

## INSTALLATION GUIDE FOR T-HARNESS FOR GENERAL MOTORS VEHICLE

### COMBO EVO-ALL & THAR-GM1 v2


**HARDWARE VERSION**

 Minimum **6**
**FIRMWARE VERSION**
**4.18** REQUIRED

OR

**FIRMWARE VERSION**
**70.[00]**  
 GM Minimum

## VEHICLE FIT GUIDE



Functional if equipped

VEHICLES | VEHICULES

 YEARS  
ANNÉES

Transponder Bypass	Lock	Unlock	Arm	Disarm	Trunk (open)	RAP Disable	Tachometer	Heated Seats	Door Status	Trunk Status	Hood Status	Hand-Brake Status	Foot-Brake Status	PK3, Passlock	OEM Remote Monitoring*
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**BUICK**

Encore	2013-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•
LaCrosse	2010-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Regal	2011-2014	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Verano	2013-2014	•	•	•	•	•	•	•	•	•	•	•	•	•	•

**CHEVROLET**

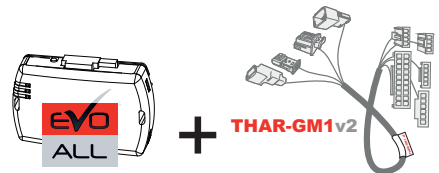
Camaro	2010-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Colorado	2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cruze	2011-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Equinox	2010-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malibu	2013-2014	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Orlando	2012-2014	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Sonic	2012-2014	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Trax	2013-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•

**GMC**

Terrain	2010-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•
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\*OEM remote not functional while the vehicle is started.

## PARTS INCLUDED



**INSTALLATION PROCEDURE**

WITH DATA-LINK

**A**

WITH OUT DATA-LINK

**B**

STAND ALONE

**C**

In order to utilize this type of connection the remote starter or alarm system must be compatible with the **Fortin Data-link protocol**.

For all other remote-starters or alarm-systems.

A remote car starter installation can be completed using only the interface module. An after-market remote car starter not required. **Automatic transmission only**

Go Page 4

Go Page 5

Go Page 3

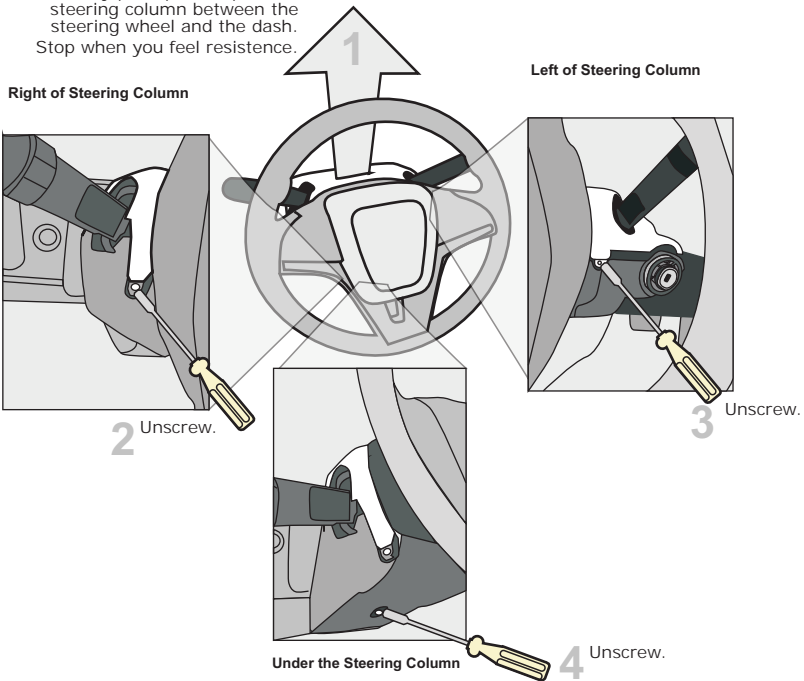
**EVO-ALL PROGRAMMING**

Go Page 6

**PREPARATION**

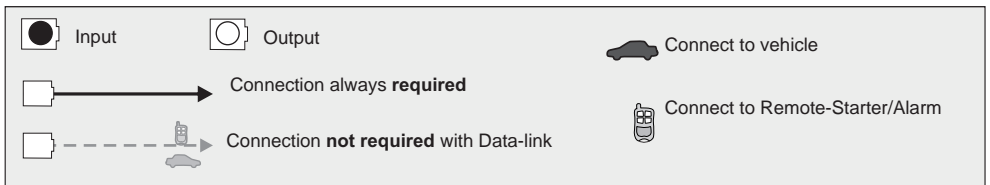
**PRÉPARATION**

Gently pull up the top of the steering column between the steering wheel and the dash. Stop when you feel resistance.



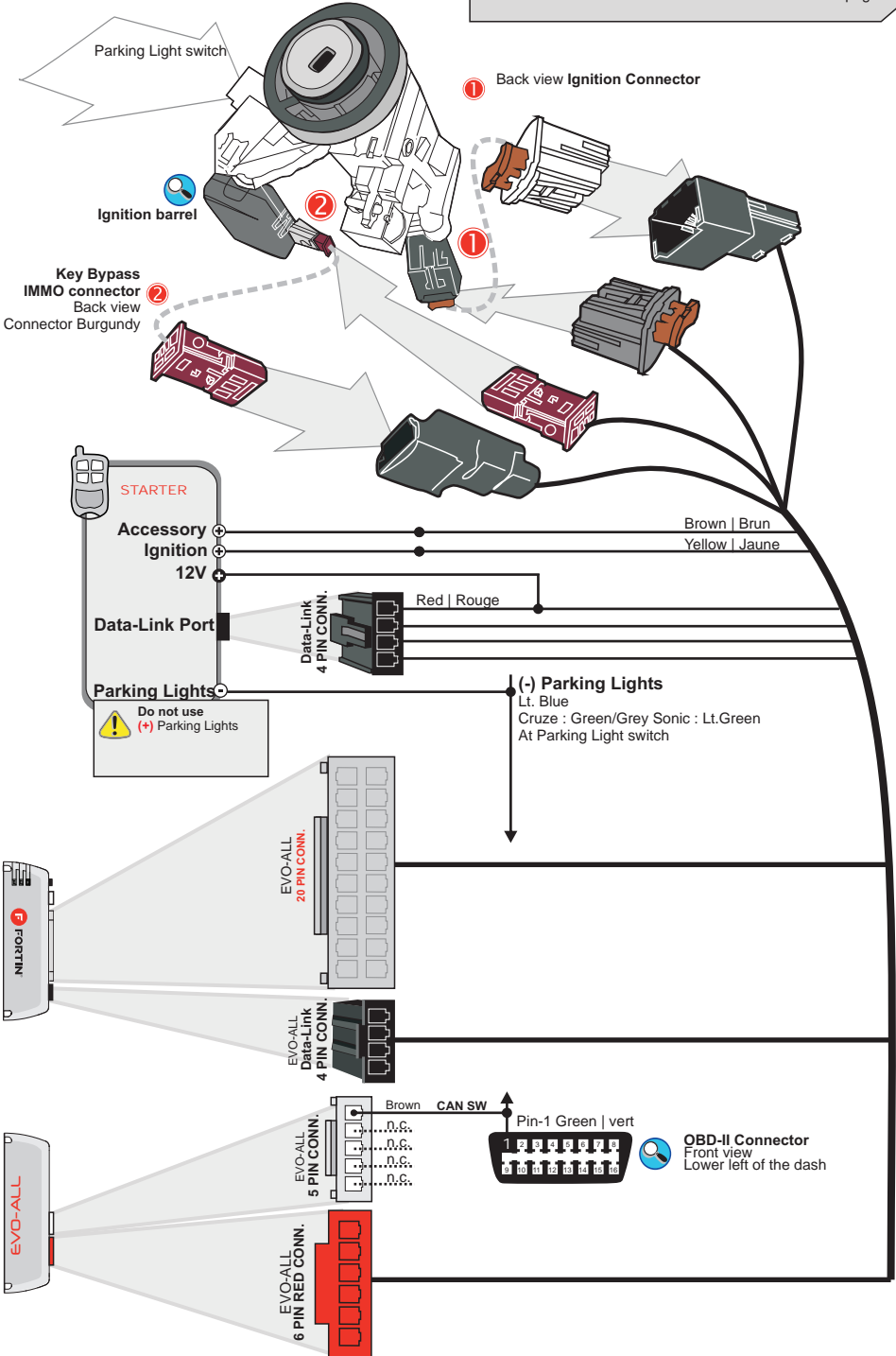
**WIRE LEGEND**

**LEGENDE**



**A** INSTALLATION WITH DATA-LINK

For installation without DATA-LINK use next page

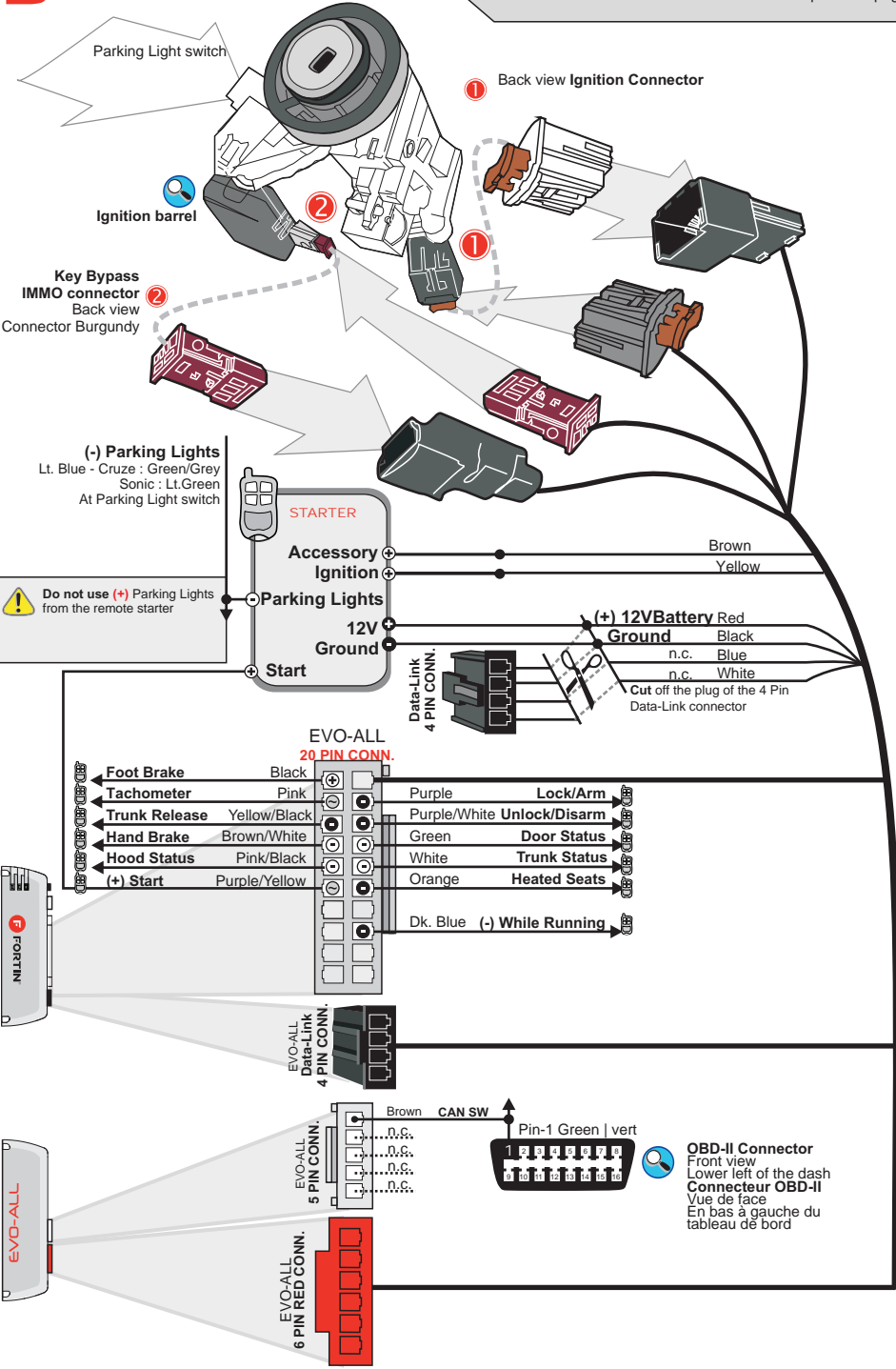


CONNECTION

INSTALLATION WITHOUT DATA-LINK | INSTALLATION SANS DATA-LINK

For installation with DATA-LINK use previews page

**B**





CONNECTION

**C**

**STAND ALONE INSTALLATION**

**✓ D1**

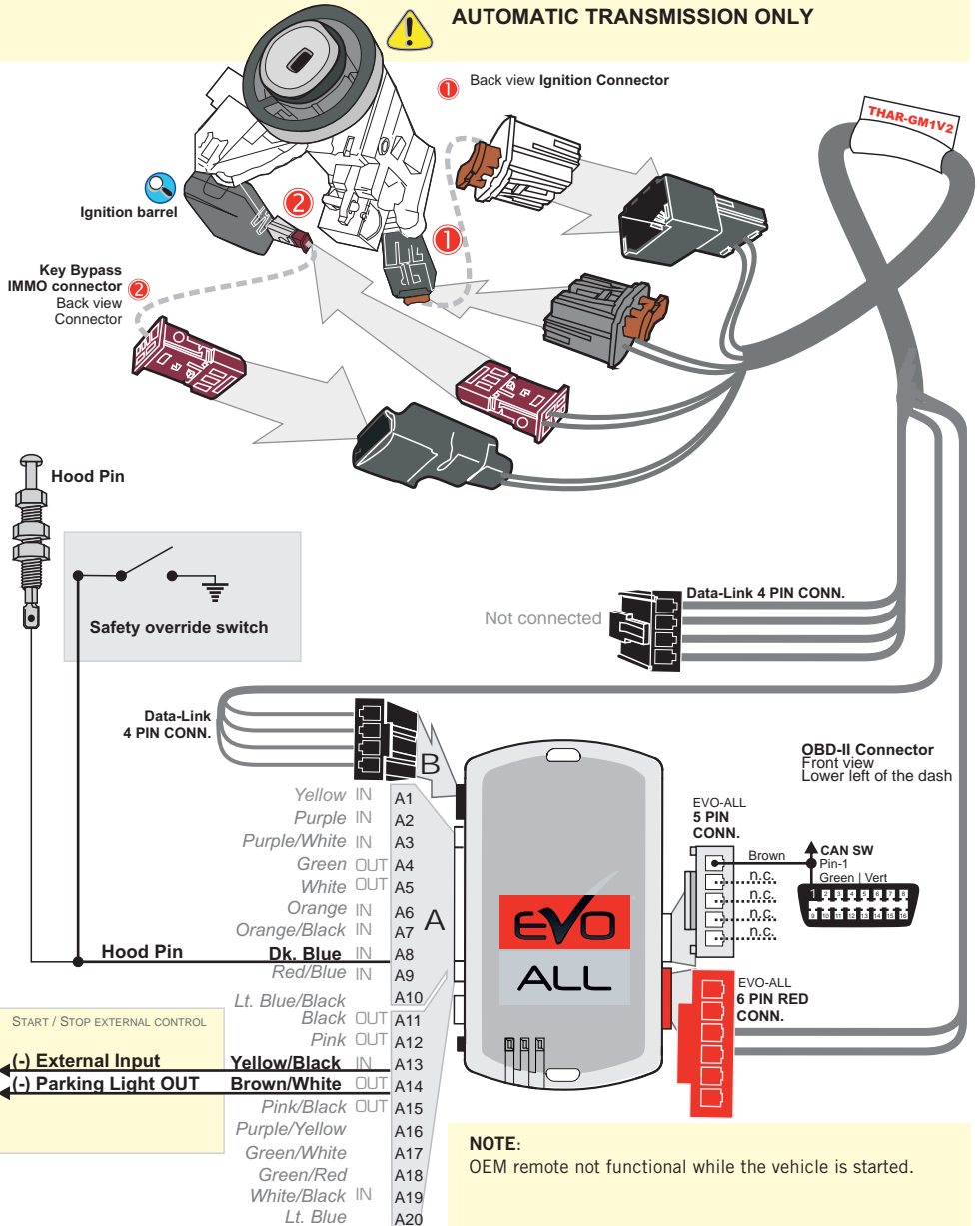


**3X LOCK**

Configure the EVO-ALL as a Stand Alone Remote Starter: **Connect** the module to the **FlashLink Updater 2** (sold separately) and use the **FlashLink Updater software** to enable option D1 in options menu.


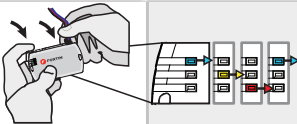
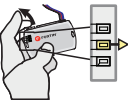
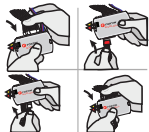
**Press** the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.





**AUTOMATIC TRANSMISSION ONLY**


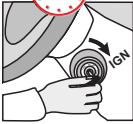
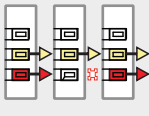

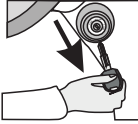




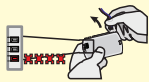
**NOTE:**  
OEM remote not functional while the vehicle is started.

EVO-ALL PROGRAMMING





1	 <p><b>Press and hold</b> the programming button.</p>	 <p><b>Insert</b> the 4-Pin (Data-Link) connector.</p>	<p>The LED will alternate between <b>BLUE, YELLOW and RED</b> flashes.</p>	 <p><b>Release</b> the programming button when the LED is <b>YELLOW</b>.</p>	<p>If the LED is not solid <b>YELLOW</b> <b>disconnect</b> the 4 Pin connector (Data-Link) and <b>go back</b> to step 1.</p>	<p style="text-align: right;">2</p>  <p><b>Insert</b> the remaining required connectors: 20-pin (White), 5-pin (White), 6-pin (Red), 2-pin (White).</p>
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3	 <p><b>Press and release</b> the programming button once.</p>	 <p>The <b>YELLOW LED</b> flashes once (1x) every second.</p>	 <p><b>Wait</b> for the <b>YELLOW</b> and the <b>RED LED</b> to turn <b>ON</b>.</p>	<p style="text-align: center;"> <b>CAUTION</b></p> <p>The next step must be completed in less than <b>5 seconds</b>. If the delay is not respected, <b>disconnect</b> all connectors and <b>go back</b> to step 1.</p>
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4	<p style="text-align: center;"> <b>5 sec. max</b></p>  <p><b>Turn</b> the Ignition to the ON/RUN position.</p>	 <p><b>Wait</b> until the <b>RED LED</b> flashes once (1x) and then turns back ON.</p>	 <p><b>Turn</b> the Ignition OFF.</p>	 <p><b>Remove</b> the key from the ignition switch.</p>	 <p><b>Reinsert</b> the key and turn the Ignition to the ON/RUN position.</p>	 <p>The <b>YELLOW LED</b> will flash rapidly ten (10x) times. Key bypass programmed.</p>
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If the **RED LED** flash constantly during the programming procedure:  
1- Verify the connections.  
2- It is possible that the vehicle is locked against programming a new key: **disconnect** the 4-Pin connector (DATA-LINK) and go to program.2 for the programming with DCRYPTOR.

<p style="text-align: center;">5</p>  <p>The <b>YELLOW LED</b> will turn back ON. The <b>Blue LED</b> will flash rapidly. CAN data programmed.</p>	 <p><b>Turn</b> the Ignition OFF.</p>	 <p>All LED's turn OFF.</p>	 <p>The module is now programmed.</p>
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**PROGRAM.2 DCRYPTOR - PROGRAMMING**



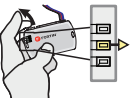
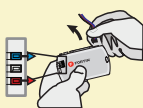
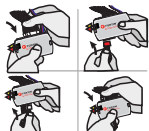

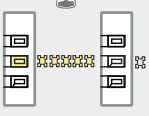
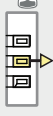
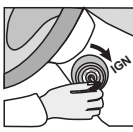

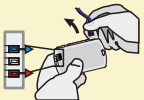

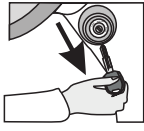


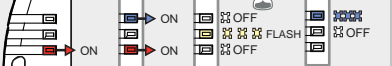
**Parts required (not included)**



**FLASH LINK UPDATER 2**



Microsoft Windows Computer with Internet connection

<p><b>1</b></p>  <p><b>Press and hold</b> the programming button.</p>	 <p><b>Insert</b> the 4-Pin (Data-Link) connector.</p>	<p>The LED will alternate between <b>BLUE, YELLOW and RED</b> flashes.</p>	 <p><b>Release</b> the programming button when the LED is <b>YELLOW.</b></p>	<p><b>▶▶▶</b></p> <p>If the LED is not solid <b>YELLOW</b> disconnect the 4 Pin connector (Data-Link) and go back to step 1.</p> 	<p><b>2</b></p>  <p><b>Insert</b> the remaining required connectors: 20-pin (White), 5-pin (White), 6-pin (Red), 2-pin (White).</p>
<p><b>3</b></p>  <p><b>Press and release</b> the programming button five times (5x).</p>	 <p>The <b>YELLOW LED</b> will alternate between 5x flashes and a pause.</p>	 <p>Wait until the <b>YELLOW LED</b> turns ON.</p>	<p><b>4</b></p>  <p><b>Turn</b> the ignition to the ON/RUN position.</p>	 <p>The <b>RED LED</b> will turn ON. The <b>YELLOW LED</b> turns OFF.</p>	<p><b>▶▶▶</b></p> <p>If the LED is not solid <b>RED</b> disconnect the 4-Pin connector (Data-Link) and go back to step 1.</p> 
<p><b>5</b></p>  <p><b>Turn</b> the Ignition OFF.</p>	<p><b>6</b></p>  <p><b>Remove</b> the key from the ignition switch.</p>	<p><b>7</b></p>  <p><b>Wait 5 seconds.</b></p>	 <p><b>Reinsert</b> the key and turn the Ignition to the ON/RUN position.</p>	<p><b>IGNITION OFF → IGNITION ON → WAIT → FLASH RAPIDLY</b></p>  <ul style="list-style-type: none"> <li>↳The <b>BLUE LED</b> will turn ON.</li> <li>↳Wait, the <b>BLUE &amp; RED LED</b> will turn OFF.</li> <li>↳Wait, the <b>YELLOW LED</b> will Flash.</li> <li>↳Wait, the <b>YELLOW LED</b> will turn OFF.</li> <li>↳Wait, the <b>BLUE LED</b> will Flash rapidly.</li> </ul>	<p>If the LEDs do not react as shown, disconnect the 4-Pin connector (Data-Link) and go back to step 1.</p>



**FORTIN**<sup>®</sup>

# EVO-GMT1

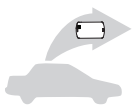
8



Turn the Ignition  
OFF.



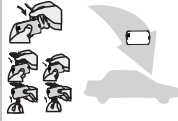
the BLUE  
LED flash  
slowly.



**Disconnect** all  
EVO-ALL  
connectors.



**Connect** the module to the  
FLASH LINK UPDATER 2\*  
and **visit** the DCryptor menu  
in the Flash-Link Manager\*.  
(\*NOT INCLUDED)



**Reconnect** the 4-Pin  
(Data-Link) connector  
and after all the  
remaining connector.



*The module is  
now  
programmed.*

REGULAR AND THAR-GM1V2 THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)															
		Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Trunk (open)	RAP Disable	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	PK3, Passlock	OEM Remote monitoring**
<b>CHEVROLET</b>																	
Trax	Flip-key 2013-2020	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



FIRMWARE VERSION

**70.[41]**  
GM MINIMUM

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



The vehicles *Flip-key* remote will not be functional during remote start.

		Parts required (Not included)	PAGE
<b>WIRE TO WIRE DIAGRAM</b>			
	AUTOMATIC TRANSMISSION	1x 2 Amp fuse	Page 4
	MANUAL TRANSMISSION	1x 2Amp fuse 1x 180 ohm resistor	Page 5
<b>THARNNESS DIAGRAM</b>			
THARNNESS THAR-GM1	AUTOMATIC TRANSMISSION	1x THAR-GM1	Page 6
THARNNESS THAR-GM1	MANUAL TRANSMISSION	1x THAR-GM1 1x 180 ohm resistor	Page 7

**MANDATORY INSTALL**

\*HOOD PIN



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





**A11**

OFF

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

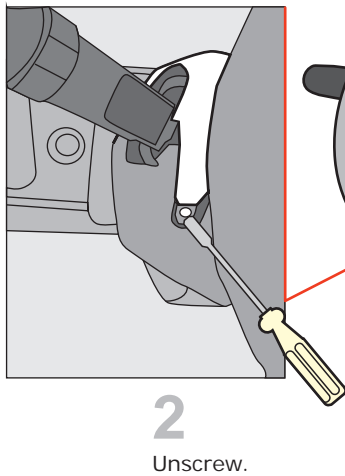
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

NOTES

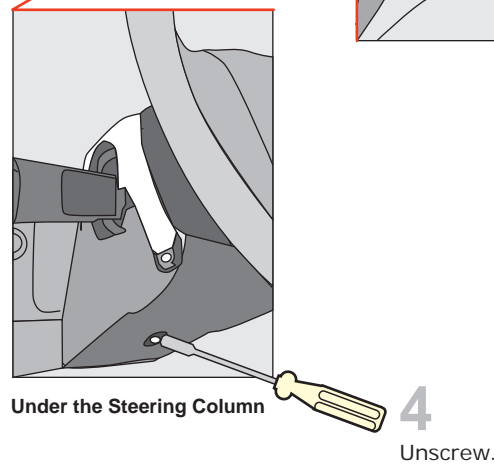
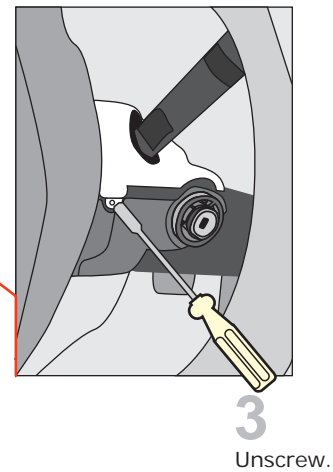
	<p><b>Program bypass option</b> <b>IF THE VEHICLE IS NOT EQUIPPED</b> <b>WITH FUNCTIONAL HOOD PIN:</b></p>	UNIT OPTION	DESCRIPTION
		<b>A11</b>	<b>OFF</b> Hood trigger (Output Status).
	<p><b>Program bypass option:</b></p>	UNIT OPTION	DESCRIPTION
		<b>C1</b>	OEM Remote status (Lock/Unlock) monitoring
<p><b>Program bypass option</b> <b>(If equipped with OEM alarm):</b></p>		<b>D2</b>	Unlock before / Lock after (Disarm OEM alarm)
	<p><b>ATTENTION!</b></p>	 <p>DATE: XX-XX</p>	<p><b>SPECIAL FUNCTIONS:</b> <b>BY DEFAULT DEACTIVATED</b></p>
			<b>E5</b>

Gently pull up the top of the steering column between the steering wheel and the dash. Stop when you feel resistance.

Left of Steering Column


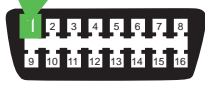


Right of Steering Column



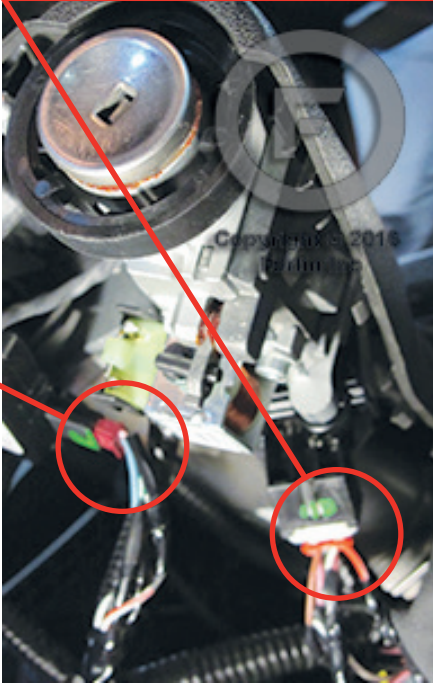
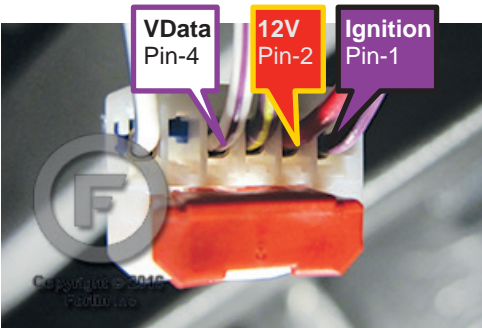
③ OBDII Front view

CAN SW Pin-1

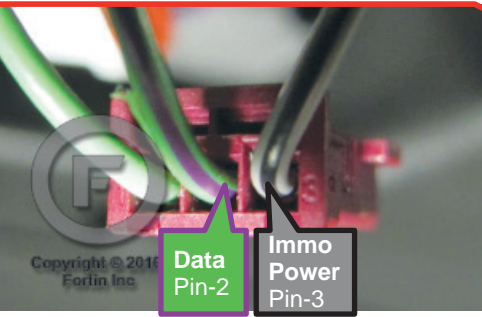


① Ignition Connector

Ignition barrel

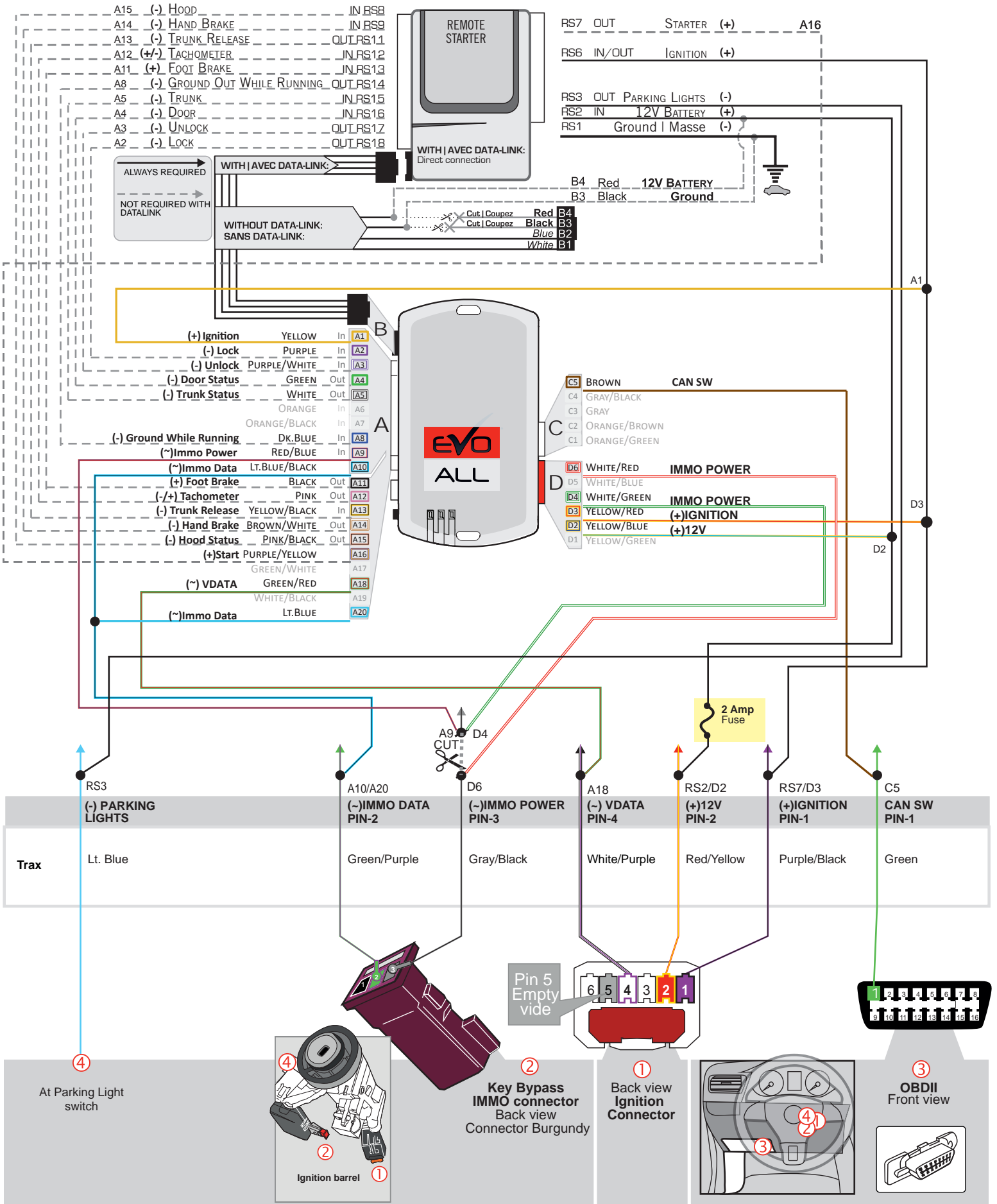


② IMMO connector



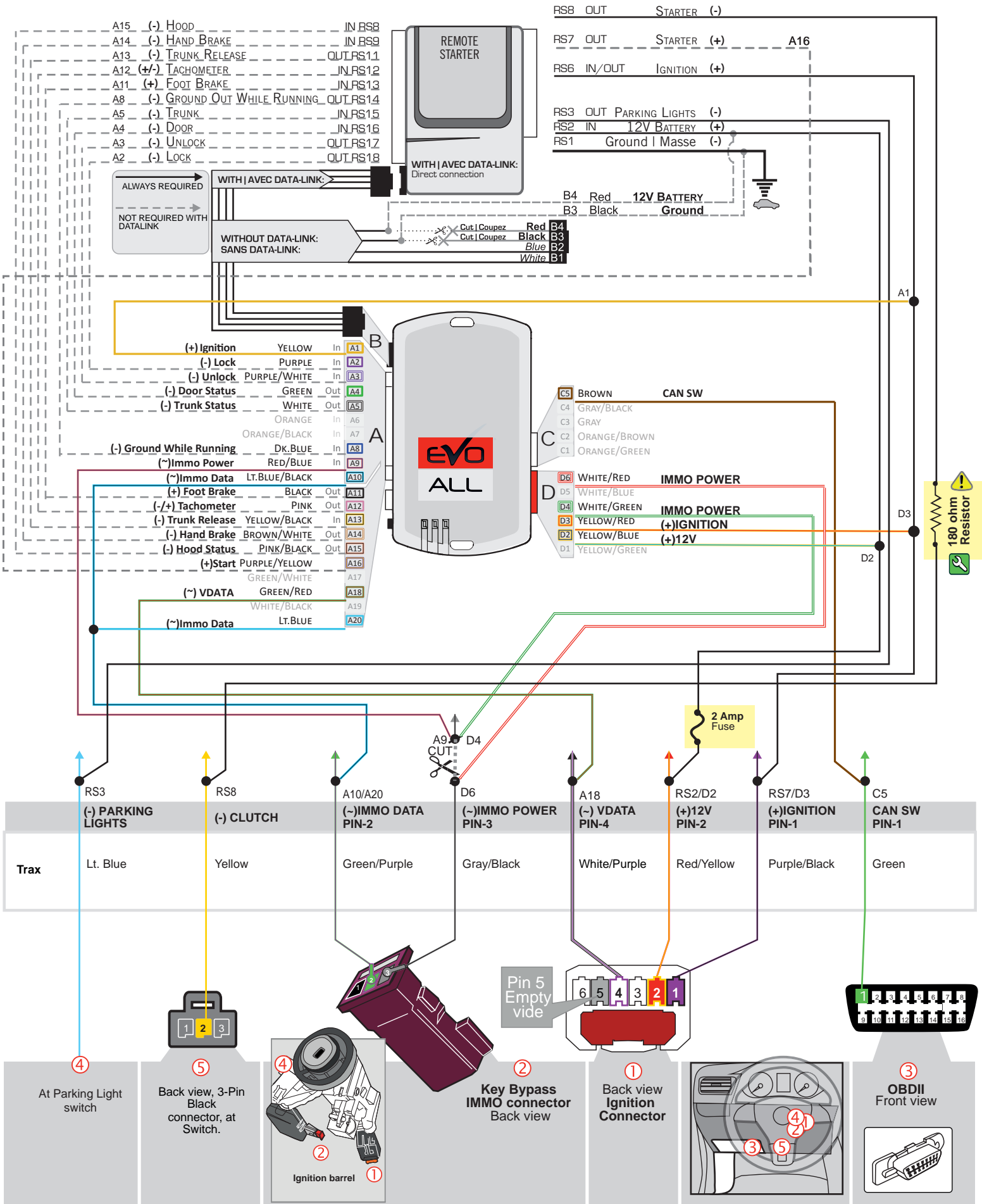
Copyright © 2016 Fortin Inc.

**AUTOMATIC TRANSMISSION WIRING CONNECTION**

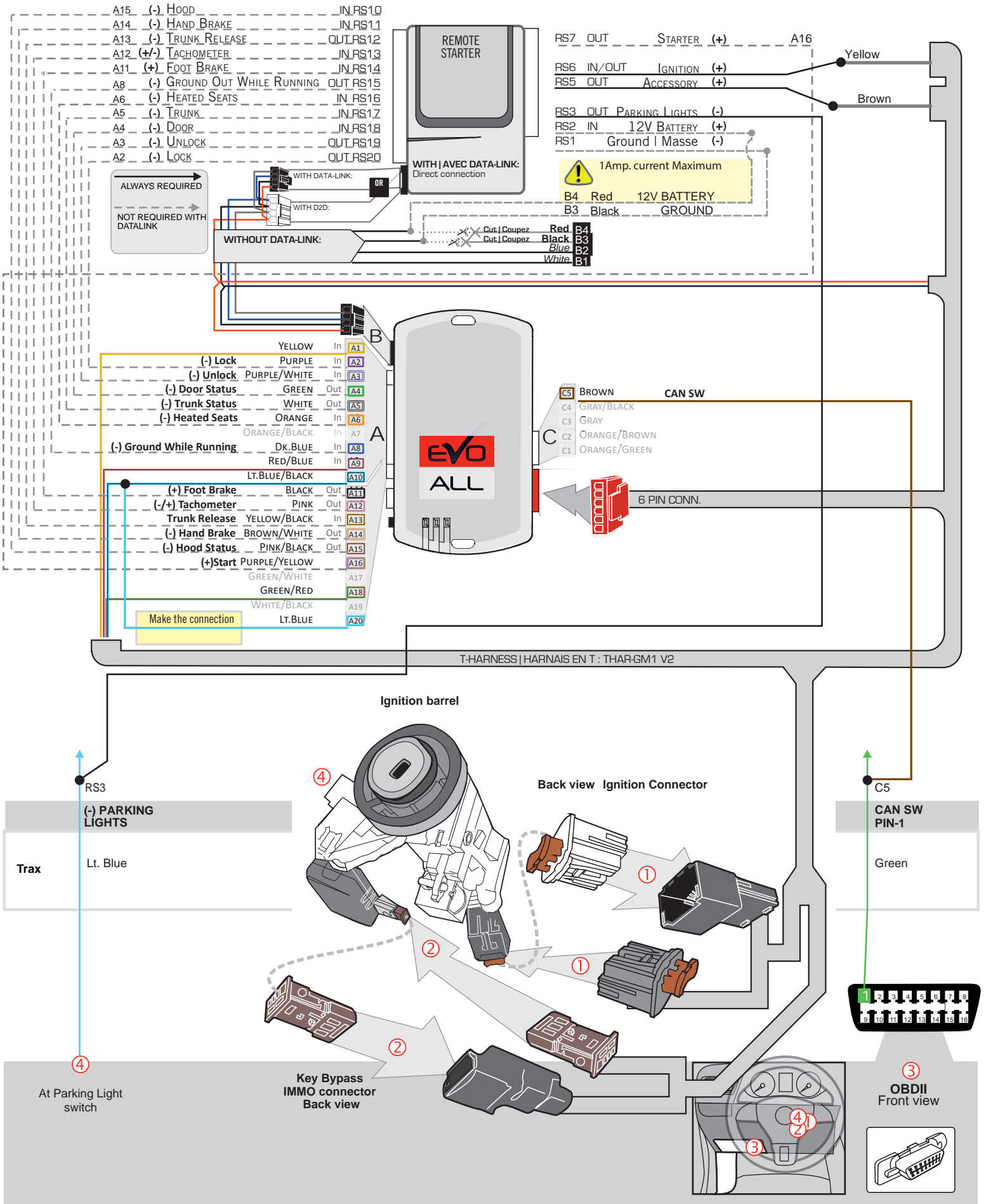




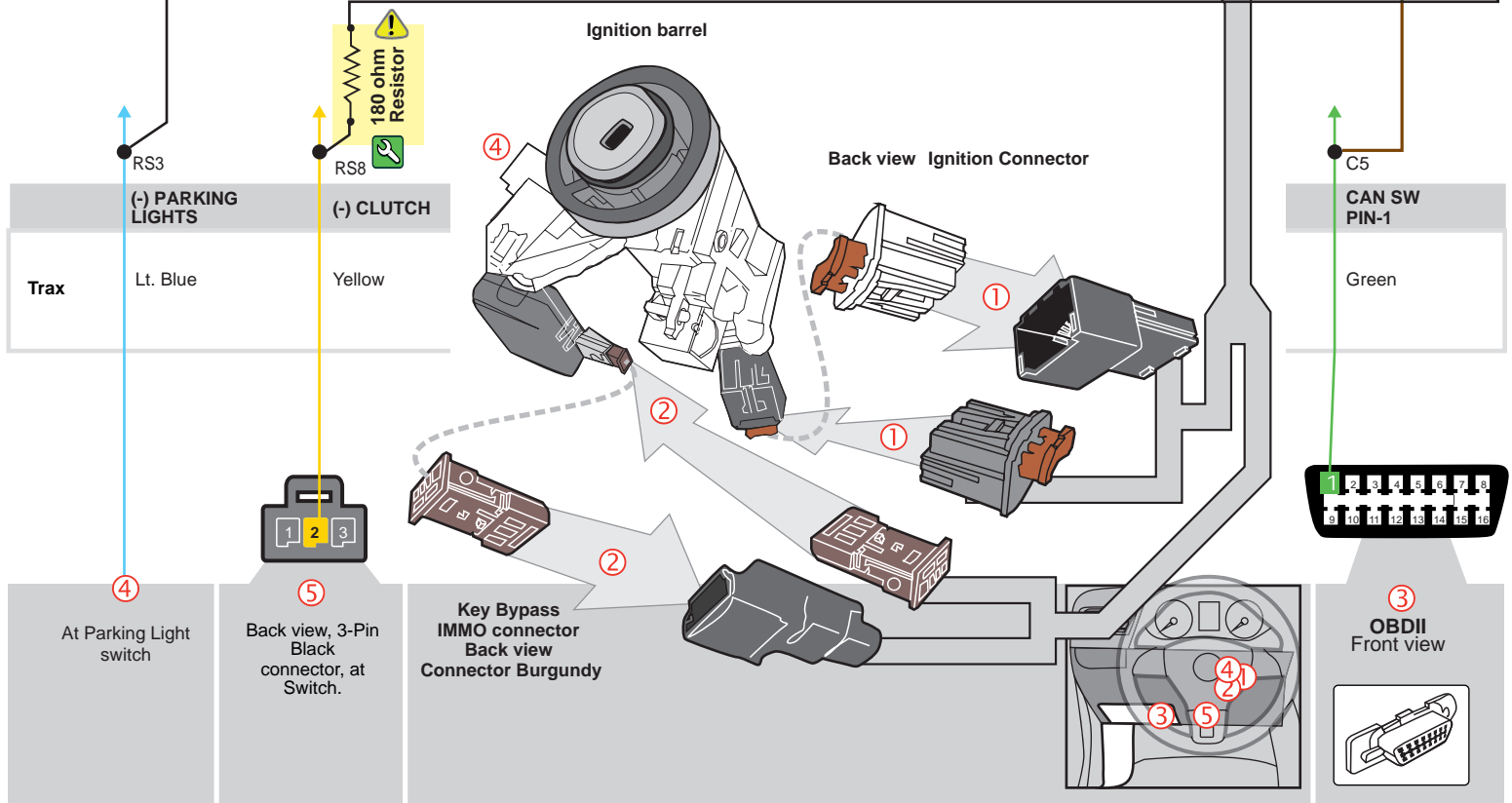
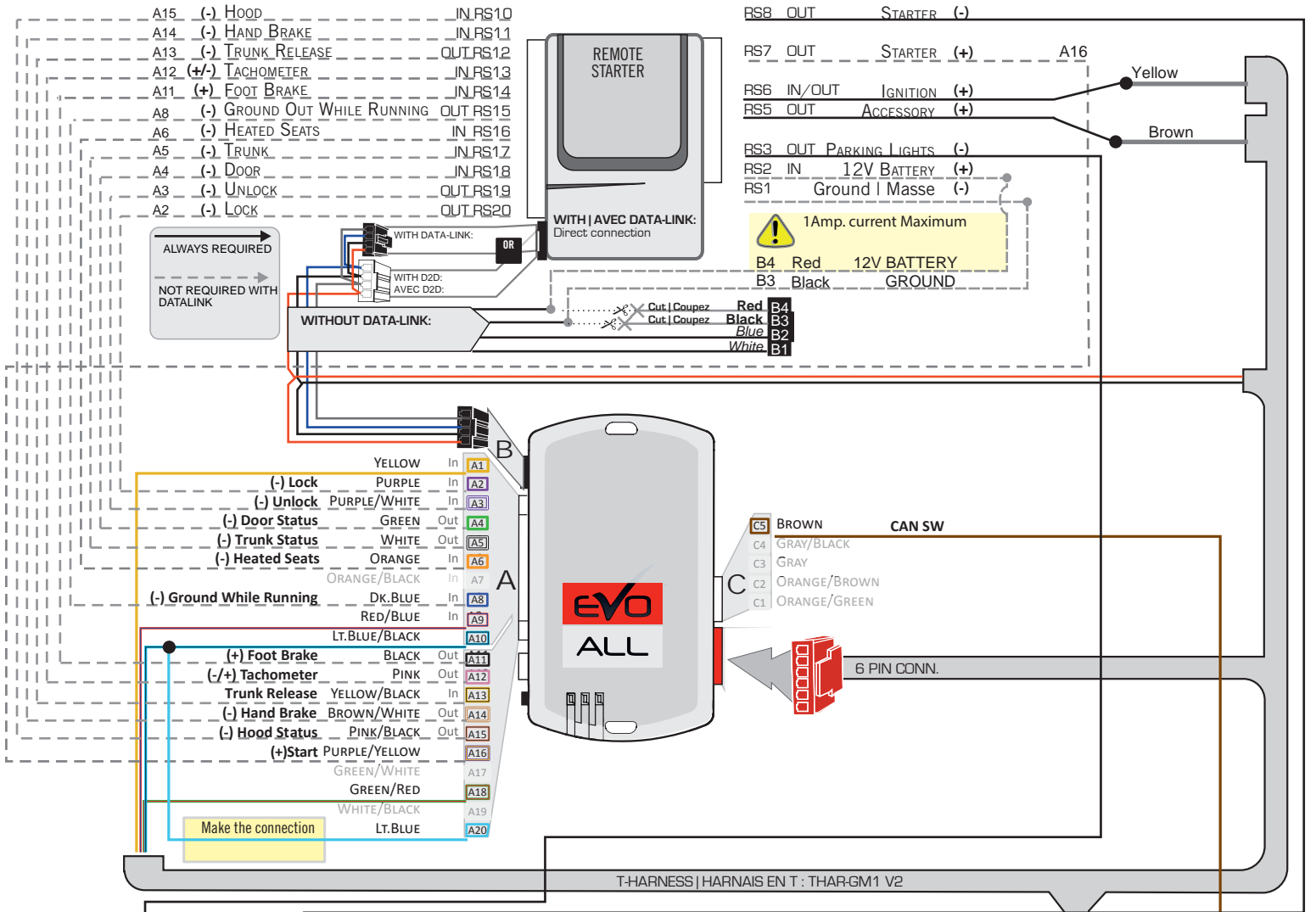
MANUAL TRANSMISSION WIRING CONNECTION



THAR-GM1V2 | AUTOMATIC TRANSMISSION CONNECTION



THAR-GM1V2 | MANUAL TRANSMISSION CONNECTION



**DCRYPTOR PROGRAMMING PROCEDURE**



Parts required (not included)

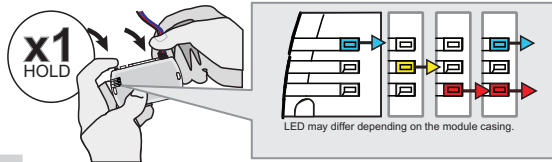
- 1x **FLASH LINK UPDATER, FLASH LINK MANAGER** SOFTWARE
- 1x Microsoft Windows Computer with Internet connection

OR  
OU

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

**BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.**

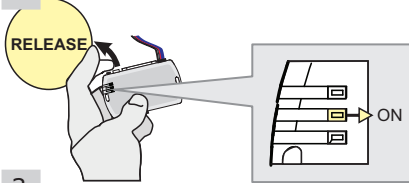
1



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

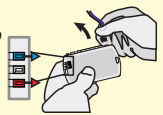
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

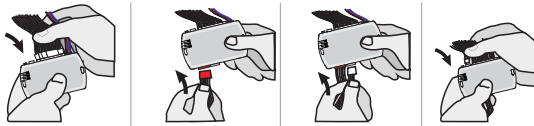


**Release** the programming button when the LED is YELLOW.

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

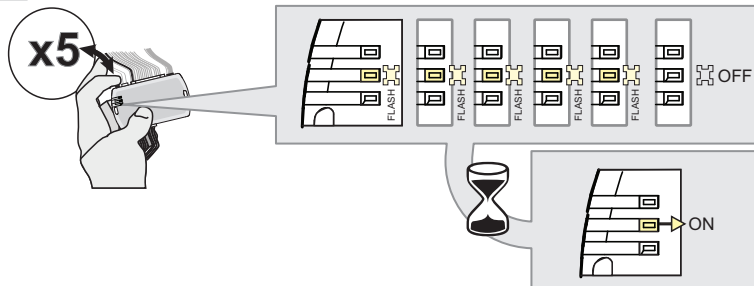


3



**Insert** the required remaining connectors.

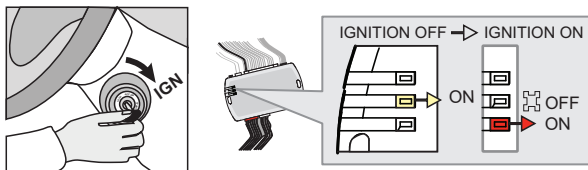
4



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

↳ The YELLOW LED will alternate between 5x flashes and a pause.  
↳ Wait until the YELLOW LED turns ON.

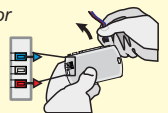
5



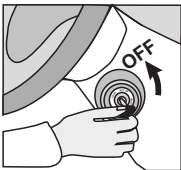
**Turn** the key to the Ignition ON/RUN position.

↳ The RED LED will turn ON.  
↳ The YELLOW LED turns OFF.

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

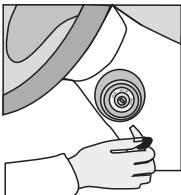


6



**Turn** the key to the OFF position.

7



**Remove** the key from the Ignition barrel.

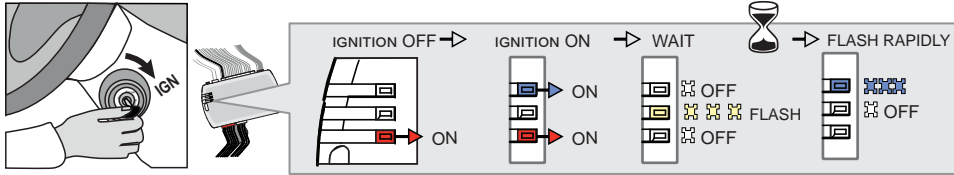
KEY BYPASS PROGRAMMING PROCEDURE 2/2 |

8



Wait 5 seconds.

9

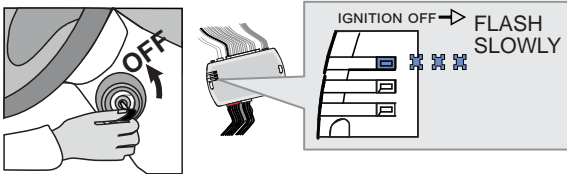


If the LEDs do not react as shown, disconnect the 4-Pin connector (Data-Link) and go back to step 1.

Turn the Ignition to the ON position.

- ↳ The BLUE LED will turn ON.
- ↳ Wait, the BLUE & RED LED will turn OFF.
- ↳ Wait, the YELLOW LED will Flash.
- ↳ Wait, the YELLOW LED will turn OFF.
- ↳ Wait, the BLUE LED will Flash rapidly.

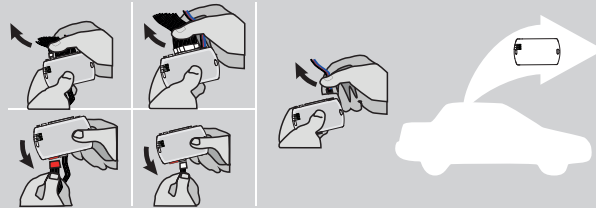
10



Turn the key to the OFF position.

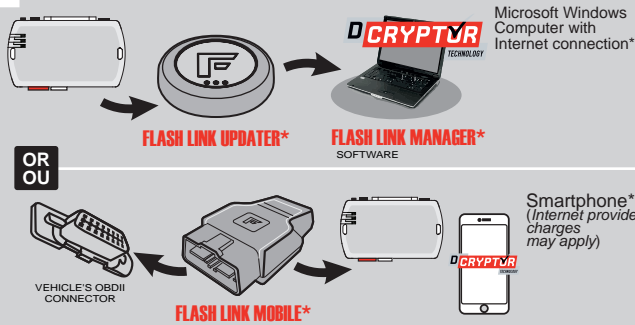
↳ the BLUE LED flash slowly.

11



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

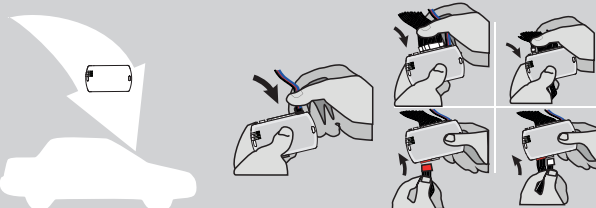
12



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

\*Parts required (not included)

13



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



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER FUNCTIONALITY |



All doors must be closed.



Remote start the vehicle.



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



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



Press the brake pedal.



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

**STANDALONE AND THAR-GM1V2 THARNESSESS  
INSTALLATION**

ADDENDUM - SUGGESTED WIRING CONFIGURATION



**ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.**



**VEHICLE**

**YEARS**

Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Trunk (open)	RAP Disable	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	PK3, Passlock	OEM Remote monitoring**
CHEVROLET																	
Trax	Flip-key 2013-2020	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



FIRMWARE VERSION

**70.[41]**

GM MINIMUM

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



The vehicles *Flip-key* remote will not be functional during remote start.

**Parts required (Not included)**

**PAGE**

**WIRE TO WIRE DIAGRAM**

AUTOMATIC TRANSMISSION

1X 2 Amp Fuse

Page 5

**THARNESSESS DIAGRAM**

THARNESSESS THAR-GM7

AUTOMATIC TRANSMISSION

1x THAR-GM7

Page 6

**MANDATORY INSTALL**

**\* HOOD PIN**



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




**A11**

**OFF**

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

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

NOTES

		UNIT OPTION	DESCRIPTION
	<b>Program bypass option:</b>	<b>C1</b>	OEM Remote status (Lock/Unlock) monitoring
<b>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</b>		<b>A11</b>	<input type="checkbox"/> OFF Hood trigger (Output Status).
<b>Program bypass option (if equipped with OEM alarm):</b>		<b>D2</b>	Unlock before / Lock after (Disarm OEM alarm)
	<b>ATTENTION!</b>	 DATE: XX-XX <b>E5</b>	<input type="checkbox"/> OFF <b>SPECIAL FUNCTIONS: BY DEFAULT DEACTIVATED</b> <b>FUNCTION SPECIALE: PAR DEFAUT DESACTIVE</b>
			<input type="checkbox"/> ON



**PARTS REQUIRED (NOT INCLUDED)**

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

OR

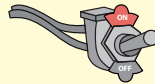
1x **FLASH LINK MOBILE**  
 1x **FLASH LINK MOBILE APP**  
 Smartphone *Android* or *iOS* with Internet connection (*provider charges may apply*).

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

**REMOTE STARTER FUNCTIONNALITY**

All doors must be closed.

**3X**

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

The vehicle will START.

**REMOTE STARTER DIAGNOSTICS**  
MODULE RED LED

<b>x2 flash :</b>	Brake ON
<b>x3 flash :</b>	No tach
<b>x4 flash :</b>	Ignition before start
<b>x5 flash :</b>	Hood Open

**REMOTE STARTER WARNING CARD**



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

**WARNING | ATTENTION**

REMOTE STARTER

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

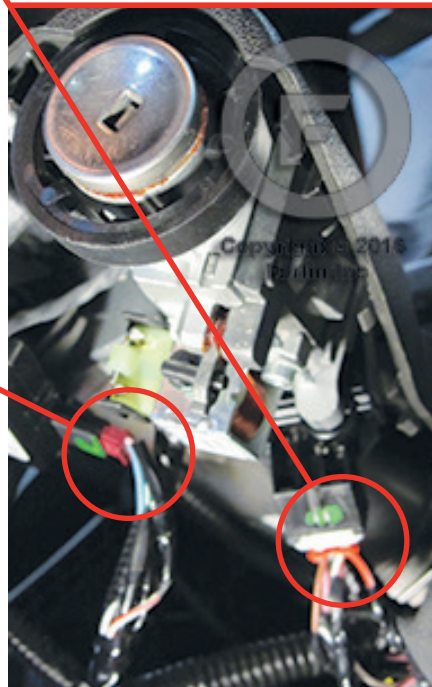
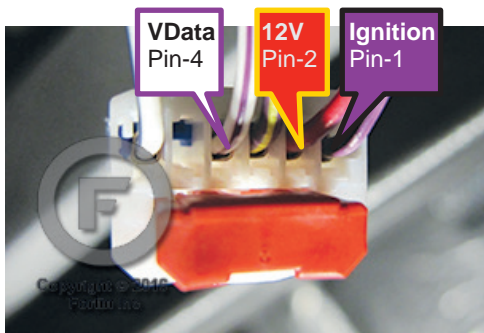
③ OBDII Front view

CAN SW  
Pin-1

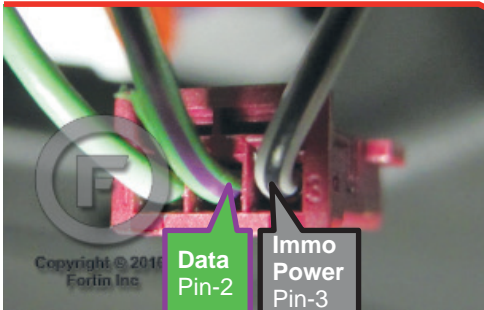


① Ignition Connector

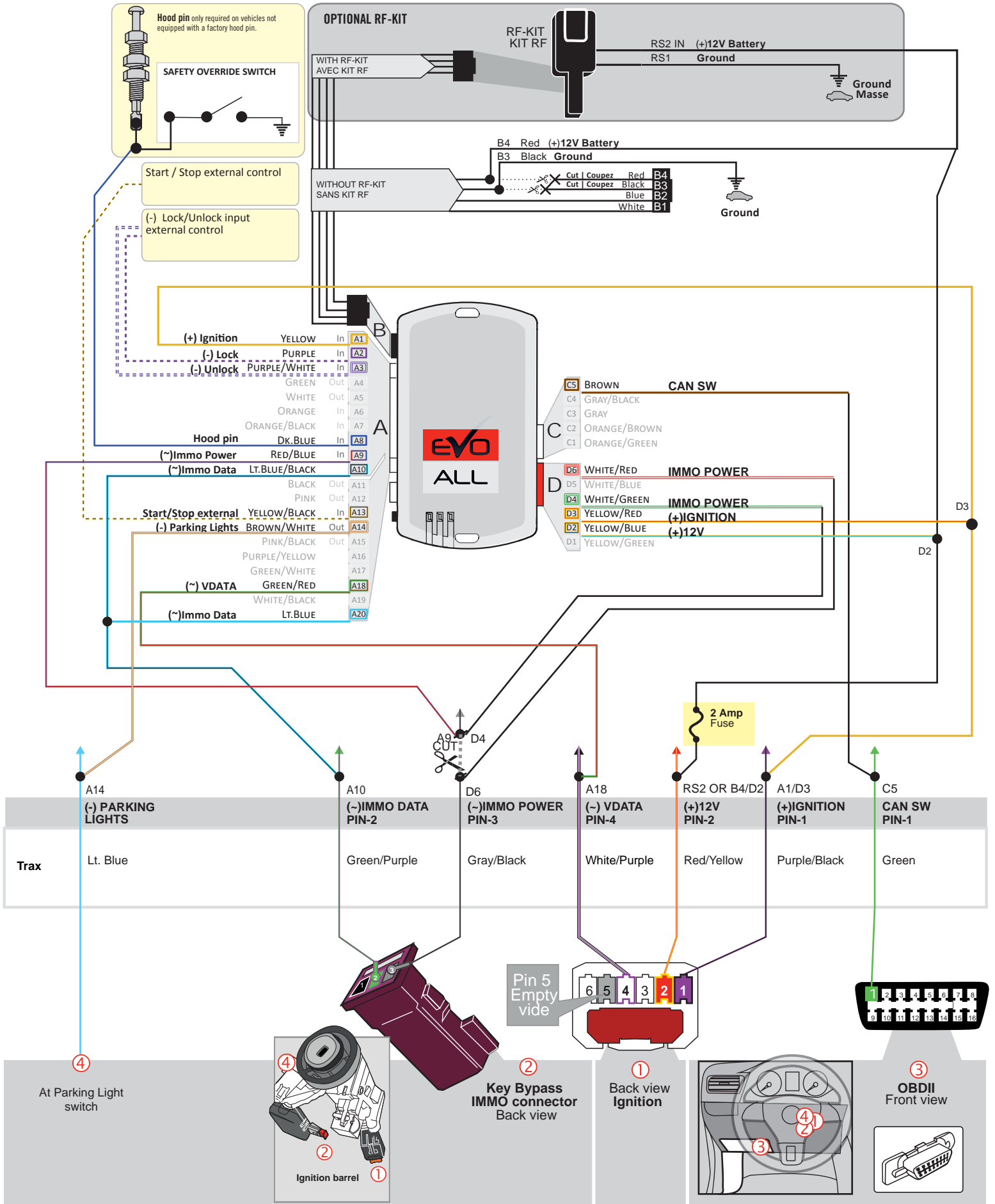
Ignition barrel



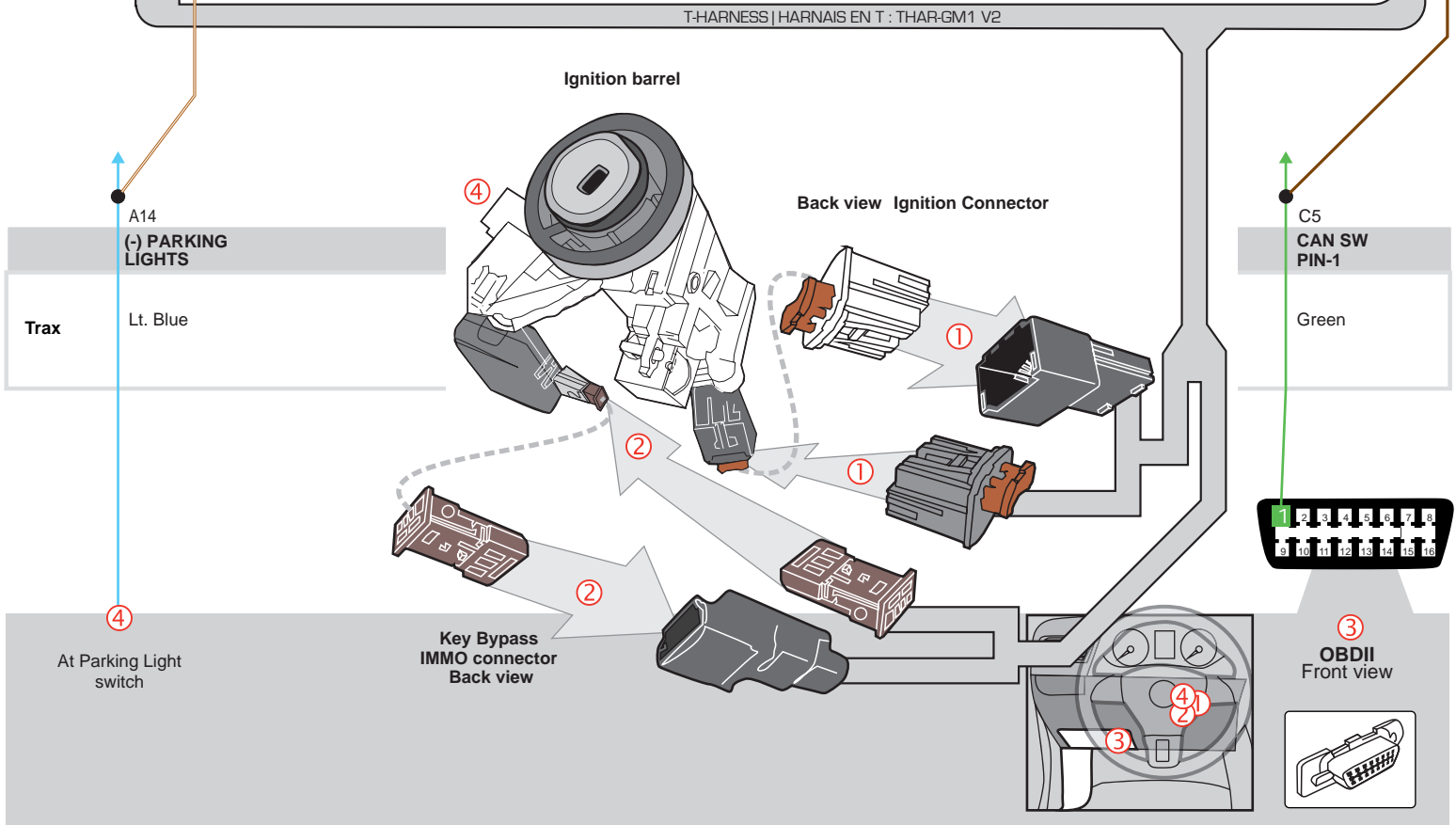
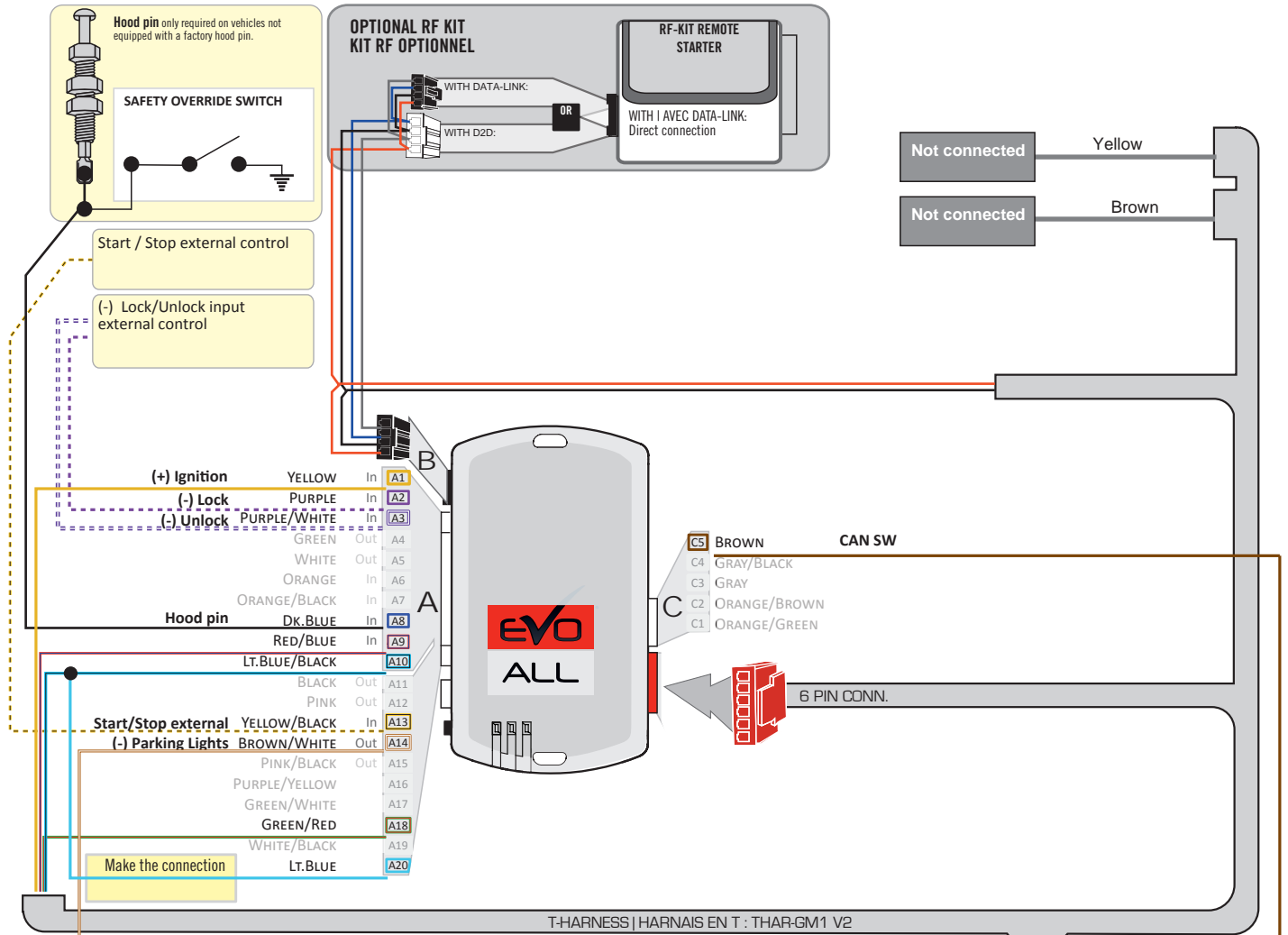
② IMMO connector



**AUTOMATIC TRANSMISSION WIRING CONNECTION**



THAR-GM1V2 | AUTOMATIC TRANSMISSION CONNECTION



**DCRYPTOR PROGRAMMING PROCEDURE**



Parts required (not included)

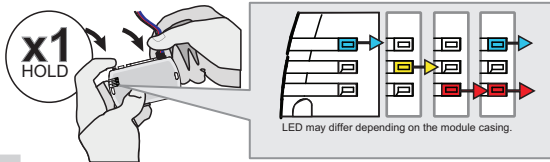
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**  
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection

OR  
OU

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

**BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE. I**

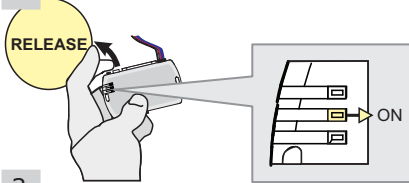
1



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

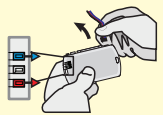
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

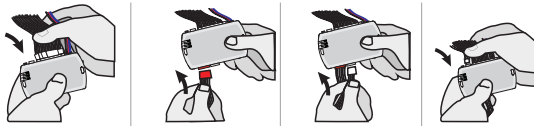


**Release** the programming button when the LED is YELLOW.

**Relâchez** le bouton de programmation quand la DEL est JAUNE.

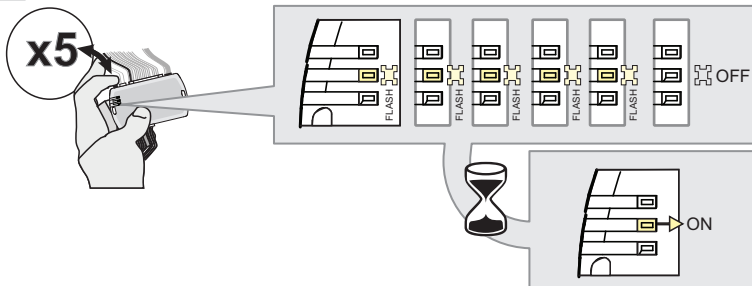


3



**Insert** the required remaining connectors.

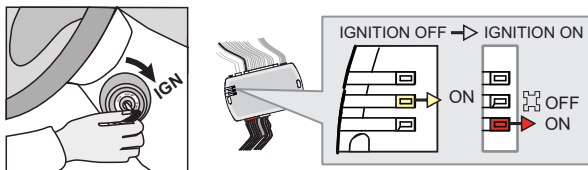
4



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

↳ The YELLOW LED will alternate between 5x flashes and a pause.  
↳ Wait until the YELLOW LED turns ON.

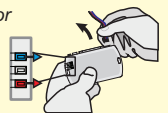
5



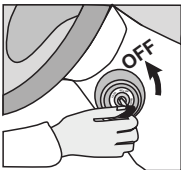
**Turn** the key to the Ignition ON/RUN position.

↳ The RED LED will turns ON.  
↳ The YELLOW LED turns OFF.

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

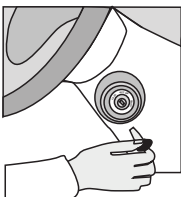


6



**Turn** the key to the OFF position.

7



**Remove** the key from the Ignition barrel.

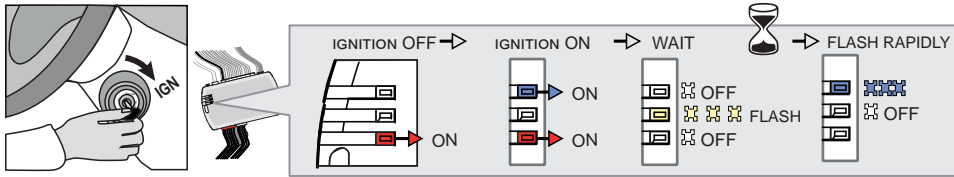
KEY BYPASS PROGRAMMING PROCEDURE 2/2

8



Wait 5 seconds.

9

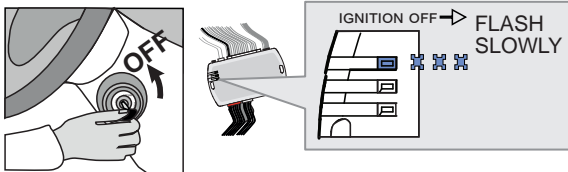


If the LEDs do not react as shown, disconnect the 4-Pin connector (Data-Link) and go back to step 1.

Turn the Ignition to the ON position.

- ↳ The BLUE LED will turn ON.
- ↳ Wait, the BLUE & RED LED will turn OFF.
- ↳ Wait, the YELLOW LED will Flash.
- ↳ Wait, the YELLOW LED will turn OFF.
- ↳ Wait, the BLUE LED will Flash rapidly.

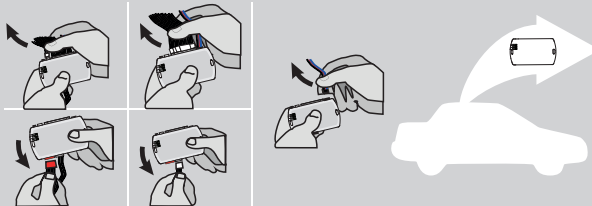
10



Turn the key to the OFF position.

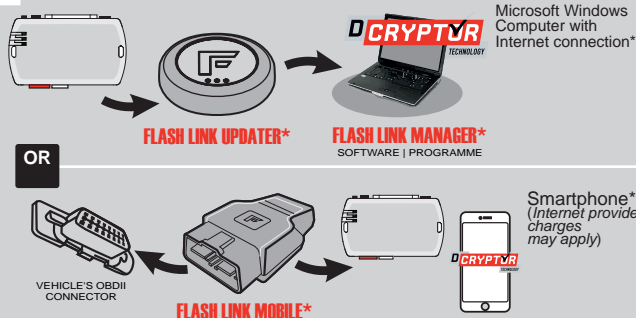
↳ the BLUE LED flash slowly.

11



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

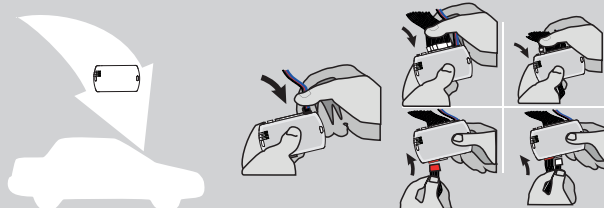
12



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

\*Parts required (not included)

13



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



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE


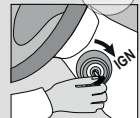




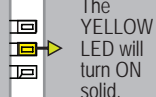
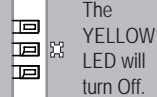
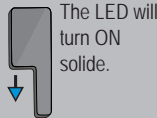
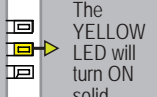
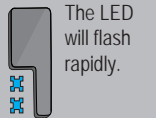
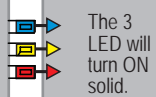
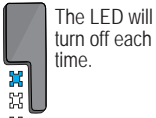
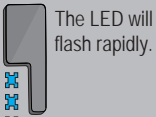
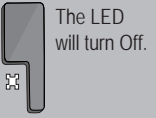
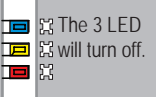
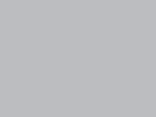
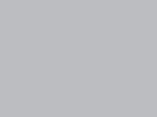
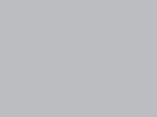
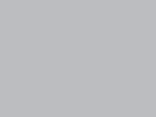
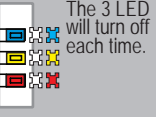

Test the remote starter. Remote start the vehicle.

OPTIONAL RF-KIT PROGRAMMING

PROGRAM BYPASS OPTION

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

OPTIONAL FORTIN RF KIT SERIES 4 OR SERIES 9 PROGRAMMING

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



REMOTE STARTER FUNCTIONALITY



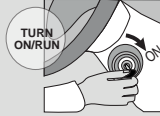
All doors must be closed.



Remote start the vehicle.



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



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



Press the brake pedal.



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



**THAR-GM1**

**THARNNESS INSTALLATION  
INSTALLATION HARNAIS**

ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)												
		Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	RAP Disable	Tachometer	Door Status	Hood Status	Hand-Brake Status	Foot-Brake Status	PK3, Passlock
<b>CHEVROLET</b>														
Colorado	2015-2020	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>GMC</b>														
Canyon	2015-2020	•	•	•	•	•	•	•	•	•	•	•	•	•

	HARDWARE VERSION	FIRMWARE VERSION	To add the firmware version and the options, use the <b>FLASH LINK UPDATER</b> or <b>FLASH LINK MOBILE</b> tool, sold separately.
	MINIMUM <b>6</b>	<b>70.[39]</b> GM MINIMUM	

	<b>Program bypass option IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</b>	UNIT OPTION	DESCRIPTION
		<b>A11</b>	<b>OFF</b> Hood trigger (Output Status).

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

	<b>ATTENTION!</b>		DATE: XX-XX	<b>OFF</b>	<b>SPECIAL FUNCTIONS: BY DEFAULT DEACTIVATED</b>
			<b>E5</b>	<b>ON</b>	<b>MANUFACTURED MODULES BETWEEN: 04/2018 TO 04/2019</b>

**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**

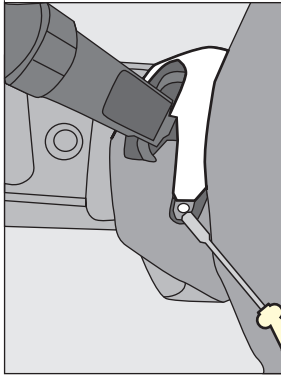
**Notice:** the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

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

**DESCRIPTION**

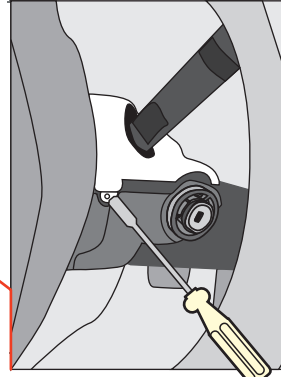
Gently pull up the top of the steering column between the steering wheel and the dash. Stop when you feel resistance.

**Left of Steering Column**

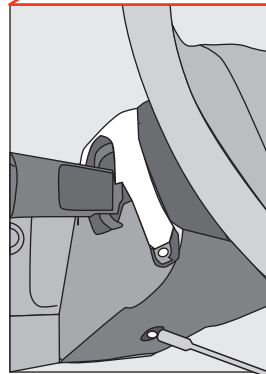


**2**  
Unscrew.

**Right of Steering Column**

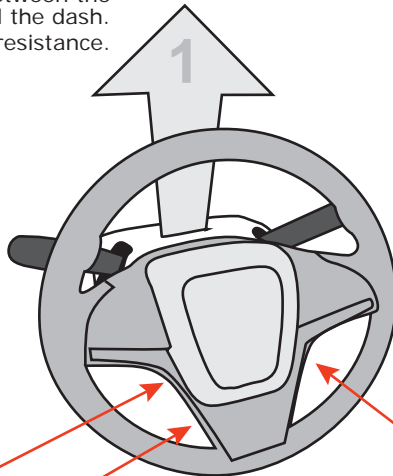


**3**  
Unscrew.



**Under the Steering Column**

**4**  
Unscrew.



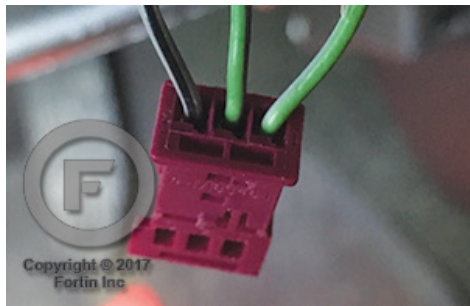
DESCRIPTION

AT IGNITION SWITCH

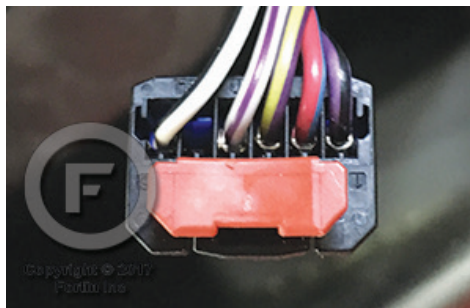
Ignition barrel



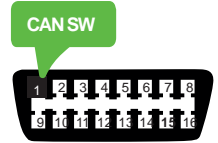
② IMMO connector



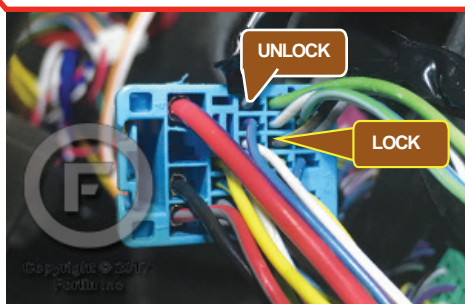
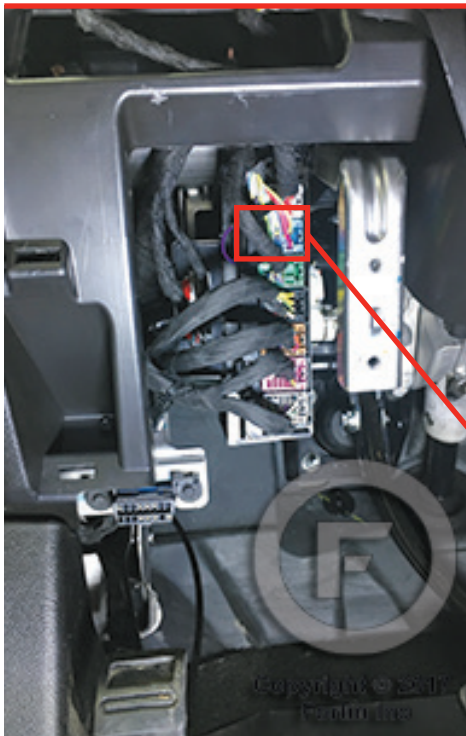
① Ignition Connector



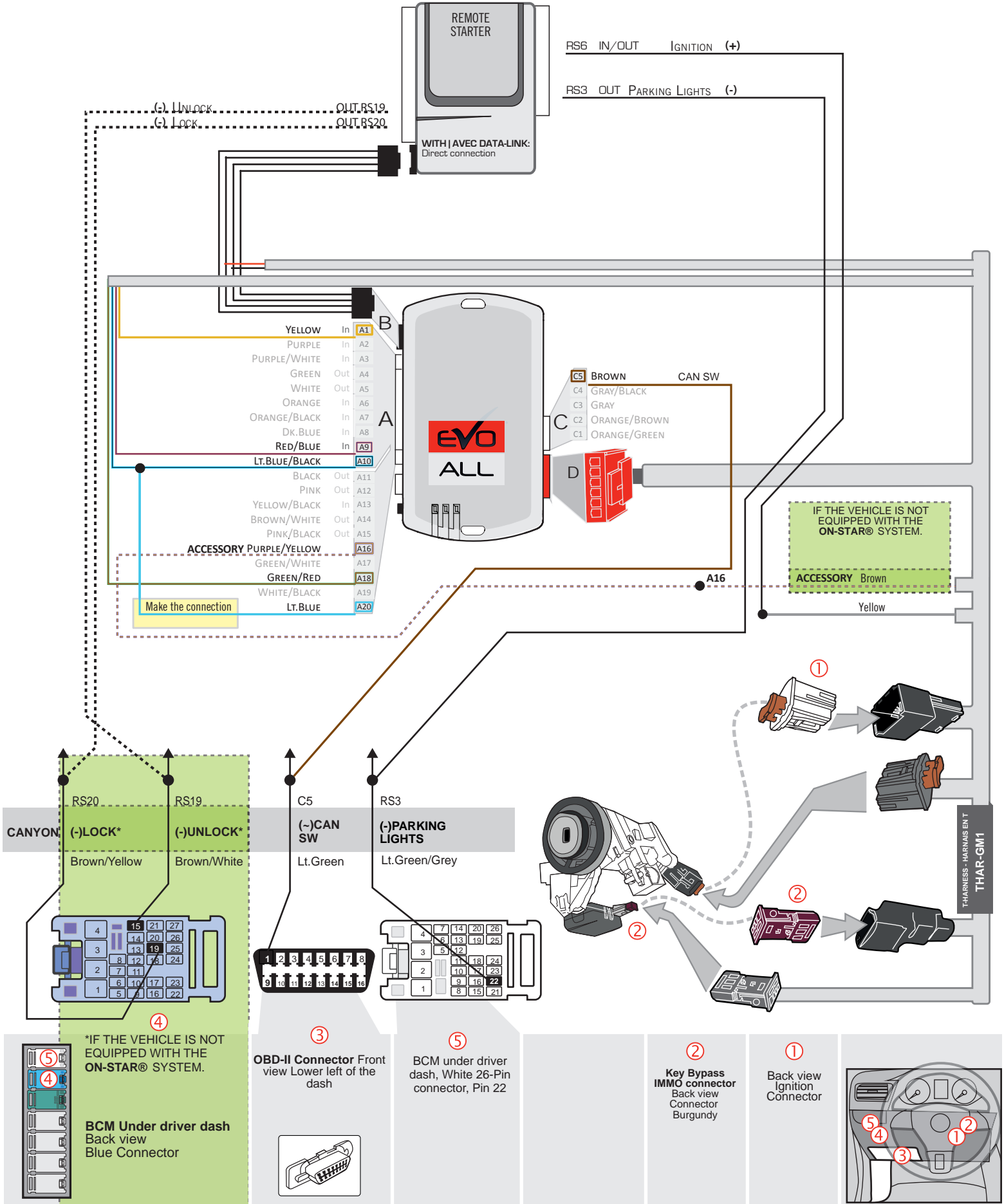
④ OBDII



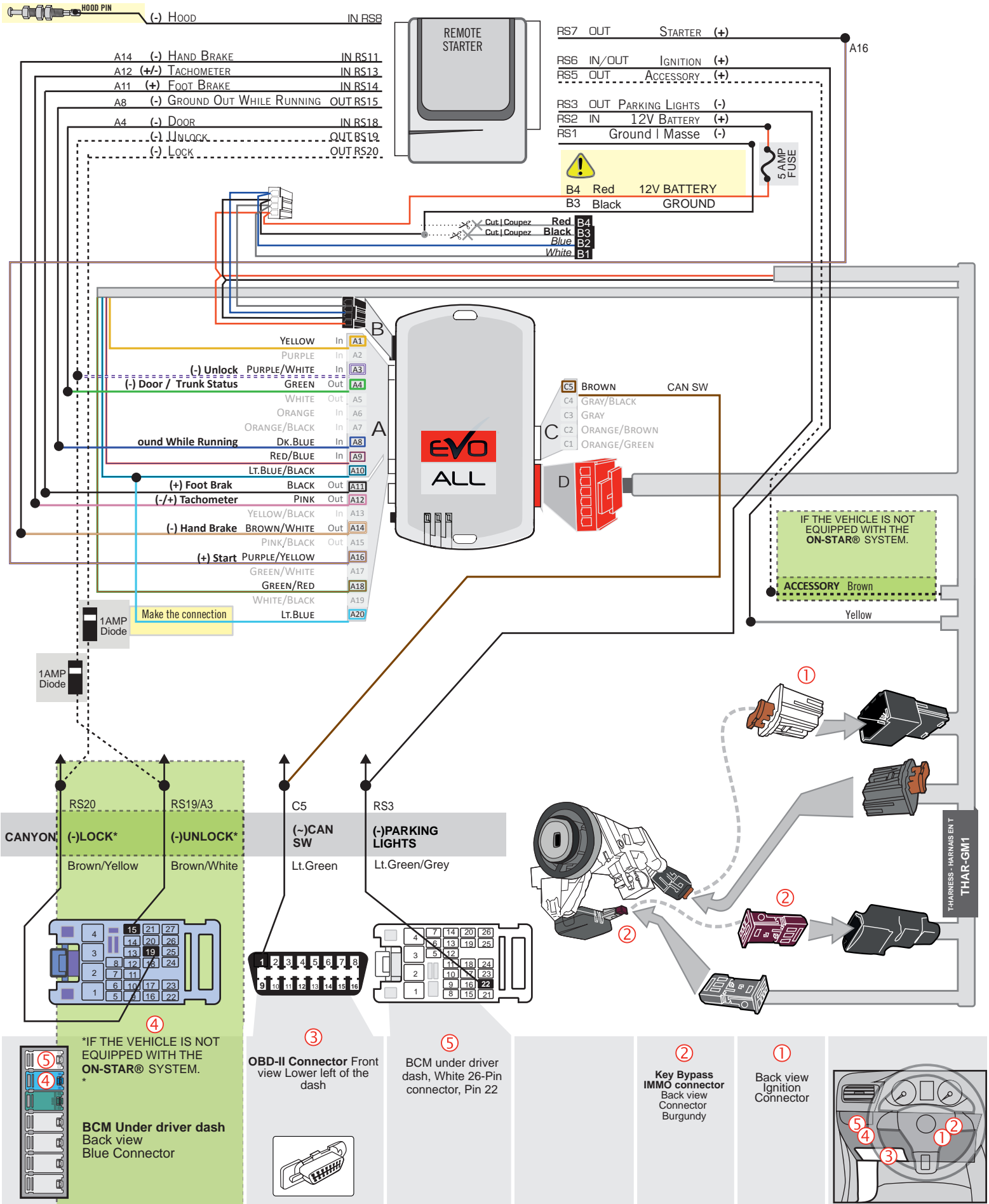
③ BCM Under driver dash



WIRING CONNECTION WITH DATA-LINK



WIRING CONNECTION WITHOUT DATA-LINK







Parts required (not included)

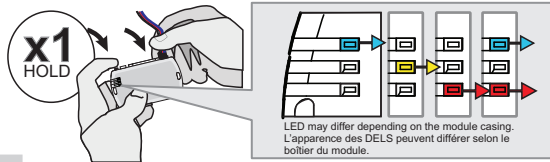
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**  
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection

OR  
OU

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

**BEFORE PROGRAMMING SET THE UNIT OPTION AND SAVE.**

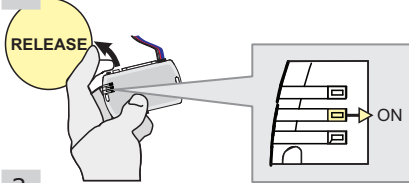
1



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

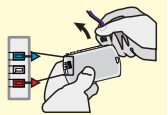
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

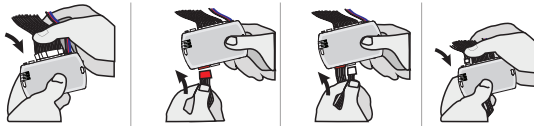


**Release** the programming button when the LED is YELLOW.

**Relâchez** le bouton de programmation quand la DEL est JAUNE.

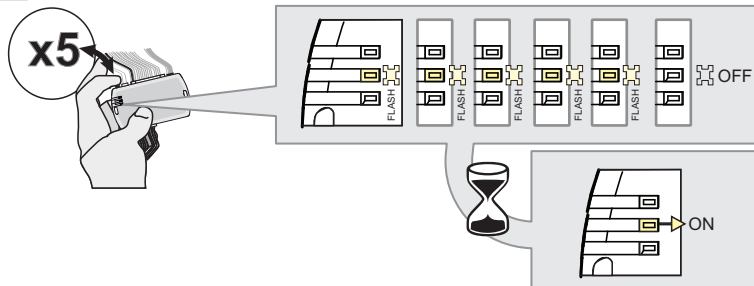


3



**Insert** the required remaining connectors.

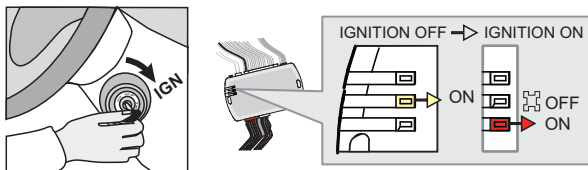
4



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

↳ The YELLOW LED will alternate between 5x flashes and a pause.  
↳ Wait until the YELLOW LED turns ON.

5

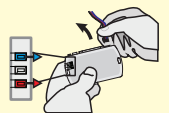


**Turn** the key to the Ignition ON/RUN position.

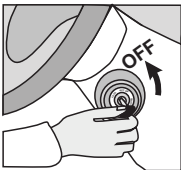
↳ The RED LED will turns ON.  
↳ The YELLOW LED turns OFF.

**Tournez** la clé à Ignition.

↳ La DEL ROUGE s'allume.  
↳ La DEL JAUNE s'éteint.

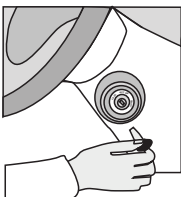


6



**Turn** the key to the OFF position.

7



**Remove** the key from the Ignition barrel.

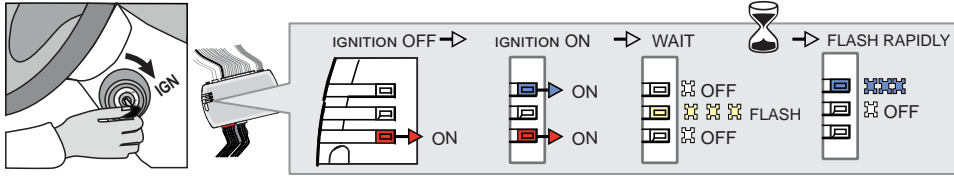
KEY BYPASS PROGRAMMING PROCEDURE 2/2 |

8



Wait 5 seconds.

9



If the LEDs do not react as shown, disconnect the 4-Pin connector (Data-Link) and go back to step 1.

- Turn the Ignition to the ON position.
- ↳ The BLUE LED will turn ON.
  - ↳ Wait, the BLUE & RED LED will turn OFF.
  - ↳ Wait, the YELLOW LED will Flash.
  - ↳ Wait, the YELLOW LED will turn OFF.
  - ↳ Wait, the BLUE LED will Flash rapidly.

10

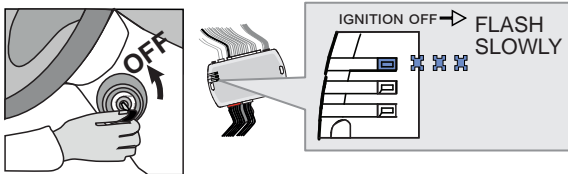
WITH DATA-LINK AVEC DATA-LINK



WITHOUT ON-STAR® SANS ON-STAR®

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

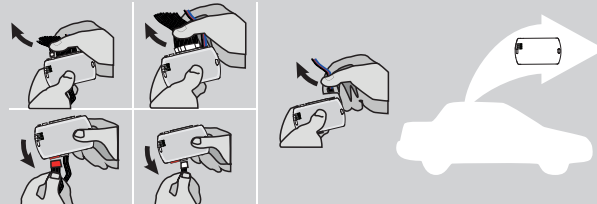
11



Turn the key to the OFF position.  
↳ the BLUE LED flash slowly.

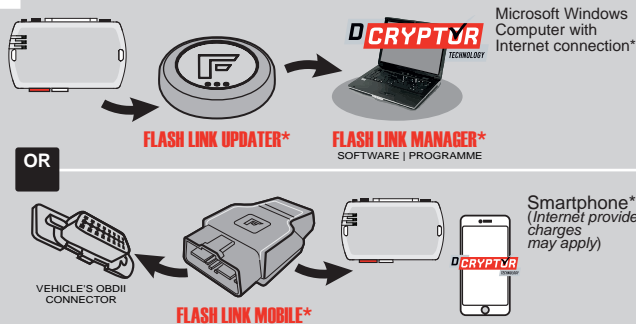
Tournez position Arrêt (OFF).

12



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

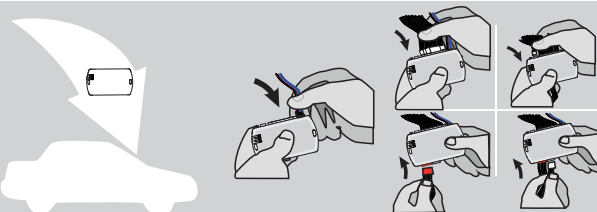
13



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

\*Parts required (not included)

14



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



The module is now flash programmed.





REMOTE STARTER / ALARM VERIFICATION PROCEDURE





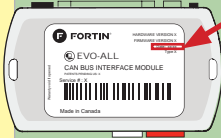
Test the remote starter. Remote start the vehicle.

# THAR-GM1V2 THARNNESS INSTALLATION

## ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)															
		Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Trunk (open)	RAP Disable	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	PK3, Passlock	OEM remote Monitoring**
																	
<b>CHEVROLET</b>																	
Cruze	Flip-key 2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

	HARDWARE VERSION	FIRMWARE VERSION	To add the firmware version and the options, use the <b>FLASH LINK UPDATER</b> or <b>FLASH LINK MOBILE</b> tool, sold separately.
	MINIMUM <b>6</b>	<b>70.[39]</b> GM MINIMUM	

	Program bypass option <b>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</b>	UNIT OPTION	DESCRIPTION
		<b>A11</b>	<b>OFF</b>
	Program bypass option <b>(If equipped with OEM alarm):</b>	UNIT OPTION	DESCRIPTION
		<b>D2</b>	Unlock before / Lock after (Disarm OEM alarm)
	Program bypass option:	UNIT OPTION	DESCRIPTION
		<b>C1</b>	OEM Remote status (Lock/Unlock) monitoring
	<b>ATTENTION!</b>		DATE: XX-XX
			<b>E5</b>
			<b>ON</b>
			<b>SPECIAL FUNCTIONS: BY DEFAULT DEACTIVATED</b>
			<b>MANUFACTURED MODULES BETWEEN: 04/2018 TO 04/2019</b>

### 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

NOTE

\*OEM Remote monitoring



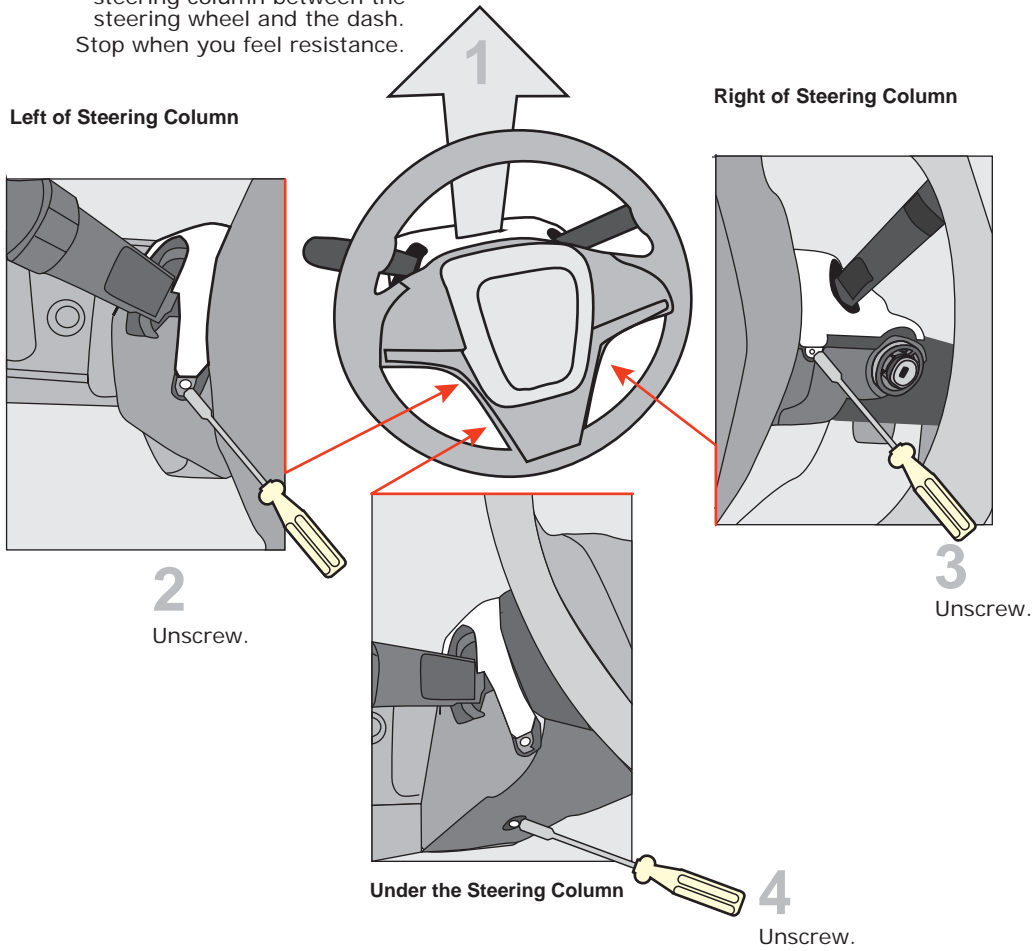
The vehicles OEM remote will not be operable during remote start.



Parts required (Not included)

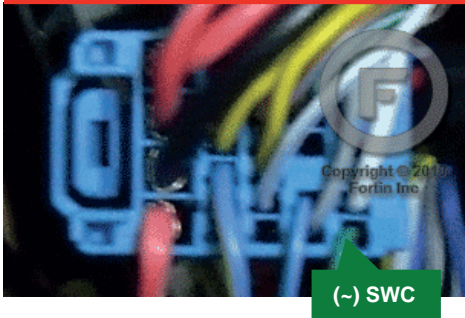
1x THAR-GM1 V2

Gently pull up the top of the steering column between the steering wheel and the dash. Stop when you feel resistance.



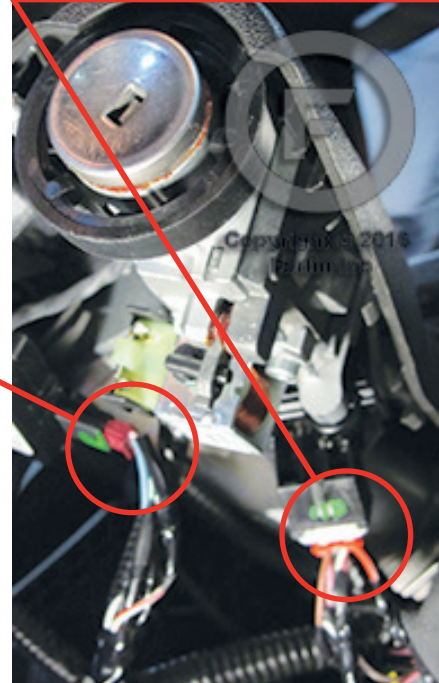
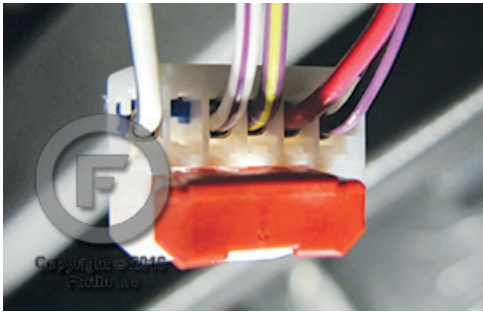
DESCRIPTION

③ BCM - Above Driver's kick panel

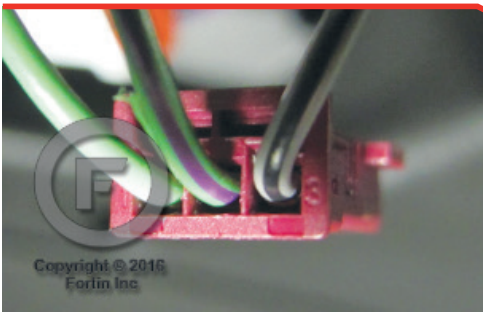


① Ignition Connector

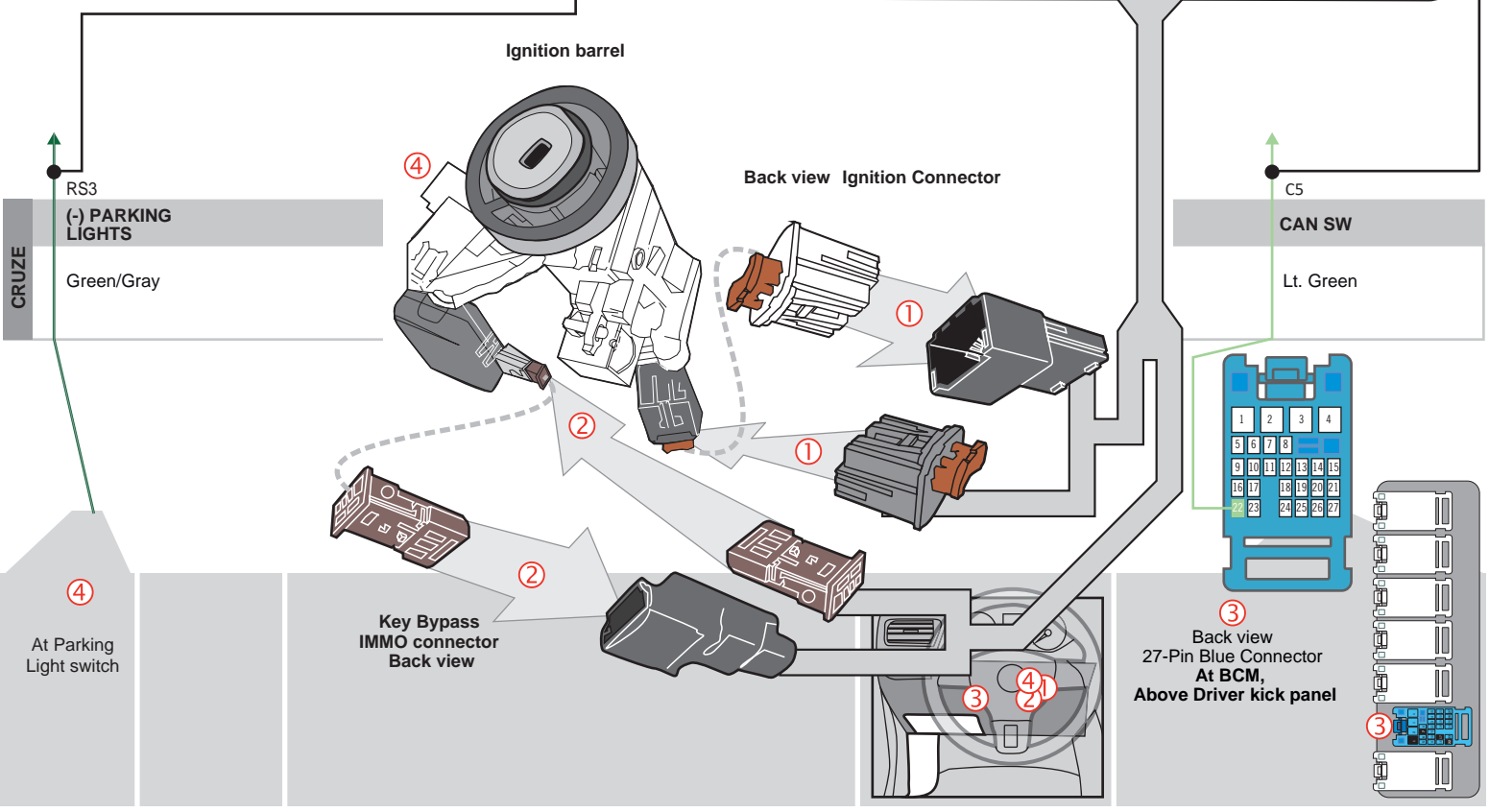
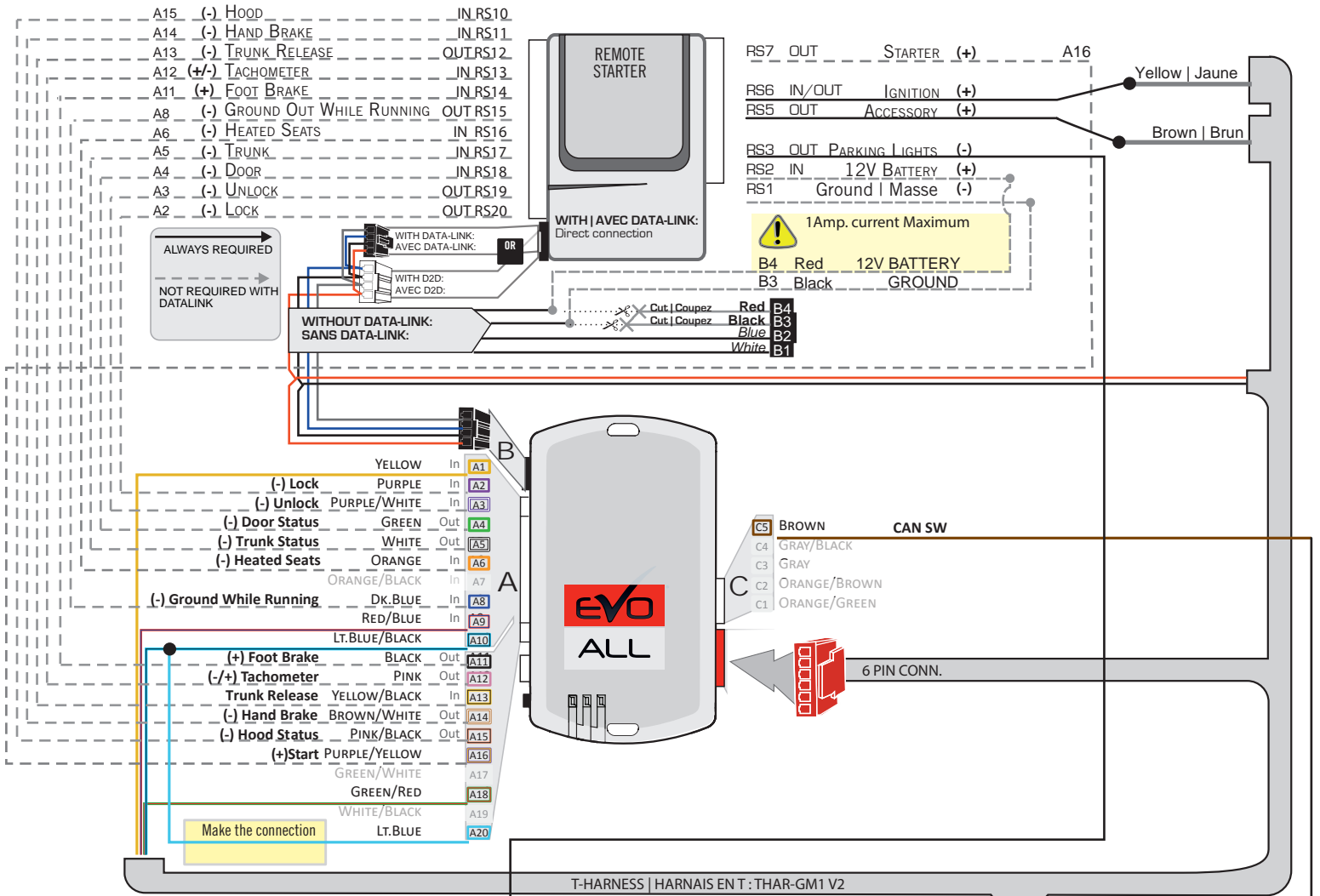
Ignition barrel



② IMMO connector



WIRING CONNECTION



**DCRYPTOR PROGRAMMING PROCEDURE**



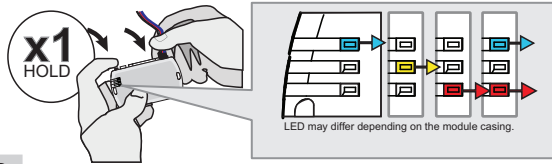
Parts required (not included)

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

OR

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

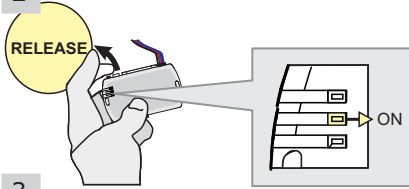
1



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

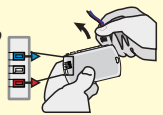
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

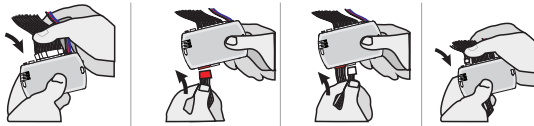


**Release** the programming button when the LED is **YELLOW**.

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

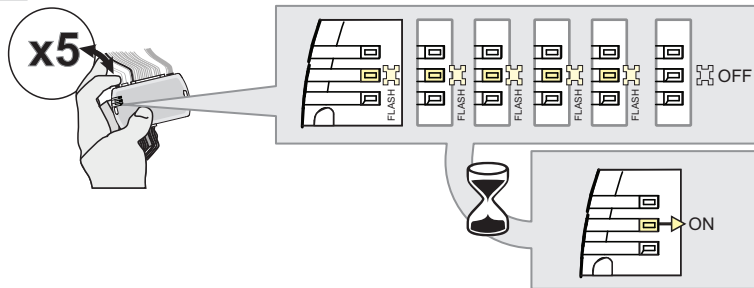


3



**Insert** the required remaining connectors.

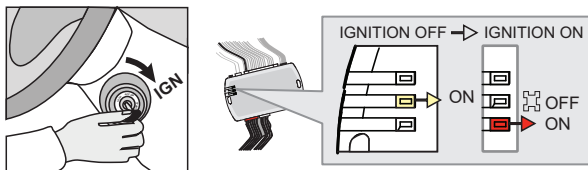
4



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

↳ The YELLOW LED will alternate between 5x flashes and a pause.  
↳ Wait until the YELLOW LED turns ON.

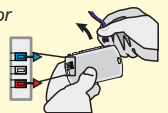
5



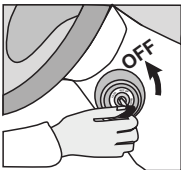
**Turn** the key to the Ignition ON/RUN position.

↳ The RED LED will turn ON.  
↳ The YELLOW LED turns OFF.

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

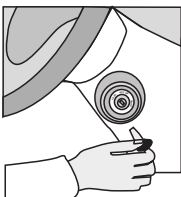


6



**Turn** the key to the OFF position.

7



**Remove** the key from the Ignition barrel.

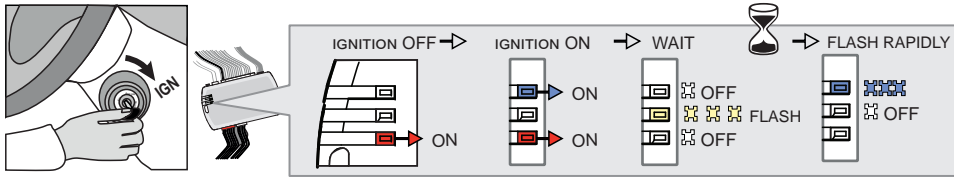
KEY BYPASS PROGRAMMING PROCEDURE 2/2 |

8



Wait 5 seconds.

9

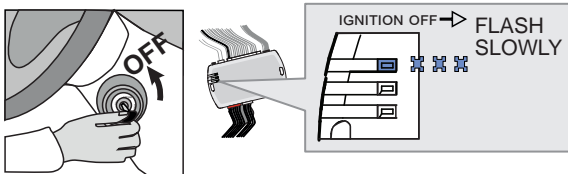


If the LEDs do not react as shown, disconnect the 4-Pin connector (Data-Link) and go back to step 1.

Turn the Ignition to the ON position.

- ↳ The BLUE LED will turn ON.
- ↳ Wait, the BLUE & RED LED will turn OFF.
- ↳ Wait, the YELLOW LED will Flash.
- ↳ Wait, the YELLOW LED will turn OFF.
- ↳ Wait, the BLUE LED will Flash rapidly.

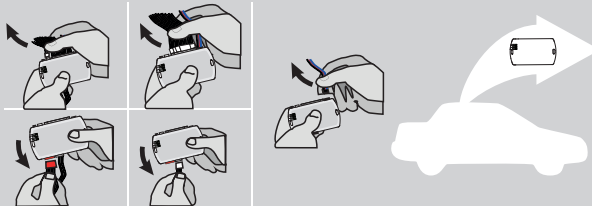
10



Turn the key to the OFF position.

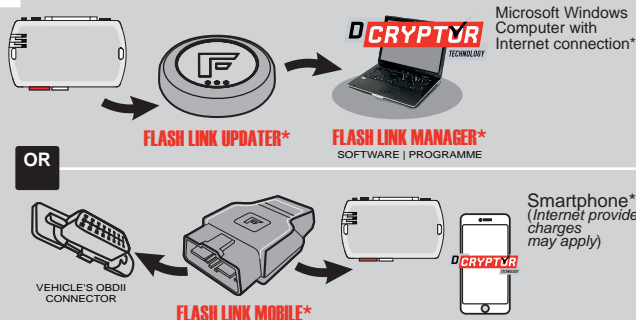
↳ the BLUE LED flash slowly.

11



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

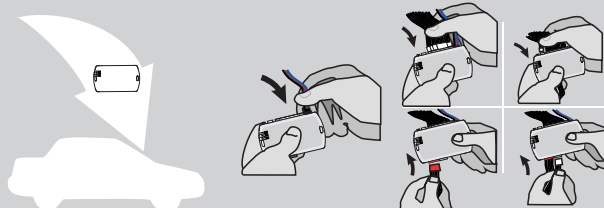
12



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

\*Parts required (not included)

13



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



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE |

Test the remote starter. Remote start the vehicle.

# THAR-GM1V2 THARNNESS INSTALLATION

## ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)															
		Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Trunk (open)	RAP Disable	Tachometer	Door Status	Trunk Status	Hood Status	Hand-Brake Status	Foot-Brake Status	PK3, Passlock	OEM Remote monitoring*
<b>BUICK</b>																	
Encore	2013-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
LaCrosse	2010-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Regal	2010-2018	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Verano	2012-2017	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>CHEVROLET</b>																	
Camaro	2010-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cruze	2011-2018	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Equinox	2010-2017	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Impala	2014-2018	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malibu	2013-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Orlando	2011-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Sonic	2012-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spark	2016-2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Trax	2013-2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>GMC</b>																	
Terrain	2010-2017	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

**HARDWARE VERSION**

MINIMUM **6** **70.[38]**  
GM MINIMUM

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

		UNIT OPTION	DESCRIPTION
	<b>Program bypass option (If equipped with OEM alarm):</b>	<b>D2</b>	Unlock before / Lock after (Disarm OEM alarm)
	<b>Program bypass option:</b>	<b>C1</b>	OEM Remote status (Lock/Unlock) monitoring

**ATTENTION!**

DATE: XX-XX

E5

OFF

ON

**SPECIAL FUNCTIONS:**  
**BY DEFAULT DEACTIVATED**

**MANUFACTURED MODULES BETWEEN: 04/2018 TO 04/2019**

**MANDATORY INSTALL**

**\*HOOD PIN**

**HOOD STATUS:** THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN.

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

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

DESCRIPTION

NOTE

\*OEM Remote monitoring



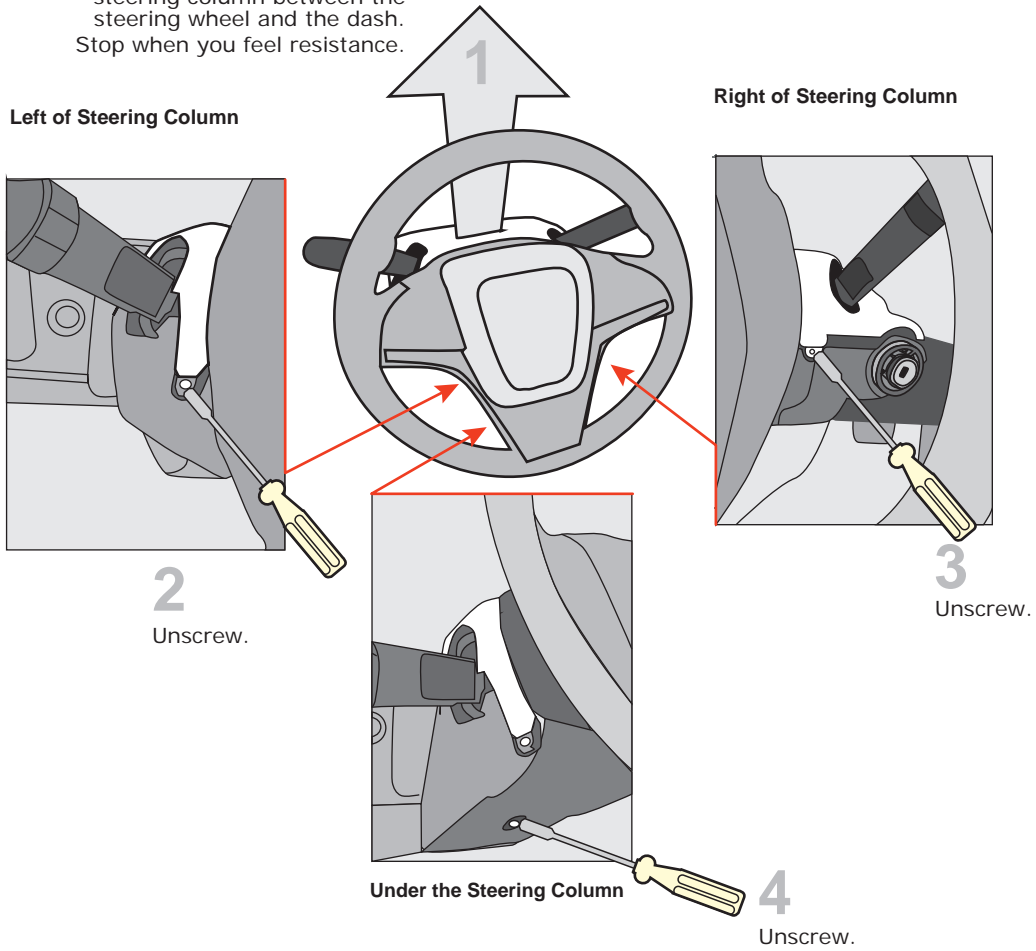
The vehicles OEM remote will not be operable during remote start.



Parts required (Not included)

1x THAR-GM1 V2

Gently pull up the top of the steering column between the steering wheel and the dash. Stop when you feel resistance.

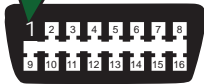




DESCRIPTION

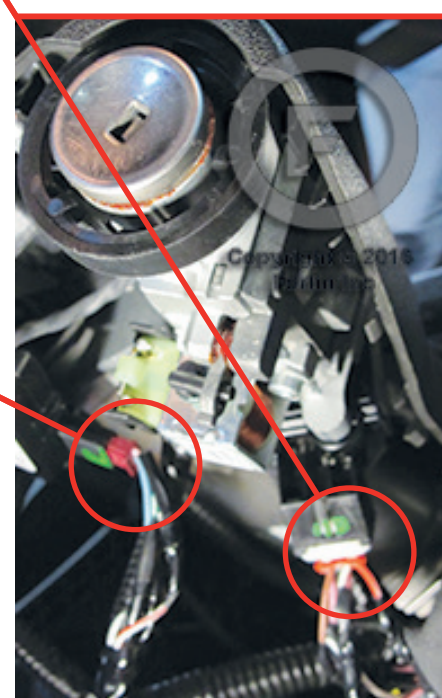
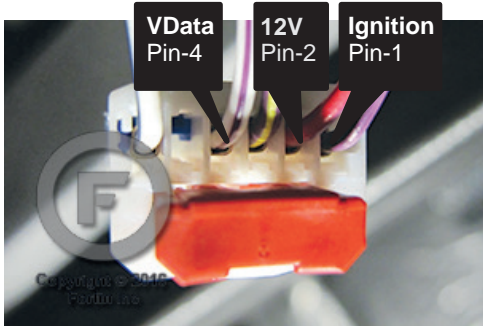
③ OBDII Front view

CAN SW Pin-1

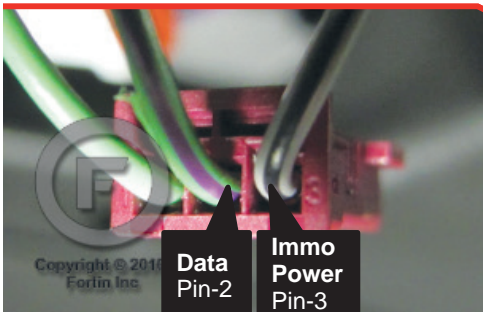


① Ignition Connector

Ignition barrel

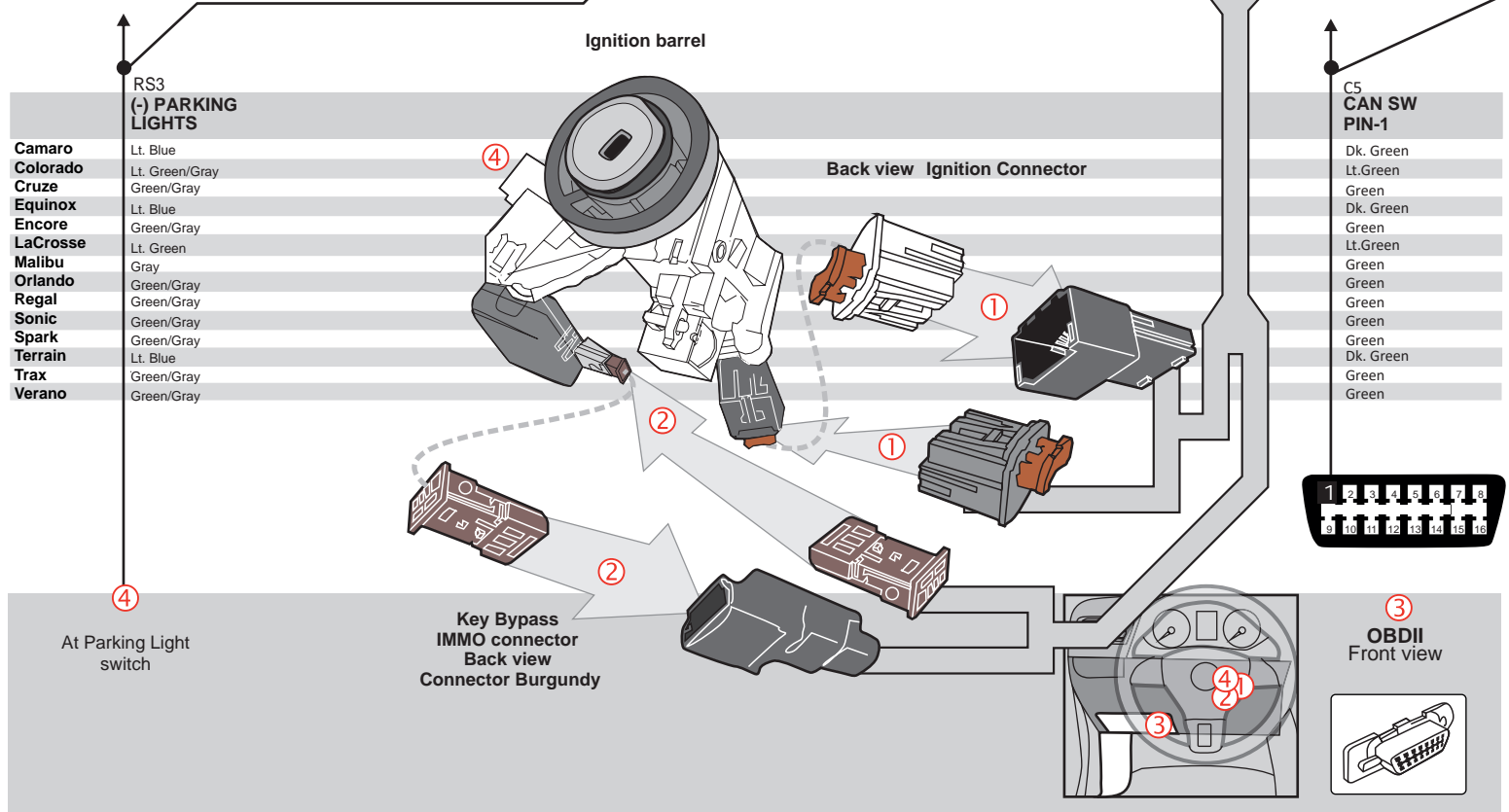
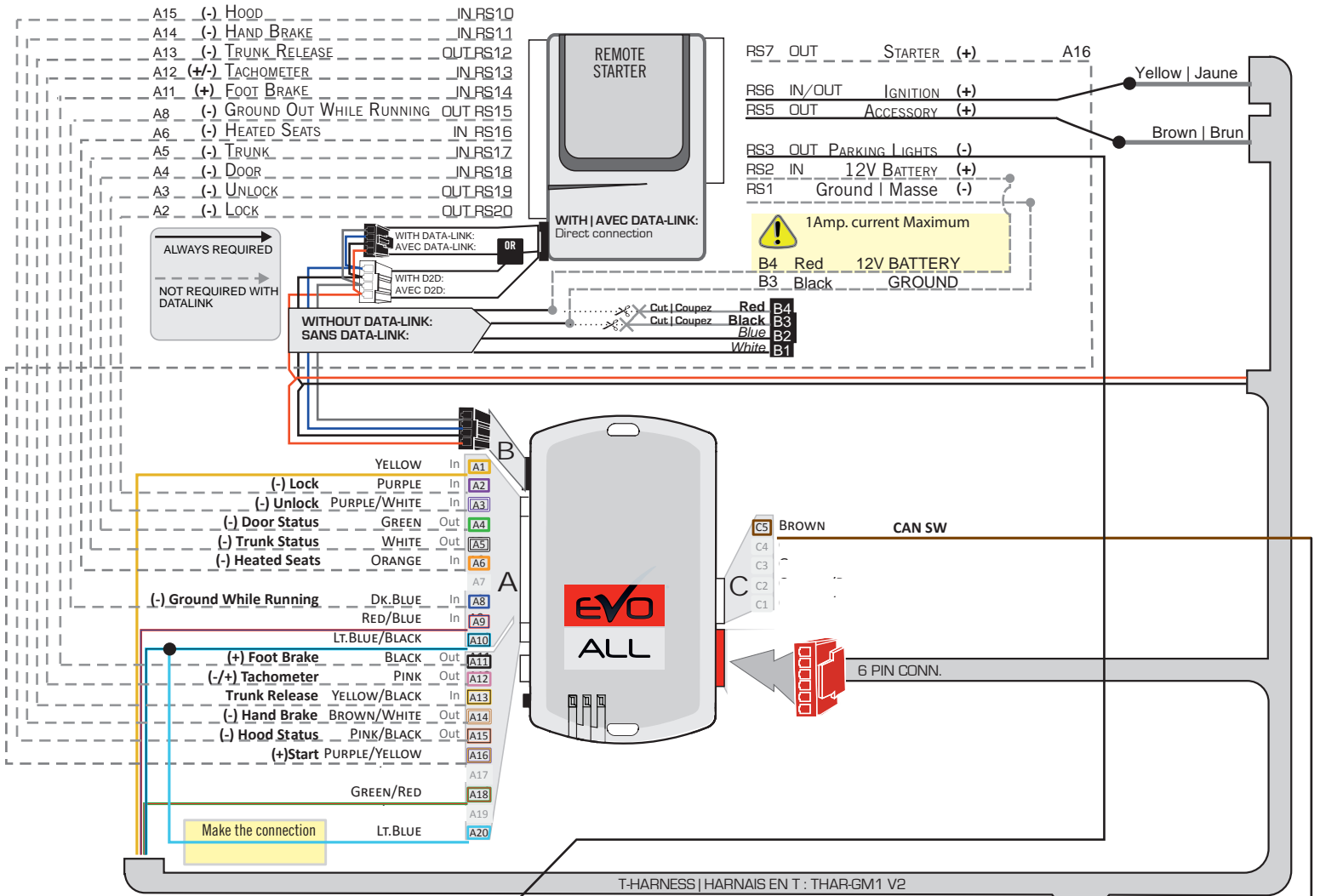


② IMMO connector





WIRING CONNECTION





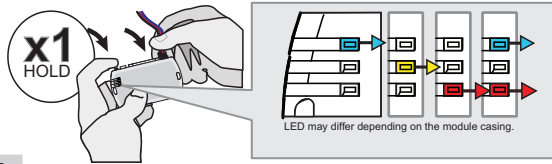
Parts required (not included)

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

OR

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

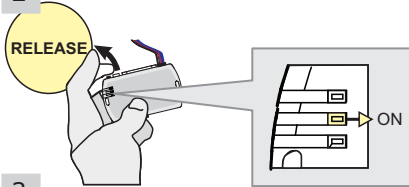
1



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

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

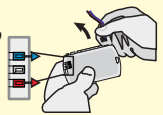
2



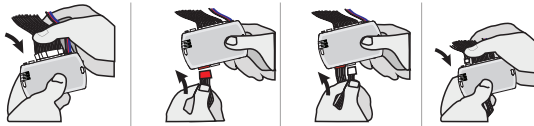
**Release** the programming button when the LED is **YELLOW**.

**Relâchez** le bouton de programmation quand la DEL est **JAUNE**.

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

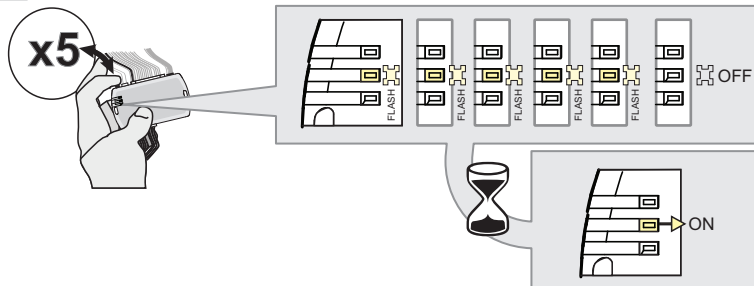


3



**Insert** the required remaining connectors.

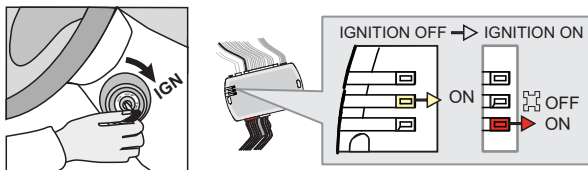
4



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

↳ The **YELLOW LED** will alternate between 5x flashes and a pause.  
↳ Wait until the **YELLOW LED** turns ON.

5



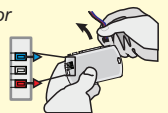
**Turn** the key to the Ignition ON/RUN position.

↳ The **RED LED** will turn ON.  
↳ The **YELLOW LED** turns OFF.

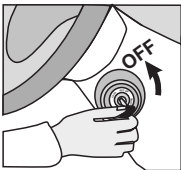
**Tournez** la clé à Ignition.

↳ La **DEL ROUGE** s'allume.  
↳ La **DEL JAUNE** s'éteint.

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

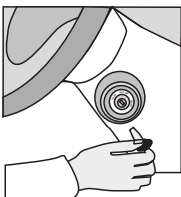


6



**Turn** the key to the OFF position.

7



**Remove** the key from the Ignition barrel.

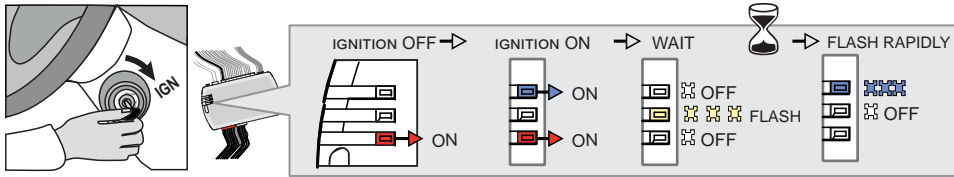
KEY BYPASS PROGRAMMING PROCEDURE 2/2 |

8



Wait 5 seconds.

9



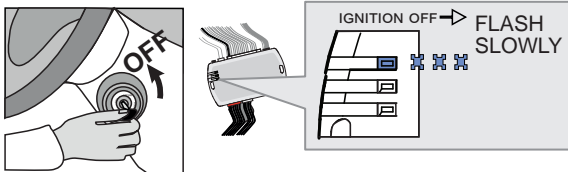
If the LEDs do not react as shown, disconnect the 4-Pin connector (Data-Link) and go back to step 1.

le connec

Turn the Ignition to the ON position.

- ↳ The BLUE LED will turn ON.
- ↳ Wait, the BLUE & RED LED will turn OFF.
- ↳ Wait, the YELLOW LED will Flash.
- ↳ Wait, the YELLOW LED will turn OFF.
- ↳ Wait, the BLUE LED will Flash rapidly.

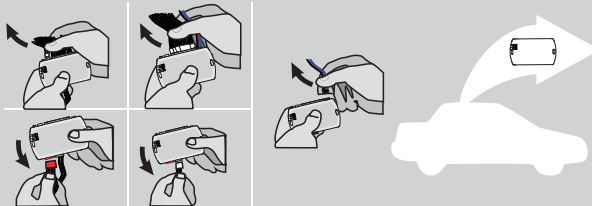
10



Turn the key to the OFF position.

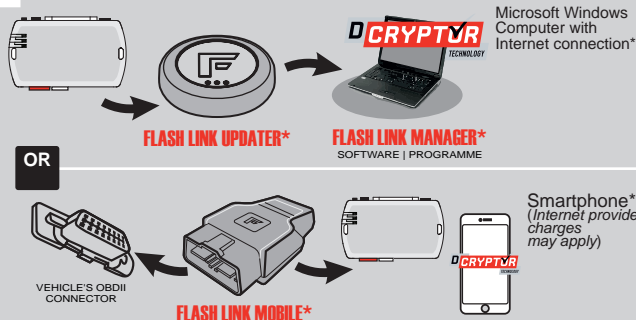
↳ the BLUE LED flash slowly.

11



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

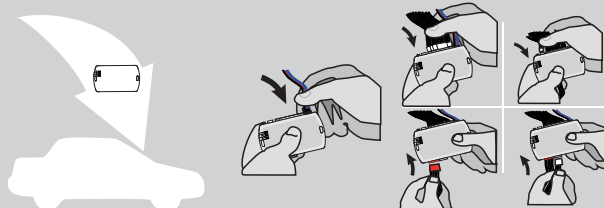
12



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

\*Parts required (not included)

13



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



The module is now programmed.




REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

# THAR-GM1 V2 THARNNESS INSTALLATION INSTALLATION HARNAIS

ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)															
		Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Trunk (open)	RAP Disable	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	PK3, Passlock	OEM remote Monitoring**
CHEVROLET																	
Spark	Key 2020-2021	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



FIRMWARE VERSION


## 70.[45]

GM MINIMUM

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



The vehicles *Flip-key* remote will not be functional during remote start.



**Parts required (Not included)**


- 1X 1 Amp Diode
- 1X Compatible DATA-LINK remote starter
- 1X 180 Ohm resistor (Manual transmission)

**NOTE**

**FOR DOORLOCK CONTROL:** the remote-starter must ne compatible.

**MANDATORY INSTALL**

\*HOOD PIN





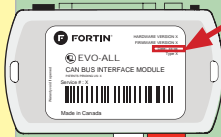
**HOOD STATUS:** THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

**A11** OFF

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

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

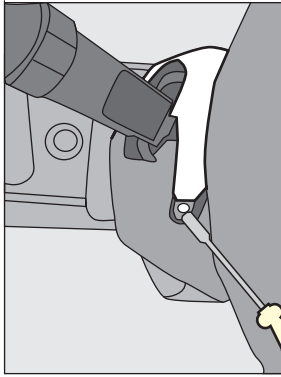
NOTES

		UNIT OPTION	DESCRIPTION
	<b>Program bypass option:</b>	<b>C1</b>	OEM Remote status (Lock/Unlock) monitoring
<b>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</b>		<b>A11</b>	<input type="checkbox"/> OFF Hood trigger (Output Status).
<b>Program bypass option (If equipped with OEM alarm):</b>		<b>D2</b>	Unlock before / Lock after (Disarm OEM alarm)
 <b>ATTENTION!</b>	 DATE: XX-XX	<input type="checkbox"/> OFF	<b>SPECIAL FUNCTIONS: BY DEFAULT DEACTIVATED</b>
		<input type="checkbox"/> ON	<b>MANUFACTURED MODULES BETWEEN: 04/2018 TO 04/2019</b>

**DESCRIPTION**

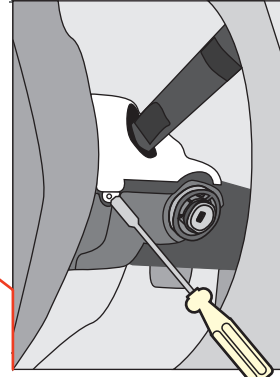
Gently pull up the top of the steering column between the steering wheel and the dash. Stop when you feel resistance.

**Left of Steering Column**

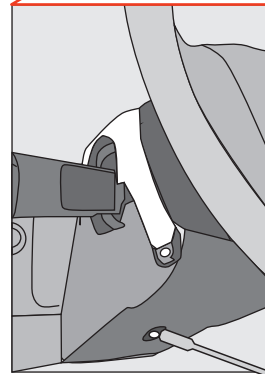


**2**  
Unscrew.

**Right of Steering Column**

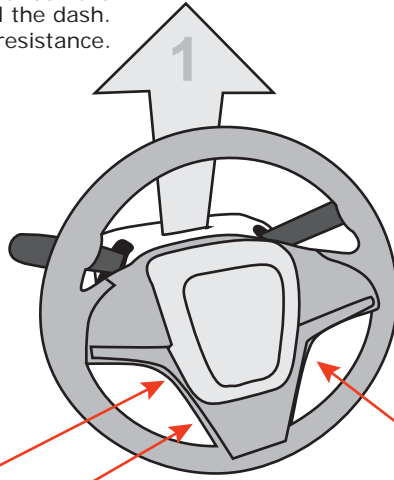


**3**  
Unscrew.



**Under the Steering Column**

**4**  
Unscrew.

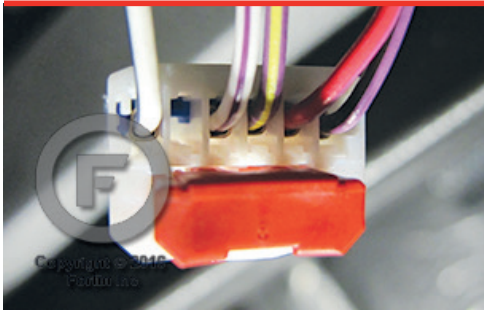


DESCRIPTION

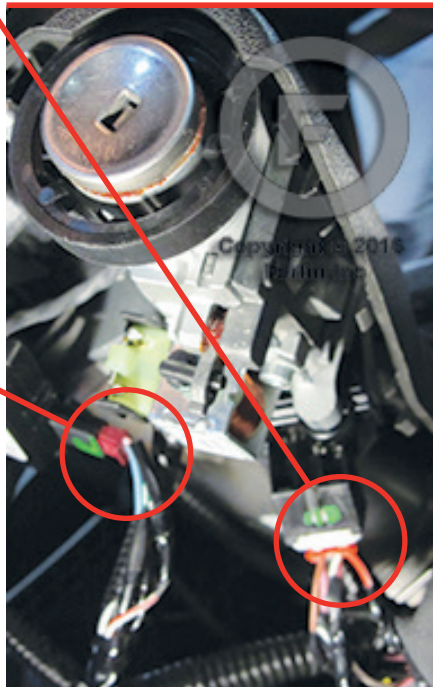
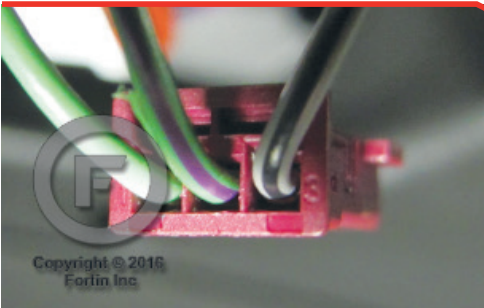


① Ignition Connector

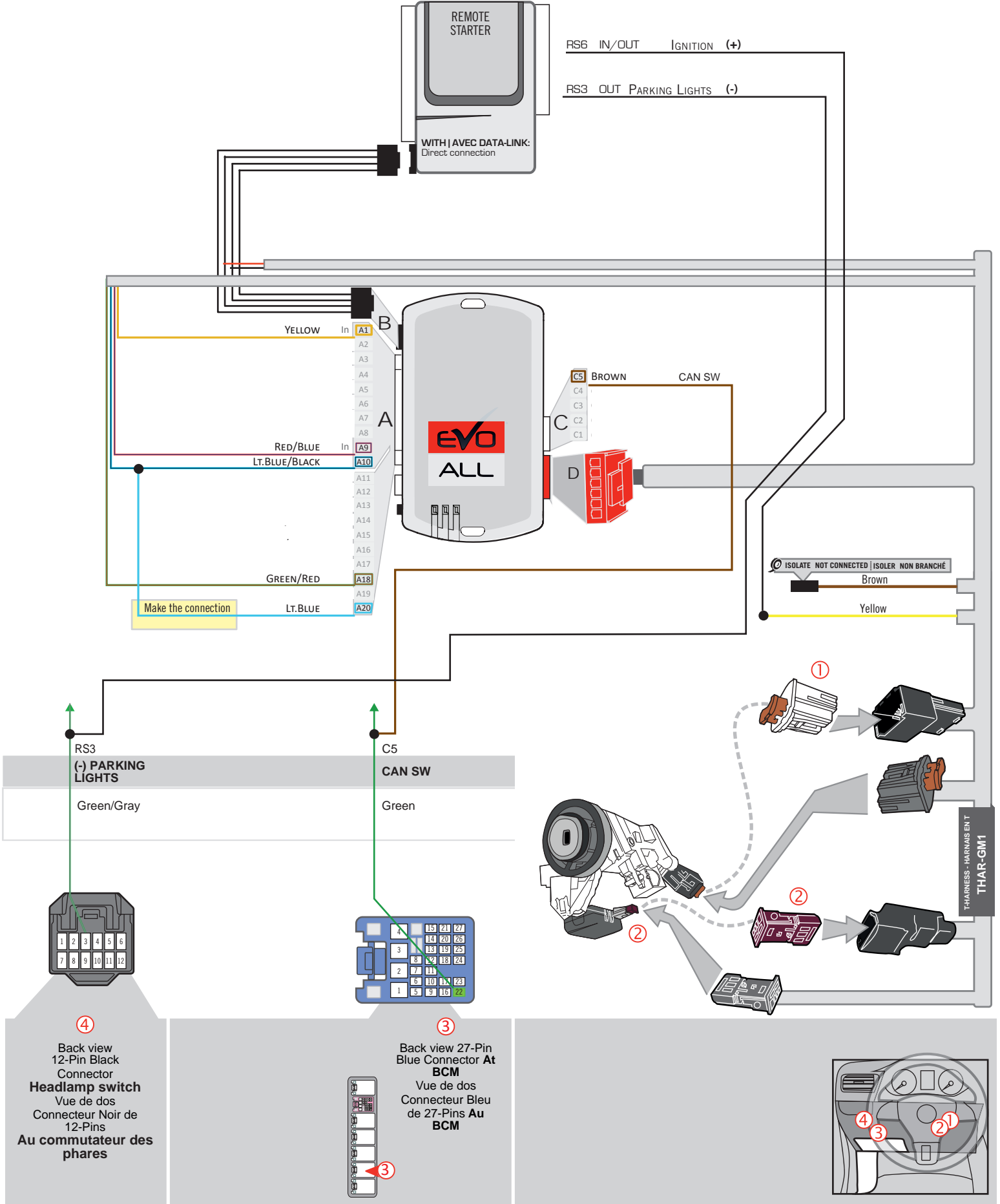
Ignition barrel



② IMMO connector

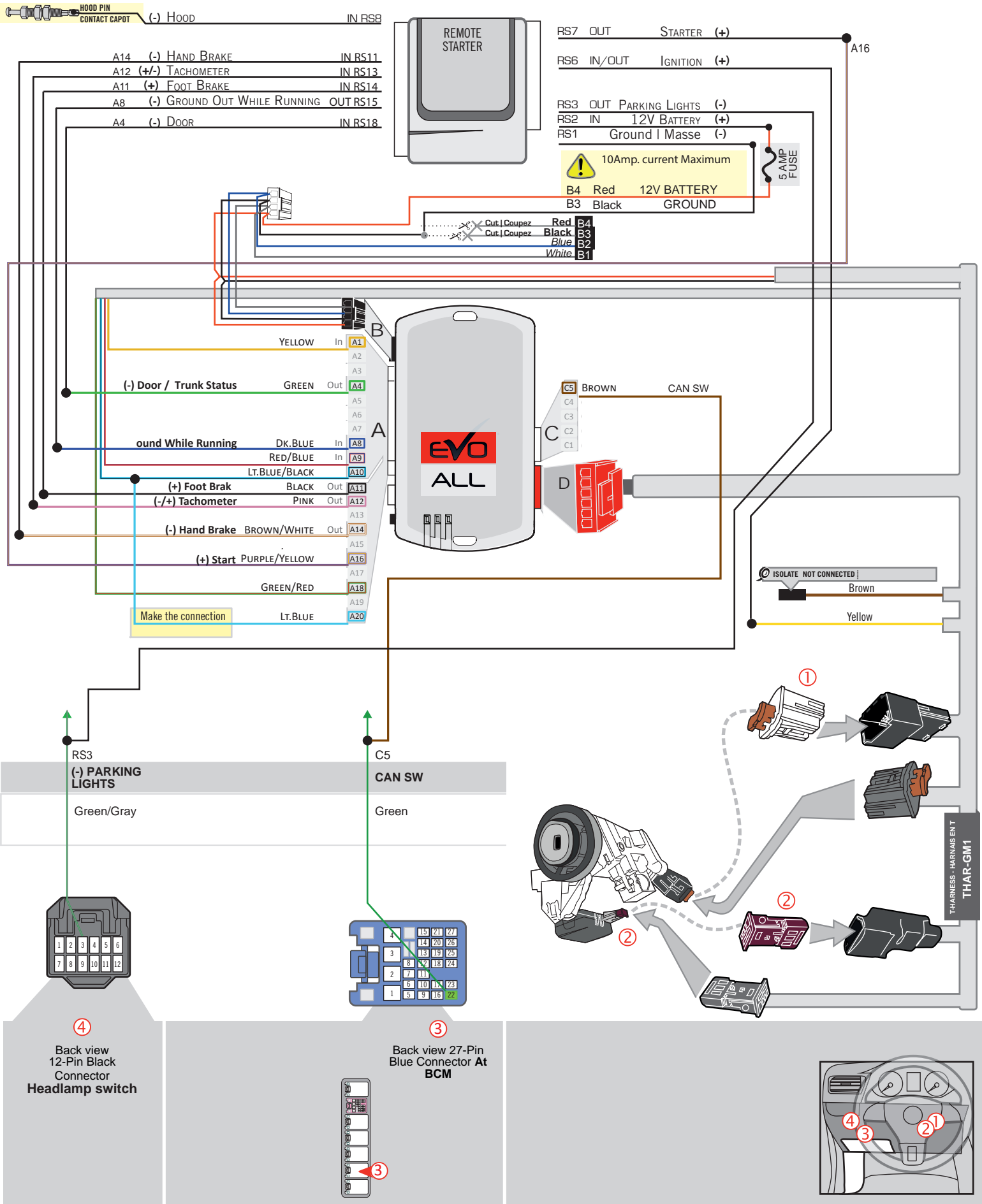


WIRING CONNECTION WITH DATA-LINK





WIRING CONNECTION WITHOUT DATA-LINK





Parts required (not included)

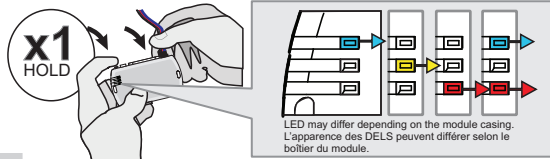
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**  
SOFTWARE
- 1x Microsoft Windows Computer with Internet connection

OR

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

**BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.**

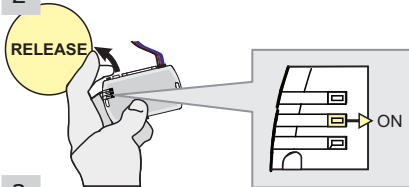
1



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

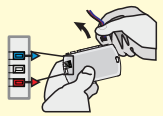
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

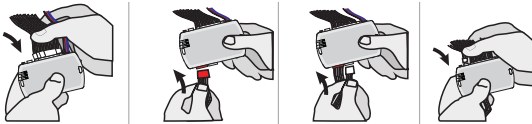


**Release** the programming button when the LED is **YELLOW**.

**Relâchez** le bouton de programmation quand la DEL est **JAUNE**.

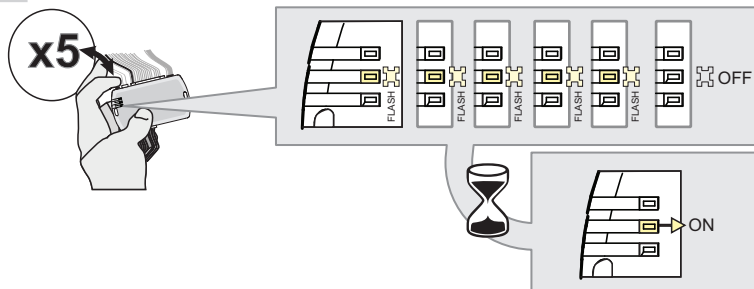


3



**Insert** the required remaining connectors.

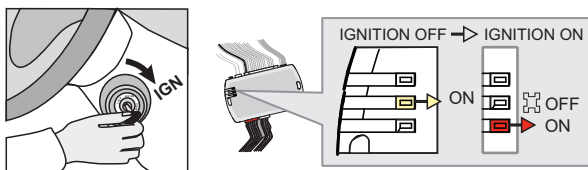
4



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

↳ The **YELLOW** LED will alternate between 5x flashes and a pause.  
↳ Wait until the **YELLOW** LED turns ON.

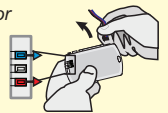
5



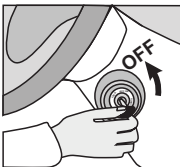
**Turn** the key to the Ignition ON/RUN position.

↳ The **RED** LED will turn ON.  
↳ The **YELLOW** LED turns OFF.

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

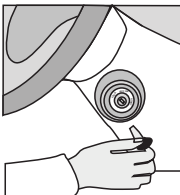


6



**Turn** the key to the OFF position.

7



**Remove** the key from the Ignition barrel.

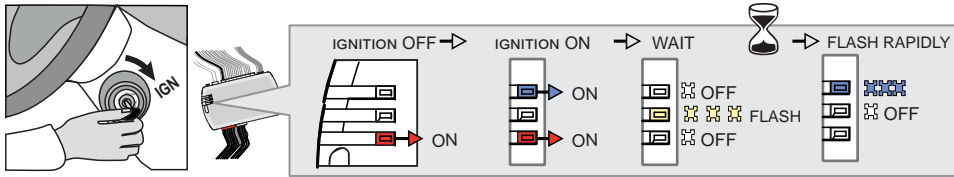
KEY BYPASS PROGRAMMING PROCEDURE 2/2 |

8



Wait 5 seconds.

9

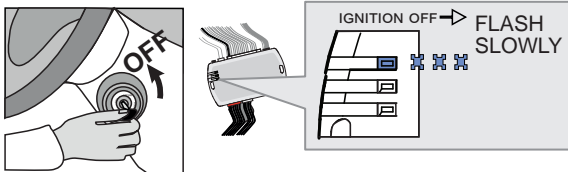


If the LEDs do not react as shown, disconnect the 4-Pin connector (Data-Link) and go back to step 1.

Turn the Ignition to the ON position.

- ↳ The BLUE LED will turn ON.
- ↳ Wait, the BLUE & RED LED will turn OFF.
- ↳ Wait, the YELLOW LED will Flash.
- ↳ Wait, the YELLOW LED will turn OFF.
- ↳ Wait, the BLUE LED will Flash rapidly.

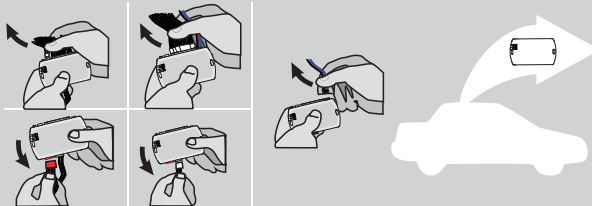
10



Turn the key to the OFF position.

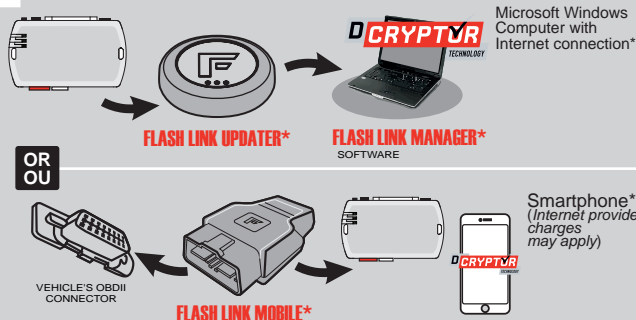
↳ the BLUE LED flash slowly.

11



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

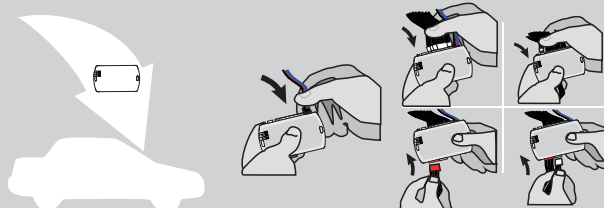
12



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

\*Parts required (not included)

13



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



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER FUNCTIONALITY |



All doors must be closed.



Remote start the vehicle.



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



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



Press the brake pedal.



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

**THAR-GM1V2 THARNNESS STANDALONE INSTALLATION**

ADDENDUM - SUGGESTED WIRING CONFIGURATION



**ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.**

Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Trunk (open)	RAP Disable	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	PK3, Passlock	OEM remote Monitoring**
<b>CHEVROLET</b>																	
Cruze	Flip-key 2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

**HARDWARE VERSION**      **FIRMWARE VERSION**

MINIMUM **6**                      **70.[39]**

GM MINIMUM

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

	Program bypass option <b>IF THE VEHICLE IS NOT EQUIPED WITH FUNCTIONAL HOOD PIN:</b>	UNIT OPTION	DESCRIPTION
		<b>A11</b>	<input type="checkbox"/> OFF Hood trigger (Output Status).

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

**ATTENTION!**

DATE: XX-XX

**E5**

**SPECIAL FUNCTIONS:**  
**BY DEFAULT DEACTIVATED**

OFF

ON

**MANUFACTURED MODULES BETWEEN: 04/2018 TO 04/2019**

**NOTE**

\*OEM Remote monitoring **WARNING:** Once the vehicle is remote started the OEM remote will no longer function and will not be able to shut down the engine or unlock the vehicle. Optional RF Kit recommended.

**MANDATORY INSTALL**

\*HOOD PIN



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

**A11**

**OFF**

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

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

**PARTS REQUIRED (NOT INCLUDED)**

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

OR

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

**MANDATORY**

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH


Part #: RSPB available, Sold separately.

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


**STAND ALONE CONFIGURATION**

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


**REMOTE STARTER FUNCTIONALITY**



All doors must be closed.

**3X** 

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




**START**

The vehicle will START.

**REMOTE STARTER DIAGNOSTICS**  
MODULE RED LED

<b>x2 flash :</b>	Brake ON
<b>x3 flash :</b>	No tach
<b>x4 flash :</b>	Ignition before start
<b>x5 flash :</b>	Hood Open

**REMOTE STARTER WARNING CARD**



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

**WARNING | ATTENTION**

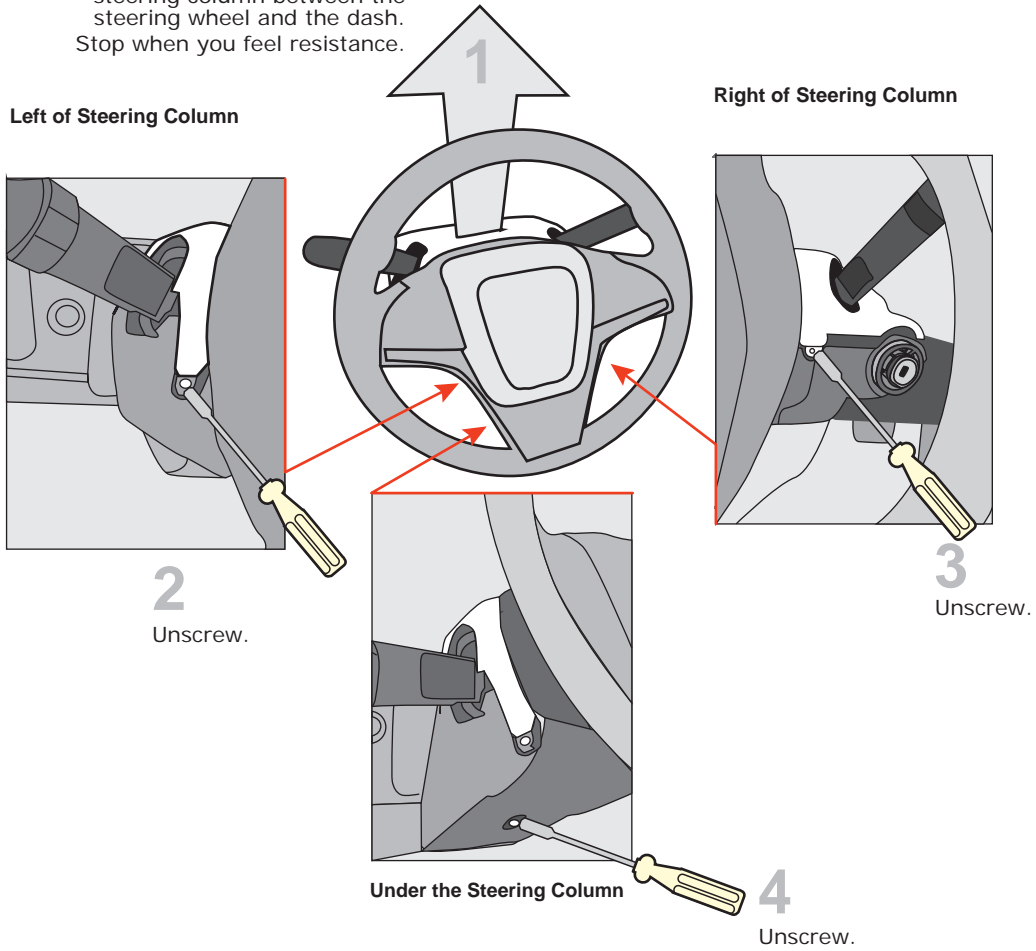


REMOTE STARTER

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

DESCRIPTION

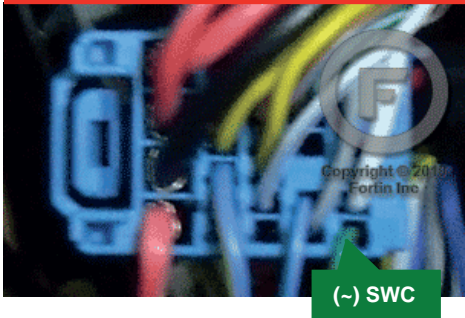
Gently pull up the top of the steering column between the steering wheel and the dash. Stop when you feel resistance.



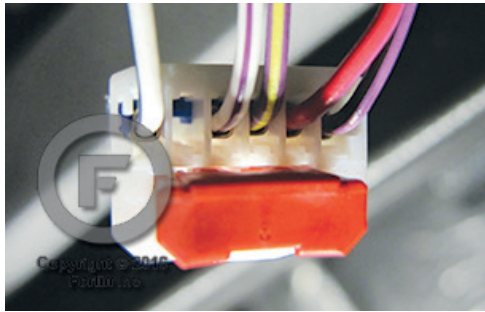


DESCRIPTION

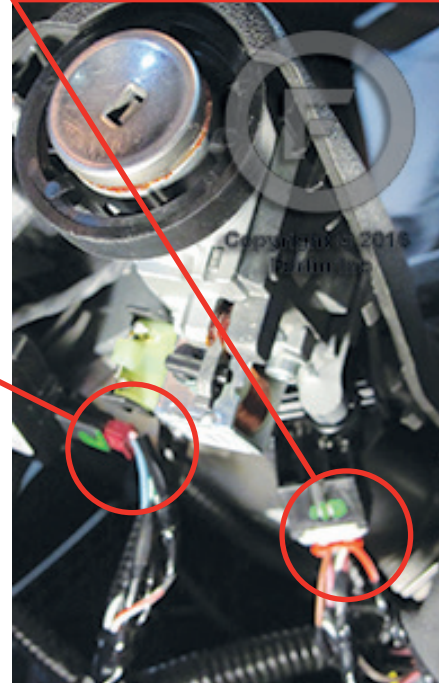
③ BCM - Above Driver's kick panel



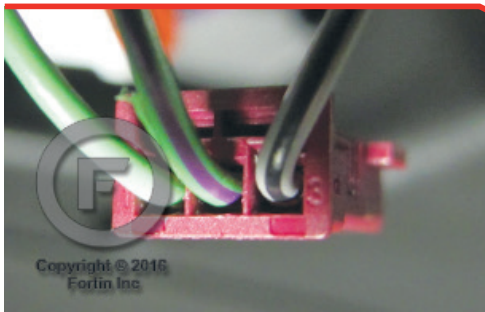
① Ignition Connector



Ignition barrel

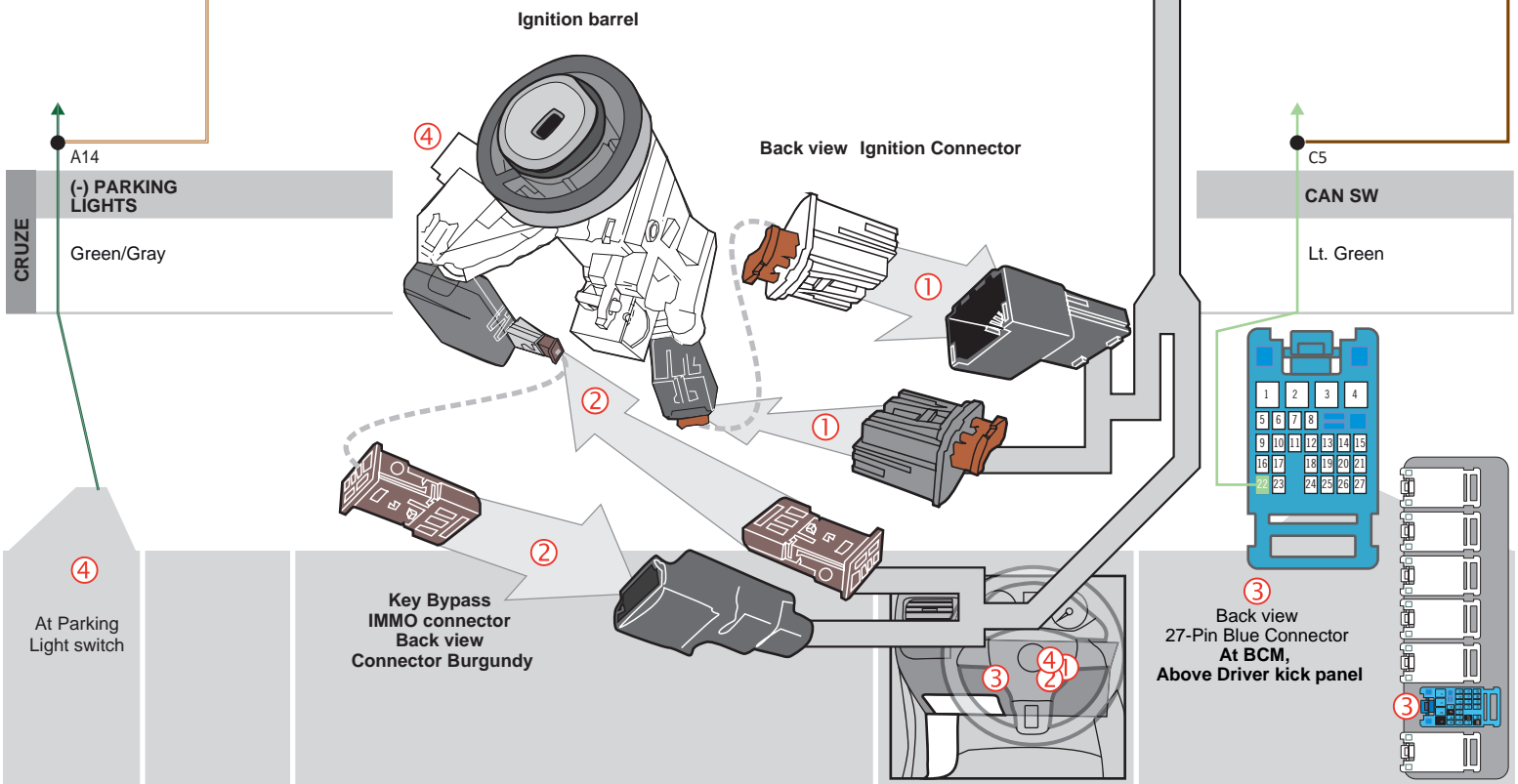
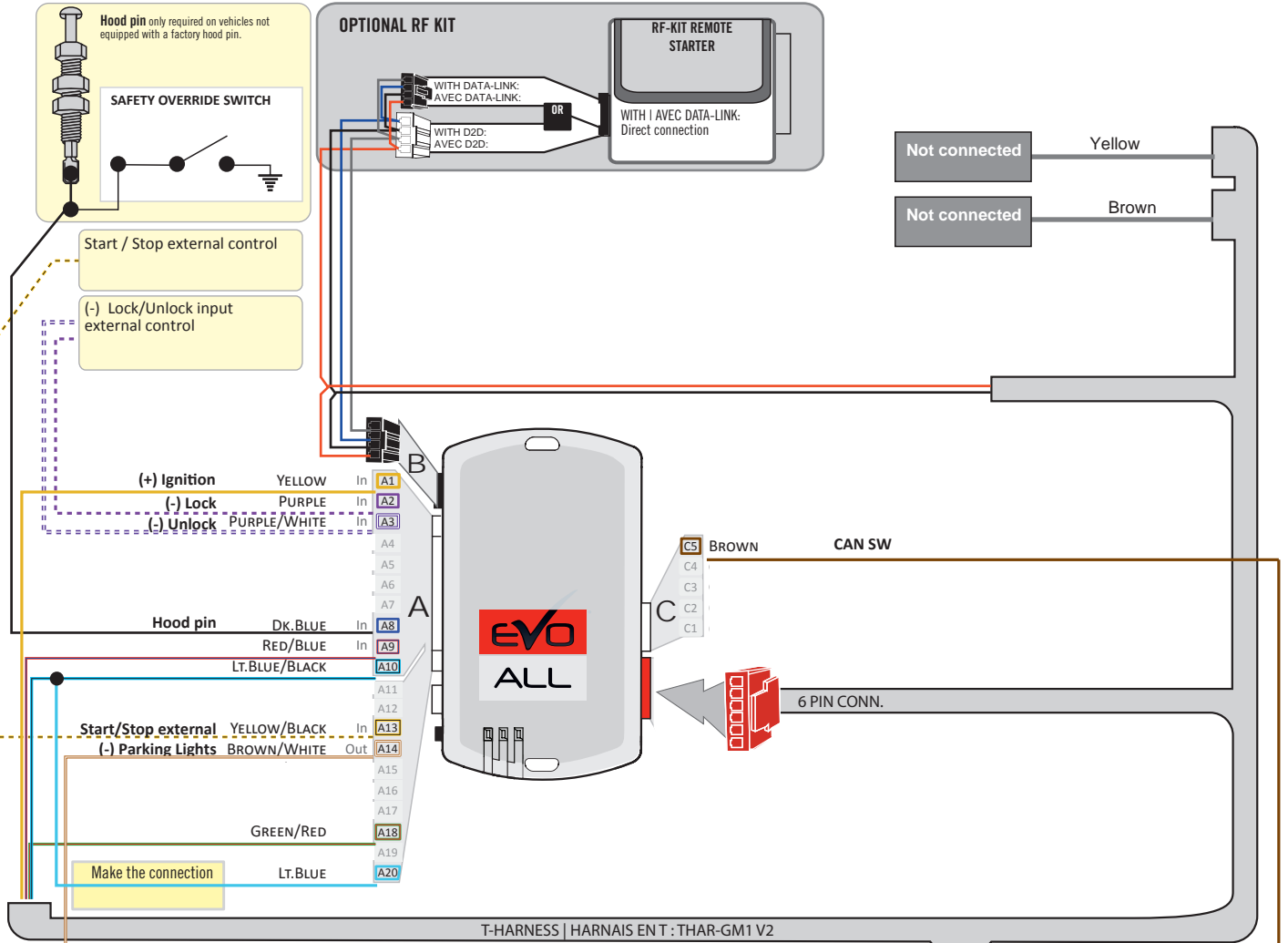


② IMMO connector





**AUTOMATIC TRANSMISSION WIRING CONNECTION**



**DCRYPTOR PROGRAMMING PROCEDURE |**



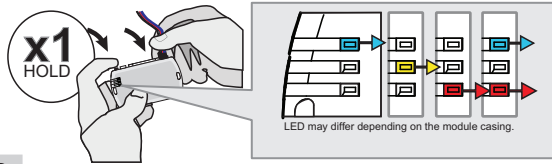
Parts required (not included)

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

OR  
OU

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

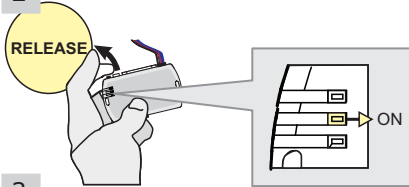
1



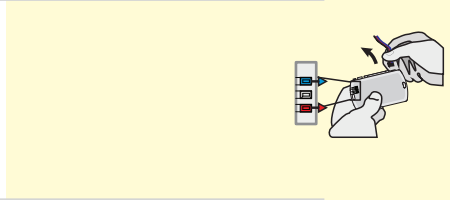
**Press and hold** the programming button:  
**Connect** the 4-PIN Data-link harness (Black connector).

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

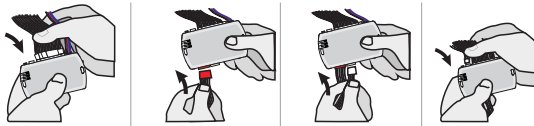
2



**Release** the programming button when the LED is **YELLOW**.

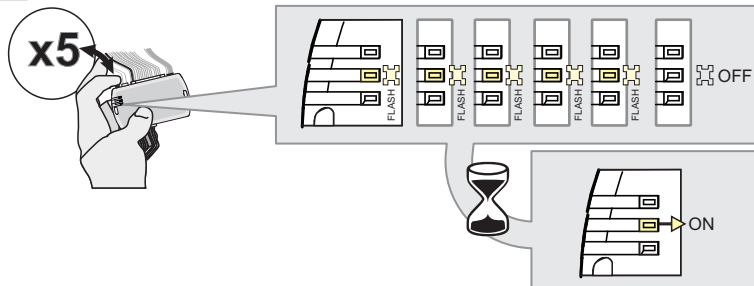


3



**Insert** the required remaining connectors.

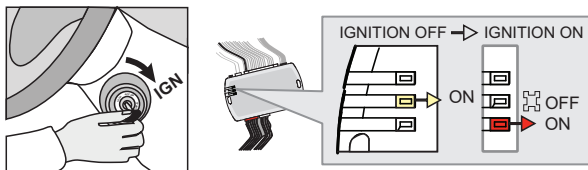
4



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

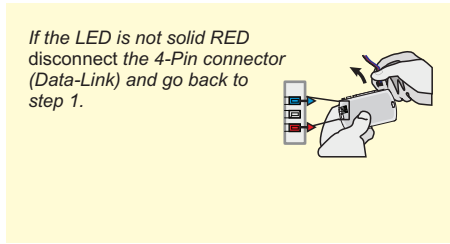
↳ The **YELLOW** LED will alternate between 5x flashes and a pause.  
↳ Wait until the **YELLOW** LED turns ON.

5

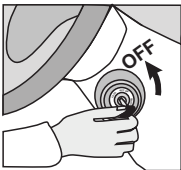


**Turn** the key to the Ignition ON/RUN position.

↳ The **RED** LED will turn ON.  
↳ The **YELLOW** LED turns OFF.

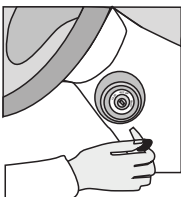


6



**Turn** the key to the OFF position.

7



**Remove** the key from the Ignition barrel.

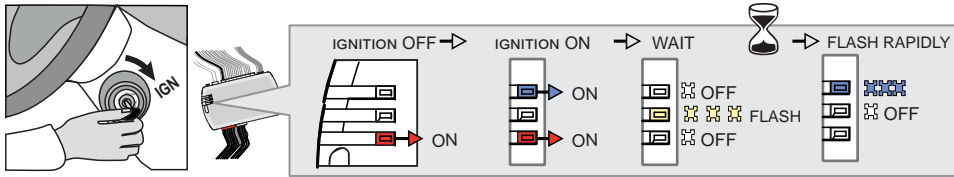
KEY BYPASS PROGRAMMING PROCEDURE 2/2 |

8



Wait 5 seconds.

9

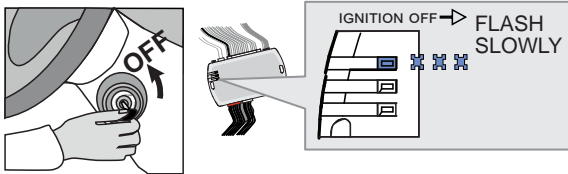


If the LEDs do not react as shown, disconnect the 4-Pin connector (Data-Link) and go back to step 1.

Turn the Ignition to the ON position.

- ↳ The BLUE LED will turn ON.
- ↳ Wait, the BLUE & RED LED will turn OFF.
- ↳ Wait, the YELLOW LED will Flash.
- ↳ Wait, the YELLOW LED will turn OFF.
- ↳ Wait, the BLUE LED will Flash rapidly.

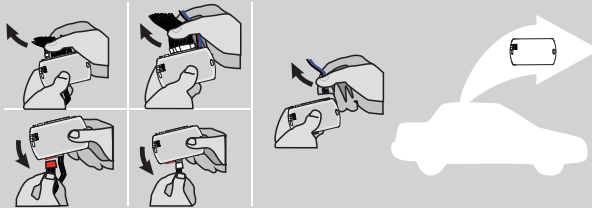
10



Turn the key to the OFF position.

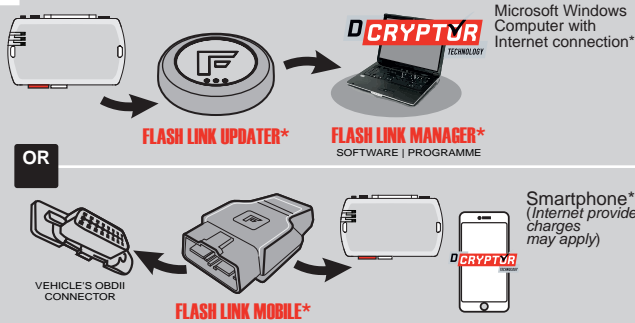
↳ the BLUE LED flash slowly.

11



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

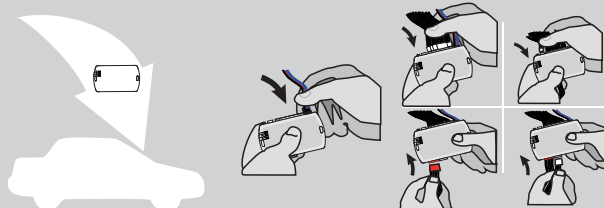
12



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

\*Parts required (not included)

13



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



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE |


Test the remote starter. Remote start the vehicle.

**THAR-GM1V2 THARNNESS STANDALONE INSTALLATION**

ADDENDUM - SUGGESTED WIRING CONFIGURATION


**ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.**

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)															
		Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Trunk (open)	RAP Disable	Tachometer	Door Status	Trunk Status	Hood Status	Hand-Brake Status	Foot-Brake Status	PK3, Passlock	OEM Remote monitoring*
<b>BUICK</b>																	
Encore	2013-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
LaCrosse	2010-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Regal	2010-2018	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Verano	2012-2017	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>CHEVROLET</b>																	
Camaro	2010-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cruze	2011-2018	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Equinox	2010-2017	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Impala	2014-2018	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malibu	2013-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Orlando	2011-2015	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Sonic	2012-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spark	2016-2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Trax	2013-2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>GMC</b>																	
Terrain	2010-2017	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•





HARDWARE VERSION  
MINIMUM **6**

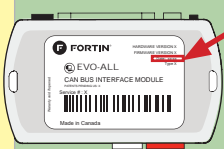
FIRMWARE VERSION

**70.[38]**

GM MINIMUM

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

	Program bypass option (If equipped with OEM alarm):	UNIT OPTION	DESCRIPTION
		<b>D2</b>	Unlock before / Lock after (Disarm OEM alarm)
	<b>ATTENTION!</b>	<b>E5</b>	<p><b>SPECIAL FUNCTIONS:</b> BY DEFAULT DEACTIVATED</p> <p><b>MANUFACTURED MODULES BETWEEN: 04/2018 TO 04/2019</b></p>



DATE: XX-XX

**NOTE**

\*OEM Remote monitoring



WARNING: Once the vehicle is remote started the OEM remote will no longer function and will not be able to shut down the engine or unlock the vehicle. Optional RF Kit recommended.

**MANDATORY INSTALL**

\*HOOD PIN



**HOOD STATUS:** THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN.

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

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

**PARTS REQUIRED (NOT INCLUDED)**


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

**OR**

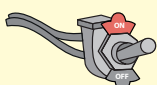
1x **FLASH LINK MOBILE**  
 1x **FLASH LINK MOBILE APP**  
 Smartphone *Android* or *iOS* with Internet connection (*provider charges may apply*).

**MANDATORY**

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH


Part #: RSPB available, Sold separately.

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


**STAND ALONE CONFIGURATION**

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


**REMOTE STARTER FUNCTIONALITY**



All doors must be closed.

**3X** 

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




The vehicle will START.

**REMOTE STARTER DIAGNOSTICS**  
MODULE RED LED

<b>x2 flash :</b>	Brake ON
<b>x3 flash :</b>	No tach
<b>x4 flash :</b>	Ignition before start
<b>x5 flash :</b>	Hood Open

**REMOTE STARTER WARNING CARD**



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

**WARNING | ATTENTION**

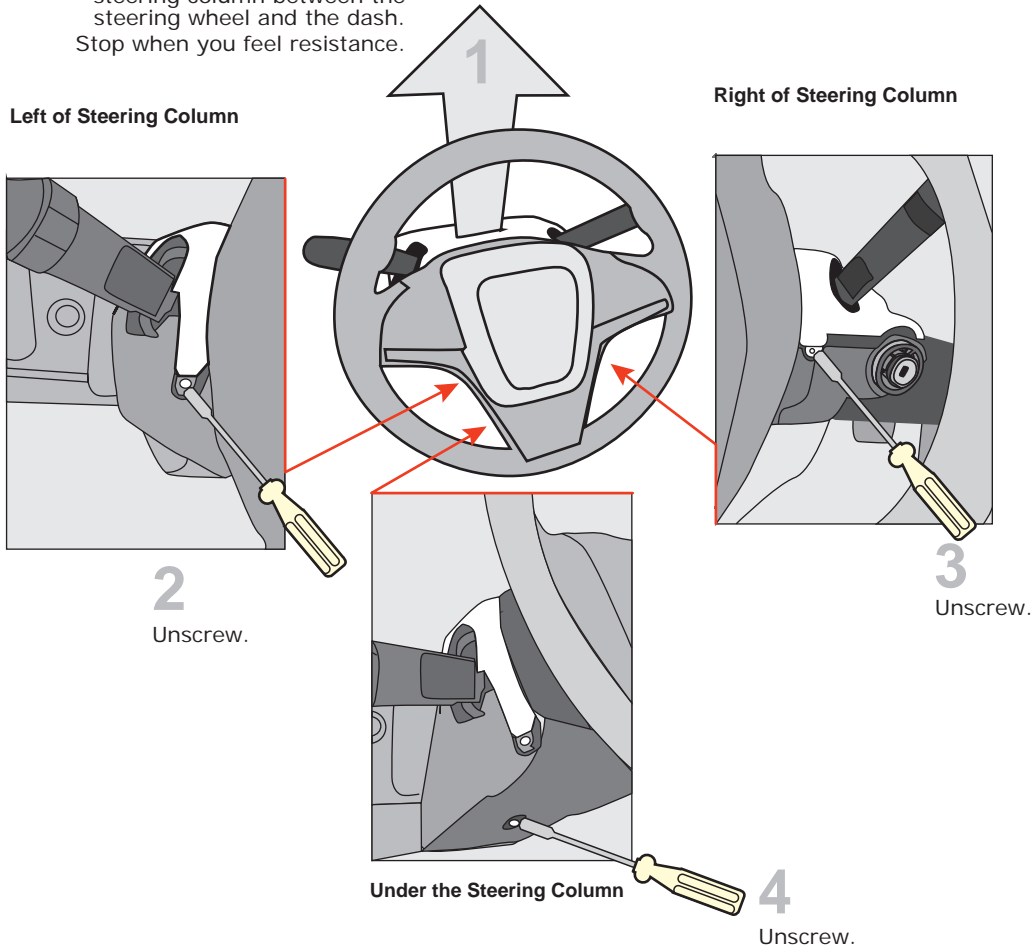


REMOTE STARTER

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

DESCRIPTION

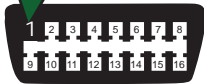
Gently pull up the top of the steering column between the steering wheel and the dash. Stop when you feel resistance.



DESCRIPTION

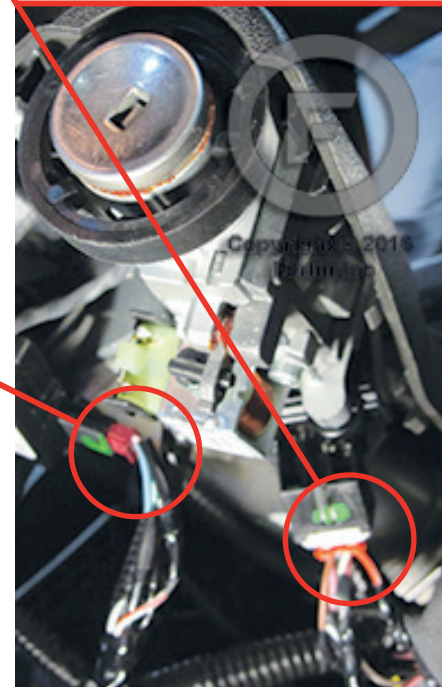
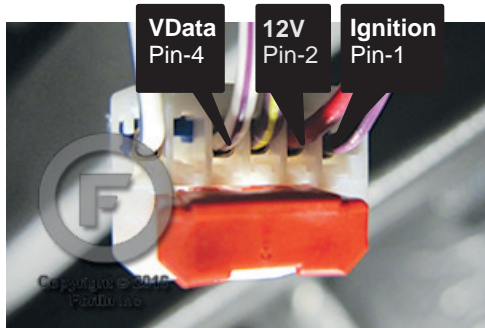
③ OBDII Front view

CAN SW Pin-1

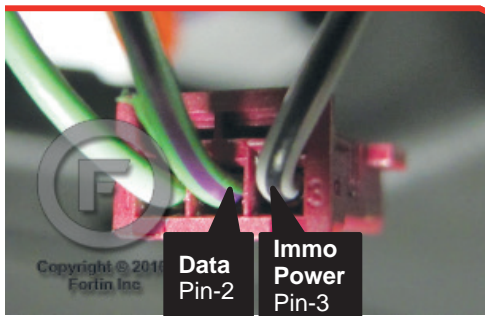


① Ignition Connector

Ignition barrel

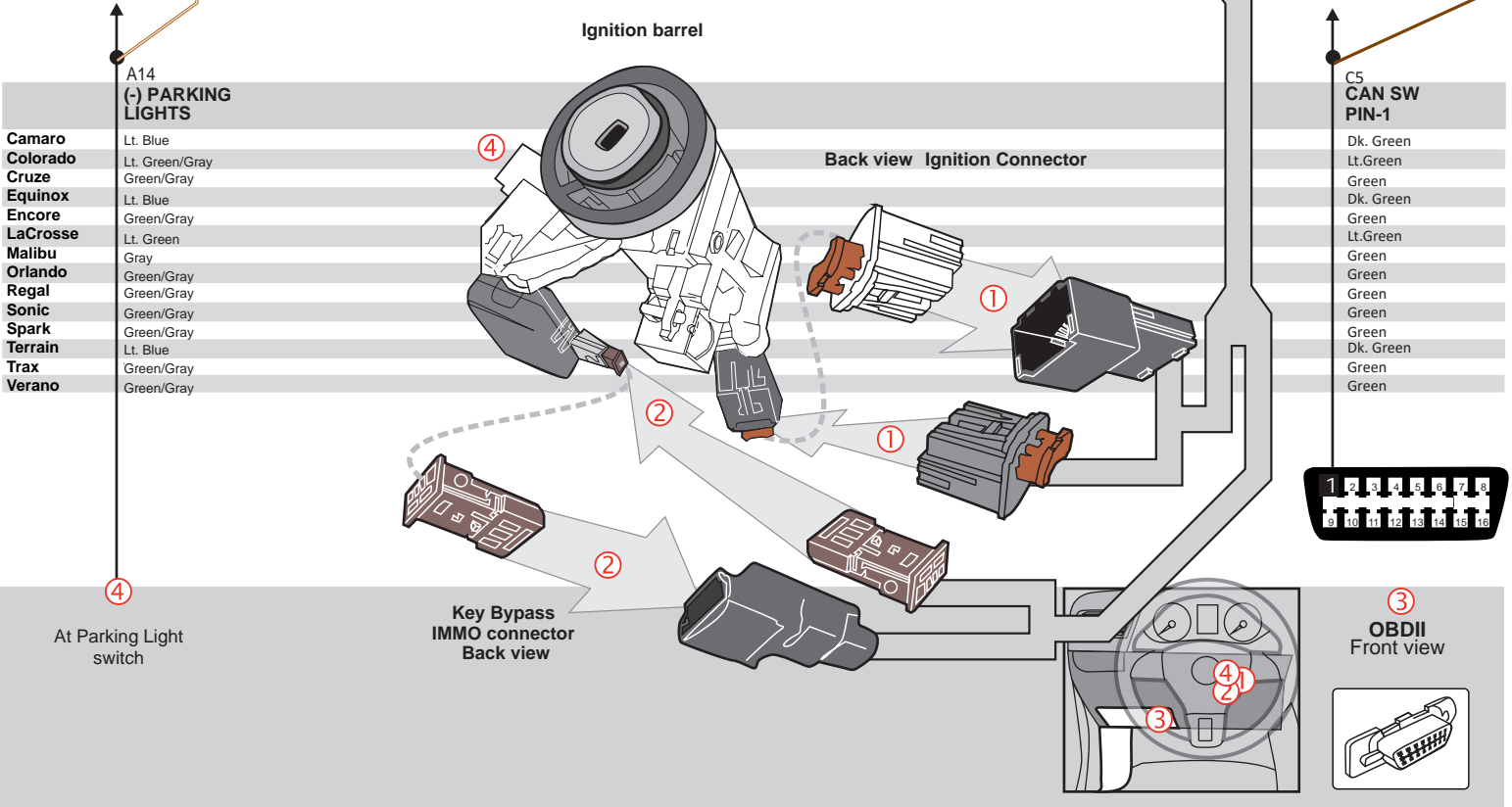
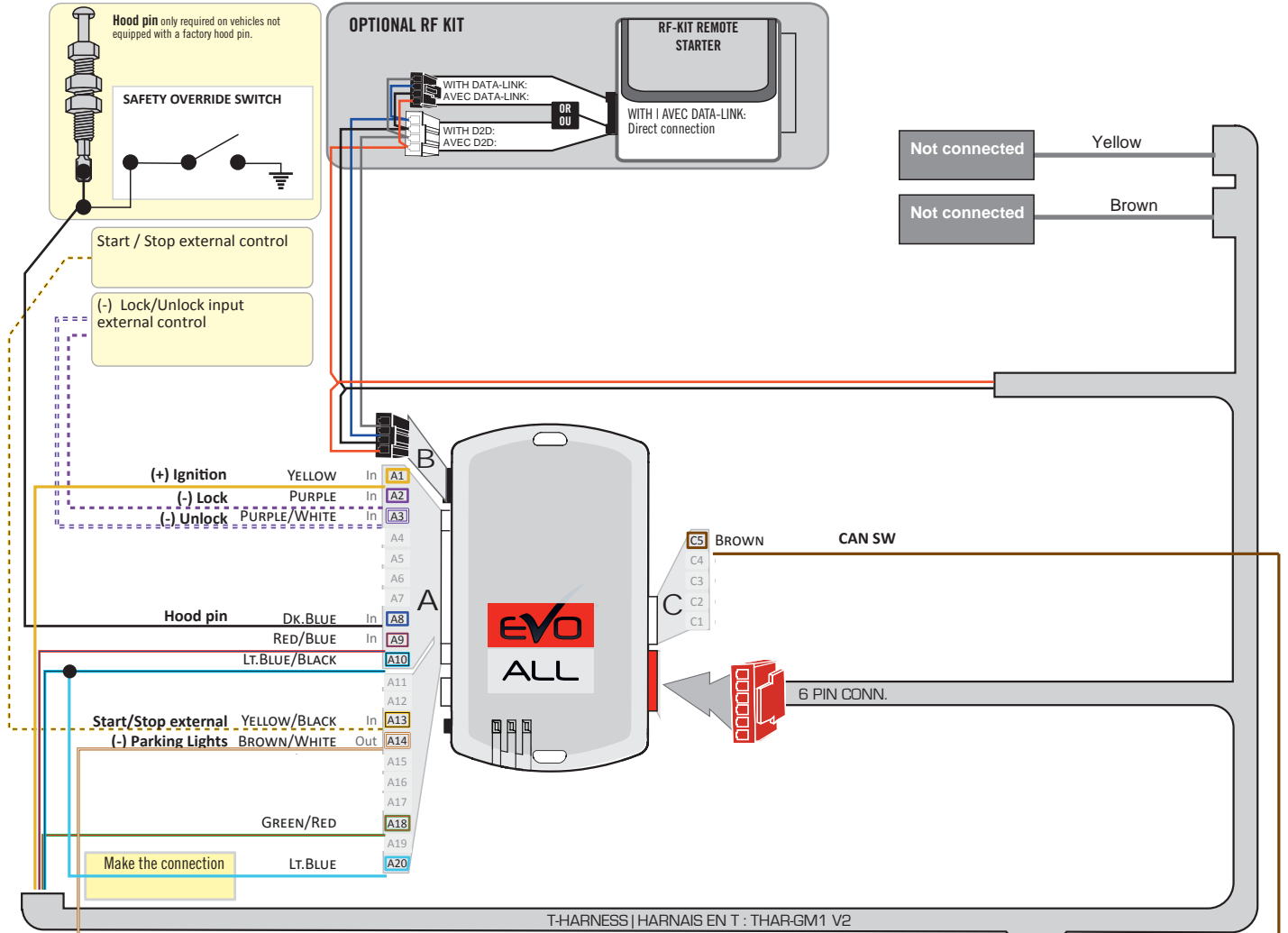


② IMMO connector





**AUTOMATIC TRANSMISSION WIRING CONNECTION**





**DCRYPTOR PROGRAMMING PROCEDURE |**



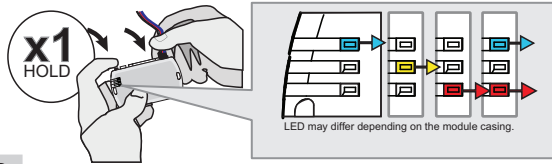
**Parts required (not included)**

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

OR

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

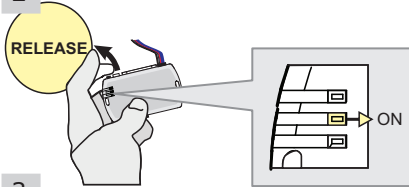
1



**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.

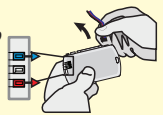
2



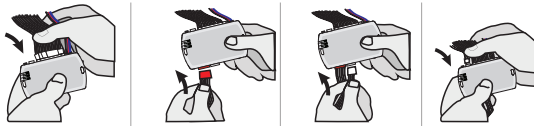
**Release** the programming button when the LED is **YELLOW**.

**Relâchez** le bouton de programmation quand la DEL est **JAUNE**.

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

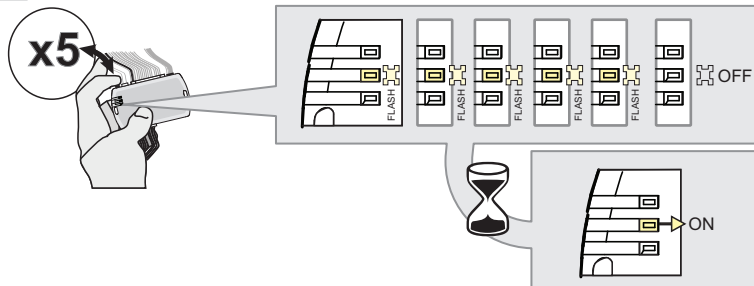


3



**Insert** the required remaining connectors.

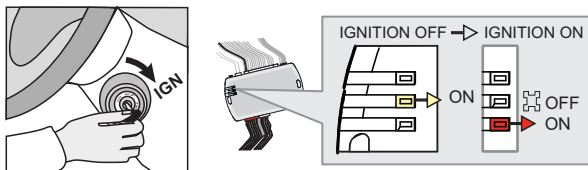
4



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

↳ The **YELLOW** LED will alternate between 5x flashes and a pause.  
↳ Wait until the **YELLOW** LED turns ON.

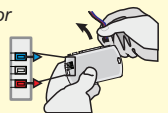
5



**Turn** the key to the Ignition ON/RUN position.

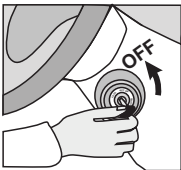
↳ The **RED** LED will turn ON.  
↳ The **YELLOW** LED turns OFF.

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



*connecteur 4 pins (Data-Link) au début de l'étape 1.*

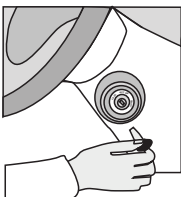
6



**Turn** the key to the OFF position.

**Tournez** la clé à la position Arrêt (OFF).

7



**Remove** the key from the Ignition barrel.

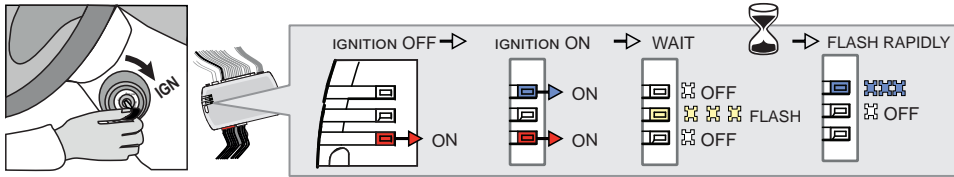
KEY BYPASS PROGRAMMING PROCEDURE 2/2 |

8



Wait 5 seconds.

9

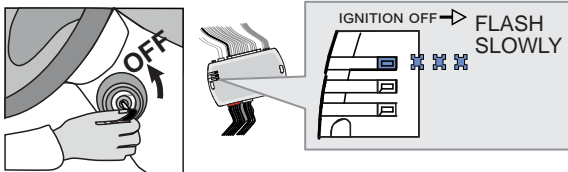


If the LEDs do not react as shown, disconnect the 4-Pin connector (Data-Link) and go back to step 1.

Turn the Ignition to the ON position.

- ↳ The BLUE LED will turn ON.
- ↳ Wait, the BLUE & RED LED will turn OFF.
- ↳ Wait, the YELLOW LED will Flash.
- ↳ Wait, the YELLOW LED will turn OFF.
- ↳ Wait, the BLUE LED will Flash rapidly.

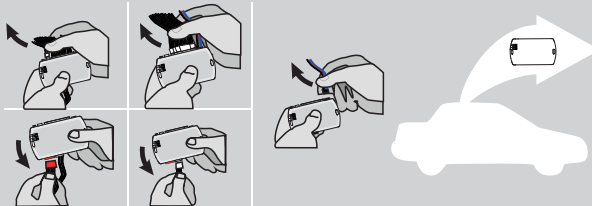
10



Turn the key to the OFF position.

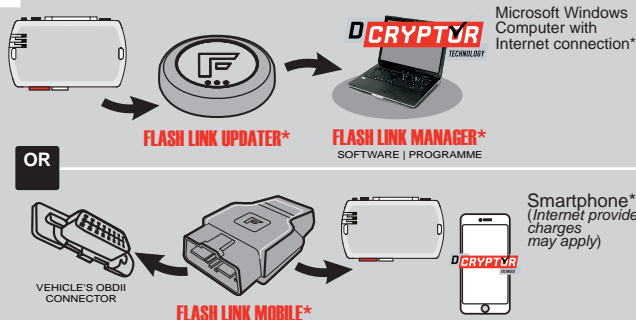
↳ the BLUE LED flash slowly.

11



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

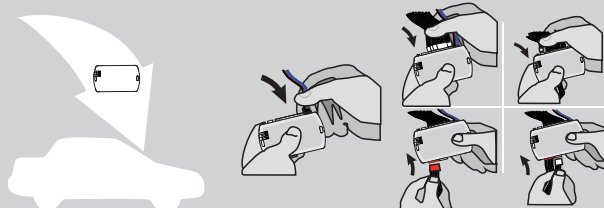
12



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

\*Parts required (not included)

13



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



The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE


Test the remote starter. Remote start the vehicle.

# THARNESS STAND ALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



**ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.**

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)															
		Immobilizer bypass	T-Harness available (sold separately)	Lock	Unlock	Arm	Disarm	Trunk (open)	RAP Disable	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	PK3, Passlock	OEM remote Monitoring**
																	
<b>CHEVROLET</b>																	
Spark	Key 2020-2021	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



**70.[45]**  
GM MINIMUM

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



**Program bypass option:**

UNIT OPTION

DESCRIPTION

**C1**

OEM Remote status (Lock/Unlock) monitoring

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

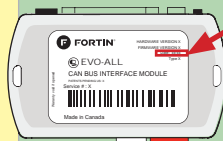
**A11**

**OFF**  
**NON**

Hood trigger (Output Status).



**ATTENTION!**



DATE: XX-XX

**E5**

**OFF**

**SPECIAL FUNCTIONS: BY DEFAULT DEACTIVATED**

**ON**

**MANUFACTURED MODULES BETWEEN: 04/2018 TO 04/2019**

**MANDATORY INSTALL**

\*HOOD PIN



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

**A11**

**OFF**

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

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

**PARTS REQUIRED (NOT INCLUDED)**


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

OR

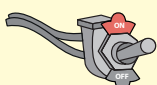
1x **FLASH LINK MOBILE**  
 1x **FLASH LINK MOBILE APP**  
 Smartphone Android or iOS with Internet connection (provider charges may apply).

**MANDATORY**

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH


Part #: RSPB available, Sold separately.

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


**STAND ALONE CONFIGURATION**

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


**REMOTE STARTER FUNCTIONNALITY**



All doors must be closed.

**3X** 

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




The vehicle will START.

**REMOTE STARTER DIAGNOSTICS**  
MODULE RED LED

<b>x2 flash :</b>	Brake ON
<b>x3 flash :</b>	No tach
<b>x4 flash :</b>	Ignition before start
<b>x5 flash :</b>	Hood Open

**REMOTE STARTER WARNING CARD**



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

**WARNING | ATTENTION**

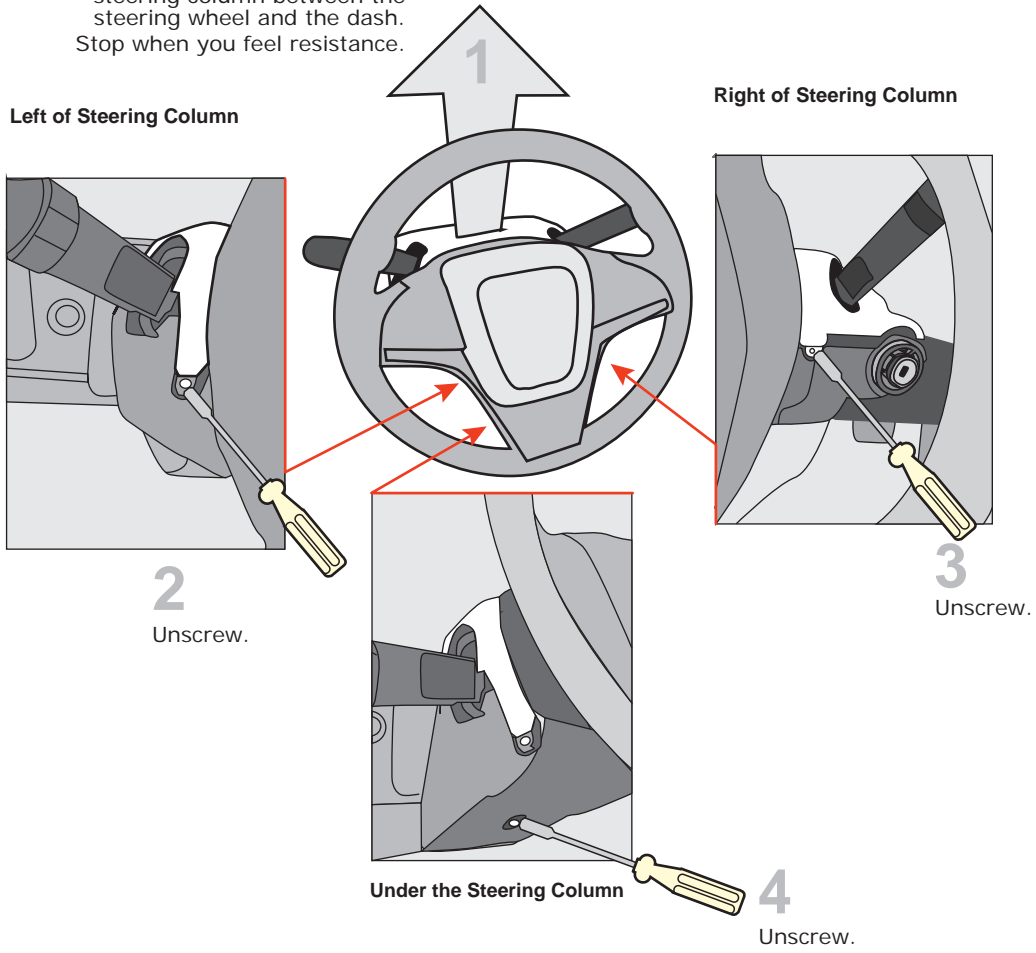


REMOTE STARTER

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

NOTES

Gently pull up the top of the steering column between the steering wheel and the dash. Stop when you feel resistance.

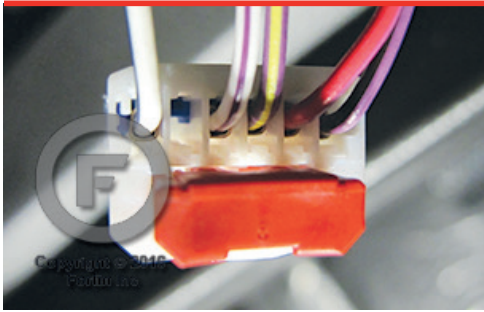


DESCRIPTION

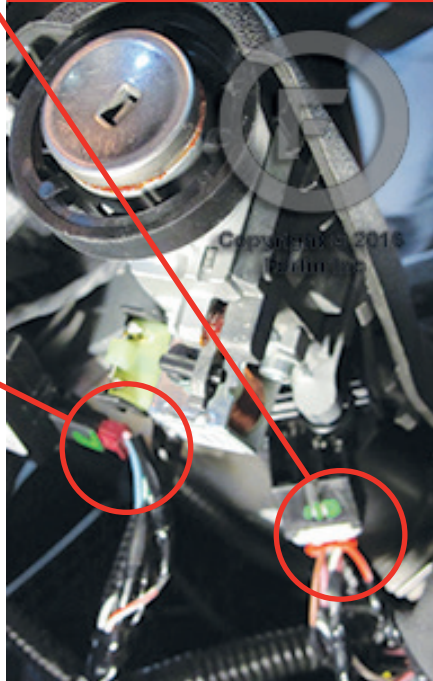
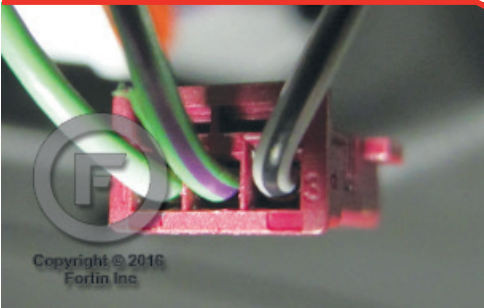


① Ignition Connector

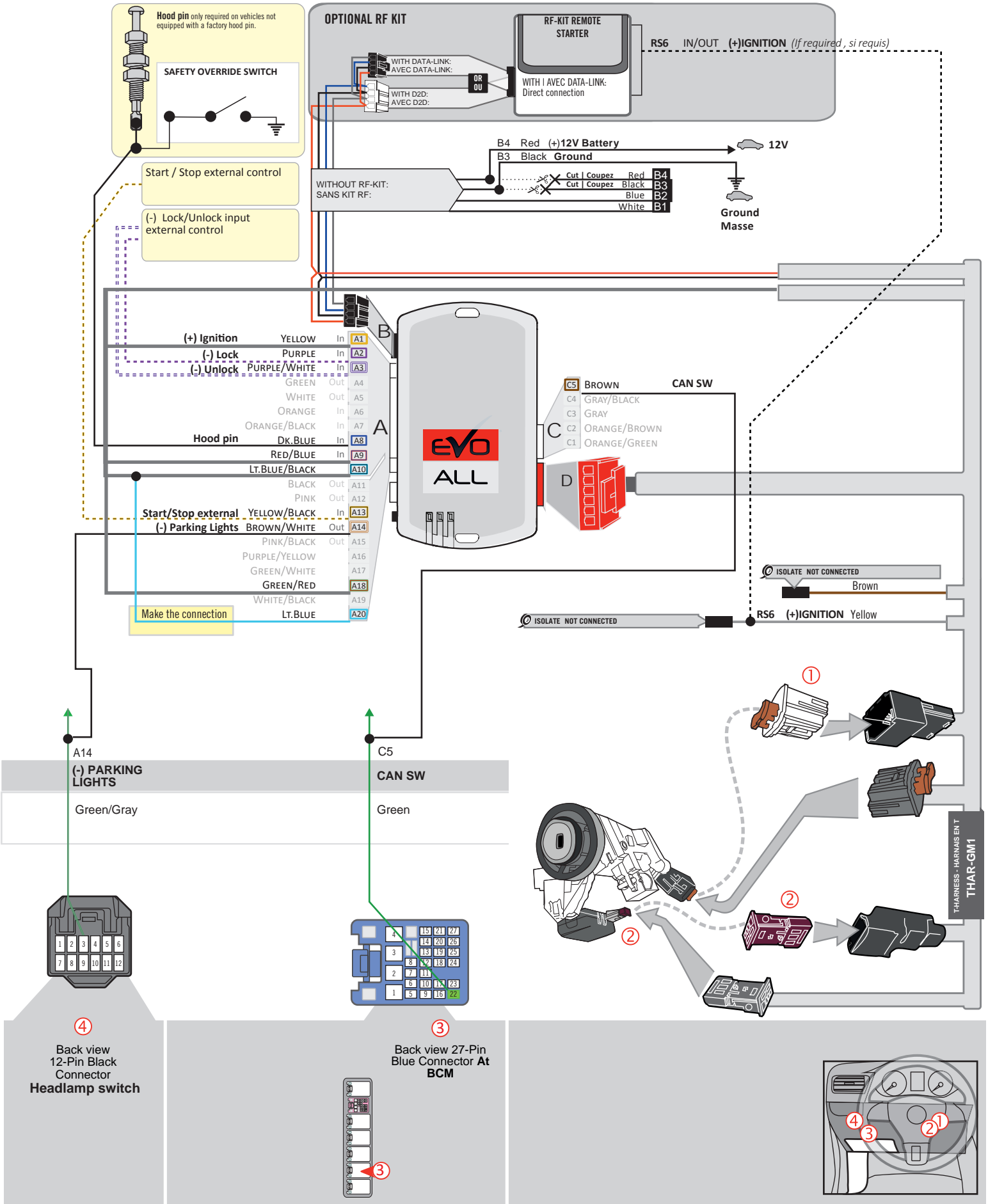
Ignition barrel



② IMMO connector



**AUTOMATIC TRANSMISSION WIRING CONNECTION**







Parts required (not included)

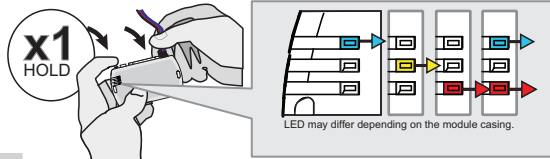
- 1x FLASH LINK UPDATER, SOFTWARE | PROGRAMME
- 1x FLASH LINK MANAGER
- 1x Microsoft Windows Computer with Internet connection

OR

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

**BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.**

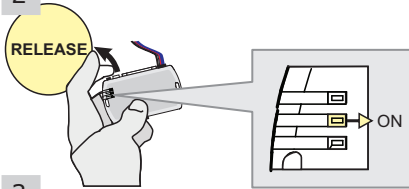
1



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

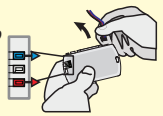
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

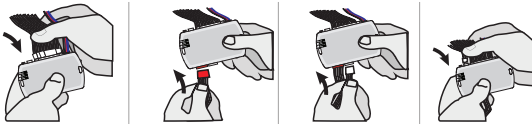


**Release** the programming button when the LED is YELLOW.

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

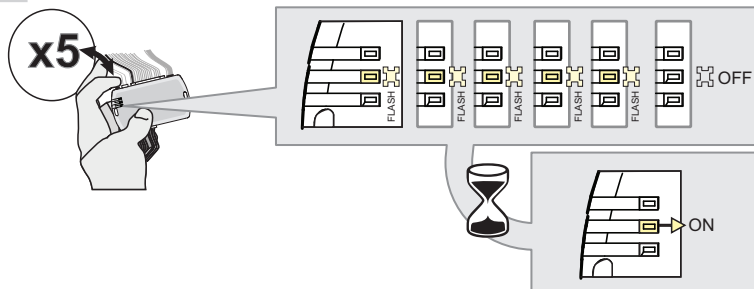


3



Insert the required remaining connectors.

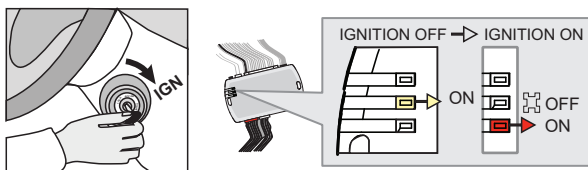
4



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

↳ The YELLOW LED will alternate between 5x flashes and a pause.  
 ↳ Wait until the YELLOW LED turns ON.

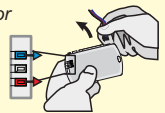
5



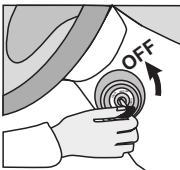
**Turn** the key to the Ignition ON/RUN position.

↳ The RED LED will turn ON.  
 ↳ The YELLOW LED turns OFF.

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

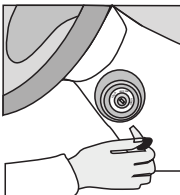


6



**Turn** the key to the OFF position.

7



**Remove** the key from the Ignition barrel.

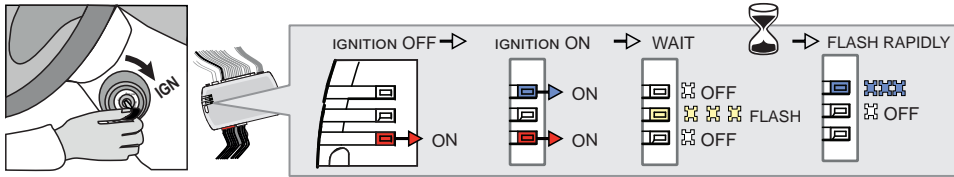
KEY BYPASS PROGRAMMING PROCEDURE 2/2 |

8



Wait 5 seconds.

9

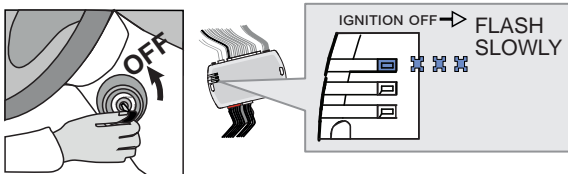


If the LEDs do not react as shown, disconnect the 4-Pin connector (Data-Link) and go back to step 1.

Turn the Ignition to the ON position.

- ↳ The BLUE LED will turn ON.
- ↳ Wait, the BLUE & RED LED will turn OFF.
- ↳ Wait, the YELLOW LED will Flash.
- ↳ Wait, the YELLOW LED will turn OFF.
- ↳ Wait, the BLUE LED will Flash rapidly.

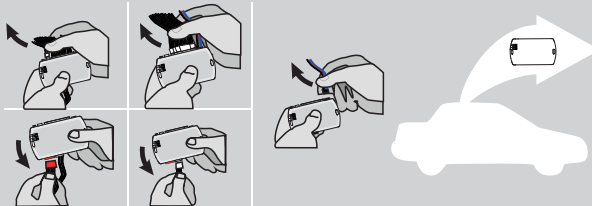
10



Turn the key to the OFF position.

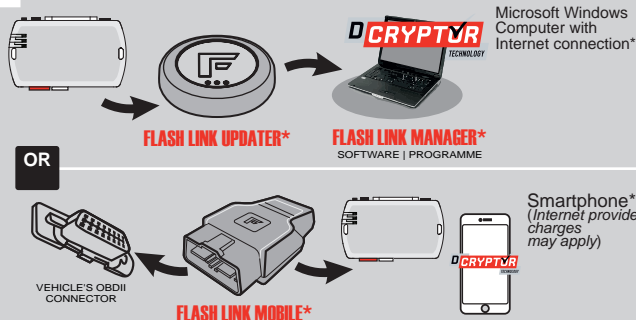
↳ the BLUE LED flash slowly.

11



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

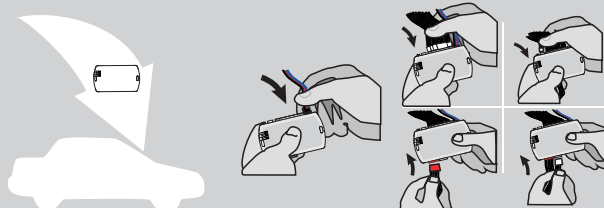
12



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

\*Parts required (not included)

13



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



The module is now programmed.




REMOTE STARTER / ALARM VERIFICATION PROCEDURE



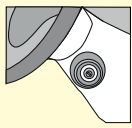
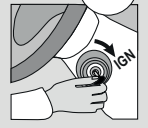
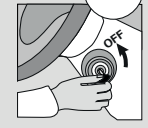
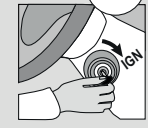


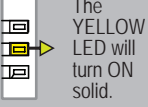
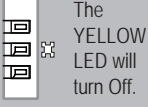
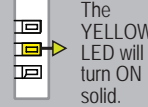
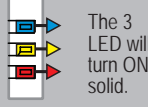

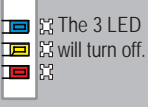
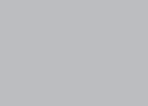
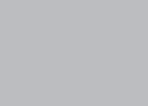
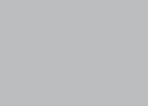
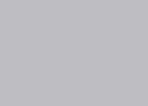
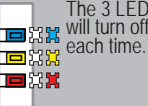

Test the remote starter. Remote start the vehicle.

OPTIONAL RF-KIT PROGRAMMING |

PROGRAM BYPASS OPTION | PROGRAMMATION DES OPTIONS DE CONTOURNEMENT

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

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



REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



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



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



Press the brake pedal.



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