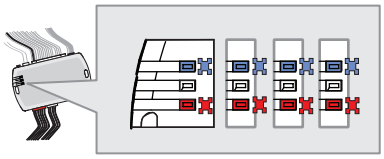
Repeat step 1 to 12.

18



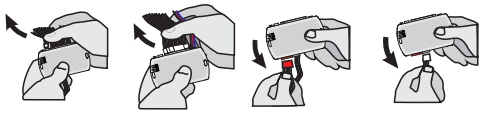
The vehicle's ignition will turn ON

The vehicle's Ignition will turn OFF.



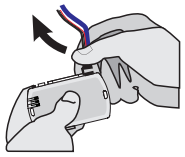
↳ *The Blue and Red LEDs will flash.*

19



Disconnect all Harness

20



Next:

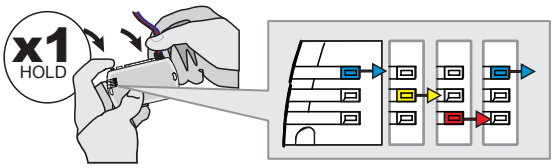
Disconnect the 4-PIN Data-link harness (Black connector).

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 5/6

CAN PROGRAMMING PROCEDURE

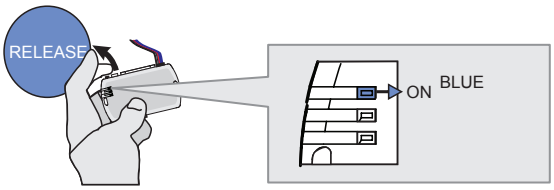
21



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

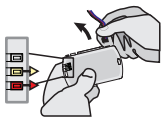
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

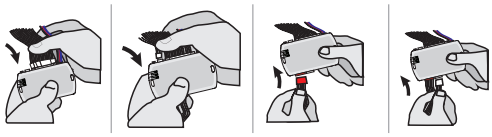


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

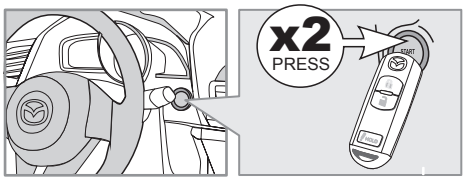


23

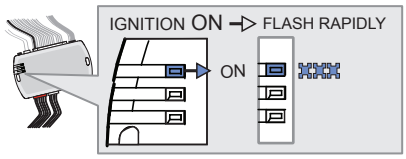


Connect the required remaining harnesses.

24

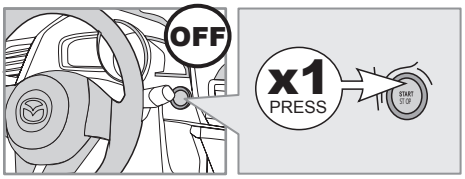


Press the START/STOP button twice to turn ON the vehicle's Ignition.

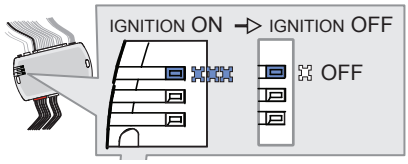


↳ *The Blue LED will flash rapidly.*

25



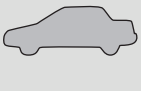
Press the START/STOP button once to turn OFF the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

The module is now programmed.

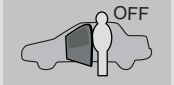
REMOTE STARTER FUNCTIONALITY |



All doors must be closed.

Remote start the vehicle.

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



The module will shut down the vehicle as soon as the drivers door is opened.

Enter the vehicle with the Smart-Key.

Press the brake pedal or the clutch for the manual transmission.

Press the Push-to-Start button to start the vehicle.

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

MAZDA 6 - T-HARNESS MAZDA - STAND ALONE

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

VEHICLE		YEARS	Connection #			Vehicle functions supported in this diagram (functional if equipped)											
			REMOTE STARTER NO DOORLOCK	REMOTE STARTER & DOORLOCK CONTROL	VEHICLE WITHOUT OEM ALARM	Immobilizer bypass	Lock	Unlock	Arm	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	Alarm mode
MAZDA																	
6	*Push-to-Start - AT*	2013-2016	1	2	3	•	•	•	•	•	•	•	•	•	•	•	•

HARDWARE VERSION

MINIMUM **6**

FIRMWARE VERSION

71.[35]

FORD MINIMUM

Parts required (Not included)

1X 10 AMP Fuse
1x Diode 1A
1X 1K Ohm Resistor (with doorlock)

FLASH LINK MANAGER
Software version 3.52 and more

FLASH LINK UPDATER 2

1X

Microsoft Windows Computer &
Internet connection

DCRYPTOR TECHNOLOGY

PARTS REQUIRED (NOT INCLUDED)

FLASH LINK UPDATER 2

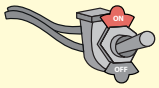
FLASH LINK MANAGER
SOFTWARE | PROGRAMME

Microsoft Windows Computer
(Internet connection required)

MANDATORY

HOOD PIN

REMOTE START SAFETY OVERRIDE SWITCH



VALET SWITCH

Part #: RSPB availbale, 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
D1	OEM Remote Stand Alone Remote Starter

Program bypass option with oem remote:

UNIT OPTION	DESCRIPTION
C1	OEM Remote Monitoring

Program bypass option with RF KIT antenna:

UNIT OPTION	DESCRIPTION
H1 to H6	Supported RF Kits and **select RF Kit**

REMOTE STARTER FUNCTIONNALITY

All doors must be closed.

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

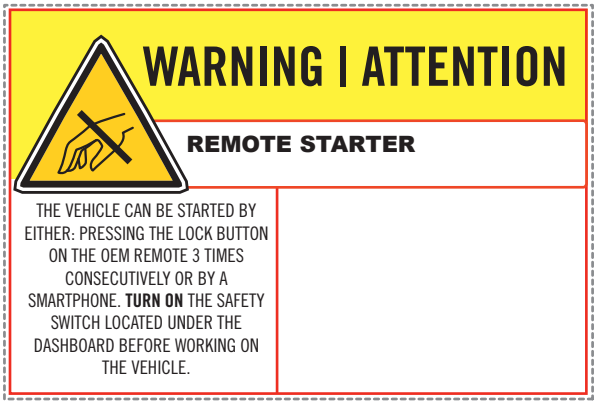
The vehicle will START.

REMOTE STARTER DIAGNOSTICS

MODULE RED LED	
x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	Ignition before start
x5 flash :	Hood Open
PARKING LIGHTS	
x4 flash:	FOB in car
x5 flash:	Hood open
x6 flash:	Brake ON
x7 flash:	Door open
x8 flash:	Bad Encryption/ key code

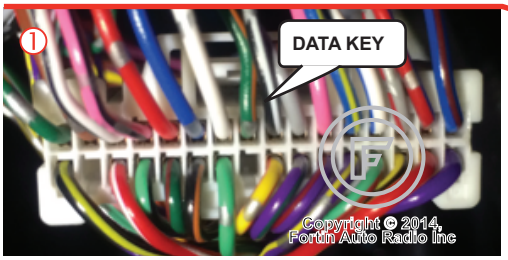
REMOTE STARTER WARNING CARD

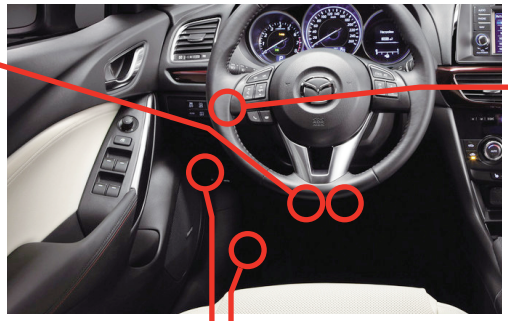
CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
or use the package **RSPB**, Sold separately.



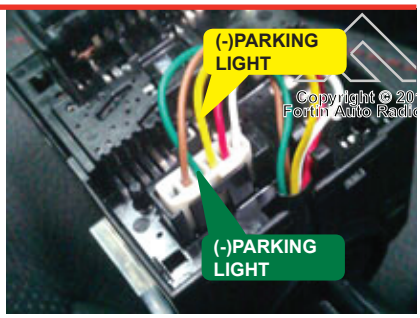
DESCRIPTION |

① ② Under steering column, START-STOP unit



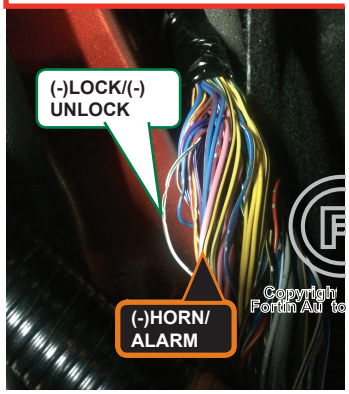


③ Parking Light connector

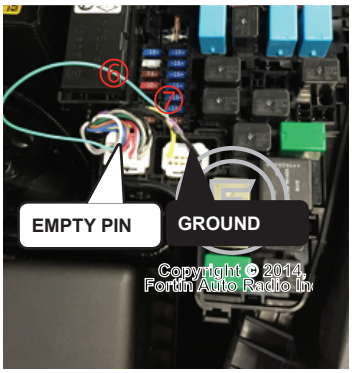


④ above Driver Kick Panel. Near firewall.

⑤ ⑧ driver kick panel.



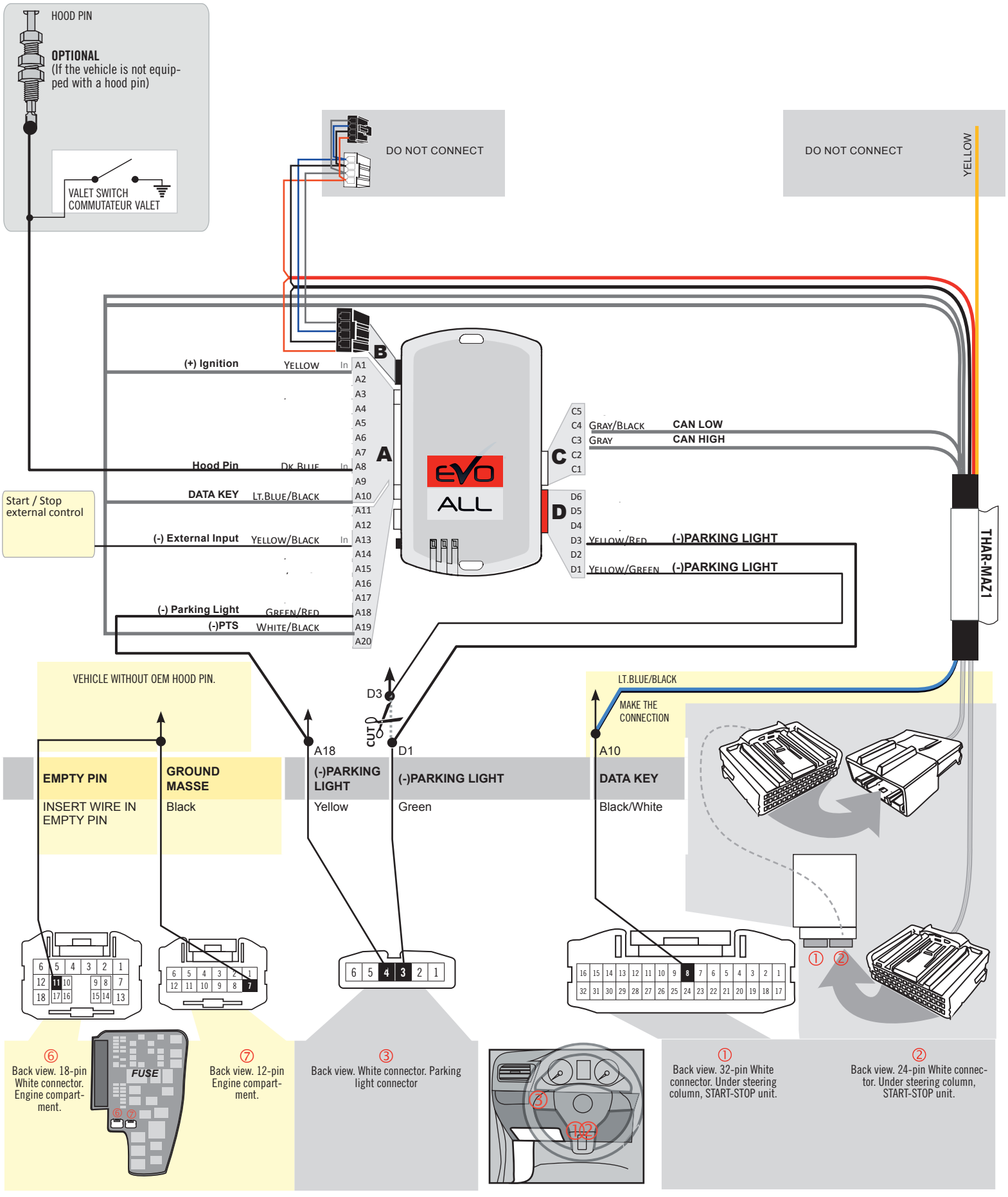
⑥ ⑦ Engine compartment - without OEM ALARM



CONNECTION 1

REMOTE CAR STARTER ONLY - DOORLOCK BY OEM REMOTE

AUTOMATIC TRANSMISSION ONLY



CONNECTION 2

REMOTE CAR STARTER AND DOORLOCK

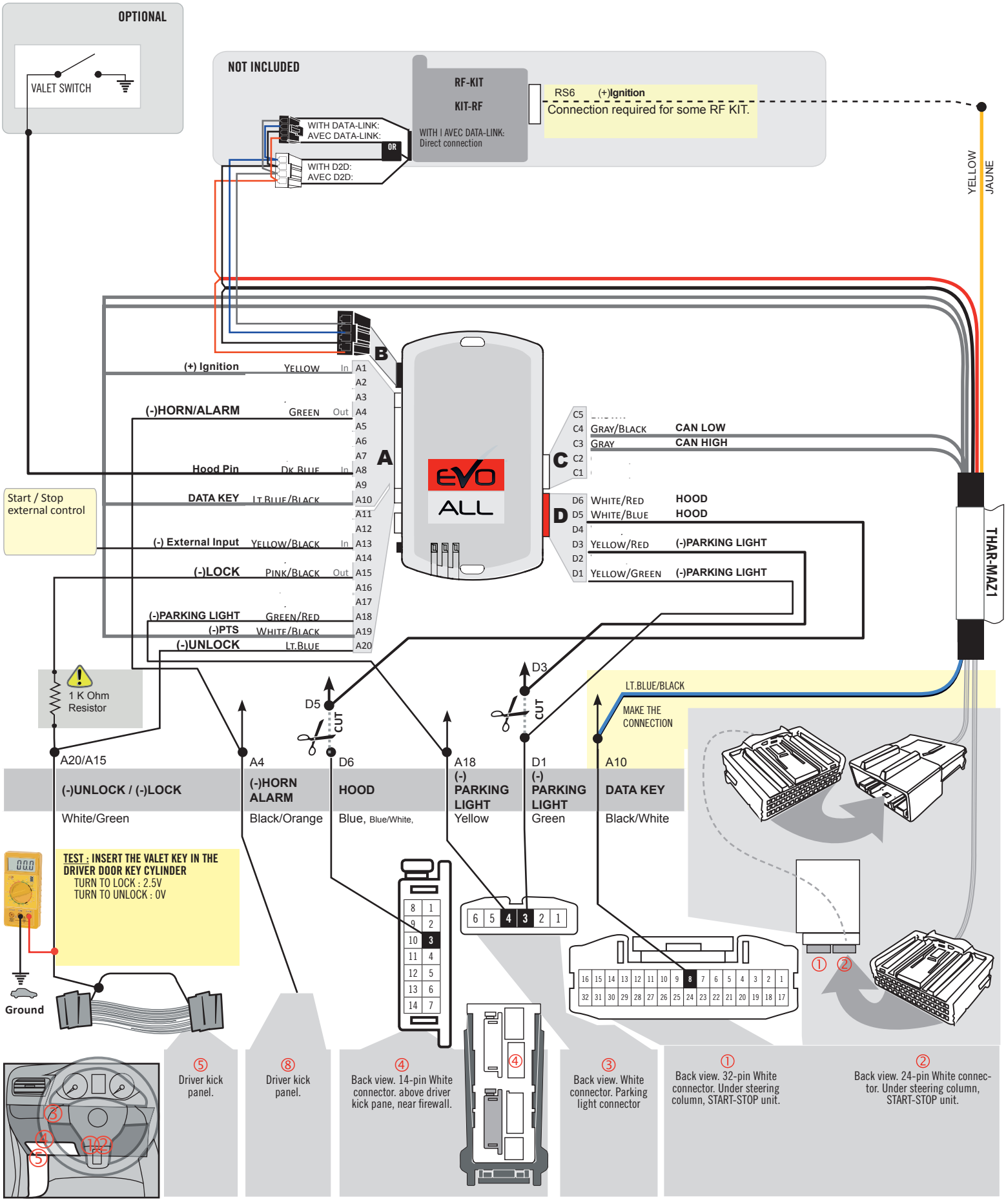
Program bypass option:

UNIT OPTION	DESCRIPTION
C1	OEM Remote status (Lock/Unlock) monitoring
G1	Evo Alarm enable

CONNECTION 2

REMOTE CAR STARTER AND DOORLOCK

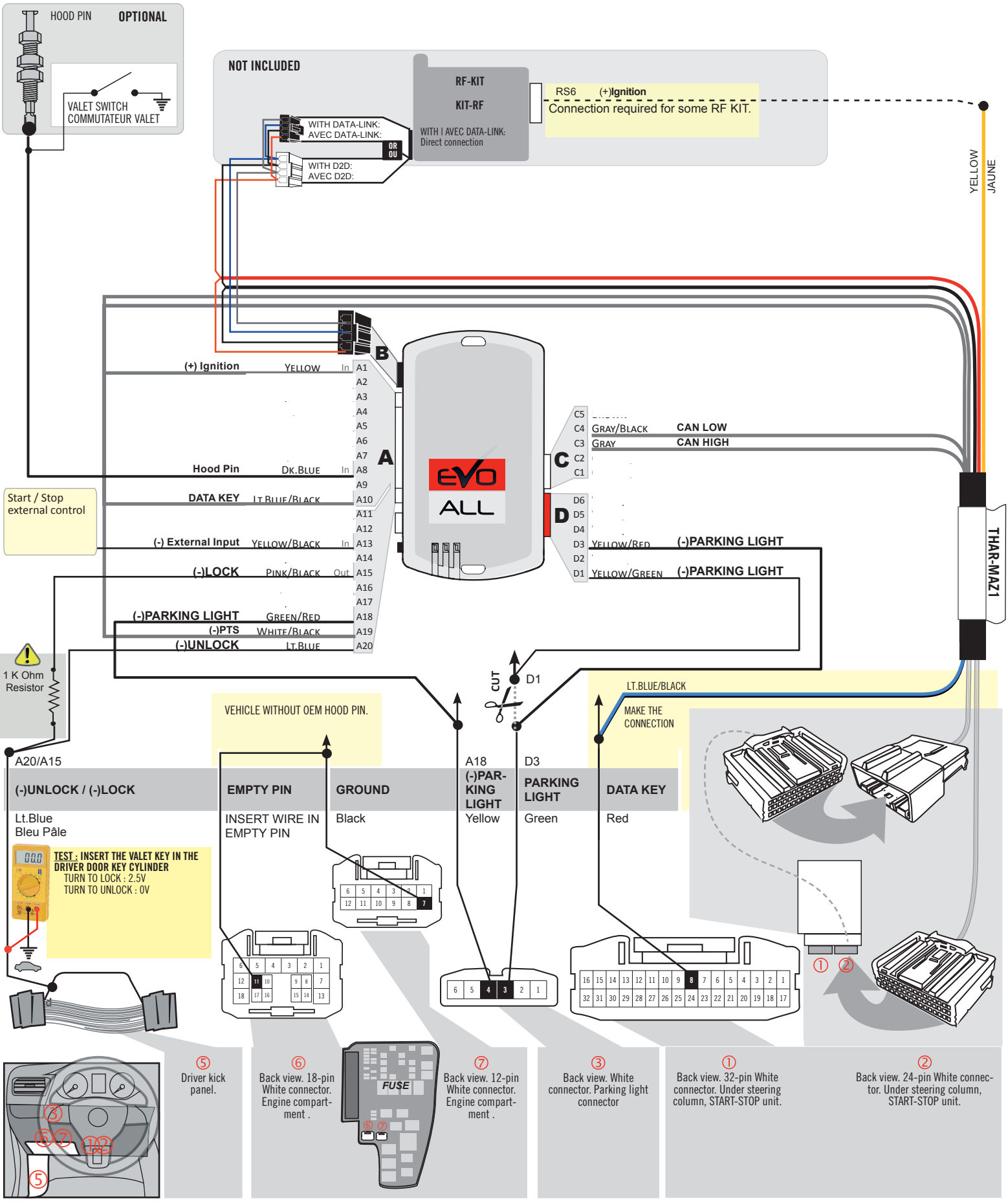
AUTOMATIC TRANSMISSION ONLY



CONNECTION 3

VEHICLE WITHOUT HOOD PIN & WITHOUT OEM ALARM

AUTOMATIC TRANSMISSION ONLY



KEY BYPASS PROGRAMMING PROCEDURE 1/5 |

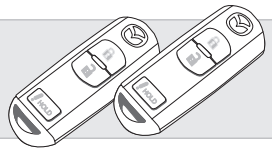
x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

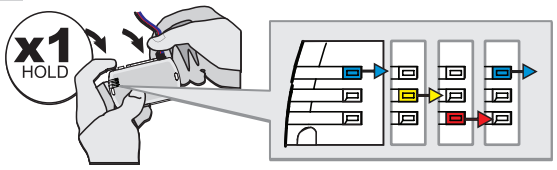
- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



Make sure to have two valide vehicle key.

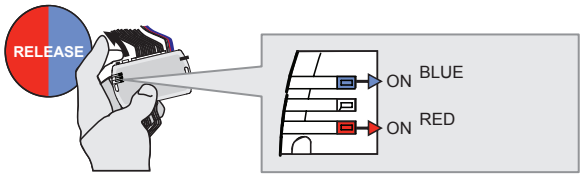
1



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

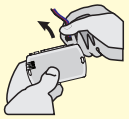
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

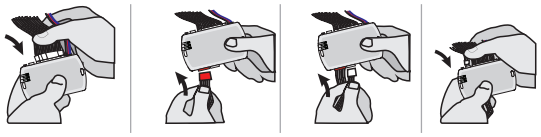


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector) and go back to step1.

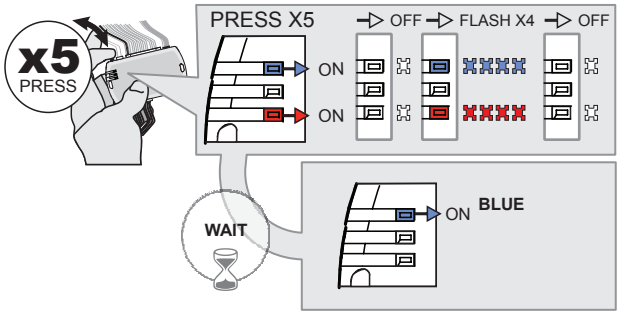


3



Connect the required remaining harnesses.

4



Press and release the programming button five times (5x).

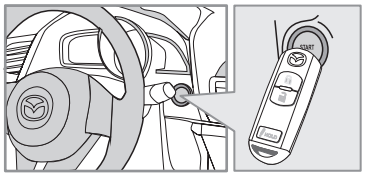
↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

↳ ***Wait** for the Blue LED to turn ON.*

KEY BYPASS PROGRAMMING PROCEDURE 2/5 |

KEY#1

5



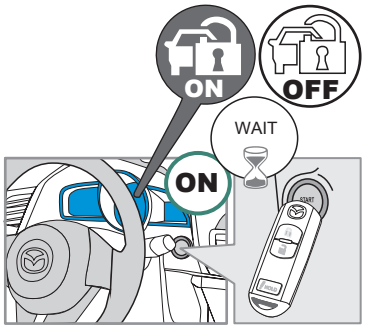
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

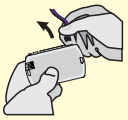
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



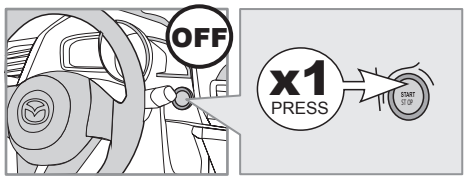
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



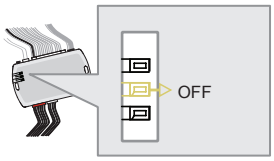
Wait for the security indicator to turn OFF (around 3 seconds).

8

IMMEDIATELY



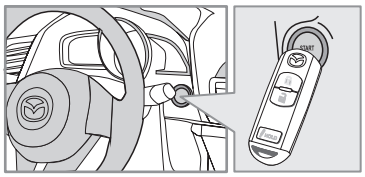
Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Yellow Led will turn OFF.*

KEY#2

9



Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

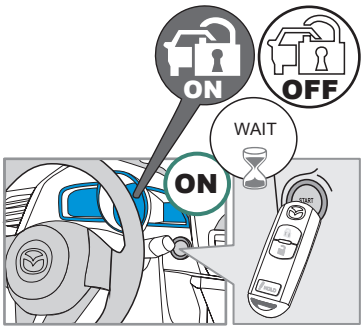
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

KEY BYPASS PROGRAMMING PROCEDURE 3/5 |

KEY#2

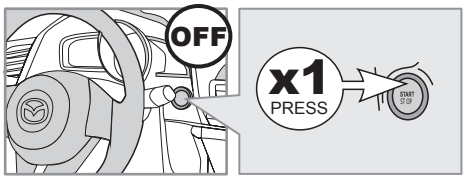
11



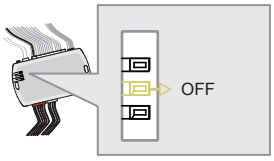
Wait for the security indicator to turn OFF (around 3 seconds).

12

IMMEDIATELY

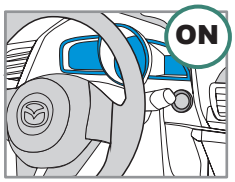


Press the START/STOP button once to deactivate the vehicle's Ignition.

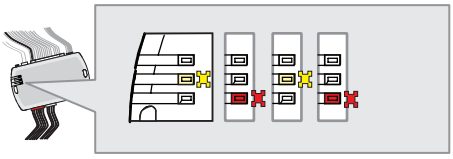


↳ *The Yellow Led will turn OFF.*

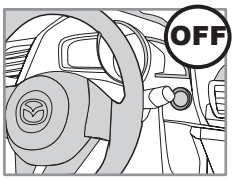
13



The vehicle's ignition will turn ON

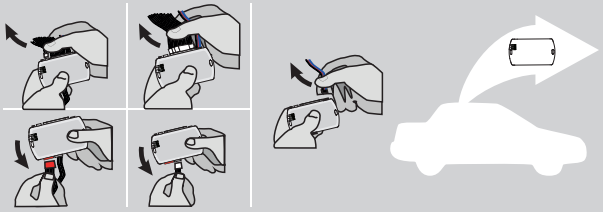


↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

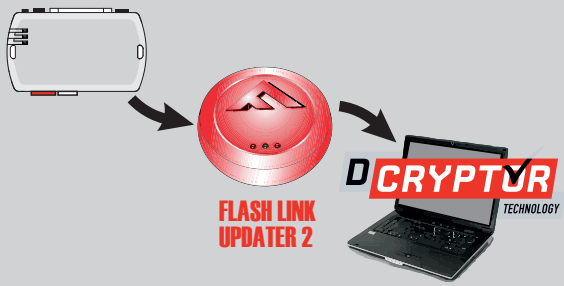
14



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

KEY BYPASS PROGRAMMING PROCEDURE 4/5 |

15



Connect the module to the FLASH LINK UPDATER 2 and **visit** the DCryptor menu in the Flash-Link Manager.

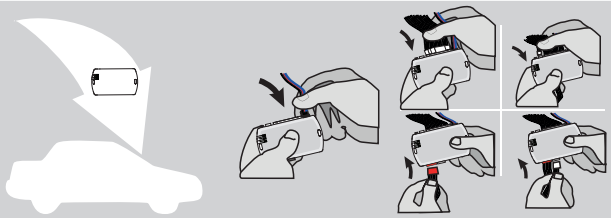
Parts required (not included)

FLASH LINK UPDATER 2

FLASH LINK MANAGER
SOFTWARE | PROGRAMME

Microsoft Windows Computer with Internet connection

16



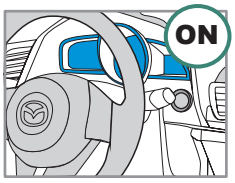
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

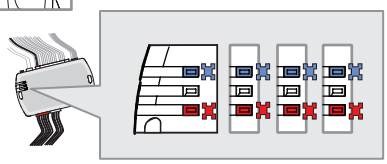
1 - 12

Repeat step 1 to 12.

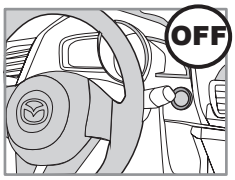
18



The vehicle's ignition will turn ON

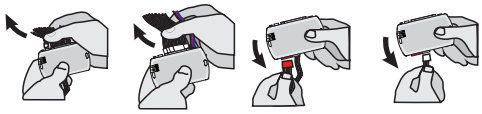


↳ *The Blue and Red LEDs will flash.*



The vehicle's Ignition will turn OFF.

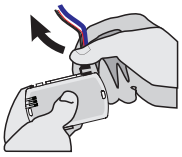
19



Disconnect all Harness

20

et ensuite:



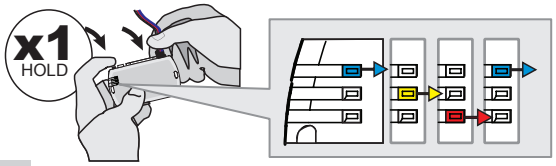
Disconnect the 4-PIN Data-link harness (Black connector).

KEY BYPASS PROGRAMMING PROCEDURE 5/5 |

CAN PROGRAMMING PROCEDURE

21

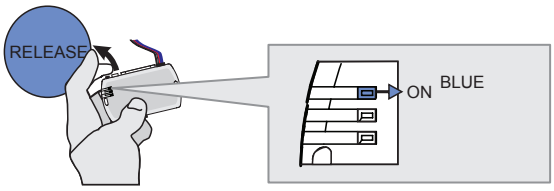
CAUTION FOR: EVO-ALARM OPTION
If the module GREEN (A4) wire is connected to the HORN make sure that the option G1 (EVO-ALARM) is enabled before CAN programming.



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

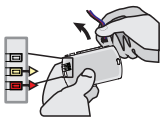
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

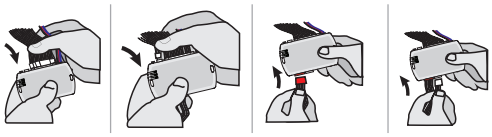


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

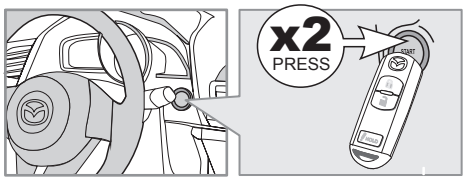


23

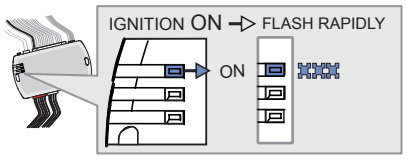


Connect the required remaining harnesses.

24

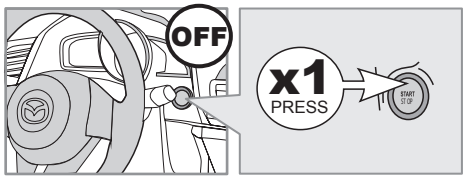


Press the START/STOP button twice to activate the vehicle's Ignition.

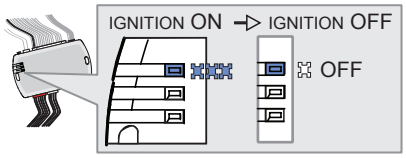


↳ *The Blue LED will flash rapidly.*

25



Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

The module is now programmed.

REMOTE STARTER FUNCTIONALITY |

All doors must be closed.

Do not remote-start with the OEM remote inside the vehicle.

Never remote-start with a passenger inside the vehicle.

Remote start the vehicle.

The module will shut down the vehicle as soon as a door is opened.

STAND ALONE THAR-MAZ1 THARNESS INSTALLATION - 2 KEYS PROGRAMMING

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

VEHICLE	YEARS	Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
		Vehicle functions supported in this diagram (functional if equipped)												
MAZDA														
6 *Push-to-Start - Automatic transmission only*	2014-2020	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

85.[11]

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

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

Parts required (Not included)

1X 10 AMP 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

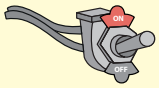
OR

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

MANDATORY | OBLIGATOIRE

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
OEM Remote Stand Alone Remote Starter:

UNIT OPTION	DESCRIPTION
OR **D1.10** LOCK LOCK LOCK	**By default**, LOCK, LOCK, LOCK **Par défaut,** VERROUILLE,VERROUILLE,VERROUILLE
D1.1 LOCK UNLOCK LOCK	

Program bypass option with oem remote:

UNIT OPTION	DESCRIPTION
C1	OEM Remote Monitoring

Program bypass option with RF KIT antenna:

UNIT OPTION	DESCRIPTION
H1 to H6	Supported RF Kits and **select RF Kit**

REMOTE STARTER FUNCTIONALITY

All doors must be closed.

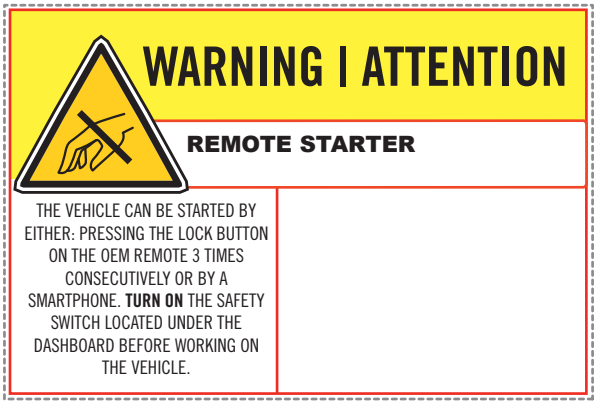
Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.

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
PARKING LIGHTS	
x4 flash:	FOB in car
	Hood open
	Brake ON
	Door open
x8 flash:	Bad Encryption/ key code

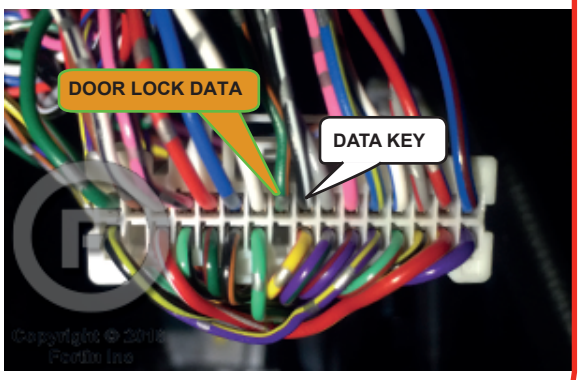
REMOTE STARTER WARNING CARD

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

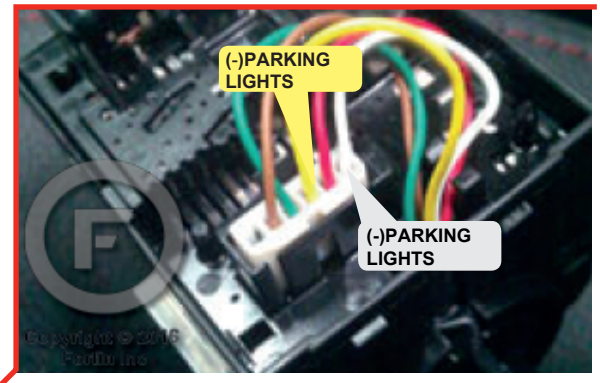


DESCRIPTION

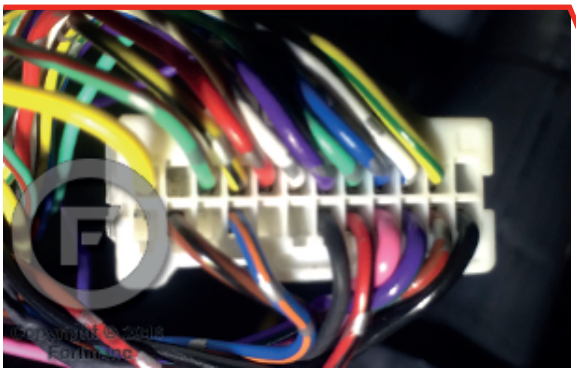
① Under steering column, START-STOP unit



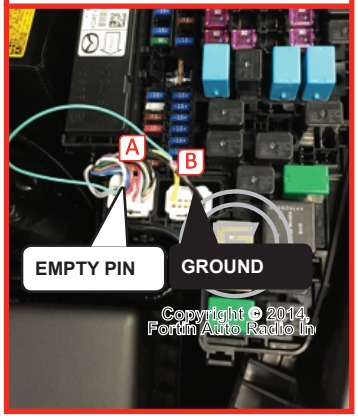
③ At parking lights switch



② Under steering column, START-STOP unit



④ Engine compartment
- without OEM ALARM

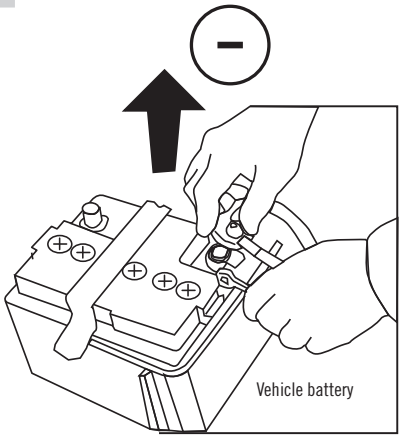


ATTENTION

Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect the negative terminal from the vehicle's battery.

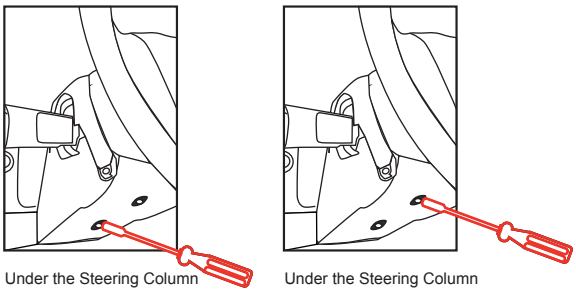
In these vehicles, the factory keyless entry module is sensitive to interference and may cease to operate if some precautions are not taken. Disconnect the (-) terminal of the battery prior to disconnecting the connectors at the smartkey module below the steering wheel to avoid damage to the smartkey entry module.

1



Disconnect the (-) terminal of the battery.

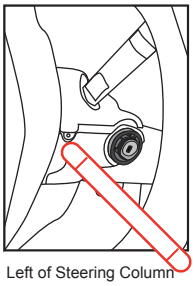
2


Under the Steering Column

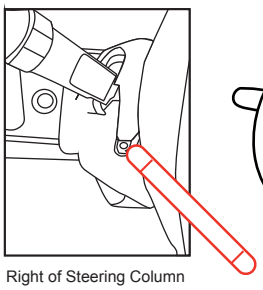
1 Unscrew.

Under the Steering Column

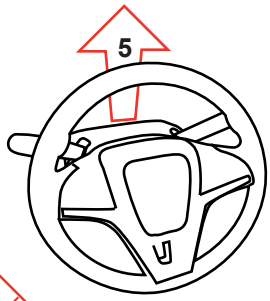
2 Unscrew


Left of Steering Column

3 Onclip


Right of Steering Column

4 Onclip



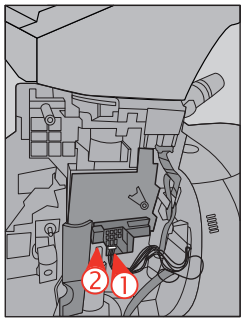
5 Gently pull up the cover of the steering column.

3

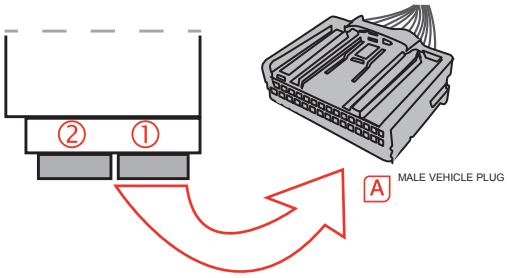
Make the following connections.

CONTINUED NEXT PAGE

4



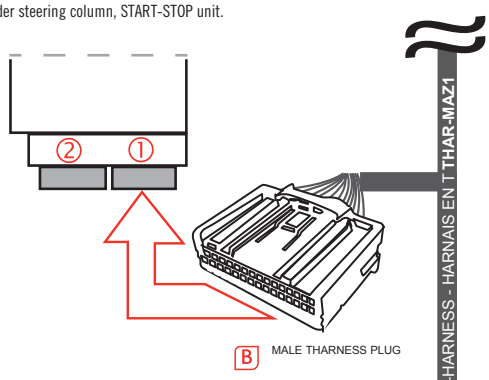
Under steering column, START-STOP unit.



Disconnect the connector
A

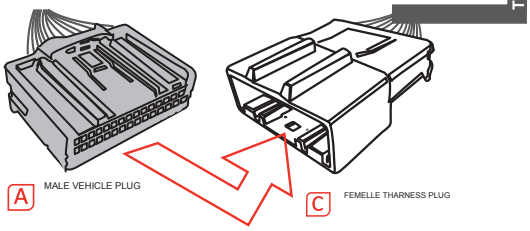
5

Under steering column, START-STOP unit.



Connect the connector
B

6



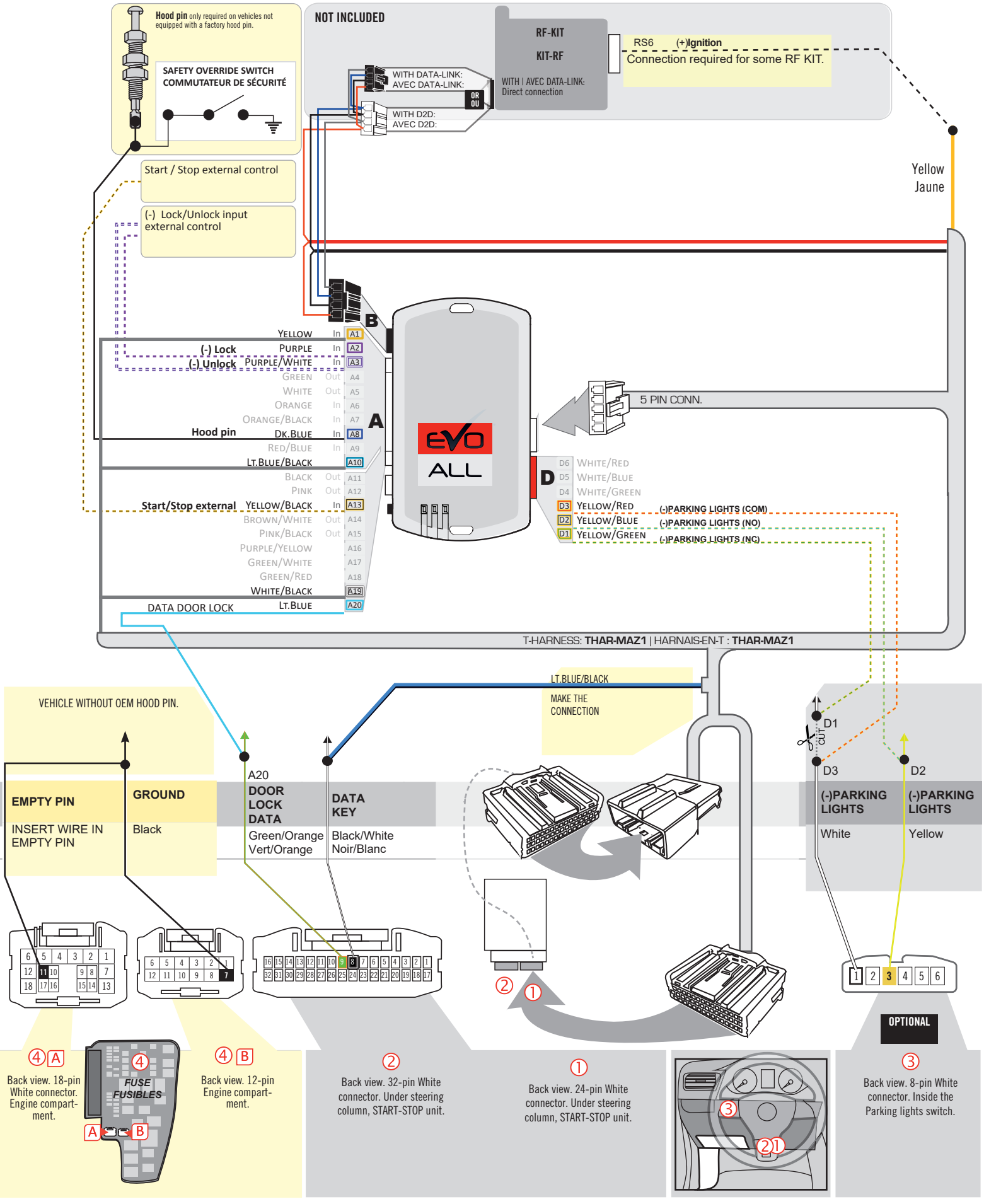
Connect the connector
A
into connector
C

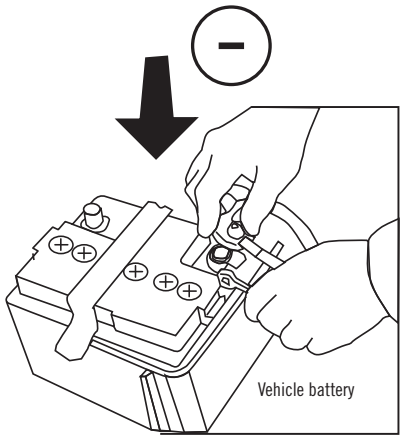
7

Make other required connections.

CONTINUED NEXT PAGE

AUTOMATIC TRANSMISSION WIRING CONNECTION





Reconnect the (-) terminal of the battery.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 1/6

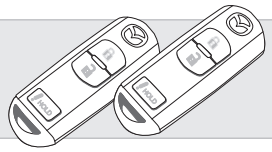
x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

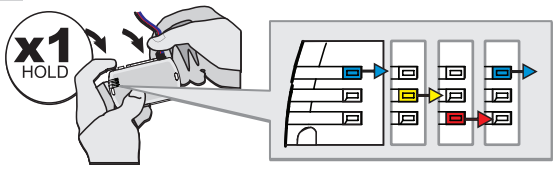
- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



Make sure to have two valide vehicle key.

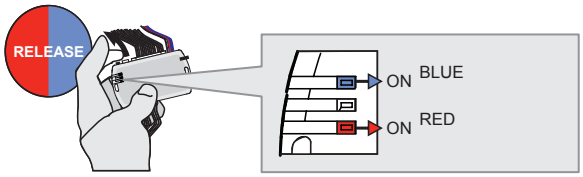
1



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

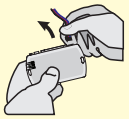
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

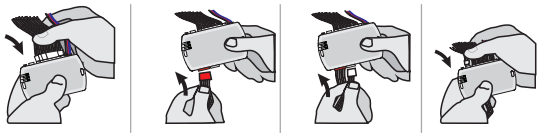


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector) and go back to step1.

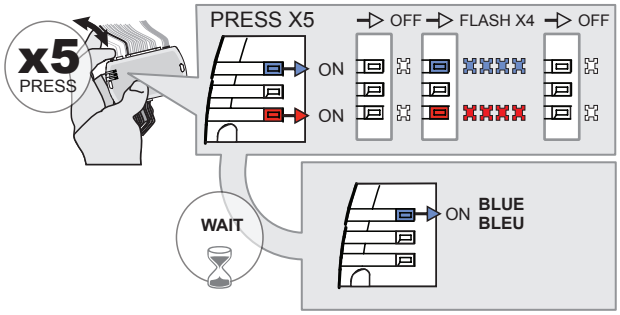


3



Connect the required remaining harnesses.

4



Press and release the programming button five times (5x).

↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

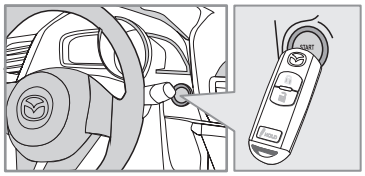
↳ ***Wait** for the Blue LED to turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 2/5

KEY#1

5



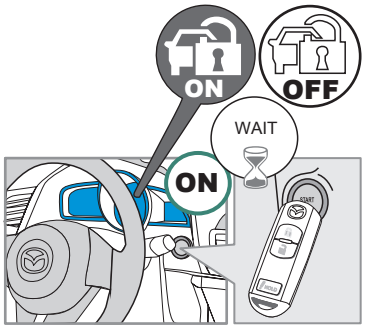
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

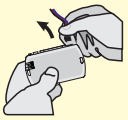
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



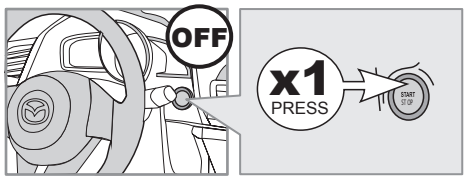
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



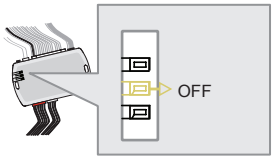
Wait for the security indicator to turn OFF (around 3 seconds).

IMMEDIATELY

8



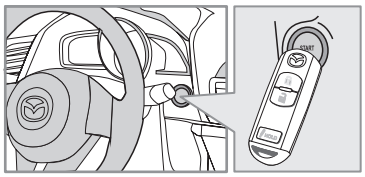
Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Yellow Led will turn OFF.*

KEY#2

9



Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

Press the START/STOP button twice to activate the vehicle's Ignition.

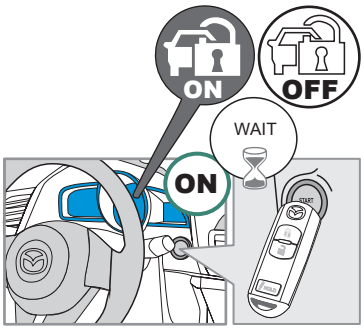
↳ *The Yellow LED will turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 3/6

KEY#2

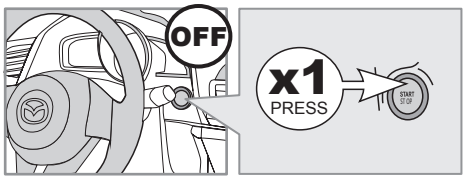
11



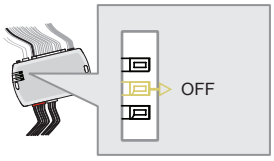
Wait for the security indicator to turn OFF (around 3 seconds).

12

IMMEDIATELY

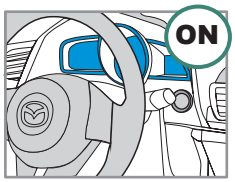


Press the START/STOP button once to deactivate the vehicle's Ignition.

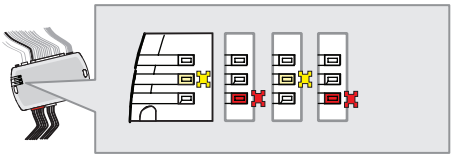


↳ *The Yellow Led will turn OFF.*

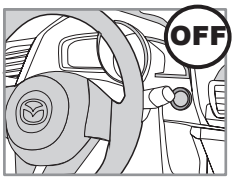
13



The vehicle's ignition will turn ON

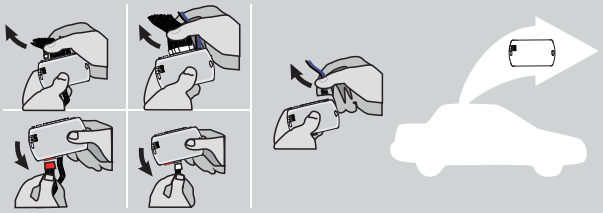


↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

14

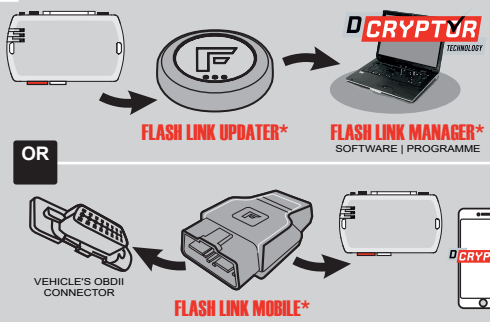


Disconnect all the connectors and after the Data-Link (4-pins) connector.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 4/6

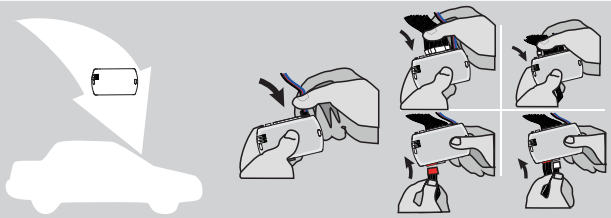
15



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

*Parts required (not included)

16



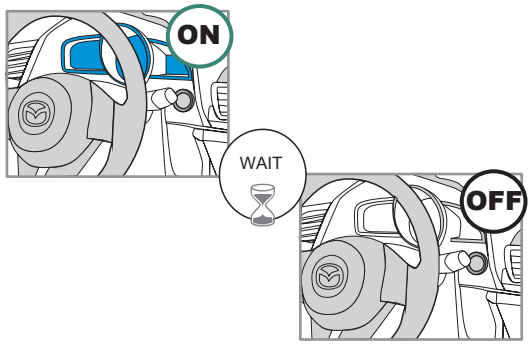
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

1 - 12

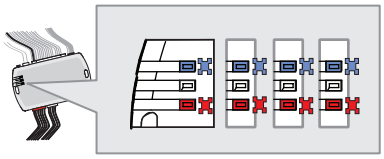
Repeat step 1 to 12.

18



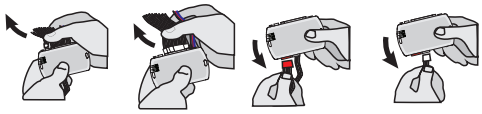
The vehicle's ignition will turn ON

The vehicle's Ignition will turn OFF.



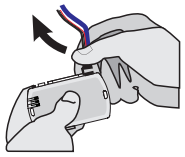
↳ *The Blue and Red LEDs will flash.*

19



Disconnect all Harness

20



Next:

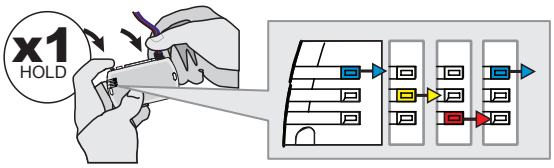
Disconnect the 4-PIN Data-link harness (Black connector).

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 5/6

CAN PROGRAMMING PROCEDURE

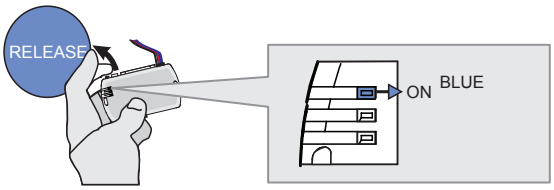
21



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

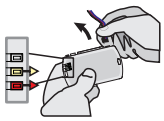
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

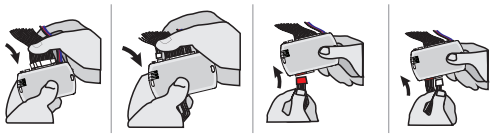


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

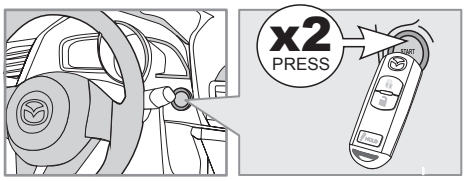


23

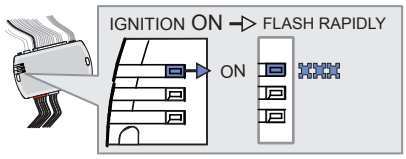


Connect the required remaining harnesses.

24

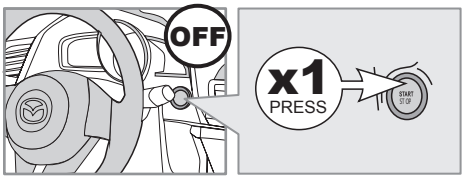


Press the START/STOP button twice to turn ON the vehicle's Ignition.

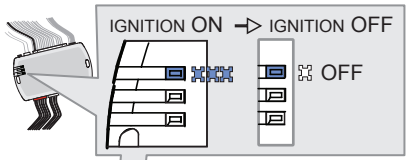


↳ *The Blue LED will flash rapidly.*

25



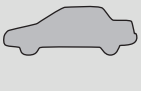
Press the START/STOP button once to turn OFF the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

The module is now programmed.

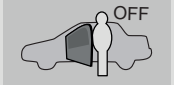
REMOTE STARTER FUNCTIONALITY |



All doors must be closed.

Remote start the vehicle.

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



The module will shut down the vehicle as soon as the drivers door is opened.

Enter the vehicle with the Smart-Key.

Press the brake pedal or the clutch for the manual transmission.

Press the Push-to-Start button to start the vehicle.

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

THAR-MAZ1

THARNESS STAND ALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

			Connection #		Vehicle functions supported in this diagram (functional if equipped)													
VEHICLE		YEARS	REMOTE STARTER NO DOORLOCK	REMOTE STARTER & DOOR-LOCK CONTROL	Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	Alarm mode
MAZDA																		
CX9	*Push-to-Start - Automatic transmission*	2016	1	2	•	•	•	•	•	•	•	•	•	•	•	•	•	

HARDWARE VERSION

MINIMUM **6**

FIRMWARE VERSION

71.[35]

FORD MINIMUM

Parts required (Not included)

1X 1K Ohm Resistor (with doorlock)

FLASH LINK MANAGER
Software version 3.54 and more

FLASH LINK UPDATER 2

1X Microsoft Windows Computer & Internet connection

DCRYPTOR TECHNOLOGY

PARTS REQUIRED (NOT INCLUDED)

FLASH LINK UPDATER 2

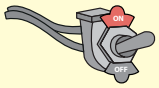
FLASH LINK MANAGER
SOFTWARE | PROGRAMME

Microsoft Windows Computer
(Internet connection required)

MANDATORY

HOOD PIN

REMOTE START SAFETY OVERRIDE SWITCH



VALET SWITCH

Part #: RSPB availbale, 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
D1	OEM Remote Stand Alone Remote Starter

Program bypass option with oem remote:

UNIT OPTION	DESCRIPTION
C1	OEM Remote Monitoring

Program bypass option with RF KIT antenna:

UNIT OPTION	DESCRIPTION
H1 to H6	Supported RF Kits and **select RF Kit**

REMOTE STARTER FUNCTIONNALITY

All doors must be closed.

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

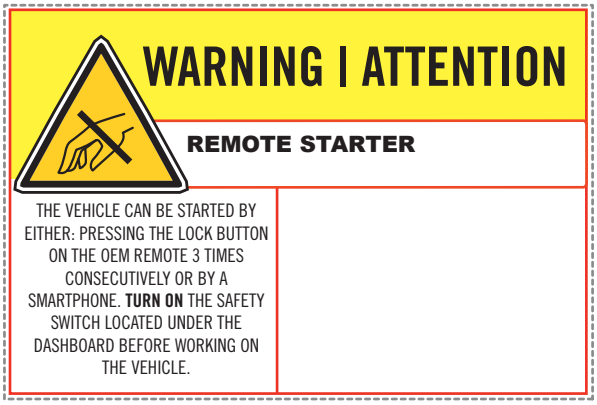
The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED

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

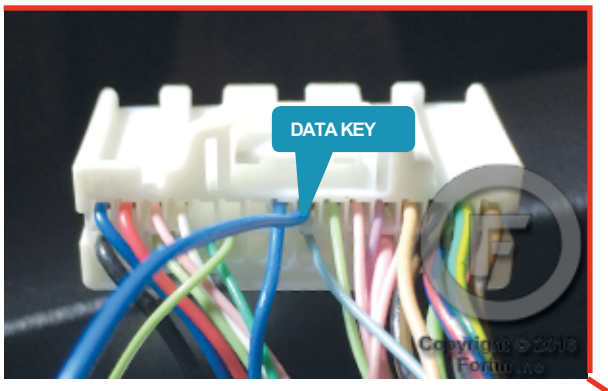
REMOTE STARTER WARNING CARD

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

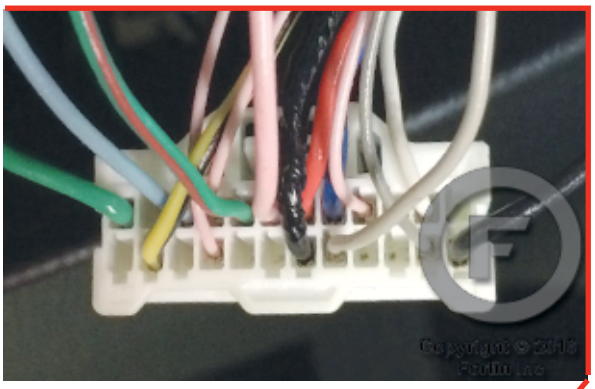


DESCRIPTION

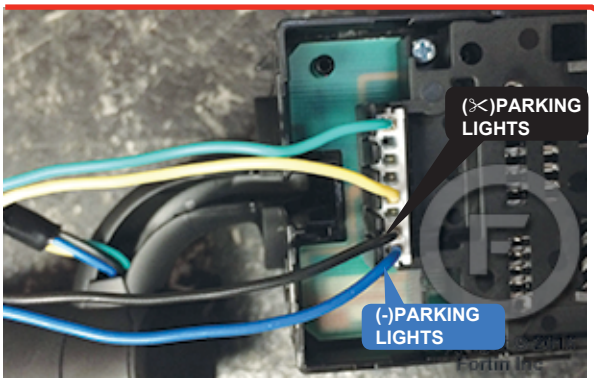
① Under steering column, START-STOP unit

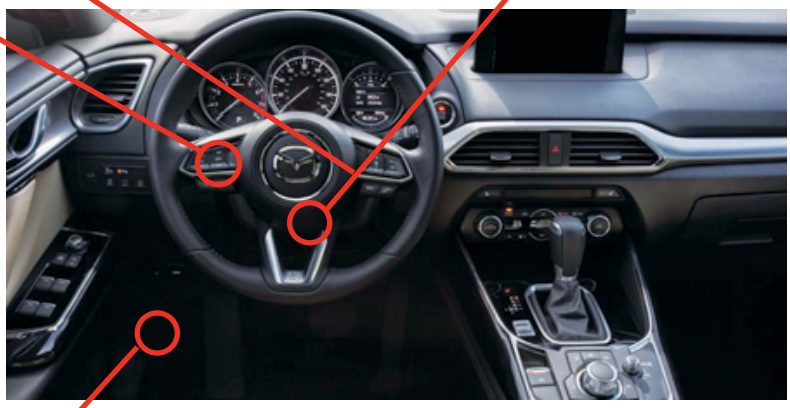


② Under steering column, START-STOP unit

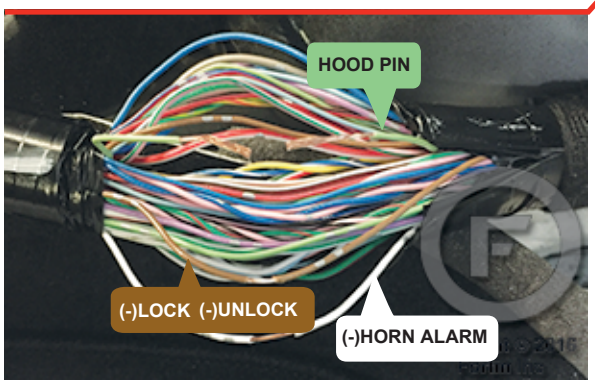


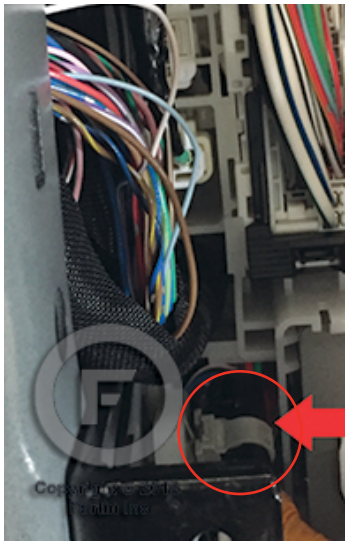
③ At parking lights switch





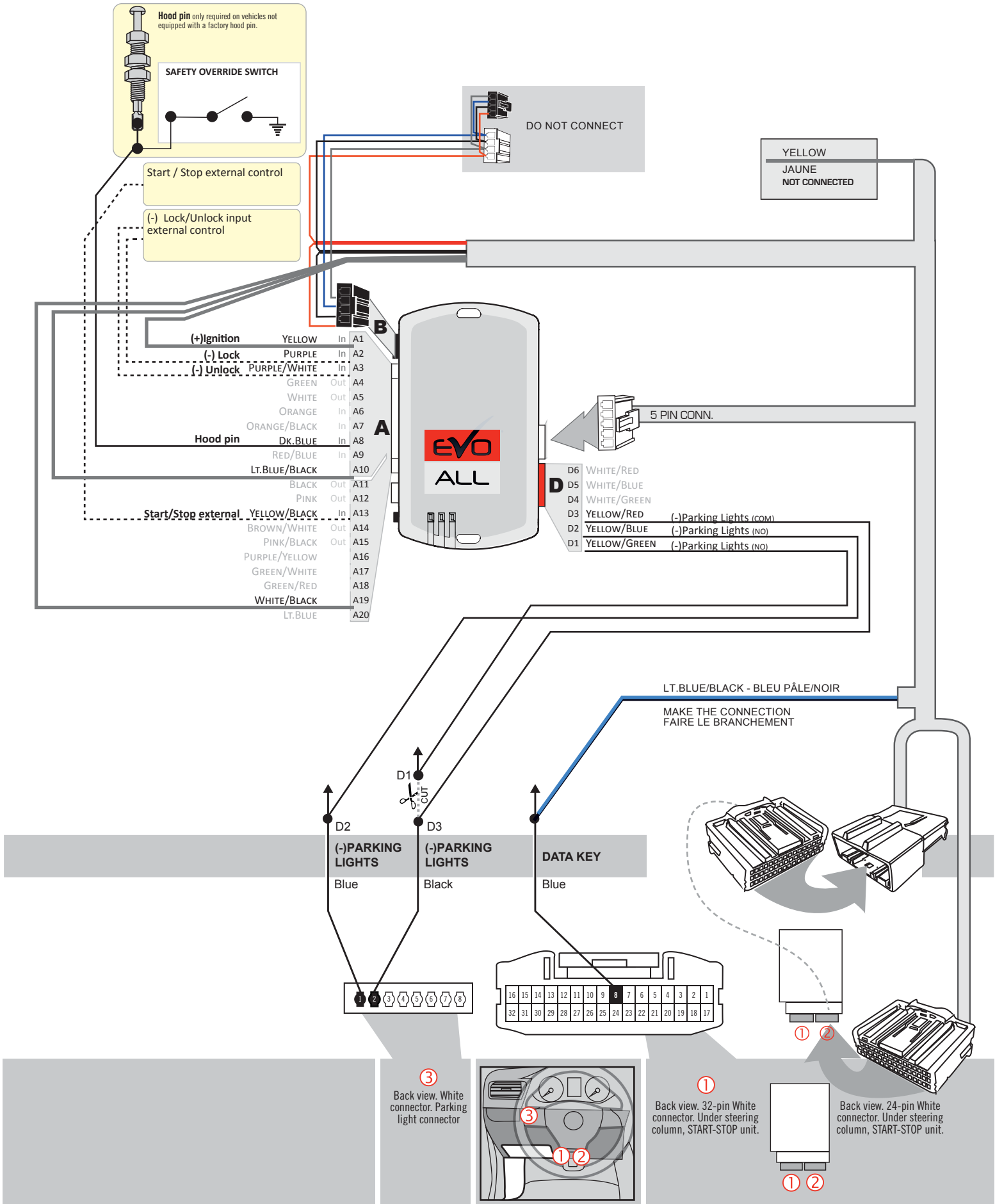
④ Harness in driver kick panel





CONNECTION 1

REMOTE CAR STARTER ONLY - DOORLOCK BY OEM REMOTE



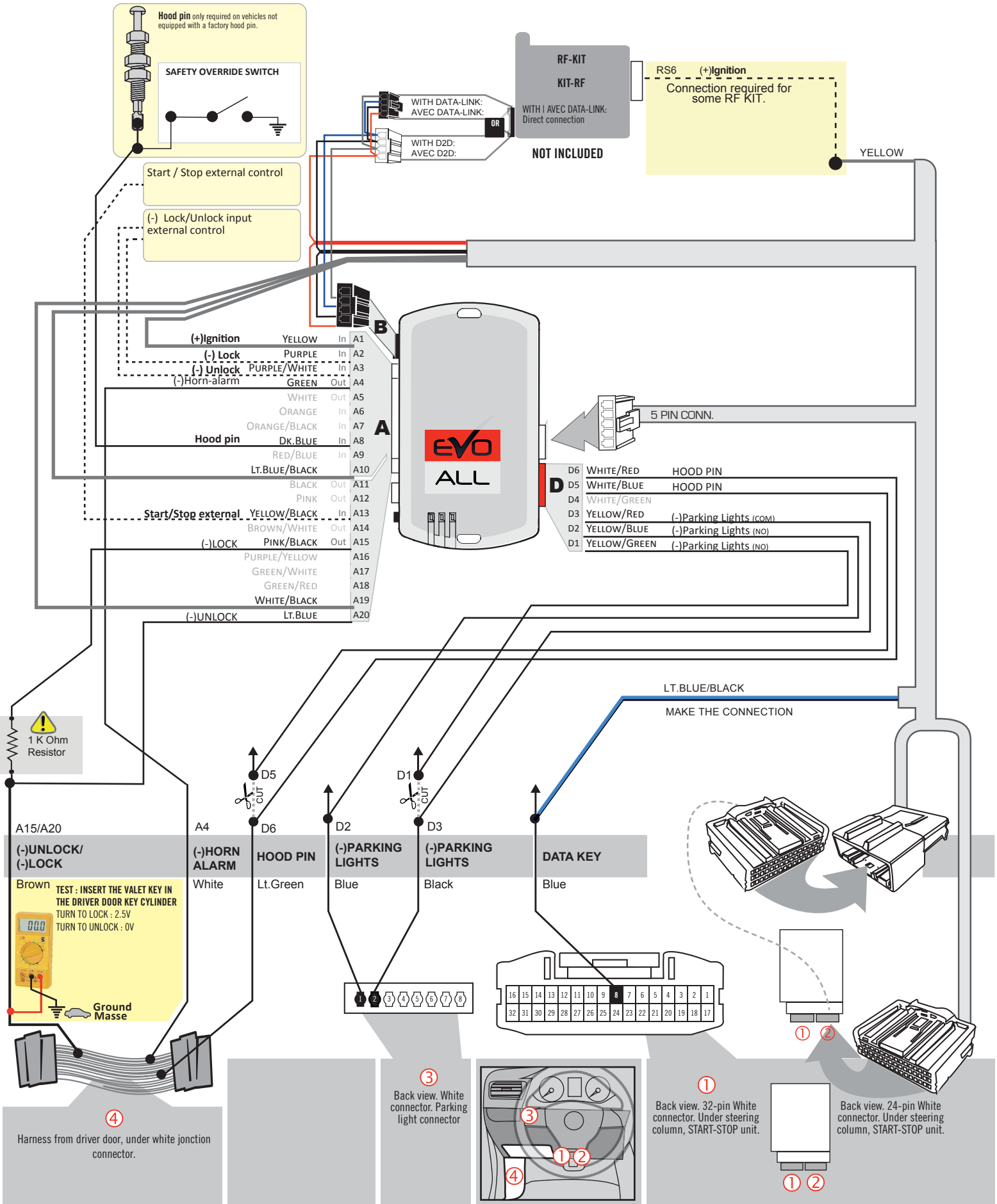
CONNECTION 2

REMOTE CAR STARTER AND DOORLOCK

Program bypass option:	UNIT OPTION	DESCRIPTION
	C1	OEM Remote status (Lock/Unlock) monitoring
	G1	Evo Alarm enable

CONNECTION 2

REMOTE CAR STARTER AND DOORLOCK



KEY BYPASS PROGRAMMING PROCEDURE 1/5

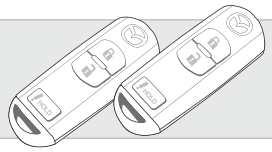
x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

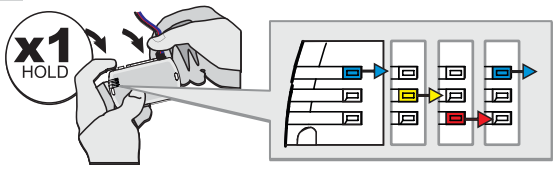
- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



Make sure to have two valide vehicle key.

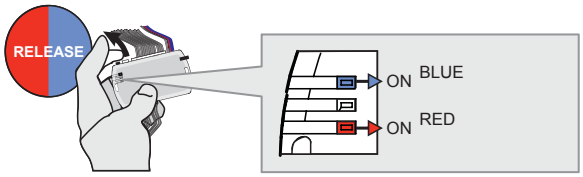
1



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

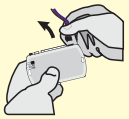
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

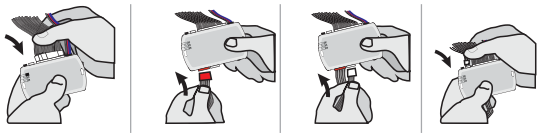


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector) and go back to step1.

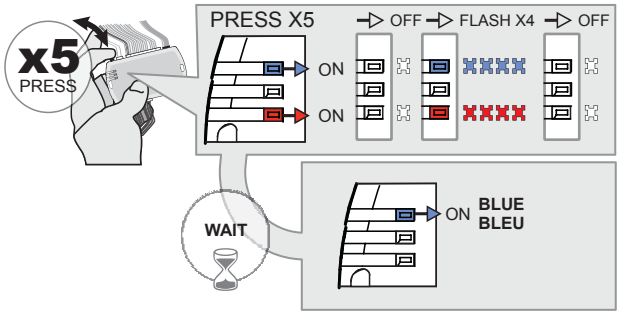


3



Connect the required remaining harnesses.

4



Press and release the programming button five times (5x).

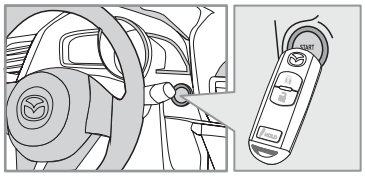
↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

↳ ***Wait** for the Blue LED to turn ON.*

CONTINUED NEXT PAGE

KEY#1

5



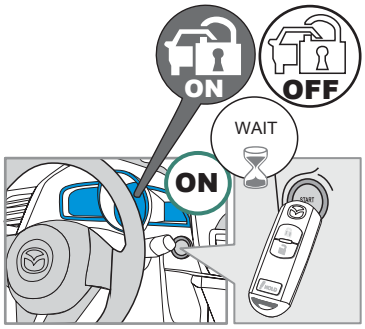
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

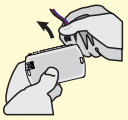
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



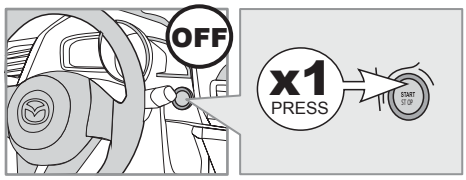
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



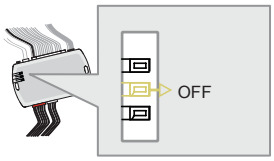
Wait for the security indicator to turn OFF (around 3 seconds).

8

IMMEDIATELY



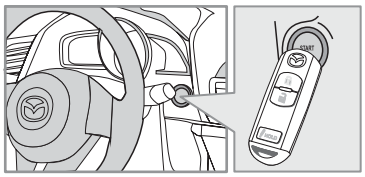
Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Yellow Led will turn OFF.*

KEY#2

9



Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

Press the START/STOP button twice to activate the vehicle's Ignition.

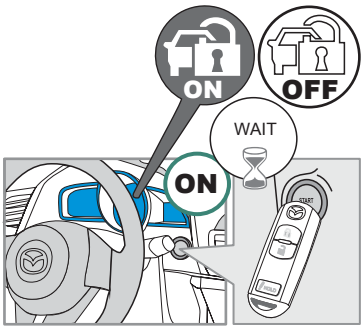
↳ *The Yellow LED will turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 3/5

KEY#2

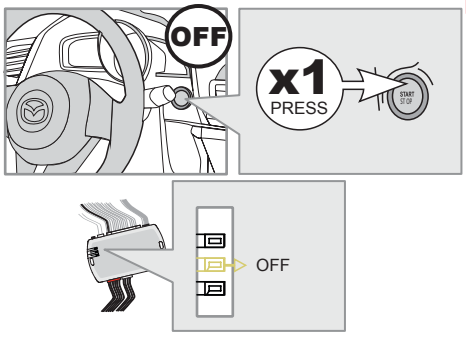
11



Wait for the security indicator to turn OFF (around 3 seconds).

12

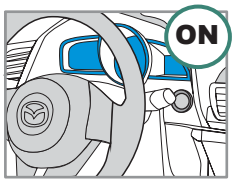
IMMEDIATELY



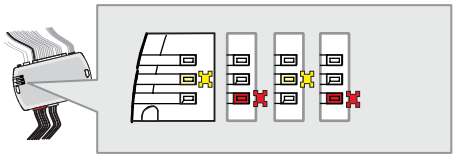
Press the START/STOP button once to deactivate the vehicle's Ignition.

↳ *The Yellow Led will turn OFF.*

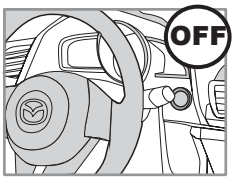
13



The vehicle's ignition will turn ON

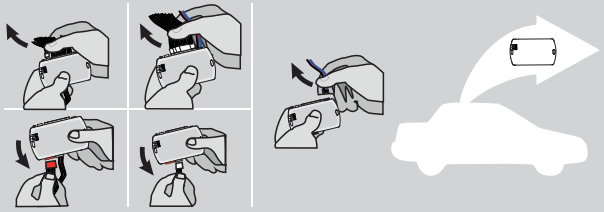


↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

14

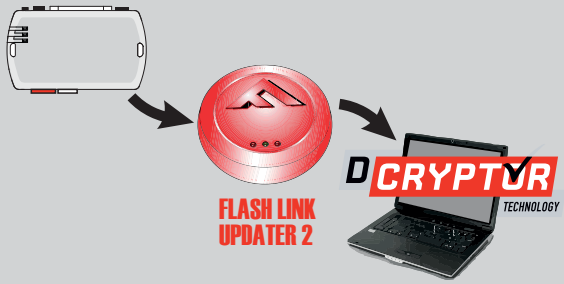


Disconnect all the connectors and after the Data-Link (4-pins) connector.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 4/5

15



Connect the module to the FLASH LINK UPDATER 2 and **visit** the DCryptor menu in the Flash-Link Manager.

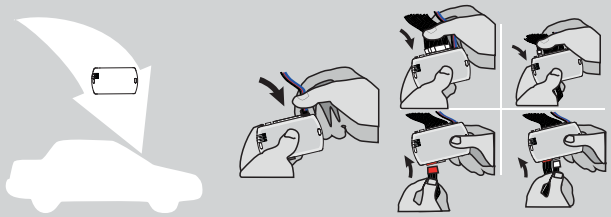
Parts required (not included)

FLASH LINK UPDATER 2

FLASH LINK MANAGER
SOFTWARE | PROGRAMME

Microsoft Windows Computer with Internet connection

16



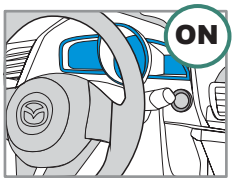
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

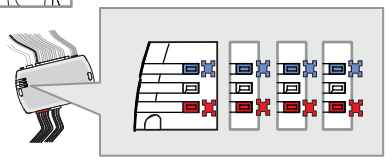
1 - 12

Repeat step 1 to 12.

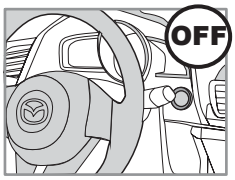
18



The vehicle's ignition will turn ON

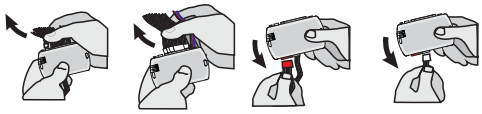


↳ *The Blue and Red LEDs will flash.*



The vehicle's Ignition will turn OFF.

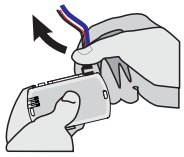
19



Disconnect all Harness

20

et ensuite:



Disconnect the 4-PIN Data-link harness (Black connector).

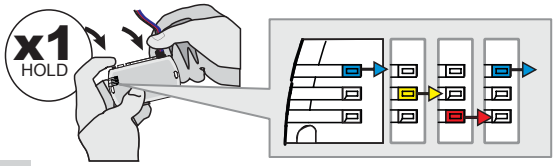
CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 5/5

CAN PROGRAMMING PROCEDURE

21

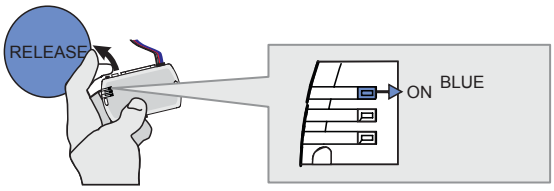
CAUTION FOR: EVO-ALARM OPTION
If the module GREEN (A4) wire is connected to the HORN make sure that the option G1 (EVO-ALARM) is enabled before CAN programming.



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

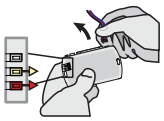
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

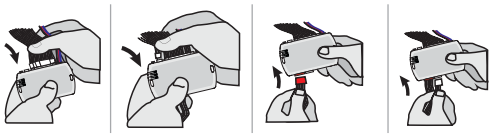


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

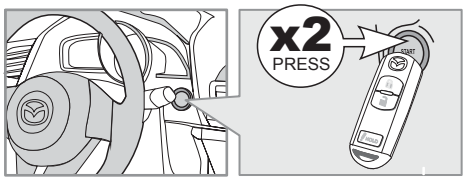


23

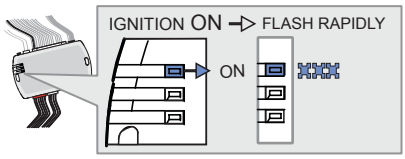


Connect the required remaining harnesses.

24

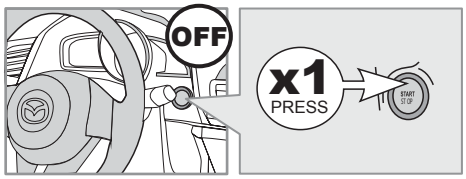


Press the START/STOP button twice to activate the vehicle's Ignition.

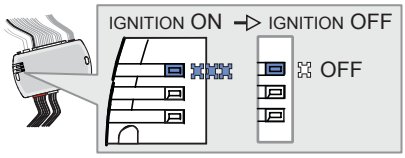


↳ *The Blue LED will flash rapidly.*

25



Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

The module is now programmed.

REMOTE STARTER FUNCTIONALITY

All doors must be closed.

Do not remote-start with the OEM remote inside the vehicle.

Never remote-start with a passenger inside the vehicle.

Remote start the vehicle.

The module will shut down the vehicle as soon as a door is opened.

STAND ALONE THAR-MAZ1 THARNESS INSTALLATION - 2 KEYS PROGRAMMING

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	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
MAZDA														
CX9 *Push-to-Start - Automatic transmission*	2016-2021	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION

85.[11]

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

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

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

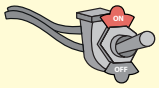
OR

1x **FLASH LINK MOBILE**
1x **FLASH LINK MOBILE APP**
1x 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
OEM Remote Stand Alone Remote Starter:

UNIT OPTION	DESCRIPTION
OR **D1.10** LOCK LOCK LOCK	**By default**, LOCK, LOCK, LOCK **Par défaut,** VERROUILLE,VERROUILLE,VERROUILLE
D1.1 LOCK UNLOCK LOCK	

Program bypass option with oem remote:

UNIT OPTION	DESCRIPTION
C1	OEM Remote Monitoring

Program bypass option with RF KIT antenna:

UNIT OPTION	DESCRIPTION
H1 to H6	Supported RF Kits and **select RF Kit**

REMOTE STARTER FUNCTIONALITY

All doors must be closed.

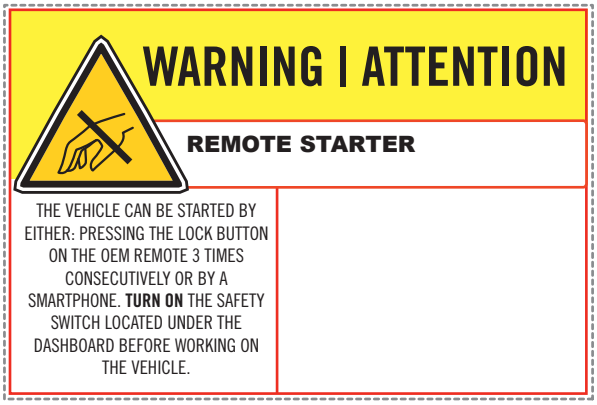
Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.

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
PARKING LIGHTS	
x4 flash:	FOB in car
x5 flash:	Hood open
x6 flash:	Brake ON
x7 flash:	Door open
x8 flash:	Bad Encryption/ key code

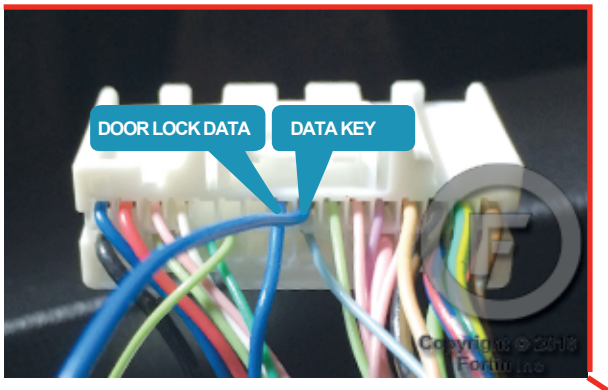
REMOTE STARTER WARNING CARD

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

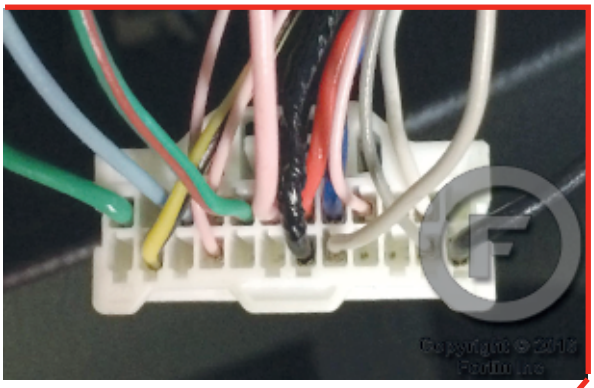


DESCRIPTION

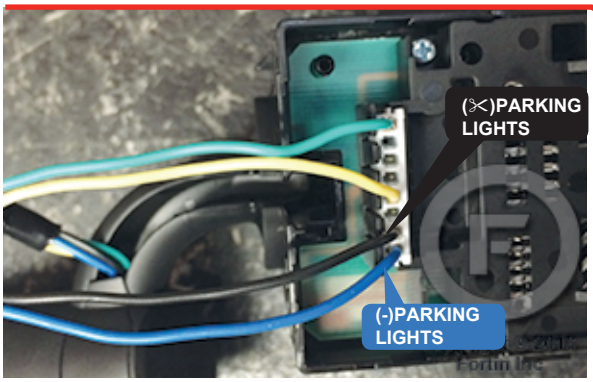
① Under steering column, START-STOP unit

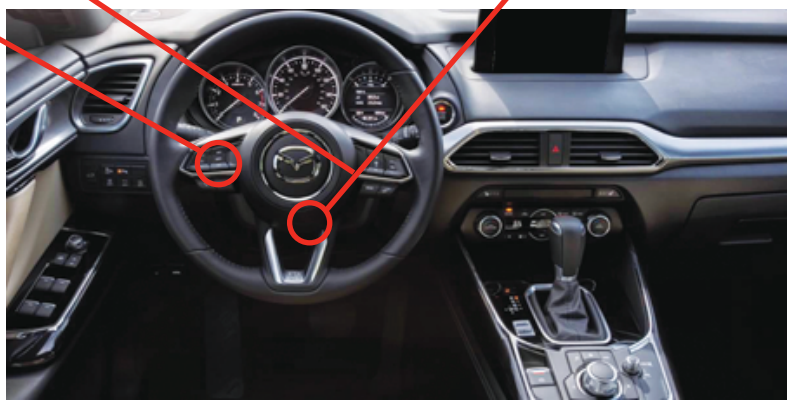


② Under steering column, START-STOP unit

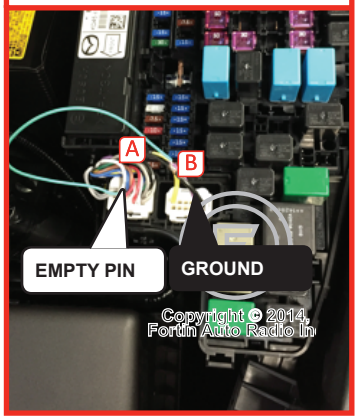


③ At parking lights switch





④ Engine compartment
- without OEM ALARM

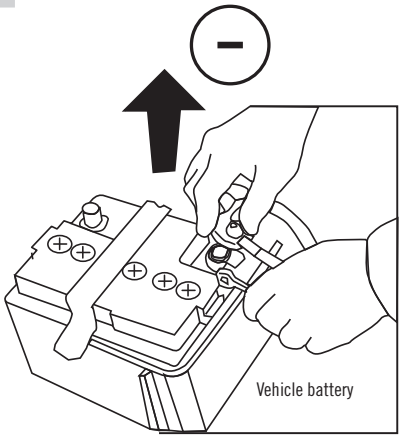


ATTENTION

Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect the negative terminal from the vehicle's battery.

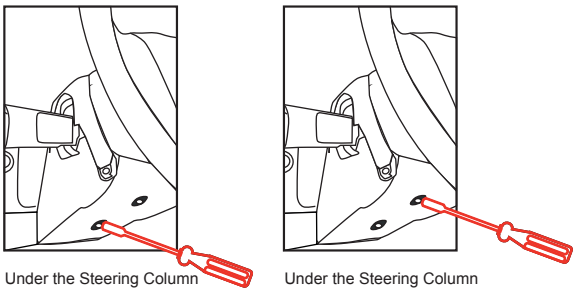
In these vehicles, the factory keyless entry module is sensitive to interference and may cease to operate if some precautions are not taken. Disconnect the (-) terminal of the battery prior to disconnecting the connectors at the smartkey module below the steering wheel to avoid damage to the smartkey entry module.

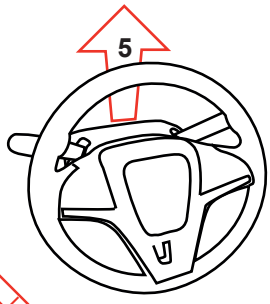
1



Disconnect the (-) terminal of the battery.

2





1 Unscrew.

2 Unscrew

3 Onclip

4 Onclip

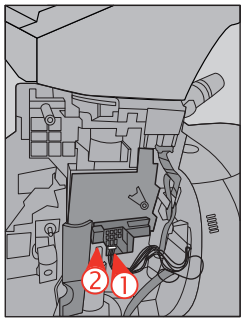
5 Gently pull up the cover of the steering column.

3

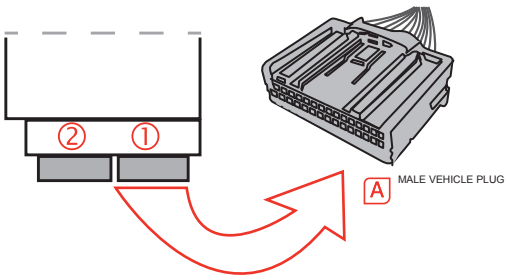
Make the following connections.

CONTINUED NEXT PAGE

4



Under steering column, START-STOP unit.

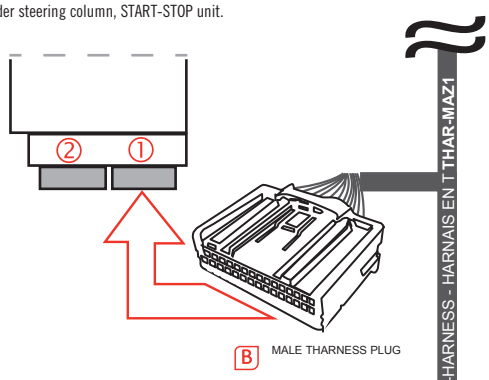


Disconnect the connector

A

5

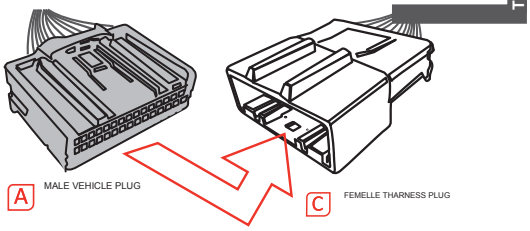
Under steering column, START-STOP unit.



Connect the connector

B

6



Connect the connector

A

into connector

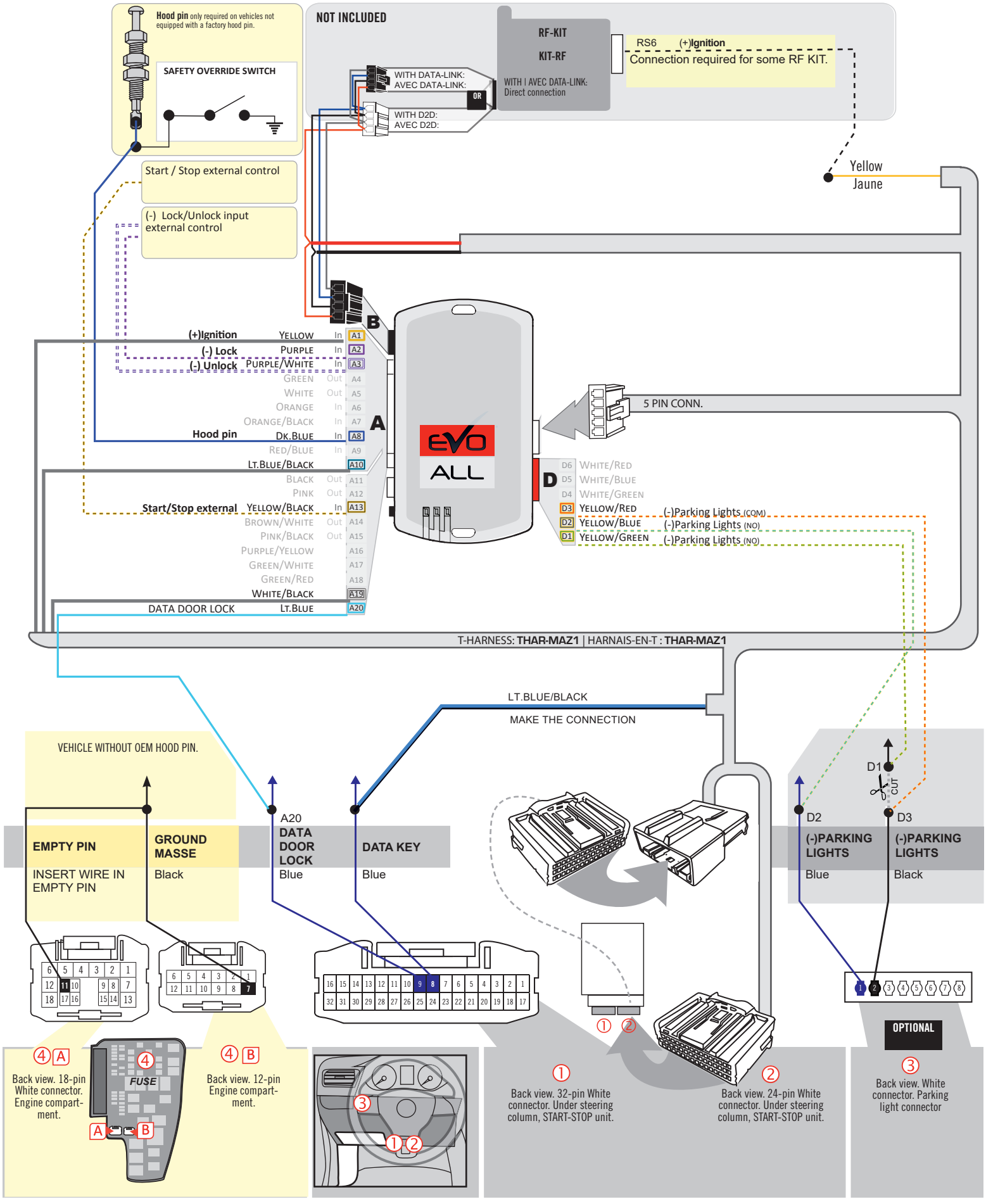
C

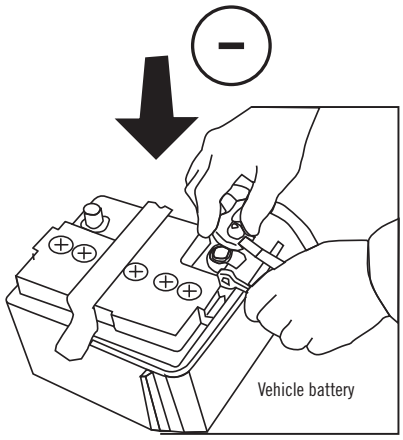
7

Make other required connections.

CONTINUED NEXT PAGE |

AUTOMATIC TRANSMISSION WIRING CONNECTION





Reconnect the (-) terminal of the battery.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 1/6

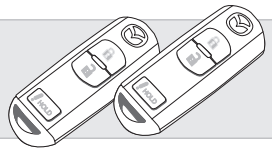
x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle.
If all programming steps were successful and the vehicle cannot be remote started :

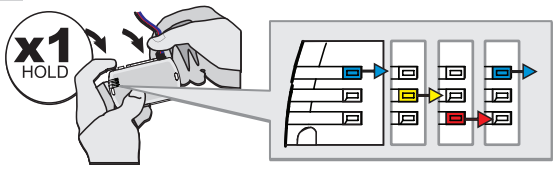
- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



Make sure to have two valide vehicle key.

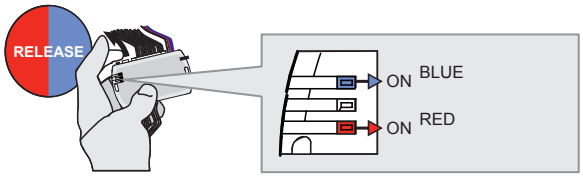
1



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

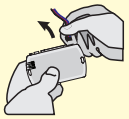
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

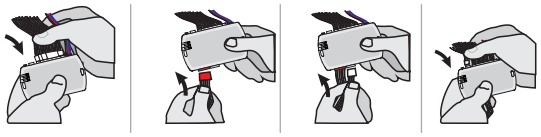


Release the programming button when the Blue & Red LEDs are ON.

If the LED are not solid BLUE and RED disconnect the 4-PIN Data-link harness (Black connector) and go back to step1.

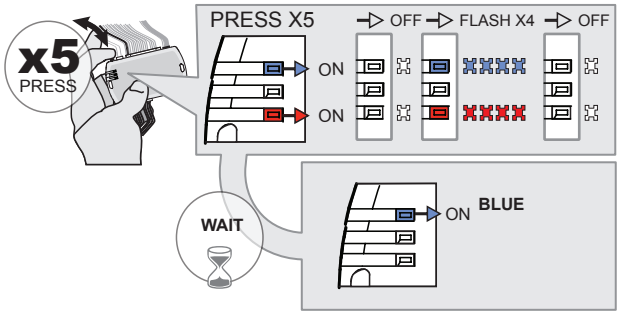


3



Connect the required remaining harnesses.

4



Press and release the programming button five times (5x).

↳ *The Red & Blue LEDs will alternate between 4 flashes and a pause.*

↳ *Les DELs Bleue et Rouge alterneront entre 4 clignotements et 1 pause.*

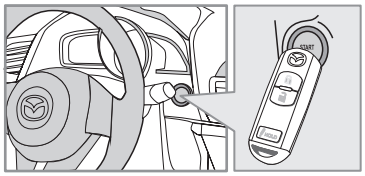
↳ ***Wait** for the Blue LED to turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 2/5

KEY#1

5



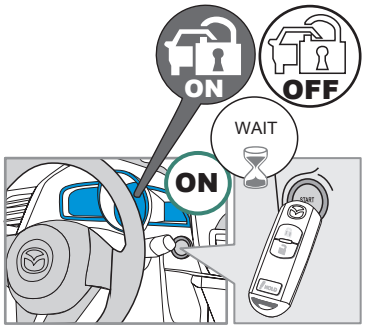
Place the 1st OEM remote close to the front of the START/STOP button exactly as shown.

6

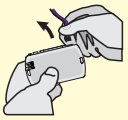
Press the START/STOP button twice to activate the vehicle's Ignition.

↳ *The Yellow LED will turn ON.*

7



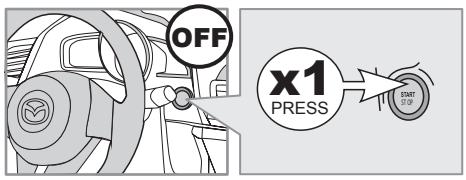
If the Blue LED is ON solid disconnect the 4-PIN Data-link harness (Black connector) and go back to step 1.



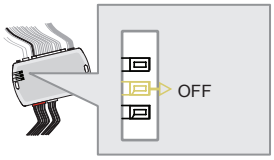
Wait for the security indicator to turn OFF (around 3 seconds).

IMMEDIATELY

8



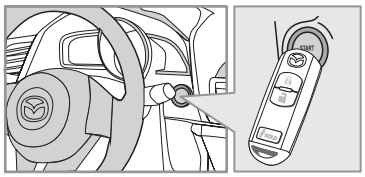
Press the START/STOP button once to deactivate the vehicle's Ignition.



↳ *The Yellow Led will turn OFF.*

KEY#2

9



Place the 2nd OEM remote close to the front of the START/STOP button exactly as shown.

10

Press the START/STOP button twice to activate the vehicle's Ignition.

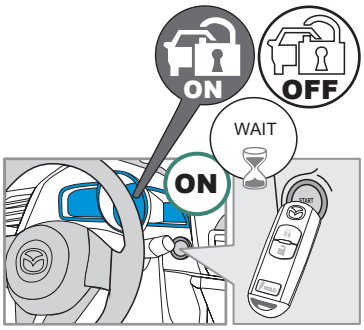
↳ *The Yellow LED will turn ON.*

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 3/6

KEY#2

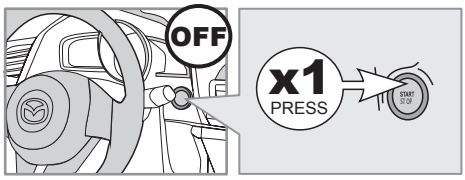
11



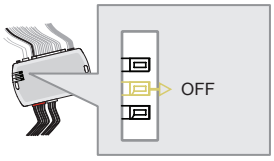
Wait for the security indicator to turn OFF (around 3 seconds).

12

IMMEDIATELY

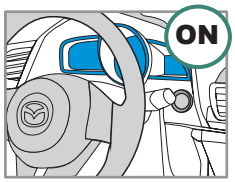


Press the START/STOP button once to deactivate the vehicle's Ignition.

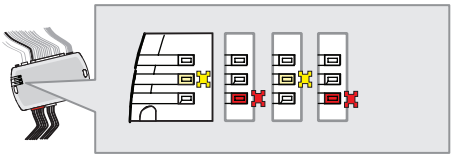


↳ *The Yellow Led will turn OFF.*

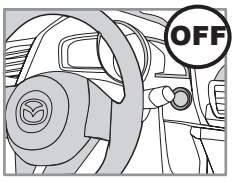
13



The vehicle's ignition will turn ON

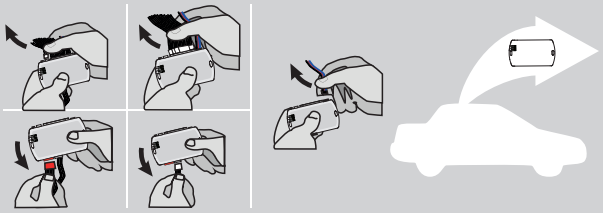


↳ *The Yellow and Red LED's will alternatively illuminate.*



The vehicle's Ignition will turn OFF.

14

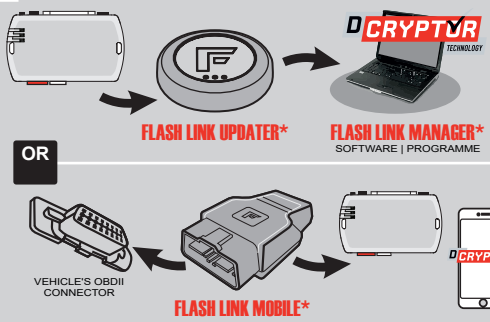


Disconnect all the connectors and after the Data-Link (4-pins) connector.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 4/6

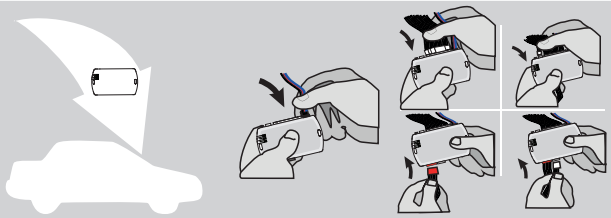
15



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

*Parts required (not included)

16



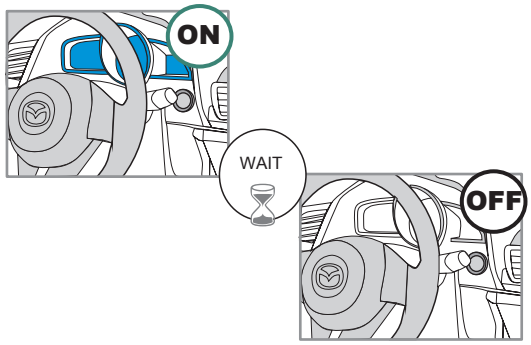
AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

17

1 - 12

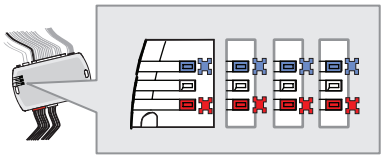
Repeat step 1 to 12.

18



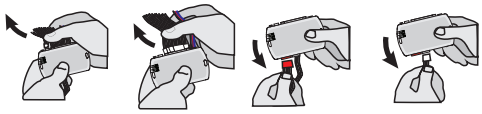
The vehicle's ignition will turn ON

The vehicle's Ignition will turn OFF.



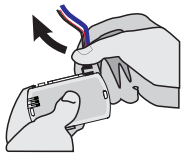
↳ *The Blue and Red LEDs will flash.*

19



Disconnect all Harness

20



Next:

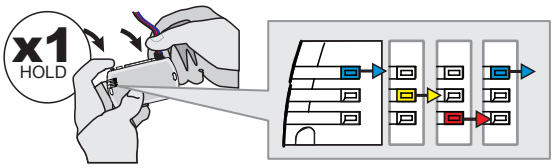
Disconnect the 4-PIN Data-link harness (Black connector).

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 5/6

CAN PROGRAMMING PROCEDURE

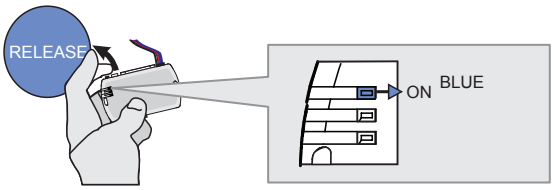
21



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

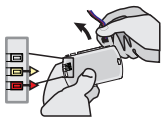
↳ *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

22

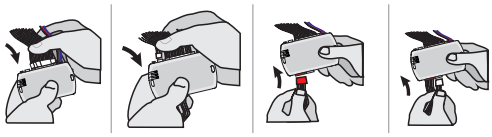


Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

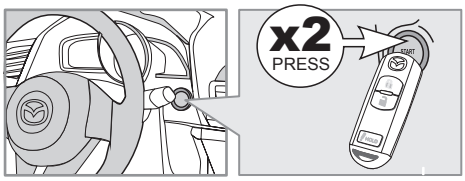


23

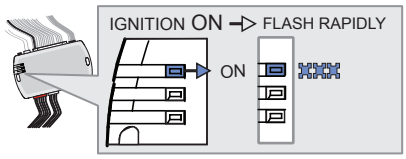


Connect the required remaining harnesses.

24

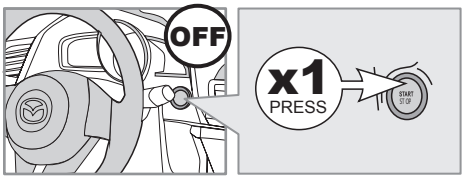


Press the START/STOP button twice to turn ON the vehicle's Ignition.

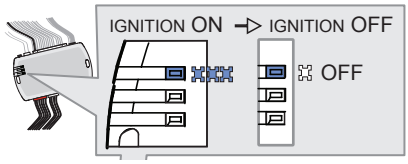


↳ *The Blue LED will flash rapidly.*

25



Press the START/STOP button once to turn OFF the vehicle's Ignition.



↳ *The Blue LED will turn OFF.*

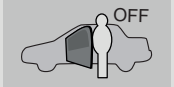
The module is now programmed.

REMOTE STARTER FUNCTIONALITY |

All doors must be closed.

Remote start the vehicle.

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



The module will shut down the vehicle as soon as the drivers door is opened.

Enter the vehicle with the Smart-Key.

Press the brake pedal or the clutch for the manual transmission.

Press the Push-to-Start button to start the vehicle.

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

If you're looking for quality car alarms & remote start, visit our website.