
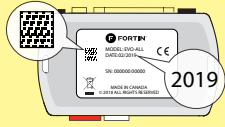




REGULAR & THAR-TOY13 INSTALLATION


ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE		Vehicle functions supported in this diagram (functional if equipped)													
VEHICLE	YEARS	Immobilizer bypass	Lock	Unlock	Arm	Disarm	Trunk (open)	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring**
															
<b>TOYOTA</b>															
Avalon	Hybrid - Push-to-Start 2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•

	<b>COMPATIBLE MODULE REQUIRED:</b>	<b>QR CODE ON THE LABEL</b> MANUFACTURED AFTER: 2019	<b>FIRMWARE VERSION</b> <b>79.[66]</b> MINIMUM	To add the firmware version and the options, use the <b>FLASH LINK UPDATER</b> or <b>FLASH LINK MOBILE</b> tool, sold separately.
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	Program bypass option <b>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</b>	UNIT OPTION		DESCRIPTION
		<b>A11</b>	<b>OFF</b>	Hood trigger (Output Status).
	Program bypass option:	UNIT OPTION		DESCRIPTION
		<b>C1</b>		OEM Remote status (Lock/Unlock) monitoring
		<b>D6</b>		Push-to-Start Push-to-Start
		<b>D4</b>		Hybrid mode Mode hybride

NOTES

\*\*  The vehicles OEM remote and SmartKey are still operable during remote start.

NO KEY TAKEOVER

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.

<b>A11</b>	<b>OFF</b>
------------	------------

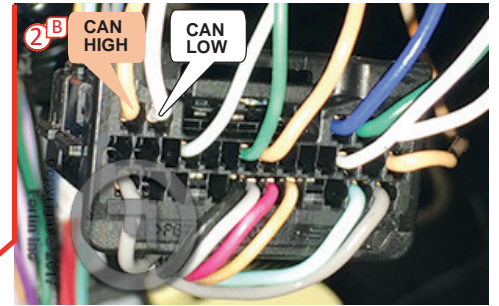
**Notice:** the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

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

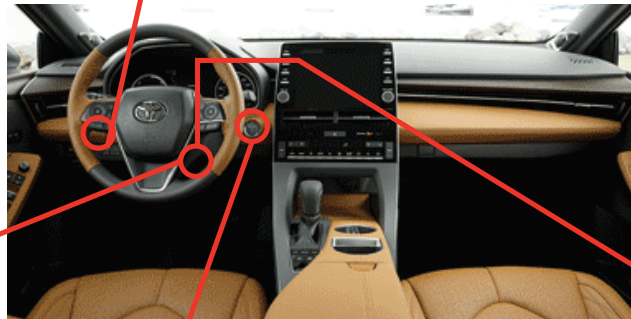
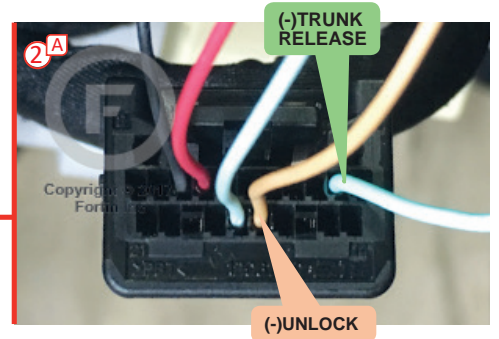
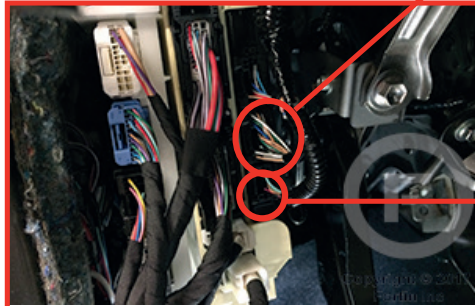
NOTES

				Parts required (Not included)	PAGE
<b>WIRE TO WIRE DIAGRAM</b>					
AUTOMATIC TRANSMISSION					Page 3
<b>THARNESSE DIAGRAM</b>					
THARNESSE THAR-TOY13	AUTOMATIC TRANSMISSION TRANSMISSION AUTOMATIQUE	1x THAR-TOY13	1x THAR-TOY13		Page 4

DESCRIPTION



② ECU, Driver's side

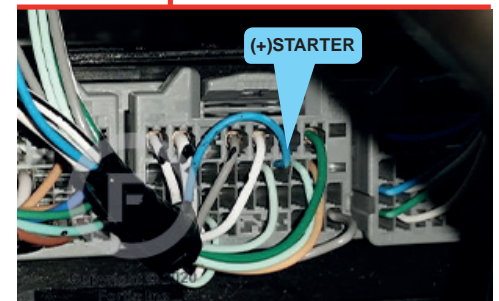
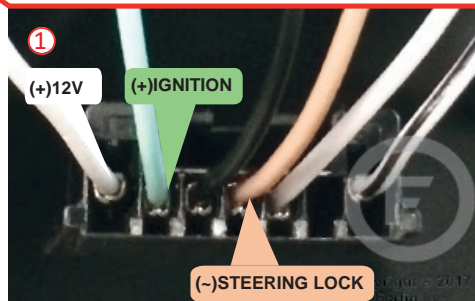
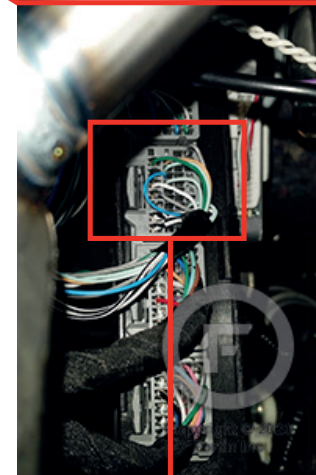
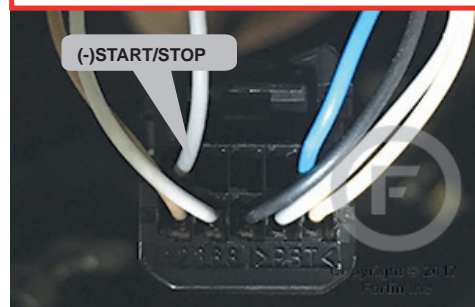


④ Hybrid ECU, Left of the steering column.

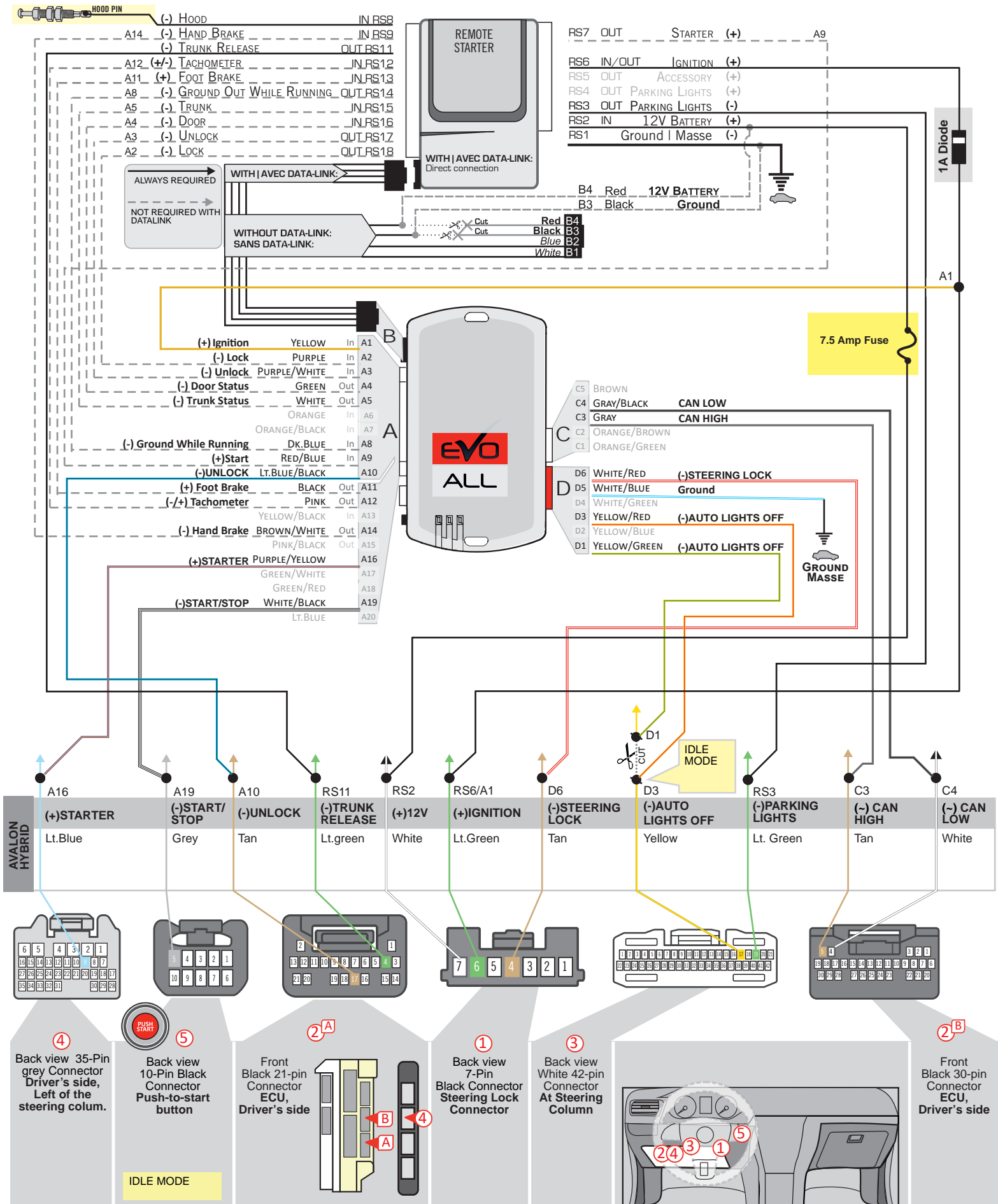
① ③ At Steering Column



⑤ At push-to-start button



WIRING CONNECTION



ALWAYS REQUIRED

NOT REQUIRED WITH DATALINK

WITH | AVEC DATA-LINK:  
Direct connection

WITHOUT DATA-LINK:  
SANS DATA-LINK:

- RS7 OUT STARTER (+) A9
- RS6 IN/OUT IGNITION (+)
- RS5 OUT ACCESSORY (+)
- RS4 OUT PARKING LIGHTS (+)
- RS3 OUT PARKING LIGHTS (-)
- RS2 IN 12V BATTERY (+)
- RS1 Ground | Masse (-)

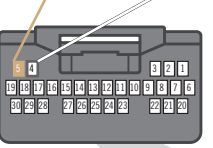
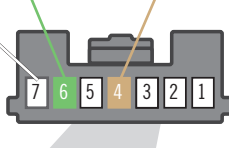
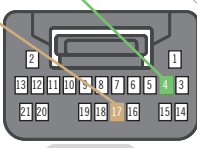
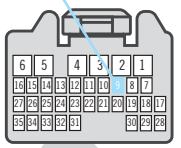
- B4 Red 12V BATTERY
- B3 Black Ground
- B2 Blue
- B1 White

- (+) Ignition YELLOW In A1
- (-) Lock PURPLE In A2
- (-) Unlock PURPLE/WHITE In A3
- (-) Door Status GREEN Out A4
- (-) Trunk Status WHITE Out A5
- ORANGE In A6
- ORANGE/BLACK In A7
- (-) Ground While Running DK.BLUE In A8
- (+) Start RED/BLUE In A9
- (-) UNLOCK LT.BLUE/BLACK A10
- (+) Foot Brake BLACK Out A11
- (-/+ Tachometer PINK Out A12
- YELLOW/BLACK In A13
- (-) Hand Brake BROWN/WHITE Out A14
- PINK/BLACK Out A15
- (+) STARTER PURPLE/YELLOW A16
- GREEN/WHITE A17
- GREEN/RED A18
- (-) START/STOP WHITE/BLACK A19
- LT.BLUE A20

- C5 BROWN CAN LOW
- C4 GRAY/BLACK CAN LOW
- C3 GRAY CAN HIGH
- C2 ORANGE/BROWN CAN HIGH
- C1 ORANGE/GREEN

- D6 WHITE/RED (-) STEERING LOCK
- D5 WHITE/BLUE Ground
- D4 WHITE/GREEN
- D3 YELLOW/RED (-) AUTO LIGHTS OFF
- D2 YELLOW/BLUE
- D1 YELLOW/GREEN (-) AUTO LIGHTS OFF

- A16 (+) STARTER Lt.Blue
- A19 (-) START/STOP Grey
- A10 (-) UNLOCK Tan
- RS11 (-) TRUNK RELEASE Lt.green
- RS2 (+) 12V White
- RS6/A1 (+) IGNITION Lt.Green
- D6 (-) STEERING LOCK Tan
- D3 (-) AUTO LIGHTS OFF Yellow
- RS3 (-) PARKING LIGHTS Lt. Green
- C3 (-) CAN HIGH Tan
- C4 (-) CAN LOW White



④ Back view 35-Pin grey Connector Driver's side, Left of the steering column.

⑤ Back view 10-Pin Black Connector Push-to-start button

②A Front Black 21-pin Connector ECU, Driver's side

① Back view 7-Pin Black Connector Steering Lock Connector

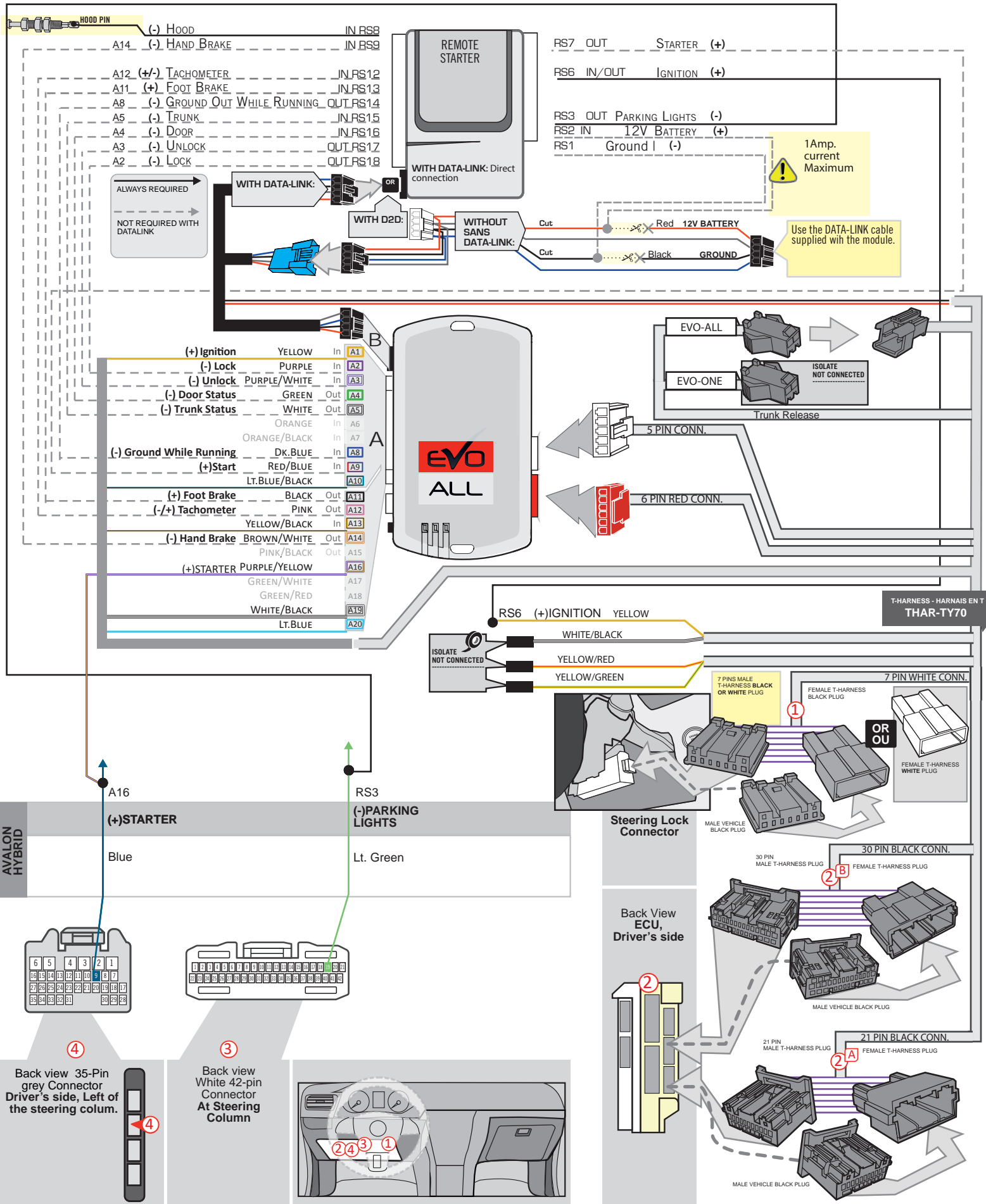
③ Back view White 42-pin Connector At Steering Column



②B Front Black 30-pin Connector ECU, Driver's side

IDLE MODE

THAR-TOY13 | WIRING CONNECTION



**DCRYPTOR PROGRAMMING PROCEDURE**



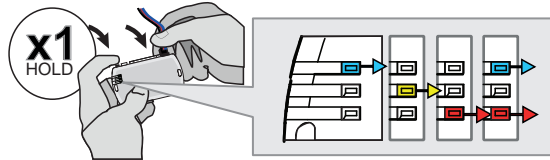
- Parts required (not included)**
- 1x **FLASH LINK UPDATER, FLASH LINK MANAGER** SOFTWARE
  - 1x Microsoft Windows Computer with Internet connection

OR

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

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

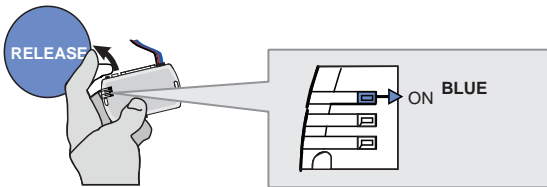
1



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

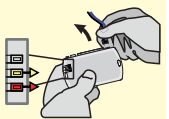
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

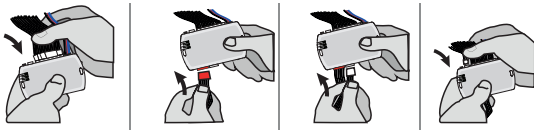


**Release** the programming button when the LED is BLUE.

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

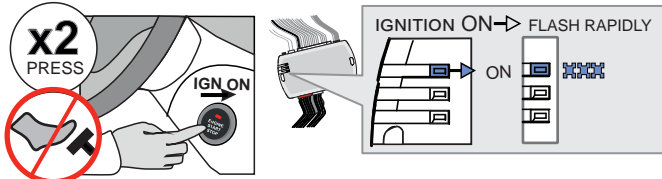


3



**Insert** the required remaining connectors.

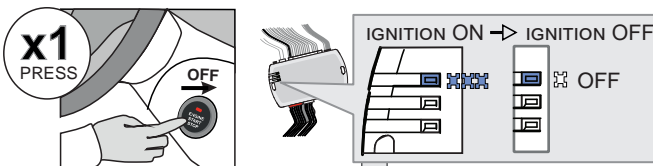
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:

**GO STEP 6** at Dcryptor process.

OR

CONTINUED NEXT PAGE

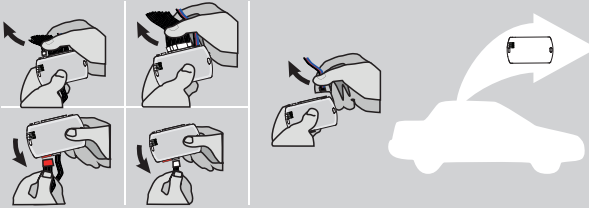
→ OFF

↳ If the LEDS turn OFF:

The module is now programmed.

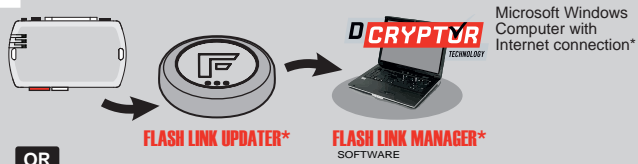
KEY BYPASS PROGRAMMING PROCEDURE 2/2

6



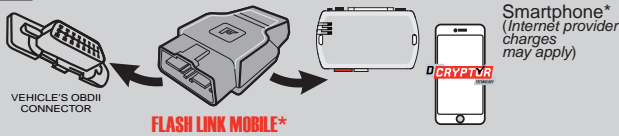
**Disconnect** all the connectors and after the Data-Link (4-pins) connector.

7



Microsoft Windows  
Computer with  
Internet connection\*

OR

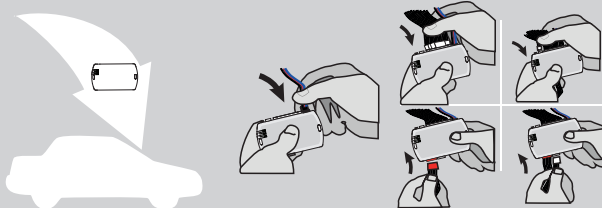


Smartphone\*  
(Internet provider  
charges may apply)

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

\*Parts required (not included)

8



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





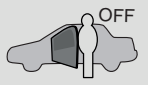




The module is now programmed.



**REMOTE STARTER / ALARM VERIFICATION PROCEDURE**

Test the remote starter. **Remote start** the vehicle.


REMOTE STARTER FUNCTIONALITY

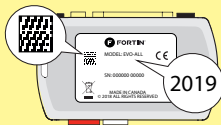
<p><b>START</b></p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p><b>UNLOCK</b></p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p><b>OFF</b></p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
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REGULAR & THAR-TOY13 INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION


VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)														
		Immobilizer bypass	T-Harness Harnais en T	Lock	Unlock	Arm	Disarm	Trunk (open)	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring**
																
<b>LEXUS</b>																
LS 500	Push-to-Start 2018-2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

	<b>COMPATIBLE MODULE REQUIRED:</b>	<b>QR CODE ON THE LABEL</b> MANUFACTURED AFTER: 2019	<b>79.[66]</b> MINIMUM	To add the firmware version and the options, use the <b>FLASH LINK UPDATER</b> or <b>FLASH LINK MOBILE</b> tool, sold separately.
---	------------------------------------	---	---------------------------	---


	Program bypass option:	UNIT OPTION OPTION UNITE	DESCRIPTION
		<b>C1</b>	OEM Remote status (Lock/Unlock) monitoring
		<b>D6</b>	Push-to-Start
	<b>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</b>	<b>A11</b>	<b>OFF</b> Hood trigger (Output Status).

**NOTES**


**NO KEY TAKEOVER**

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

\*\*The vehicles OEM remote and SmartKey are still operable during remote start.

 **Parts required (Not included)**  
1X Diode  
1X Fuse

**MANDATORY INSTALL**

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

<b>A11</b>	<b>OFF</b> NON
------------	-------------------

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

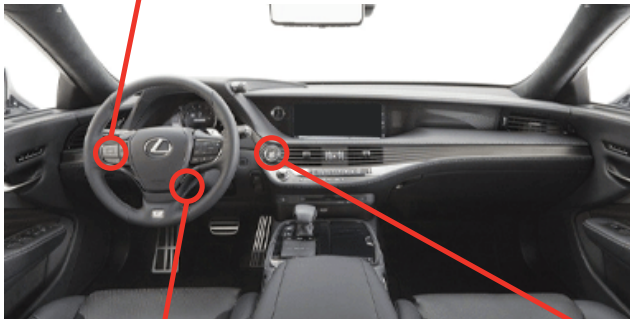
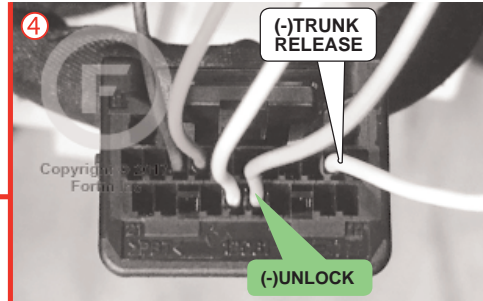
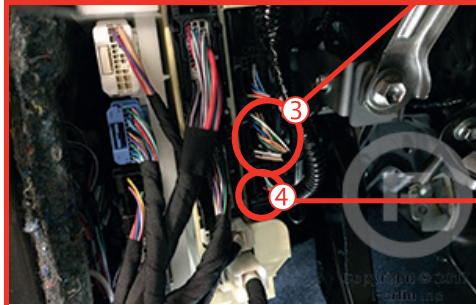
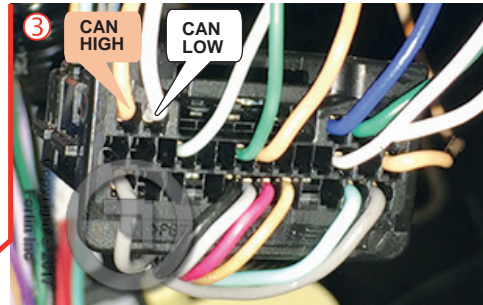
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

NOTES

		Parts required (Not included)	PAGE
<b>WIRE TO WIRE DIAGRAM</b>			
AUTOMATIC TRANSMISSION			Page 3
<b>THARNESS DIAGRAM</b>			
THARNESS THAR-TOY13	AUTOMATIC TRANSMISSION	1x THAR-TOY13	Page 4

DESCRIPTION

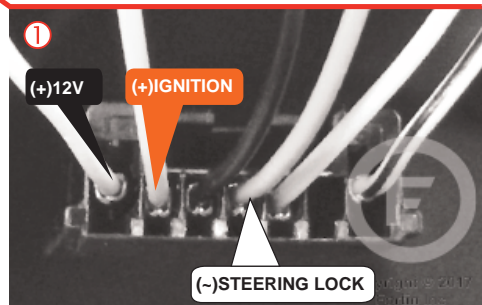
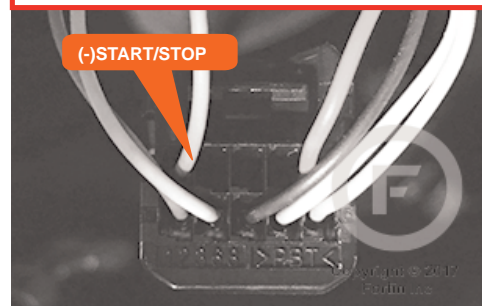
③④ ECU, Driver's side



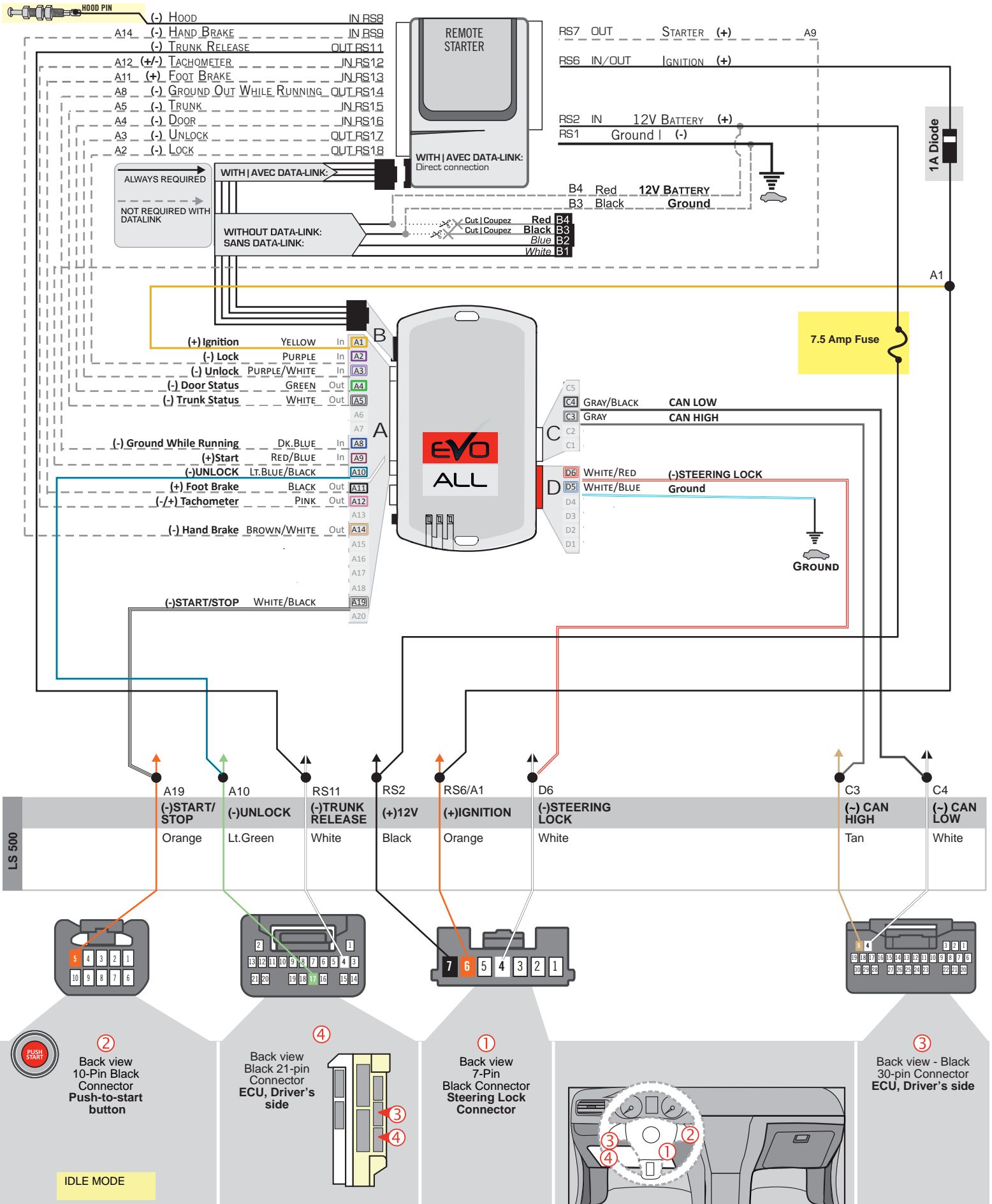
① At Steering Column



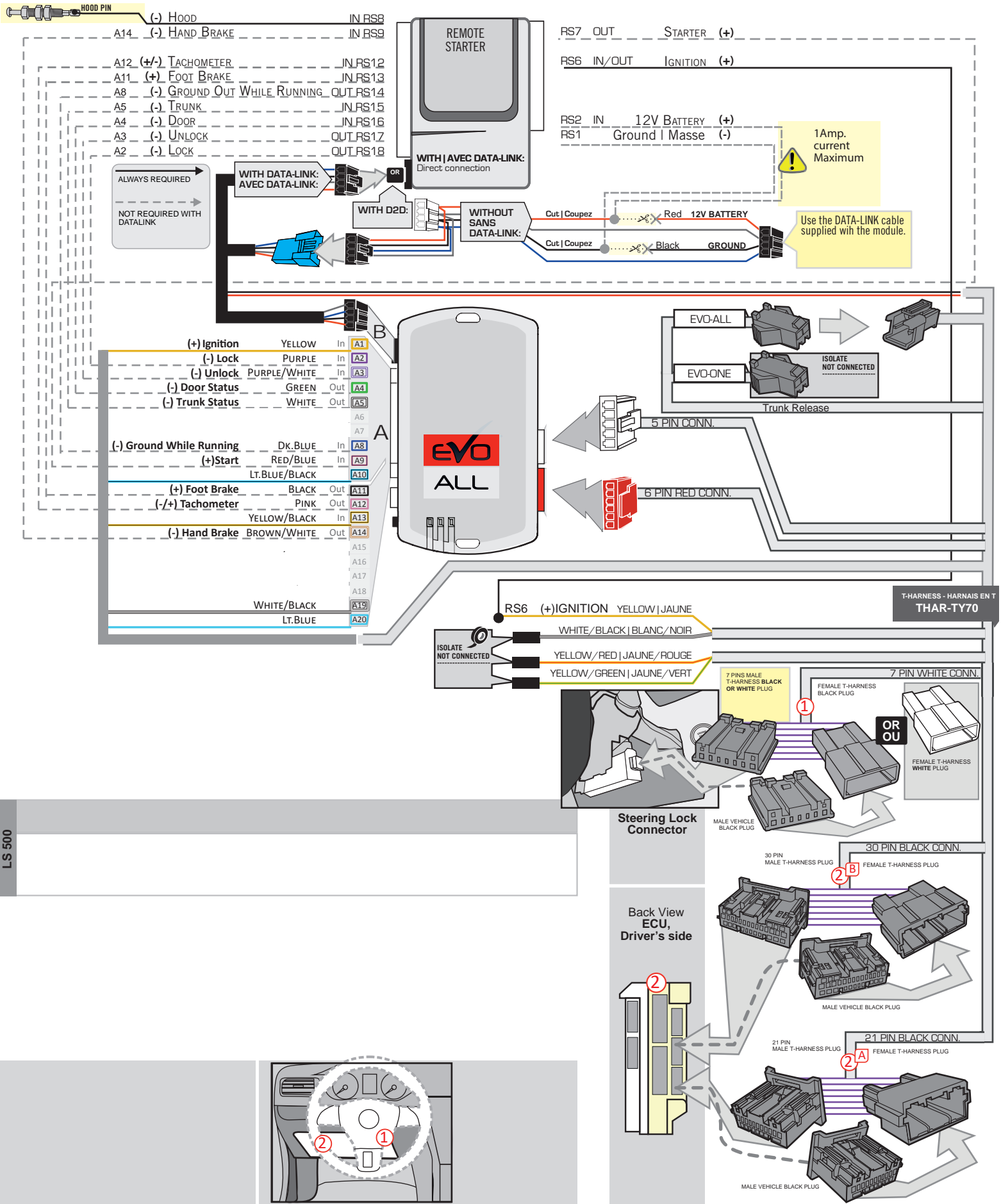
② At push-to-start button



WIRING CONNECTION



THAR-TOY13 | WIRING CONNECTION



**DCRYPTOR PROGRAMMING PROCEDURE**



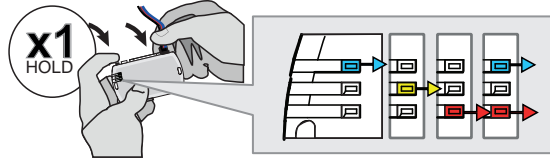
- Parts required (not included)**
- 1x **FLASH LINK UPDATER, FLASH LINK MANAGER** SOFTWARE
  - 1x Microsoft Windows Computer with Internet connection

OR

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

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

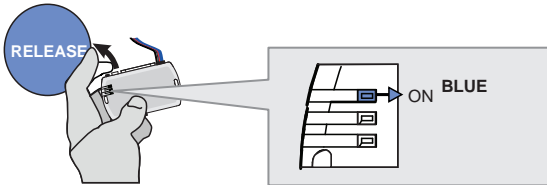
1



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

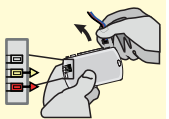
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

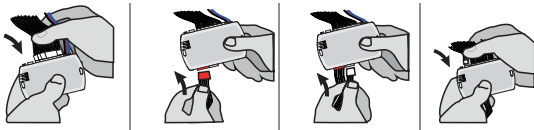


**Release** the programming button when the LED is BLUE.

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

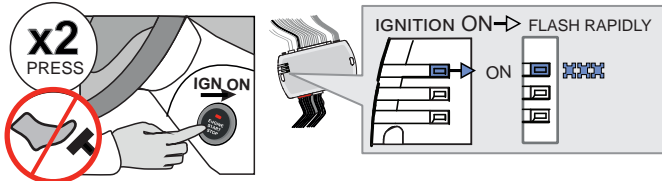


3



**Insert** the required remaining connectors.

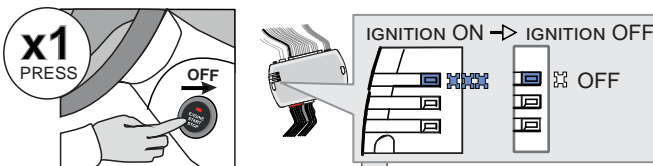
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:

**GO STEP 6** at Dcryptor process.

CONTINUED NEXT PAGE

→ OFF

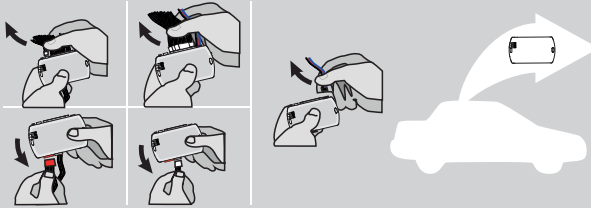
↳ If the LEDS turn OFF:

The module is now programmed.



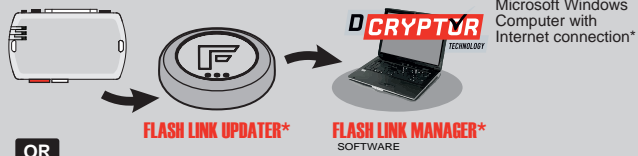
KEY BYPASS PROGRAMMING PROCEDURE 2/2

6



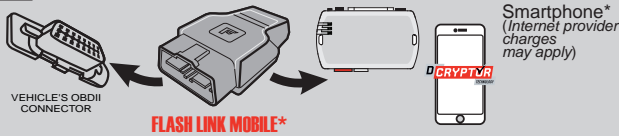
**Disconnect** all the connectors and after the Data-Link (4-pins) connector.

7



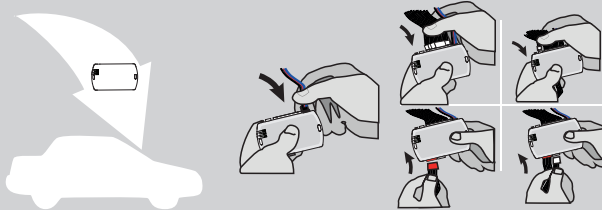
Use the tool: **FLASH LINK UPDATER** or **FLASH LINK MOBILE** to visit the DCryptor menu.

OR



\*Parts required (not included)

8



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





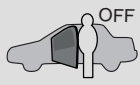
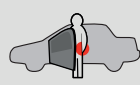



The module is now programmed.



**REMOTE STARTER / ALARM VERIFICATION PROCEDURE**

Test the remote starter. **Remote start** the vehicle.

REMOTE STARTER FUNCTIONALITY

<p style="text-align: center;">START</p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p style="text-align: center;">UNLOCK</p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p style="text-align: center;">OFF</p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
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REGULAR & THAR-TOY13 INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

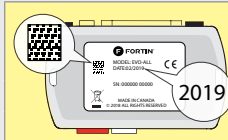


VEHICLE

YEARS

Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Parking Lights	Tachometer	Autolight	Trunk Release	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring**
TOYOTA																	
RAV4	Push-to-Start 2021	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



COMPATIBLE MODULE REQUIRED:

QR CODE ON THE LABEL  
MANUFACTURED AFTER: 2019

FIRMWARE VERSION

**79.[66]**  
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

**D6**

Push-to-Start

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:

**A11**

**OFF**

Hood trigger (Output Status).

NOTES



The vehicles OEM remote and SmartKey are still operable during remote start.

NO KEY TAKEOVER

Activate the alarm option in the starter module.

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.

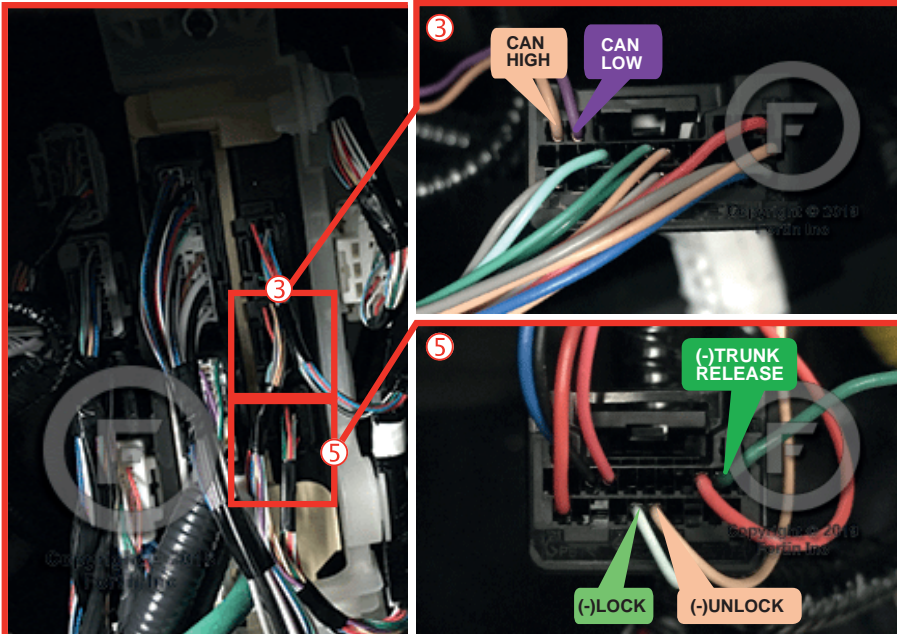
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

NOTES

		Parts required (Not included)	PAGE
<b>WIRE TO WIRE DIAGRAM</b>			
AUTOMATIC TRANSMISSION			Page 3
<b>THARNESS DIAGRAM</b>			
THARNESS THAR-TOY13	AUTOMATIC TRANSMISSION	1x THAR-TOY13	Page 4

DESCRIPTION

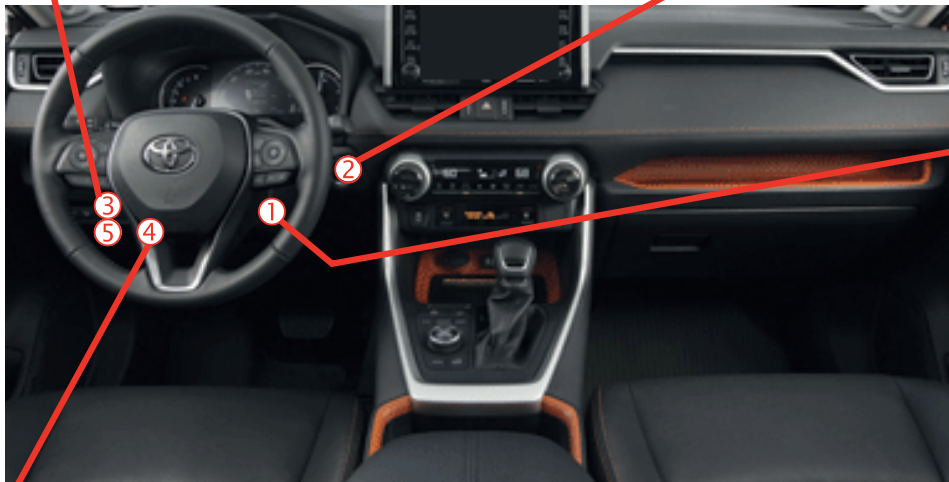
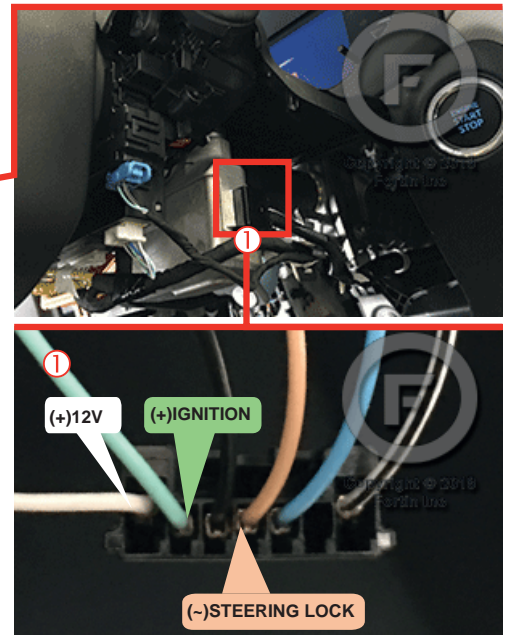
③ ⑤ ECU, Driver's side



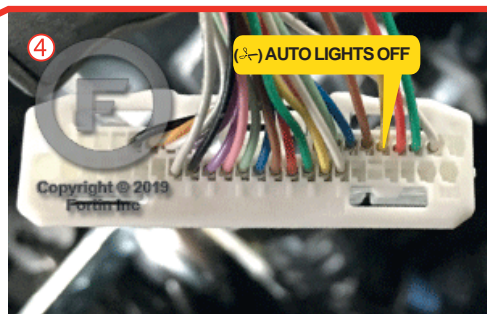
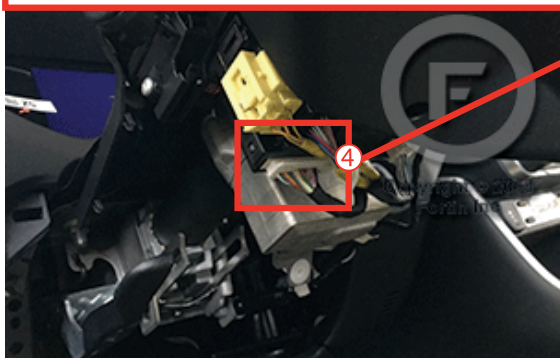
② At push-to-start button



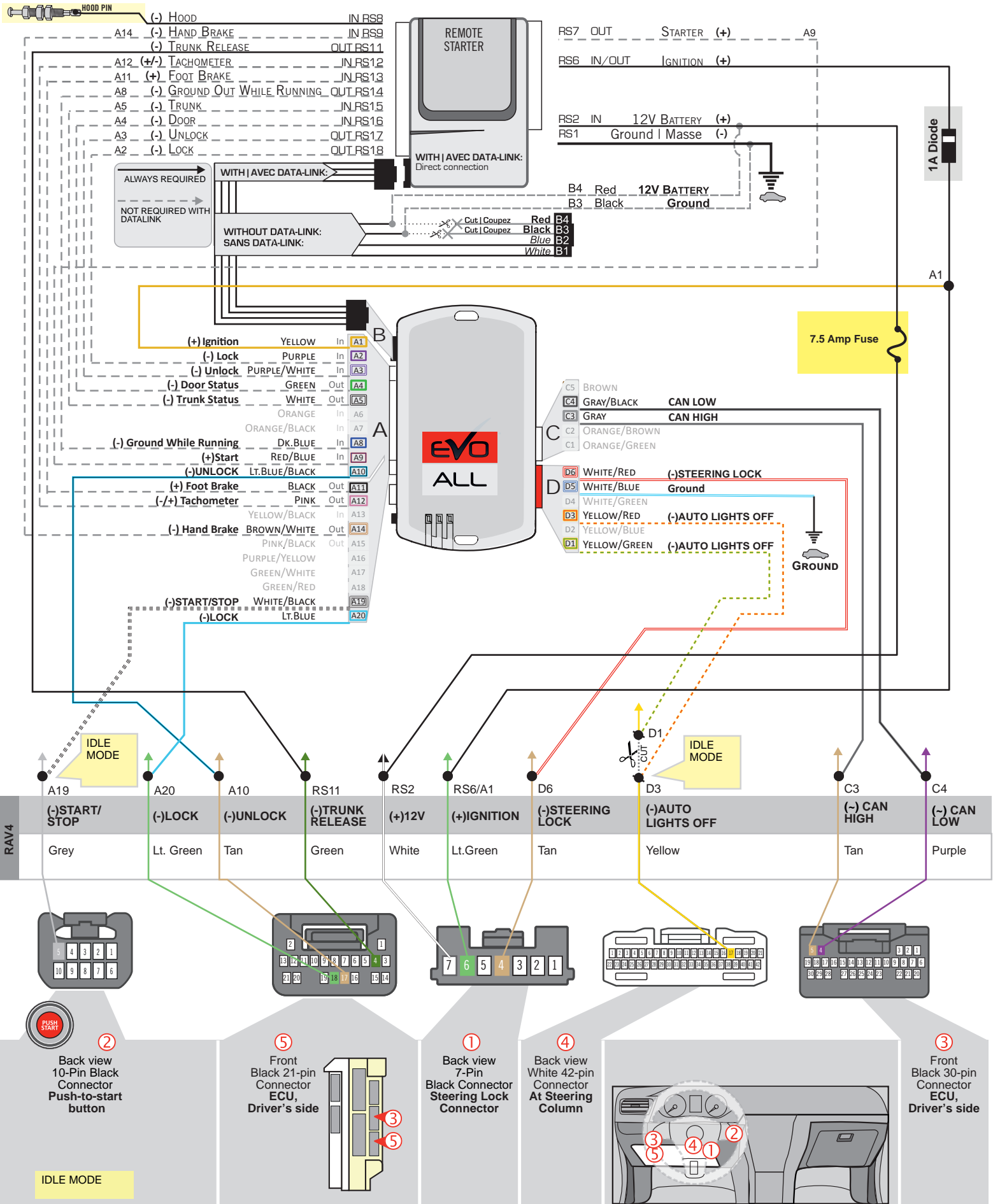
① At Steering Column



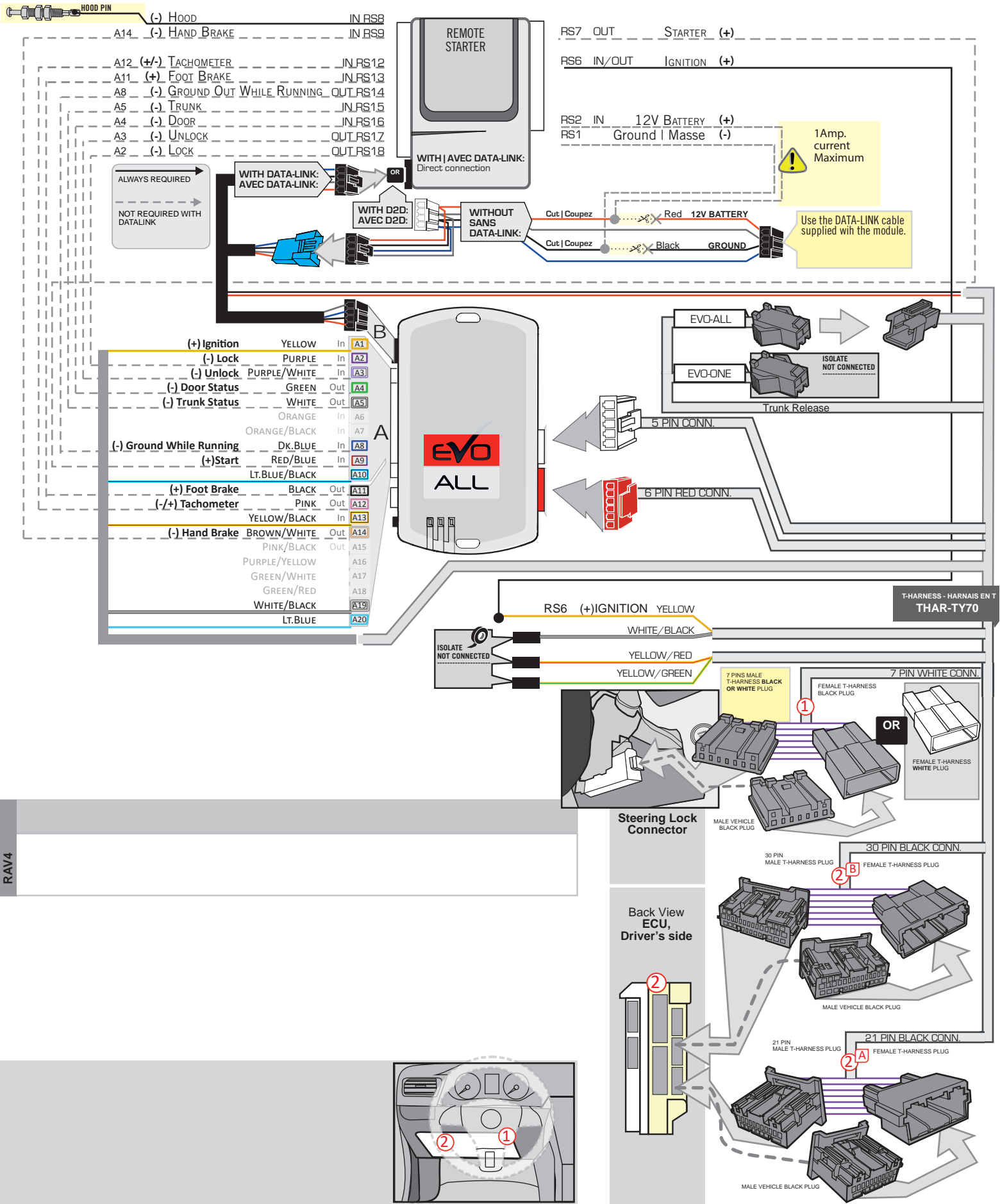
④ At Steering Column



WIRING CONNECTION



THAR-TOY13 | WIRING CONNECTION



**DCRYPTOR PROGRAMMING PROCEDURE**



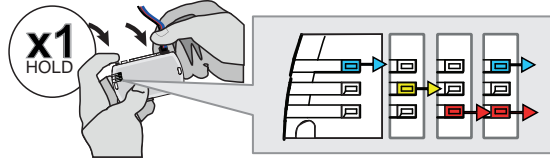
- Parts required (not included)**
- 1x **FLASH LINK UPDATER, FLASH LINK MANAGER**  
SOFTWARE | PROGRAMME
  - 1x Microsoft Windows Computer with Internet connection

OR

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

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

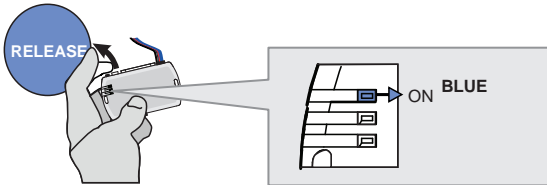
1



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

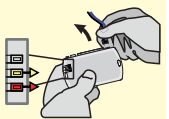
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

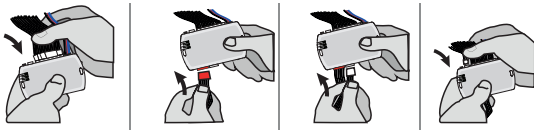


**Release** the programming button when the LED is BLUE.

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

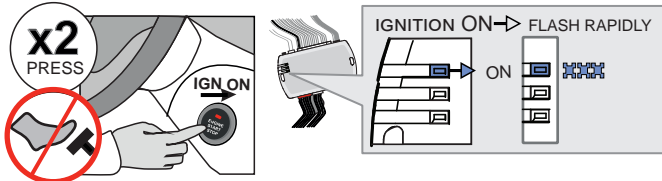


3



**Insert** the required remaining connectors.

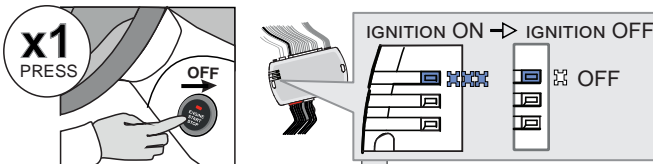
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

OR

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:

**GO STEP 6** at Dcryptor process.

**CONTINUED NEXT PAGE**

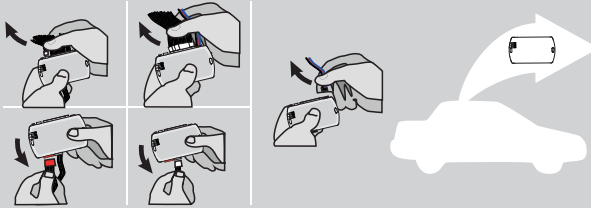
→ OFF

↳ If the LEDS turn OFF:

The module is now programmed.

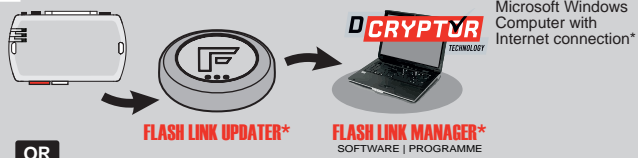
KEY BYPASS PROGRAMMING PROCEDURE 2/2

6

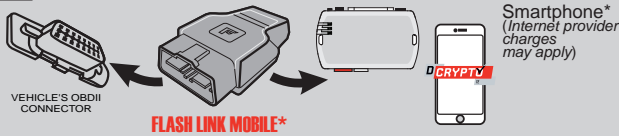


**Disconnect** all the connectors and after the Data-Link (4-pins) connector.

7



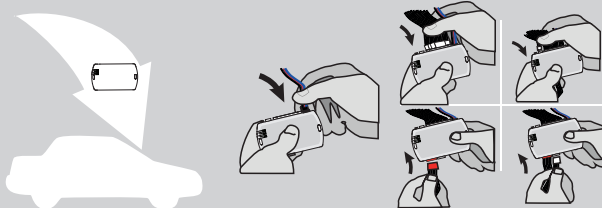
OR



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

\*Parts required (not included)

8



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





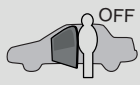
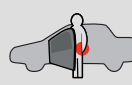



The module is now programmed.



**REMOTE STARTER / ALARM VERIFICATION PROCEDURE**

Test the remote starter. Remote start the vehicle.

REMOTE STARTER FUNCTIONALITY

<p style="text-align: center;">START</p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p style="text-align: center;">UNLOCK</p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p style="text-align: center;">OFF</p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
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STANDALONE & THAR-TOY13 INSTALLATION

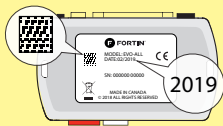
ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Immobilizer bypass	Lock	Unlock	Arm	Disarm	Parking Lights	Trunk Open	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring**
TOYOTA															
Avalon	Hybrid - Push-to-Start - AT 2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•



COMPATIBLE MODULE REQUIRED:

QR CODE ON THE LABEL  
MANUFACTURED AFTER: 2019

79.[66]  
MINIMUM

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



Program bypass option:

UNIT OPTION

DESCRIPTION

C1

OEM Remote status (Lock/Unlock) monitoring

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:

A11

OFF

Hood trigger (Output Status).

D6

Push-to-Start

D4

Hybrid mode

NOTES



The vehicles OEM remote and SmartKey are still operable during remote start.

NO KEY TAKEOVER



Parts required (Not included)

1X Fuse

MANDATORY INSTALL

\*HOOD PIN



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

A11

OFF

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

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

NOTES

	Parts required (Not included)	PAGE
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**WIRE TO WIRE DIAGRAM**

AUTOMATIC TRANSMISSION	1X Diode	Page 5
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**THARNESS DIAGRAM**

THARNESS THAR-TOY13	AUTOMATIC TRANSMISSION 1x THAR-TOY13	Page 7
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**PARTS REQUIRED (NOT INCLUDED)**


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

**OR**

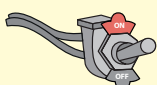
1x **FLASH LINK MOBILE**  
1x **FLASH LINK MOBILE APP**  
Smartphone *Android* or *iOS* with Internet connection (*provider charges may apply*).  
1x

**MANDATORY**

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH


Part #: RSPB available, Sold separately.

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


**STAND ALONE CONFIGURATION**

	Program bypass option	UNIT OPTION	DESCRIPTION
	<b>OEM Remote Stand Alone Remote Starter:</b>	<b>D1.10</b>  <b>D1.1</b> 	<b>By default, LOCK, LOCK, LOCK</b> Par défaut, VERROUILLE,VERROUILLE,VERROUILLE
	<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**

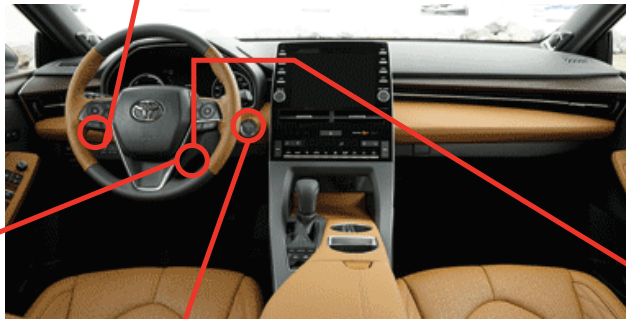
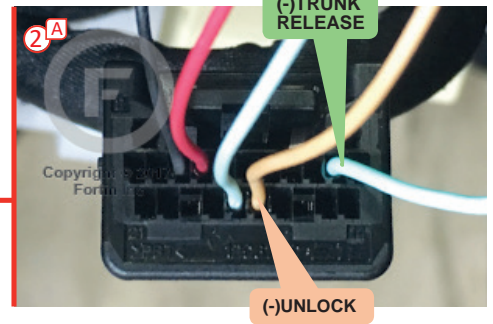
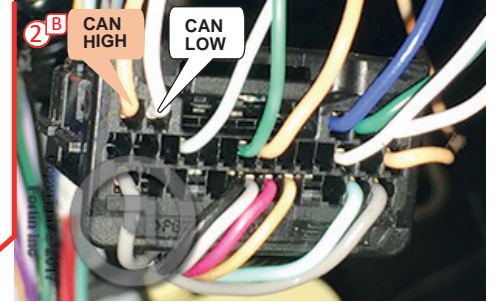
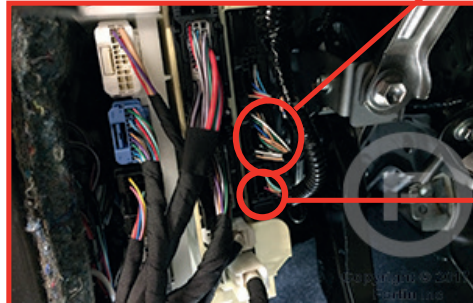


**REMOTE STARTER**

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

② ECU, Driver's side

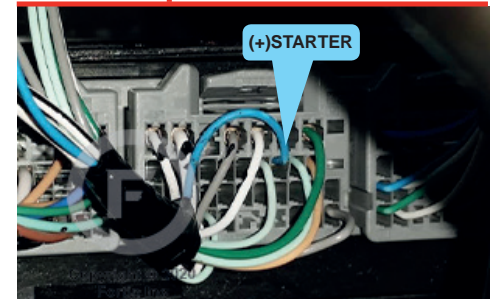
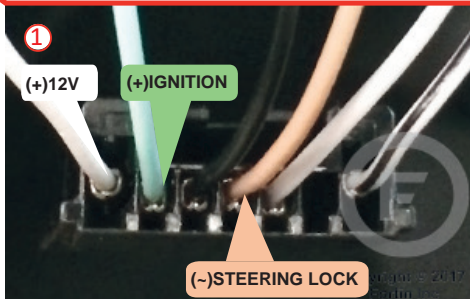
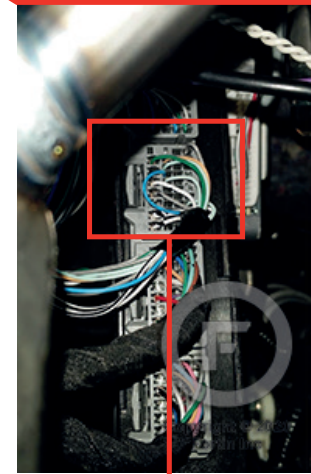
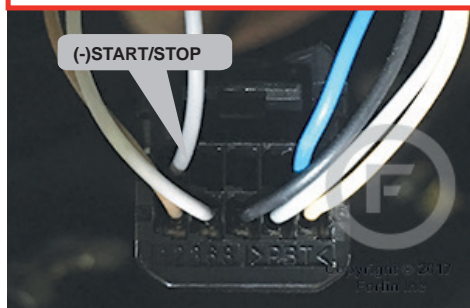


④ Hybrid ECU, Left of the steering colum.

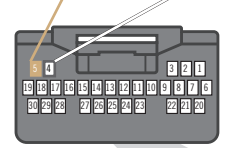
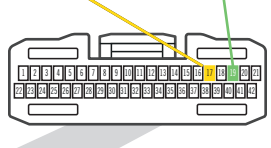
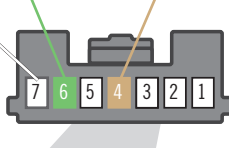
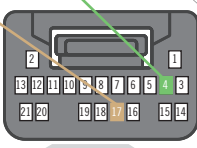
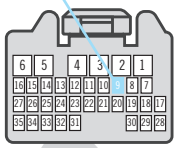
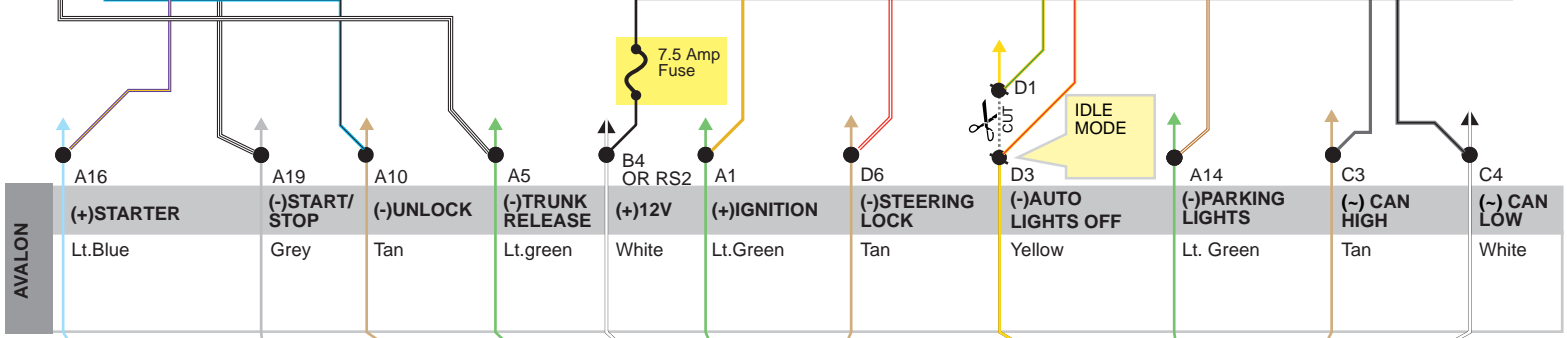
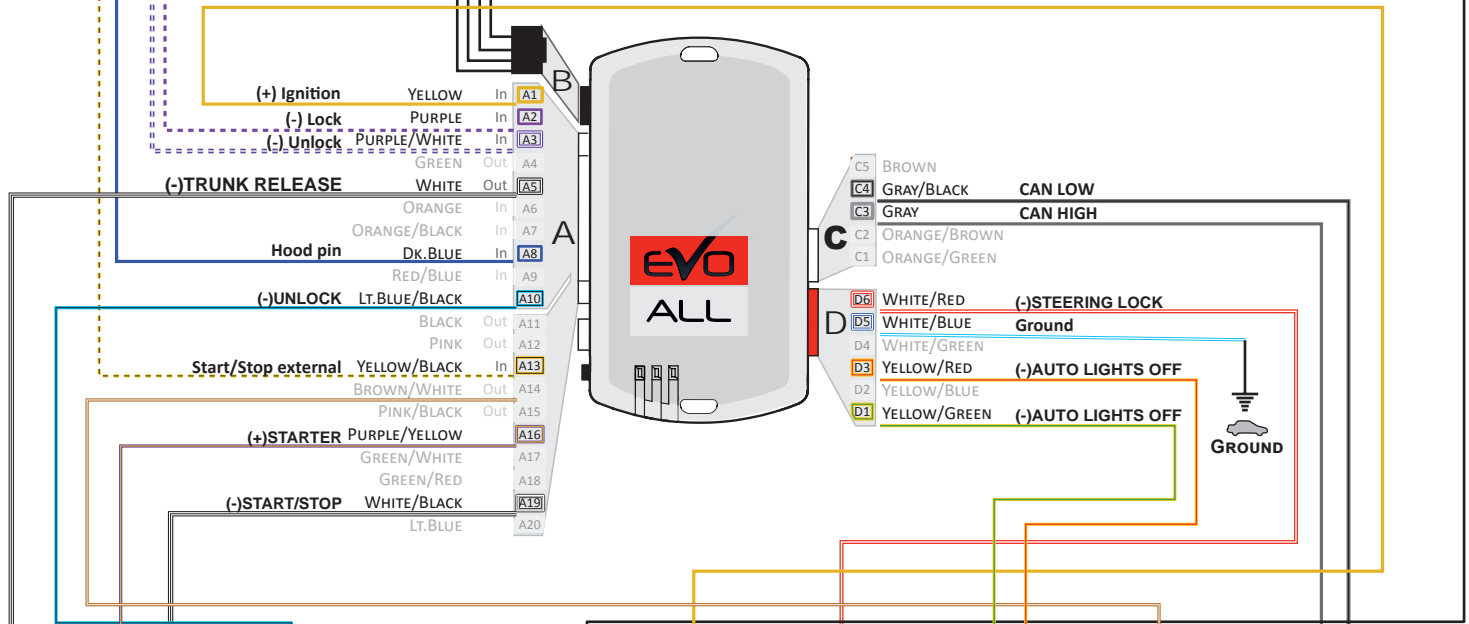
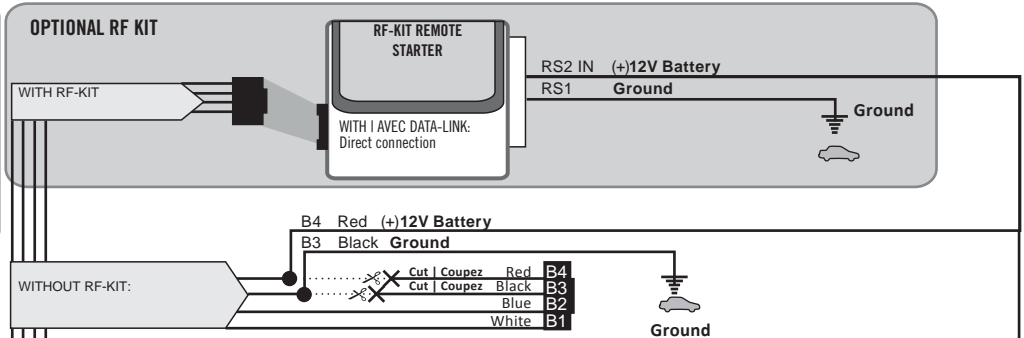
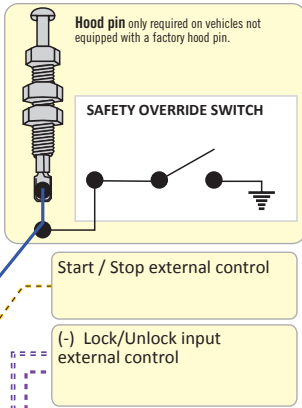
① ③ At Steering Column



⑤ At push-to-start button



**AUTOMATIC TRANSMISSION WIRING CONNECTION**



④ Back view 35-Pin grey Connector Driver's side, Left of the steering column.

⑤ Push START button  
Back view 10-Pin Black Connector Push-to-start button

②A Front Black 21-pin Connector ECU, Driver's side

① Back view 7-Pin Black Connector Steering Lock Connector

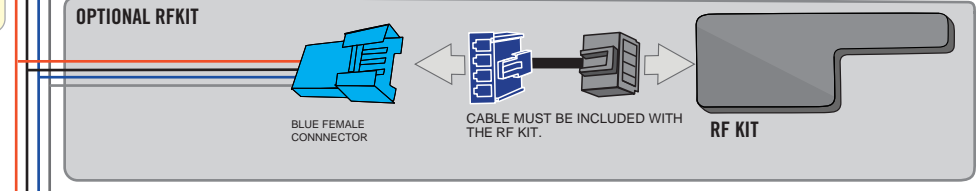
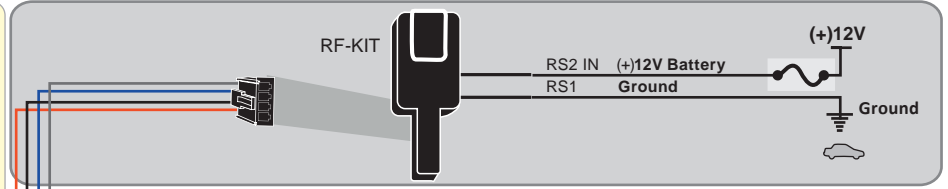
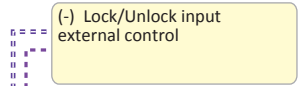
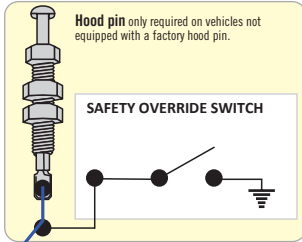
③ Back view White 42-pin Connector At Steering Column



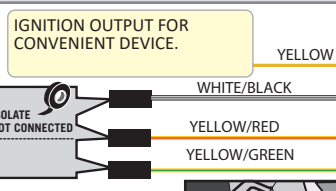
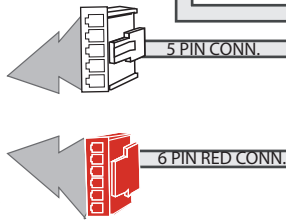
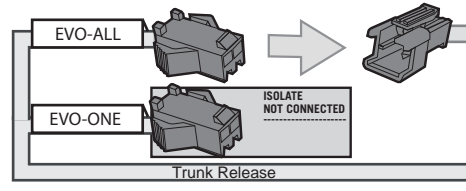
②B Front Black 30-pin Connector ECU, Driver's side

IDLE MODE

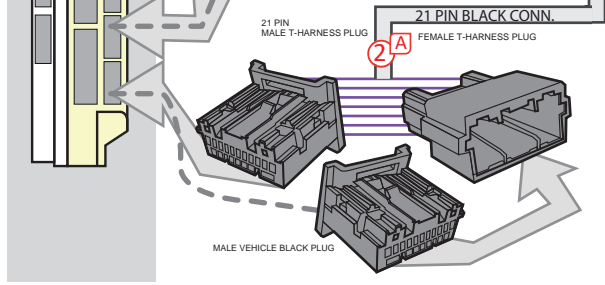
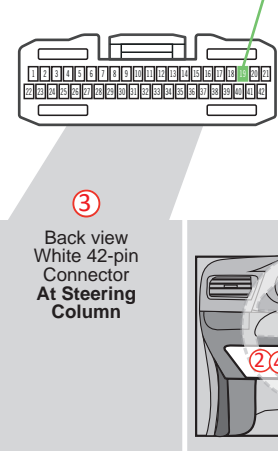
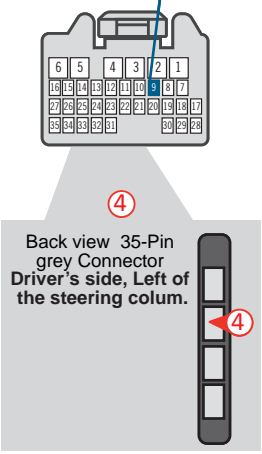
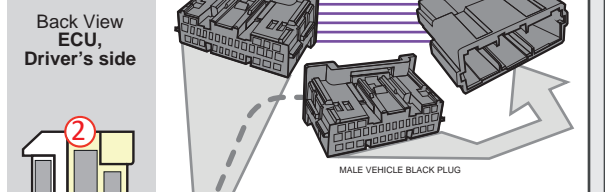
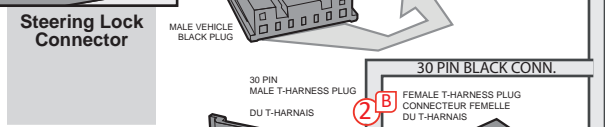
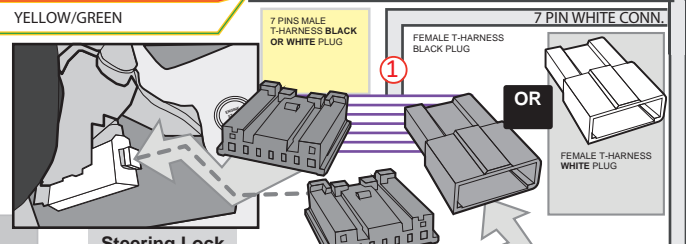
THAR-TOY13 | WIRING CONNECTION AUTOMATIC TRANSMISSION



YELLOW	In	A1
PURPLE	In	A2
PURPLE/WHITE	In	A3
GREEN	Out	A4
WHITE	Out	A5
ORANGE	In	A6
ORANGE/BLACK	In	A7
Dk.BLUE	In	A8
Red/BLUE	In	A9
Lt.BLUE/BLACK	In	A10
BLACK	Out	A11
PINK	Out	A12
YELLOW/BLACK	In	A13
BROWN/WHITE	Out	A14
PINK/BLACK	Out	A15
PURPLE/YELLOW	In	A16
GREEN/WHITE	In	A17
GREEN/RED	In	A18
WHITE/BLACK	In	A19
Lt.BLUE	In	A20



T-HARNESS - HARNAIS EN T THAR-TY70



**DCRYPTOR PROGRAMMING PROCEDURE**



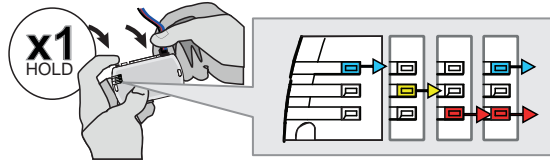
- Parts required (not included)**
- 1x **FLASH LINK UPDATER, FLASH LINK MANAGER** SOFTWARE
  - 1x Microsoft Windows Computer with Internet connection

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.**

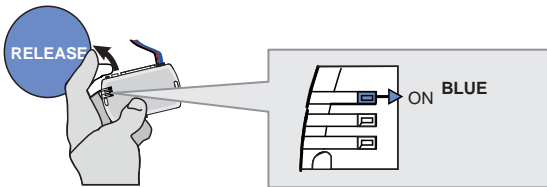
1



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

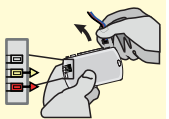
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

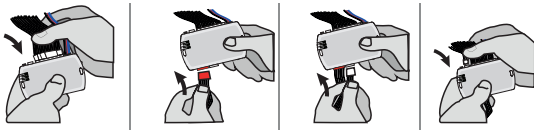


**Release** the programming button when the LED is BLUE.

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

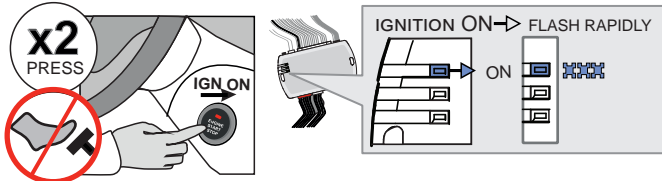


3



**Insert** the required remaining connectors.

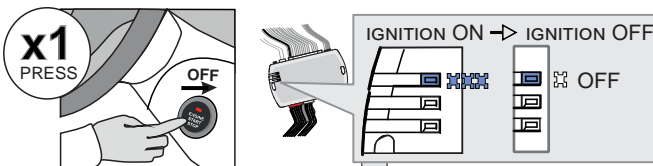
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

OR OU

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:  
**GO STEP 6** at Dcryptor process.

**CONTINUED NEXT PAGE**

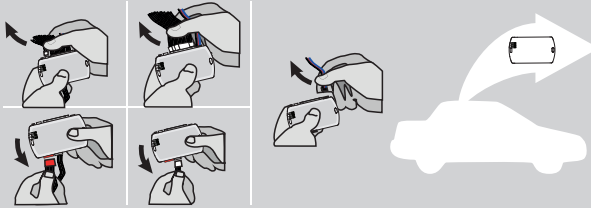
OR OU

→ OFF

↳ If the LEDS turn OFF:  
The module is now programmed.

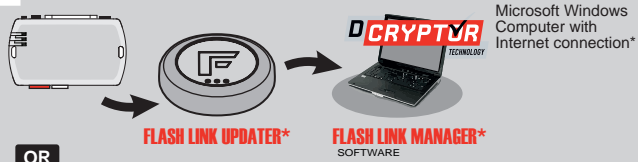
**KEY BYPASS PROGRAMMING PROCEDURE 2/2**

6



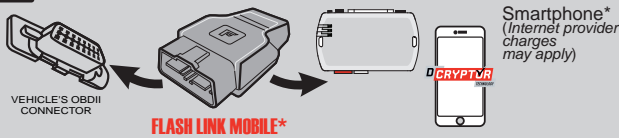
**Disconnect** all the connectors and after the Data-Link (4-pins) connector.

7



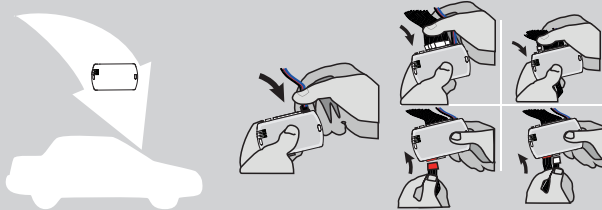
**Use the tool:**  
**FLASH LINK UPDATER** or  
**FLASH LINK MOBILE**  
to visit the DCryptor menu.

**OR**



\*Parts required (not included)

8



**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



Program bypass option:

**H2**

Supported RF-KITS enable








H2 Fortin 2

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>x2</b> PRESS</p> <p>Do not press the brake pedal. <b>Press twice</b> the to turn on the ignition.</p>	<p>2</p> <p>OFF <b>x1</b> PRESS</p> <p><b>Press the</b> Push-to-Start button once to turn off the ignition.</p>	<p>3</p> <p>ON <b>x2</b> PRESS</p> <p>Do not press the brake pedal. <b>Press twice</b> the to turn on the ignition.</p>	<p>4</p> <p>4X BRAKES</p> <p><b>x4</b> PRESS</p> <p><b>Press and release</b> 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>LOCK PRESS AND RELEASE</b></p> <p><b>1 BUTTON</b></p> <p><b>PRESS APPROX. 12 SEC. AND WAIT FOR THE BLUE LED TO TURN OFF THEN BACK ON SOLID THEN RELEASE.</b></p>	<p>6</p> <p>OFF <b>x1</b> PRESS</p> <p><b>Press the</b> Push-to-Start button once to turn off the ignition.</p>	
	<p>The <b>YELLOW</b> LED will turn ON solid.</p>	<p>The <b>YELLOW</b> LED will turn Off.</p>	<p>The <b>YELLOW</b> LED will turn ON solid.</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 <b>3 LED</b> will turn ON solid.</p>	<p>The <b>3 LED</b> will turn off.</p>	<p>The <b>3 LED</b> will turn ON solid.</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 <b>3 LED</b> will turn off.</p>
	<p>The <b>3 LED</b> will turn off each time.</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 <b>3 LED</b> 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 <b>3 LED</b> 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 <b>3 LED</b> will turn off.</p>



REMOTE STARTER FUNCTIONALITY

<p><b>START</b></p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p><b>UNLOCK</b></p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p><b>OFF</b></p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
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STANDALONE & THAR-TOY13 INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

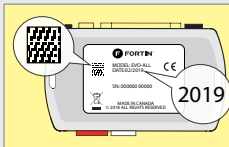


ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.



Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Parking Lights	Trunk Open	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring**
LEXUS																
LS 500	Push-to-Start 2018-2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



COMPATIBLE MODULE REQUIRED:

QR CODE ON THE LABEL  
MANUFACTURED AFTER: 2019

79.[66]  
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

D6

Push-to-Start

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:

A11

OFF

Hood trigger (Output Status).

NOTES

NO KEY TAKEOVER



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



\*\*The vehicles OEM remote and SmartKey are still operable during remote start.



Parts required (Not included)

1X Fuse

MANDATORY INSTALL

\*HOOD PIN



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

A11

OFF

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

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

NOTES

		Parts required (Not included)	PAGE
<b>WIRE TO WIRE DIAGRAM</b>			
1 KEY PROGRAMMATION	AUTOMATIC TRANSMISSION	1x Fuse	Page 5
<b>THARNESSE DIAGRAM</b>			
THARNESSE THAR-TOY13	AUTOMATIC TRANSMISSION	1x THAR-TY70	Page 6

**PARTS REQUIRED (NOT INCLUDED)**


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

OR

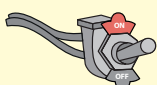
1x **FLASH LINK MOBILE**  
 1x **FLASH LINK MOBILE APP**  
 Smartphone Android or iOS with Internet connection (provider charges may apply).

**MANDATORY**

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH


Part #: RSPB available, Sold separately.

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


**STAND ALONE CONFIGURATION**

	Program bypass option	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.



**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**

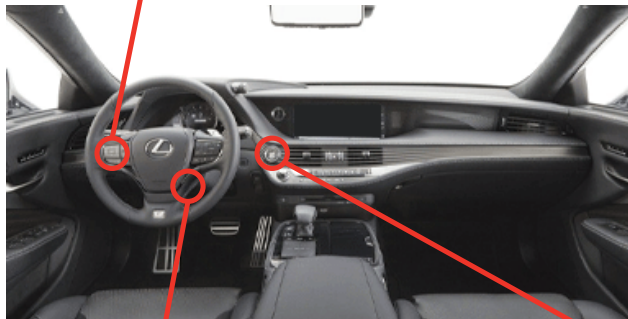
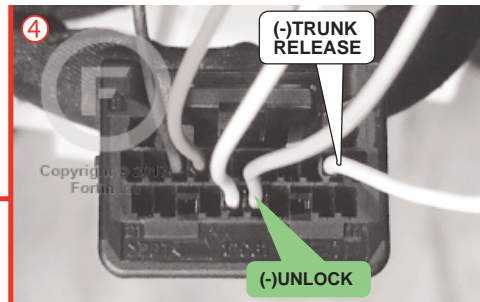
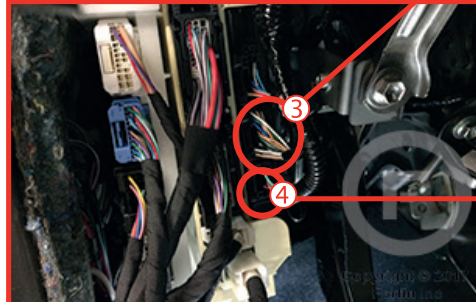
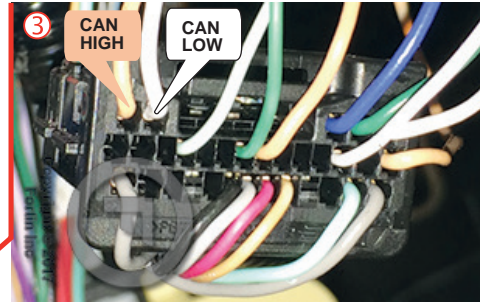


REMOTE STARTER

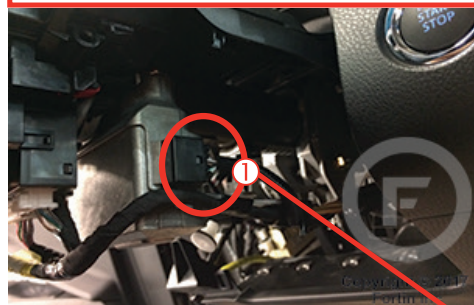
THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION

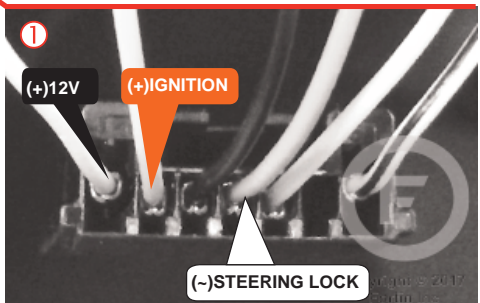
③④ ECU, Driver's side



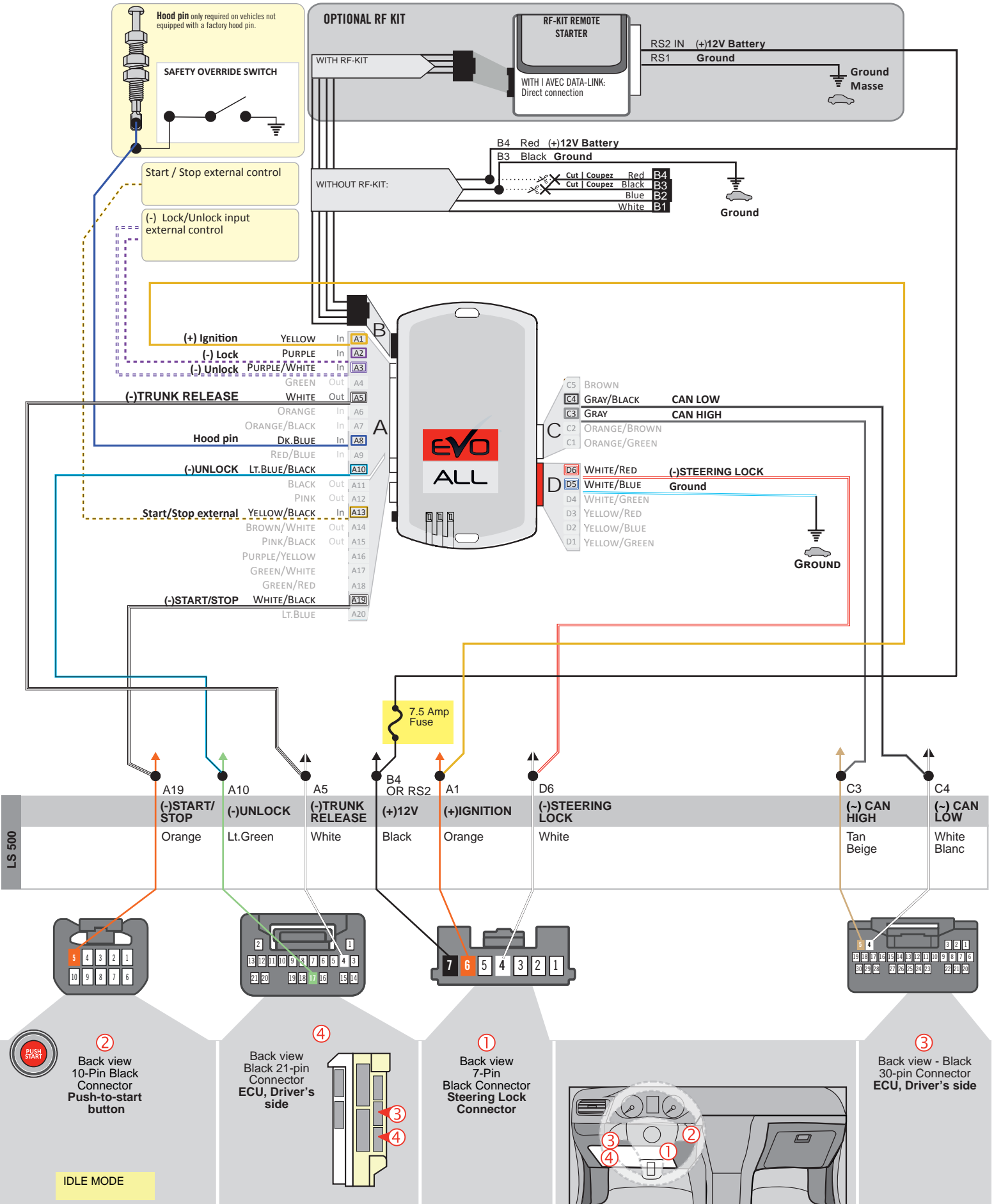
① At Steering Column



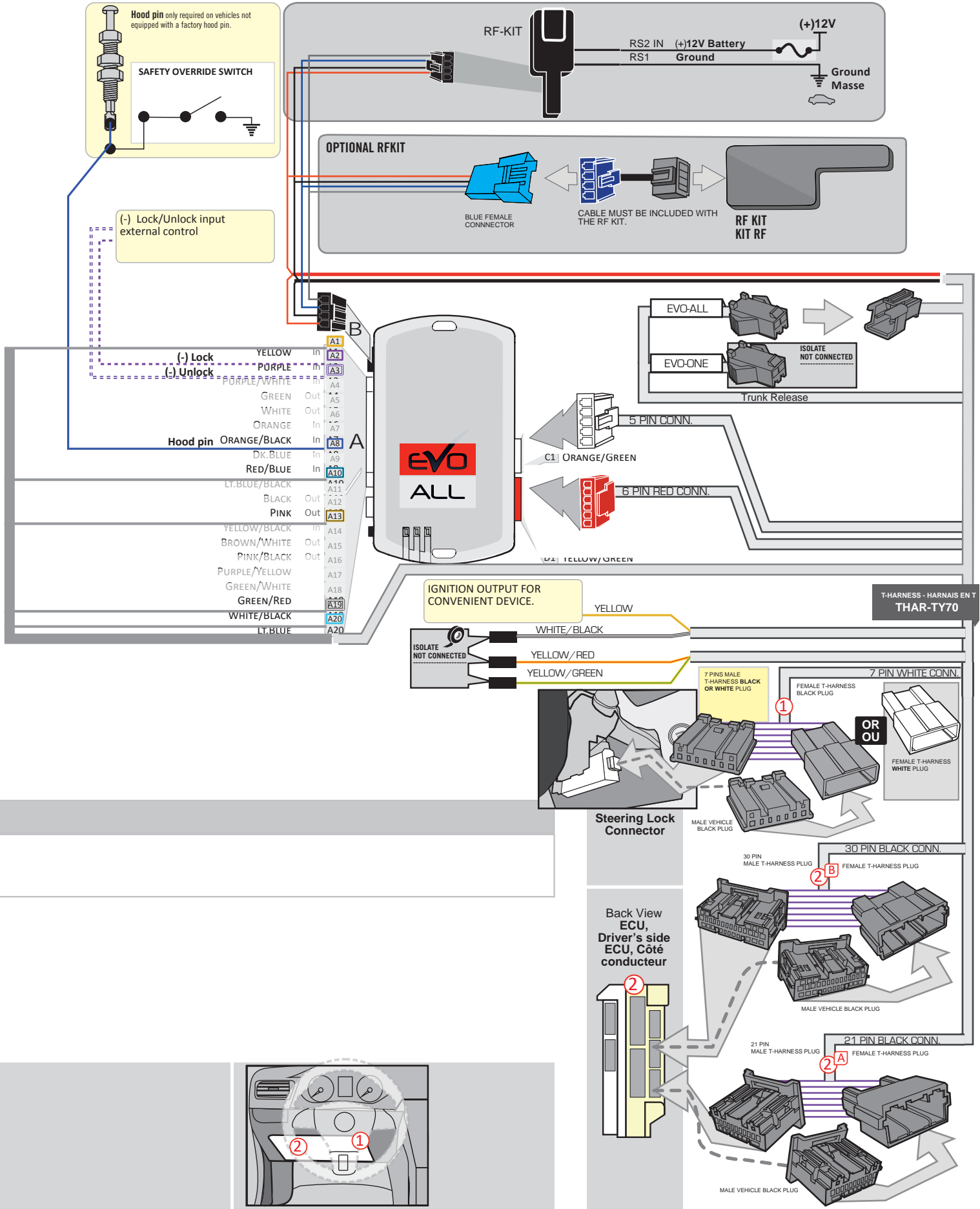
② At push-to-start button



**AUTOMATIC TRANSMISSION WIRING CONNECTION**



THAR-TOY13 | WIRING CONNECTION AUTOMATIC TRANSMISSION





**DCRYPTOR PROGRAMMING PROCEDURE**



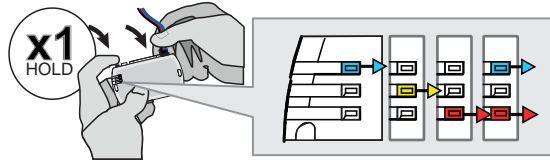
- Parts required (not included)**
- 1x **FLASH LINK UPDATER, FLASH LINK MANAGER** SOFTWARE
  - 1x Microsoft Windows Computer with Internet connection

OR

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

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

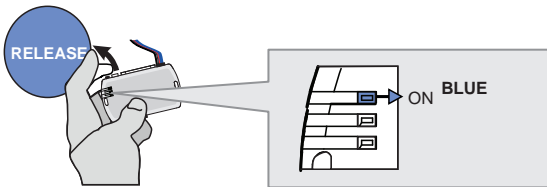
1



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

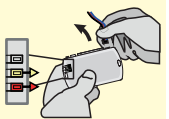
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

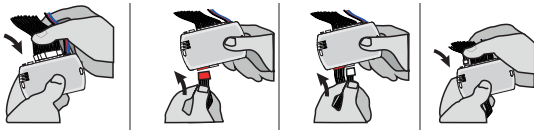


**Release** the programming button when the LED is BLUE.

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

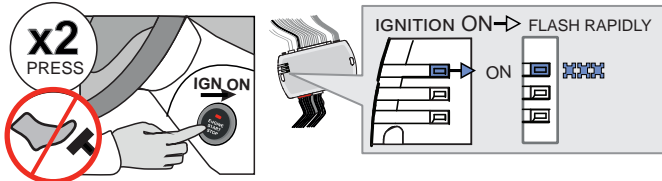


3



**Insert** the required remaining connectors.

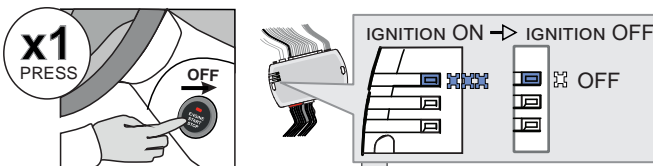
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:  
**GO STEP 6** at Dcryptor process.

CONTINUED NEXT PAGE

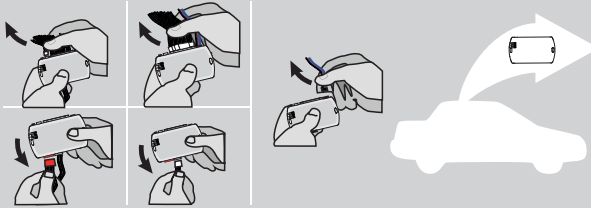
→ OFF

↳ If the LEDS turn OFF:  
The module is now programmed.



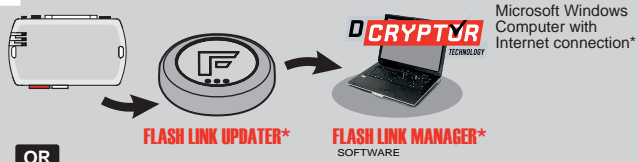
**KEY BYPASS PROGRAMMING PROCEDURE 2/2**

6



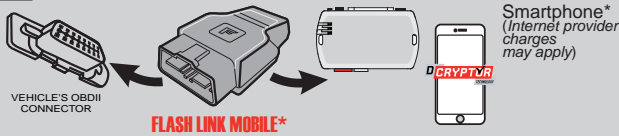
**Disconnect** all the connectors and after the Data-Link (4-pins) connector.

7



Microsoft Windows  
Computer with  
Internet connection\*

OR  
OU

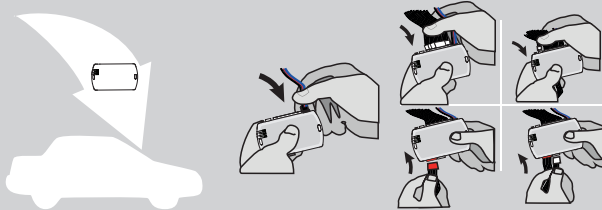


Smartphone\*  
(Internet provider  
charges may apply)

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

\*Parts required (not included)

8



**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



Program bypass option:

**H2**

Supported RF-KITS enable








H2 Fortin 2

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>x2</b> PRESS</p> <p>Do not press the brake pedal. <b>Press twice</b> the to turn on the ignition.</p>	<p>2</p> <p>OFF <b>x1</b> PRESS</p> <p><b>Press the Push-to-Start button once</b> to turn off the ignition.</p>	<p>3</p> <p>ON <b>x2</b> PRESS</p> <p>Do not press the brake pedal. <b>Press twice</b> the to turn on the ignition.</p>	<p>4</p> <p>4X BRAKES</p> <p><b>x4</b> PRESS</p> <p><b>Press and release the brake pedal four times.</b></p>	<p>5</p> <p>ON EACH TRANSMITTER</p> <p><b>4 BUTTONS</b></p> <p>[-] PRESS AND RELEASE</p> <p>→</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>x1</b> PRESS</p> <p><b>Press the Push-to-Start button once</b> to turn off the ignition.</p>	
	<p>The YELLOW LED will turn ON solid.</p>	<p>The YELLOW LED will turn Off.</p>	<p>The YELLOW LED will turn ON solid.</p>	<p>The 3 LED will turn ON solid.</p>	<p>The LED will flash rapidly.</p>	<p>The LED will flash rapidly.</p>	<p>The 3 LED will turn off.</p>
	<p>The LED will turn ON solide.</p>	<p>The LED will turn ON solide.</p>	<p>The LED will turn ON solide.</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 ON solid.</p>	<p>The 3 LED will turn ON solid.</p>	<p>The 3 LED will turn ON solid.</p>	<p>The 3 LED will turn ON solid.</p>	<p>The 3 LED will turn ON solid.</p>	<p>The 3 LED will turn ON solid.</p>	<p>The 3 LED will turn ON solid.</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>	<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>	<p>The 3 LED will turn off each time.</p>	<p>The 3 LED will turn off each time.</p>



REMOTE STARTER FUNCTIONALITY

<p><b>START</b></p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p><b>UNLOCK</b></p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p><b>OFF</b></p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
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# STANDALONE & THAR-TOY13 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 T-Harnais	Lock	Unlock	Arm	Disarm	Parking Lights	Tachometer	Autolight	Trunk Release	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring**
TOYOTA																	
RAV4	Push-to-Start 2021	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

**COMPATIBLE MODULE REQUIRED:**

**QR CODE ON THE LABEL**  
MANUFACTURED AFTER: 2019

FIRMWARE VERSION

79.[66]

MINIMUM

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

	UNIT OPTION	DESCRIPTION
<p><b>Program bypass option:</b></p>	C1	OEM Remote status (Lock/Unlock) monitoring
	A12	Unlock before trunk release
	D6	Push-to-Start
<p><b>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</b></p>	A11	OFF
		Hood trigger (Output Status).

## NOTES

\*\* The vehicles OEM remote and SmartKey are still operable during remote start.

## NO KEY TAKEOVER

MANDATORY INSTALL

**\*HOOD PIN**

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

A11

OFF  
NON

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

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

NOTES

		Parts required (Not included)		PAGE
--	--	-------------------------------	--	------

**WIRE TO WIRE DIAGRAM**

	AUTOMATIC TRANSMISSION	1X Diode	1X Diode	Page 5
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**THARNESSE DIAGRAM**

THARNESSE THAR-TOY13	AUTOMATIC TRANSMISSION	1x THAR-TOY13	1x THAR-TOY13	Page 6
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**PARTS REQUIRED (NOT INCLUDED)**


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

OR

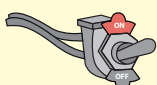
1x **FLASH LINK MOBILE**  
 1x **FLASH LINK MOBILE APP**  
 Smartphone Android or iOS with Internet connection (provider charges may apply).

**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**

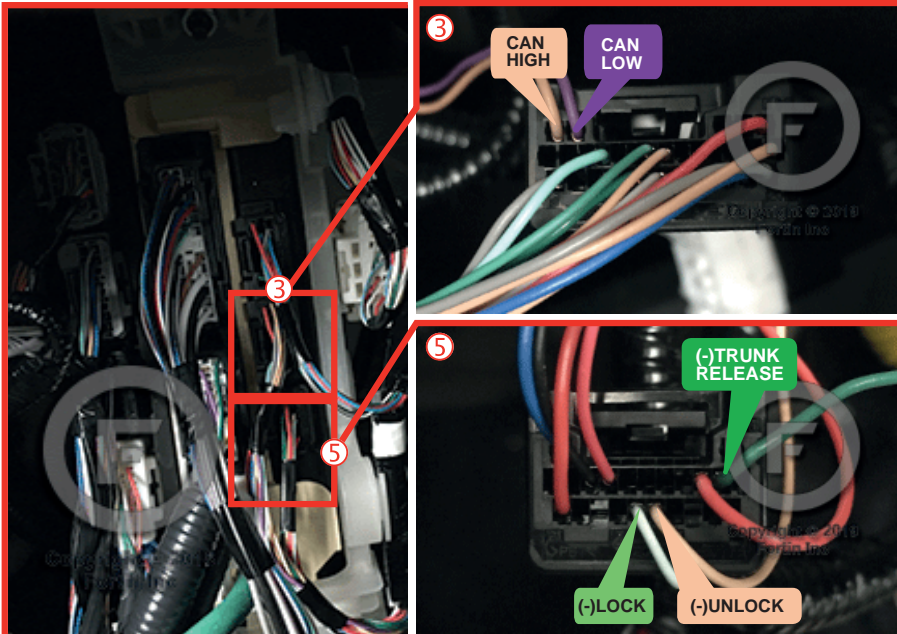


REMOTE STARTER

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

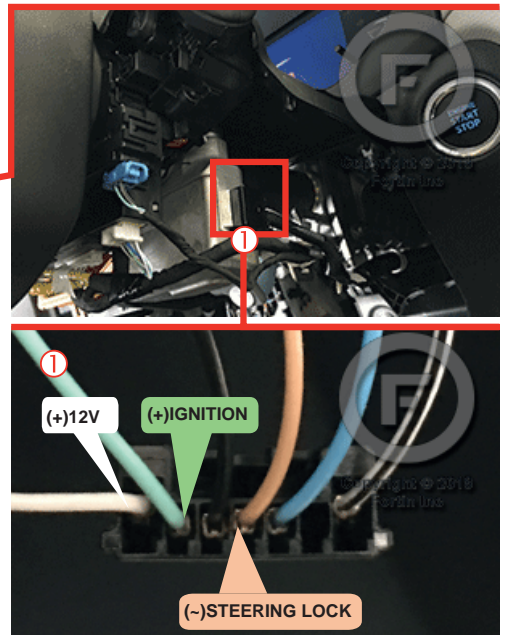
③ ⑤ ECU, Driver's side



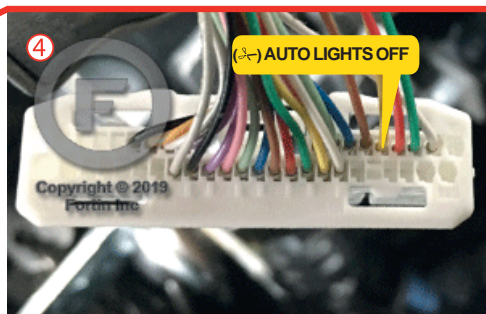
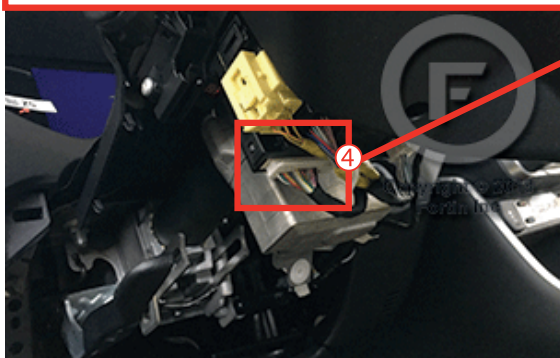
② At push-to-start button



① At Steering Column

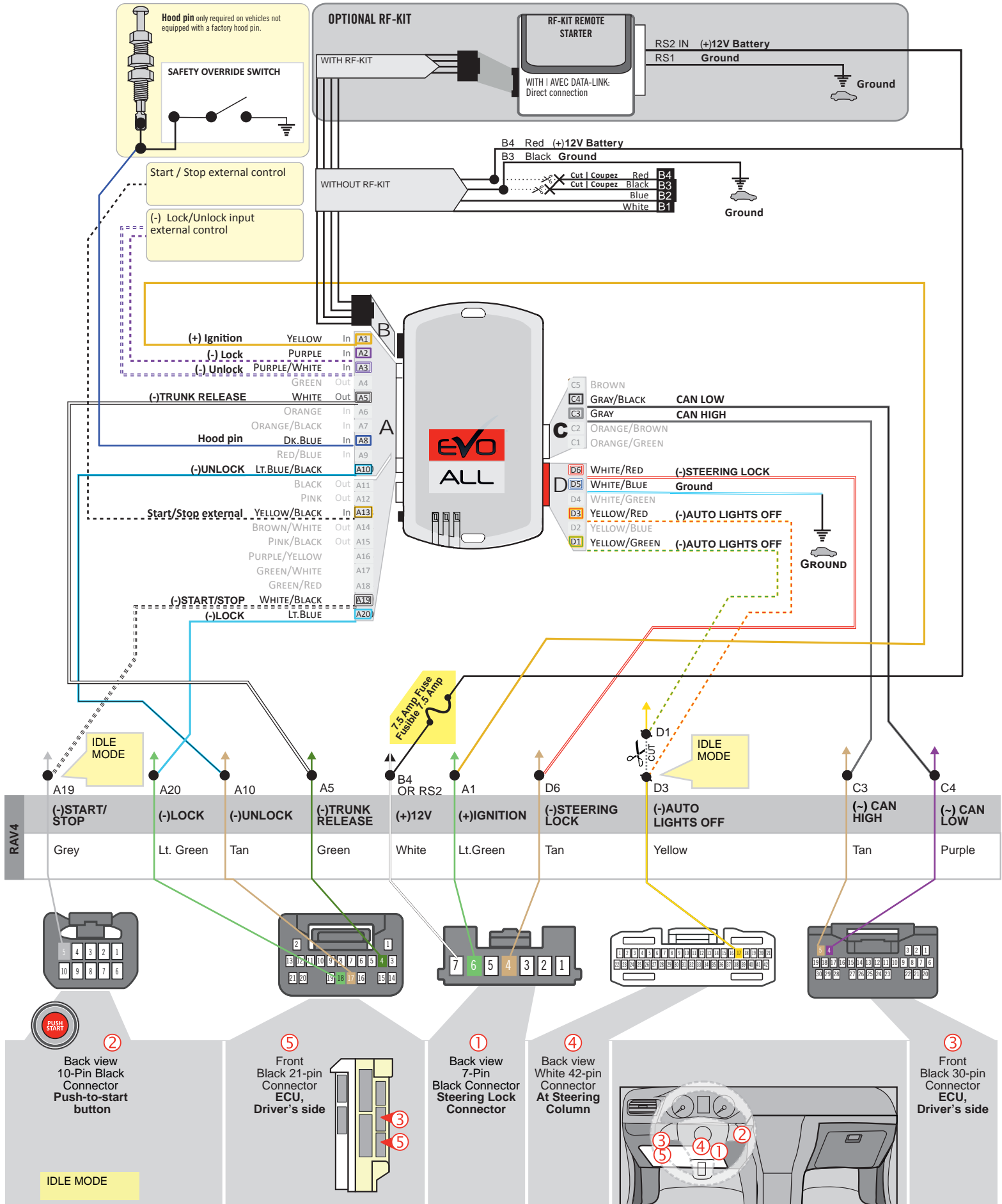


④ At Steering Column

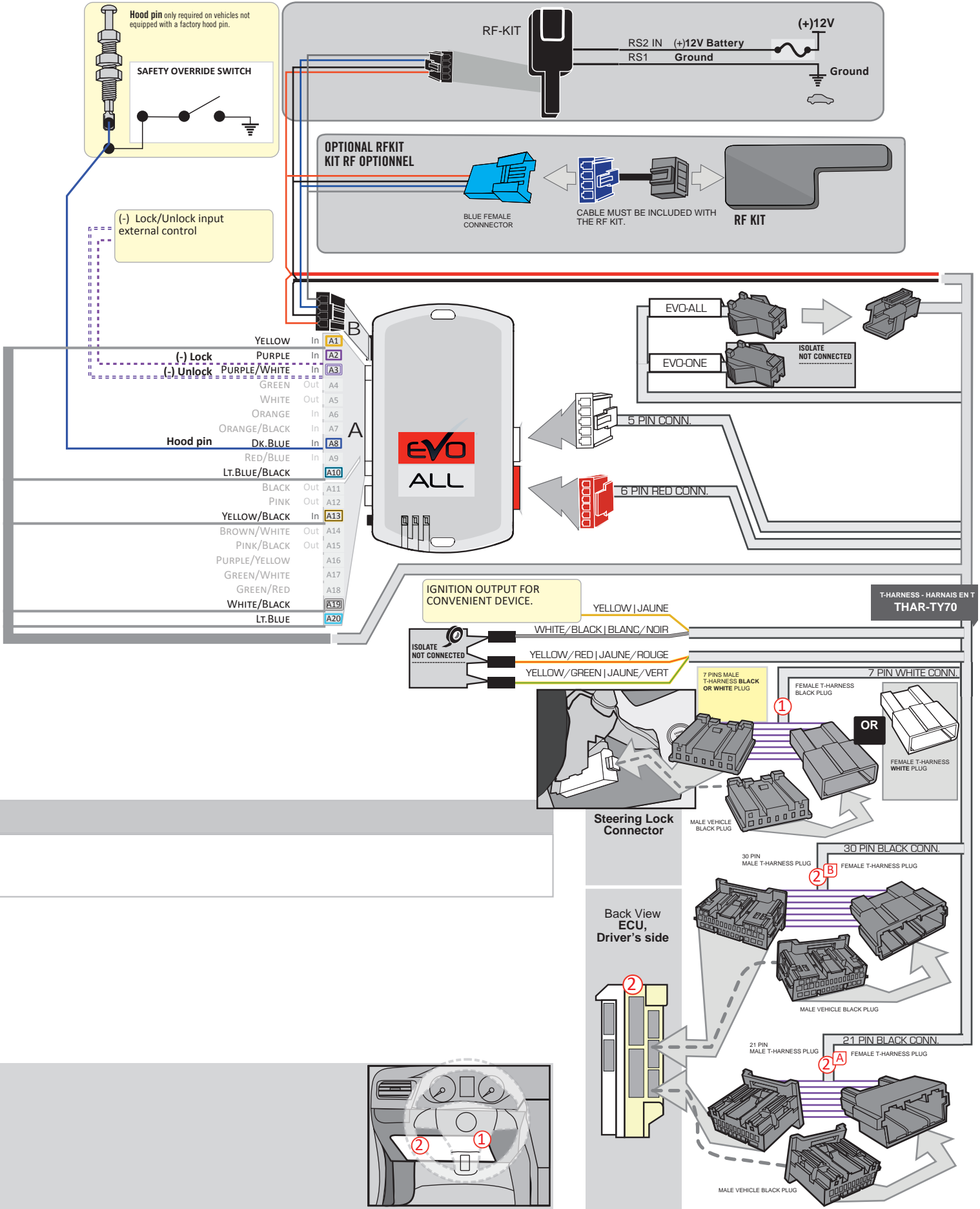




**AUTOMATIC TRANSMISSION WIRING CONNECTION**



THAR-TOY13 | WIRING CONNECTION AUTOMATIC TRANSMISSION



RAV4

**DCRYPTOR PROGRAMMING PROCEDURE**



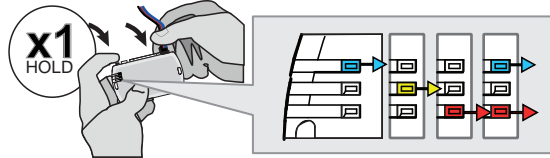
- Parts required (not included)**
- 1x **FLASH LINK UPDATER,**
  - 1x **FLASH LINK MANAGER**  
SOFTWARE | PROGRAMME
  - 1x Microsoft Windows Computer with Internet connection

OR

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

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

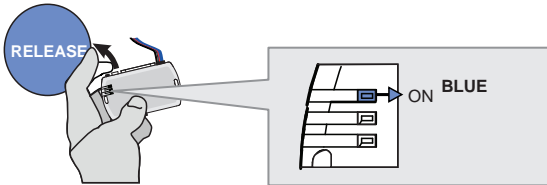
1



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

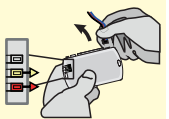
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

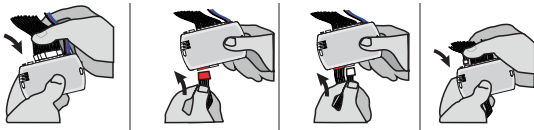


**Release** the programming button when the LED is BLUE.

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

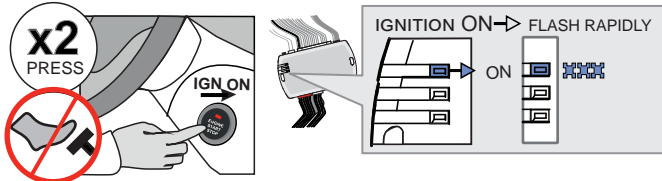


3



**Insert** the required remaining connectors.

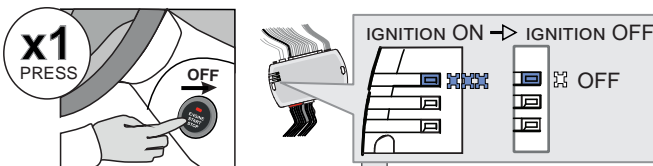
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

OR

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:

**GO STEP 6** at Dcryptor process.

**CONTINUED NEXT PAGE**

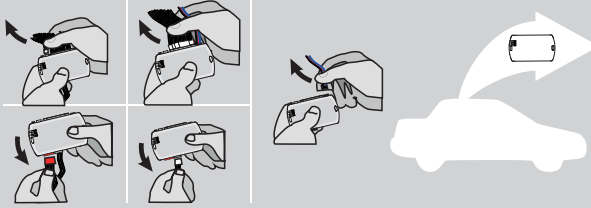
→ OFF

↳ If the LEDS turn OFF:

The module is now programmed.

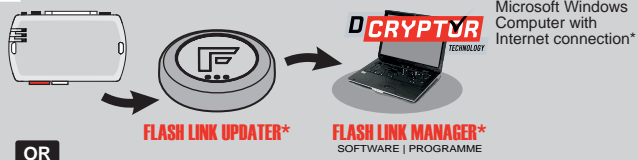
KEY BYPASS PROGRAMMING PROCEDURE 2/2

6

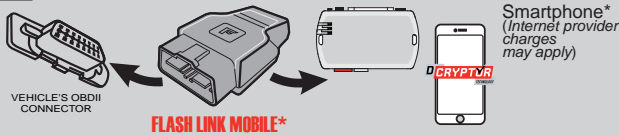


**Disconnect** all the connectors and after the Data-Link (4-pins) connector.

7



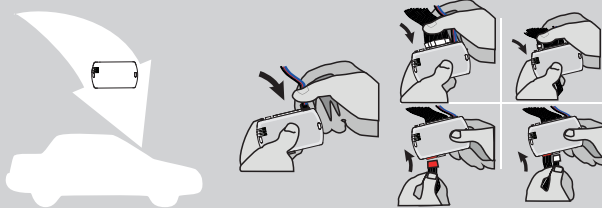
OR



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

\*Parts required (not included)

8



**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.

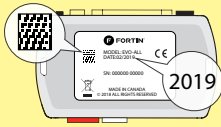
REMOTE STARTER FUNCTIONALITY


<p><b>START</b></p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p><b>UNLOCK</b></p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p><b>OFF</b></p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
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# THAR-TOY13 THARNES INSTALLATION


## ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)													
		Immobilizer bypass	Lock	Unlock	Arm	Disarm	Trunk (open)	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring**
															
<b>TOYOTA</b>															
Camry	Push-to-Start 2018-2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•

	<b>COMPATIBLE MODULE REQUIRED:</b>	<b>QR CODE ON THE LABEL</b> MANUFACTURED AFTER: 2019	<b>FIRMWARE VERSION</b> <b>79.[66]</b> MINIMUM	To add the firmware version and the options, use the <b>FLASH LINK UPDATER</b> or <b>FLASH LINK MOBILE</b> tool, sold separately.
---	------------------------------------	---	--	---


	Program bypass option:	UNIT OPTION	DESCRIPTION
		<b>C1</b>	OEM Remote status (Lock/Unlock) monitoring
		<b>D6</b>	Push-to-Start
	<b>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</b>	<b>A11</b>	<b>OFF</b> Hood trigger (Output Status).

**NOTES**

\*  The vehicles OEM remote and SmartKey are still operable during remote start.

**NO KEY TAKEOVER**

**MANDATORY INSTALL**

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

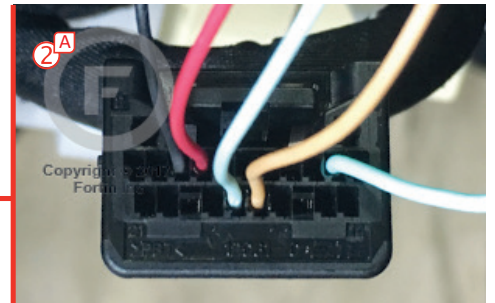
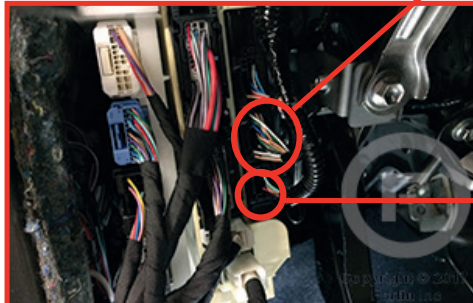
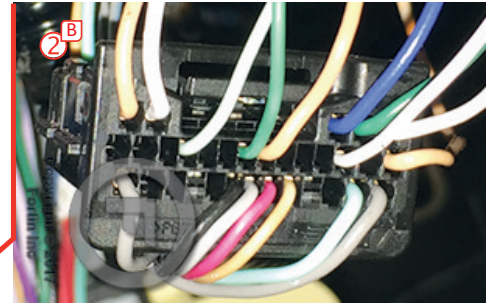
**A11** **OFF** **NON**

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

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

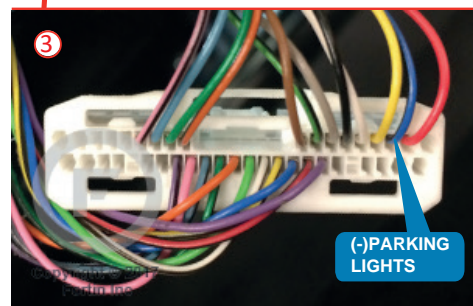
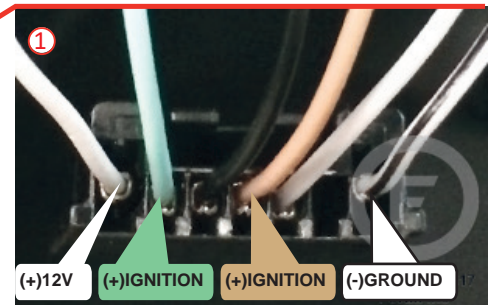
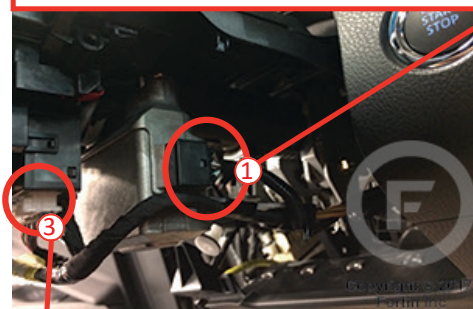
DESCRIPTION

② ECU, Driver's side

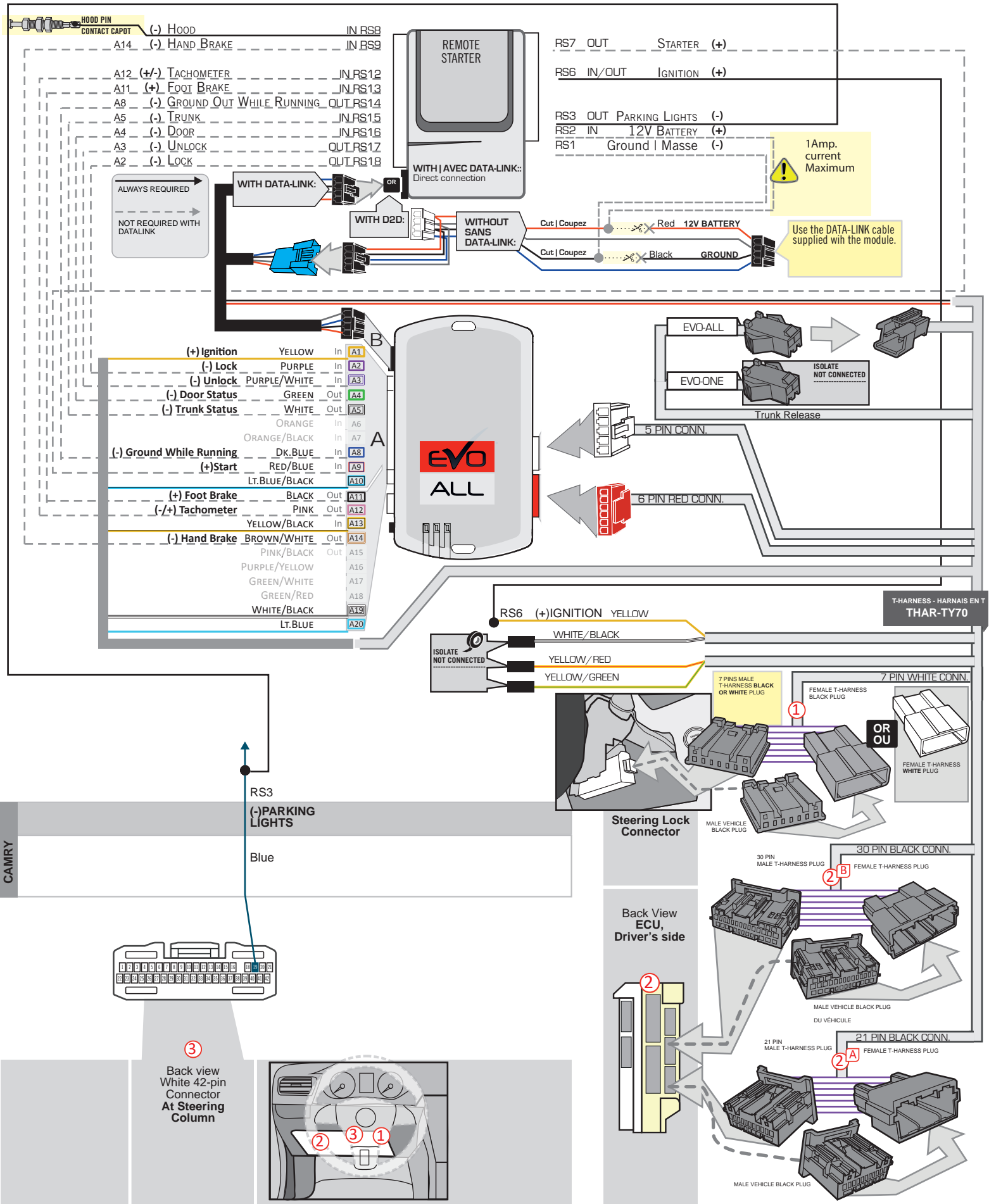


① ③ At Steering Column

Steering Lock Connector



THAR-TOY13 | WIRING CONNECTION





**DCRYPTOR PROGRAMMING PROCEDURE**



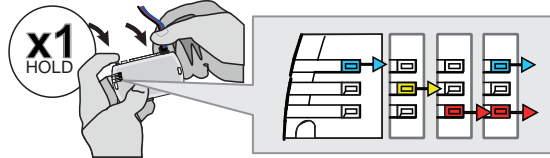
- Parts required (not included)**
- 1x **FLASH LINK UPDATER,**
  - 1x **FLASH LINK MANAGER**  
SOFTWARE | PROGRAMME
  - 1x Microsoft Windows Computer with Internet connection

OR  
OU

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

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

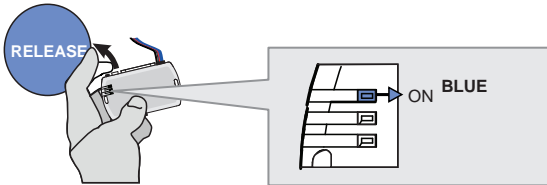
1



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

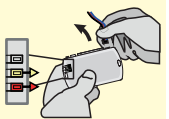
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

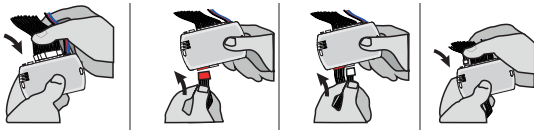


**Release** the programming button when the LED is BLUE.

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

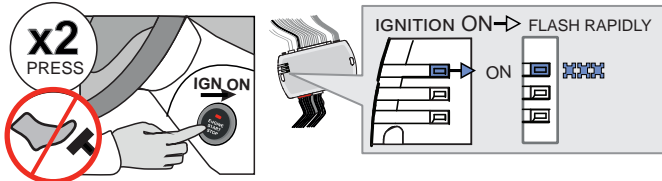


3



**Insert** the required remaining connectors.

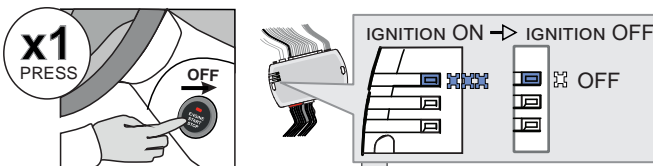
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:  
**GO STEP 6** at Dcryptor process.

CONTINUED NEXT PAGE

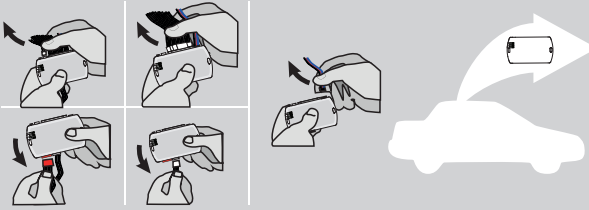
→ OFF

↳ If the LEDS turn OFF:  
The module is now programmed.



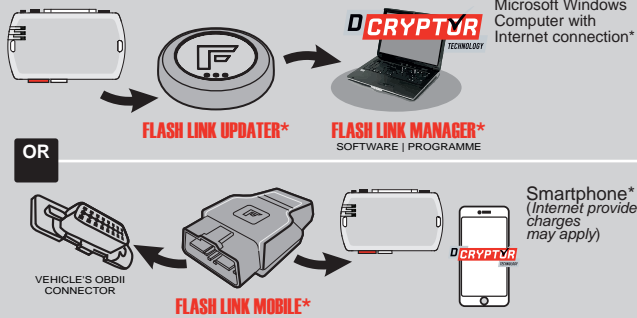
**KEY BYPASS PROGRAMMING PROCEDURE 2/2**

6



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

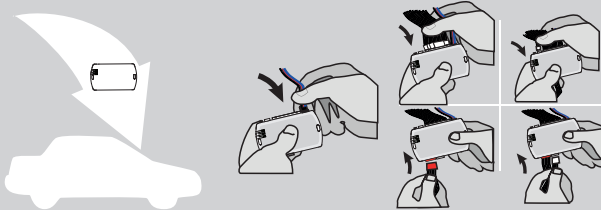
7



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

\*Parts required (not included)

8



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





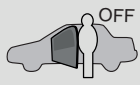
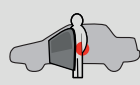



The module is now programmed.



**REMOTE STARTER / ALARM VERIFICATION PROCEDURE**


Test the remote starter. Remote start the vehicle.

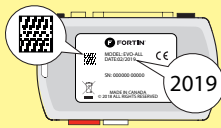
REMOTE STARTER FUNCTIONALITY


<p><b>START</b></p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p><b>UNLOCK</b></p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p><b>OFF</b></p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
--	---	--	--	--	--	---

# THAR-TOY13 THARNES INSTALLATION

## ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)													
		Immobilizer bypass	Lock	Unlock	Arm	Disarm	Trunk (open)	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring**
															
<b>TOYOTA</b>															
Camry	Hybrid Push-to-Start 2018-2021	•	•	•	•	•	•	•	•	•	•	•	•	•	•

	<b>COMPATIBLE MODULE REQUIRED:</b>	<b>QR CODE ON THE LABEL</b> MANUFACTURED AFTER: <b>2019</b>	<b>FIRMWARE VERSION</b>  <b>79.[66]</b> MINIMUM	To add the firmware version and the options, use the <b>FLASH LINK UPDATER</b> or <b>FLASH LINK MOBILE</b> tool, sold separately.
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	UNIT OPTION	DESCRIPTION
 <b>Program bypass option:</b>	<b>C1</b>	OEM Remote status (Lock/Unlock) monitoring
<b>Program bypass option (Vehicle hybrid only):</b>	<b>D4</b>	Hybrid mode (Vehicle hybrid only)
	<b>D6</b>	Push-to-Start
<b>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</b>	<b>A11</b>	<b>OFF</b> Hood trigger (Output Status).

### NOTES



The vehicles OEM remote and SmartKey are still operable during remote start.

### NO KEY TAKEOVER

### MANDATORY INSTALL

\*HOOD PIN



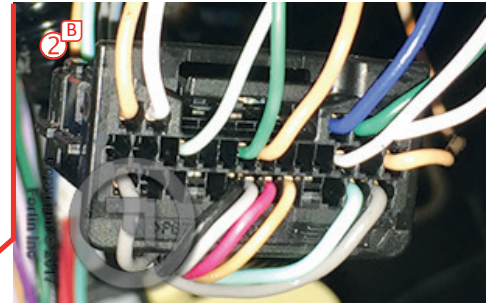
**HOOD STATUS:** THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

<b>A11</b>	<b>OFF</b>
------------	------------

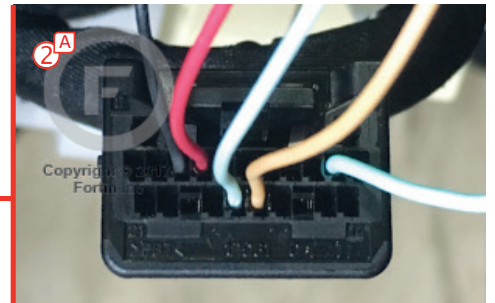
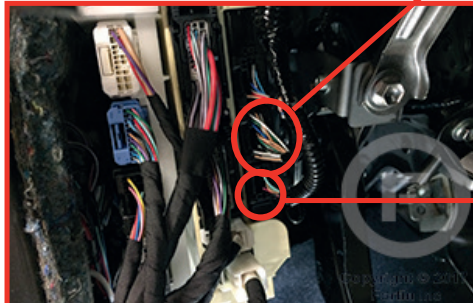
**Notice:** the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

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

DESCRIPTION



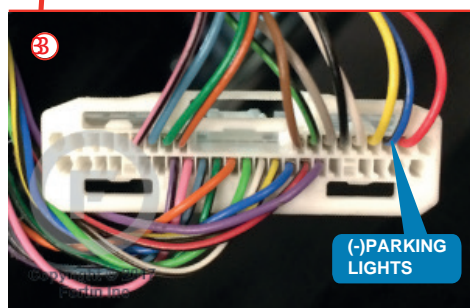
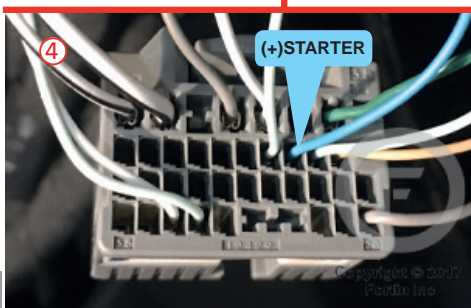
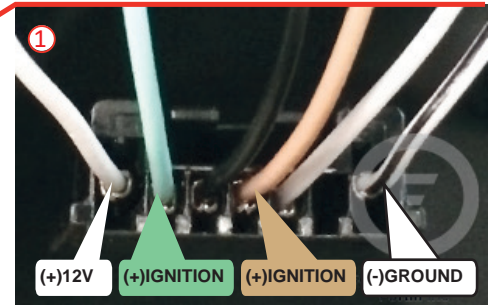
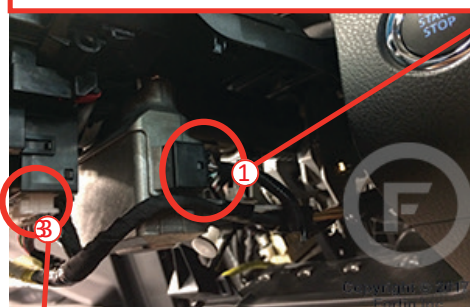
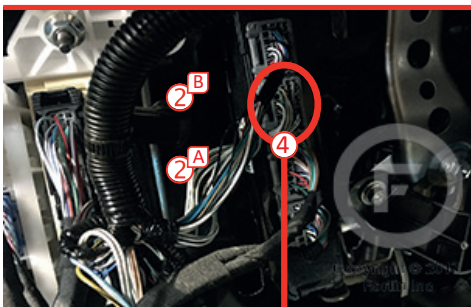
② ECU, Driver's side

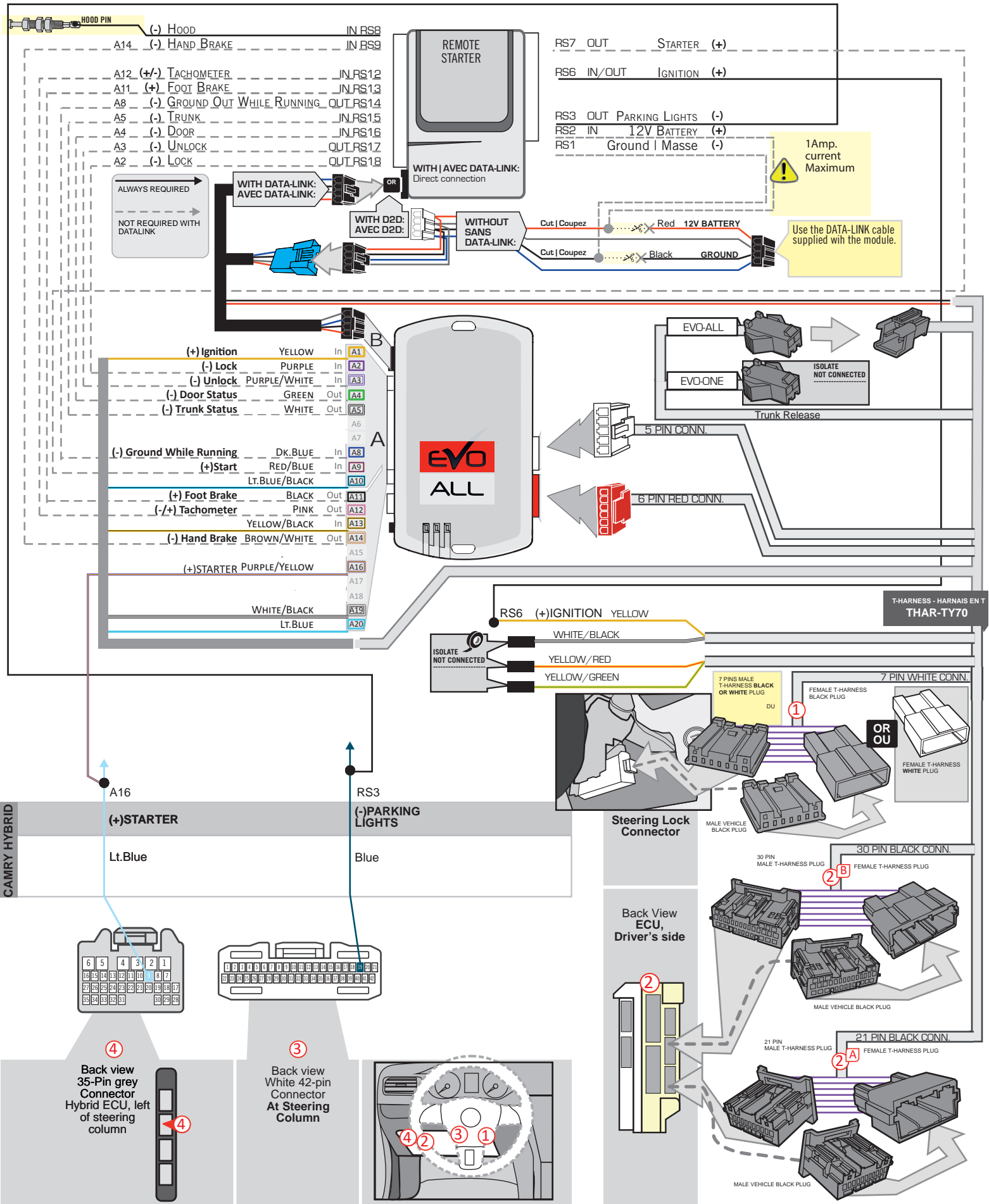


② ④ Hybrid ECU, left of steering column

③ ① At Steering Column

Steering Lock Connector





**DCRYPTOR PROGRAMMING PROCEDURE |**

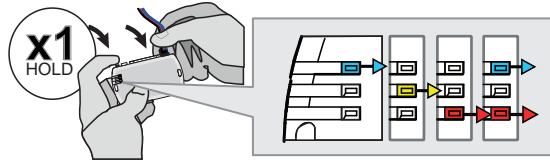


- Parts required (not included)**
- 1x **FLASH LINK UPDATER, FLASH LINK MANAGER**  
SOFTWARE | PROGRAMME
  - 1x Microsoft Windows Computer with Internet connection

OR  
OU

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

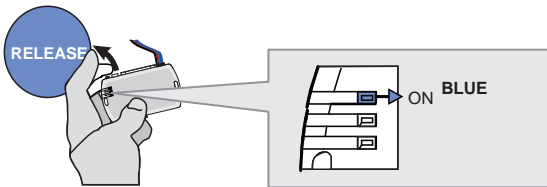
1



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

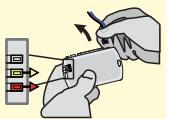
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

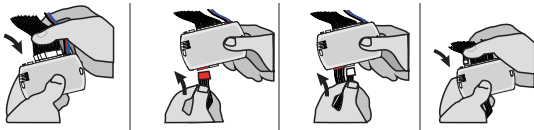


**Release** the programming button when the LED is BLUE.

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

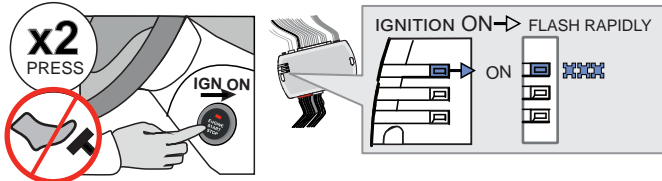


3



**Insert** the required remaining connectors.

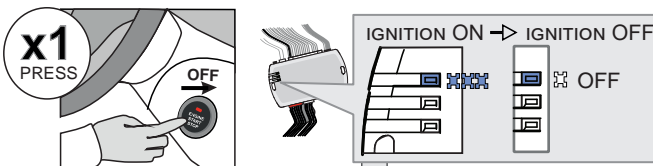
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:  
**GO STEP 6** at Dcryptor process.

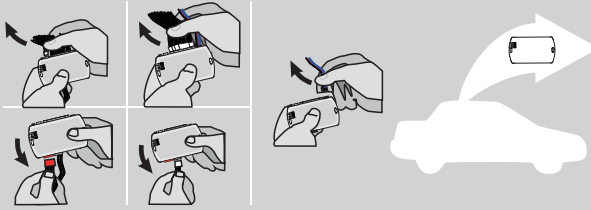
→ OFF

↳ If the LEDs turn OFF:  
The module is now programmed.



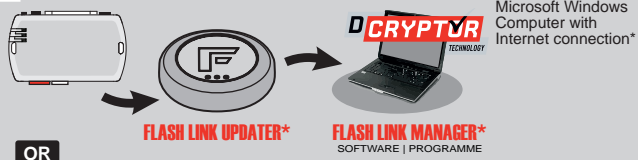
KEY BYPASS PROGRAMMING PROCEDURE 2/2 |

6



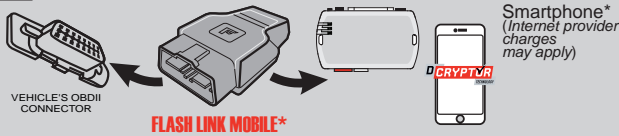
**Disconnect** all the connectors and after the Data-Link (4-pins) connector.

7



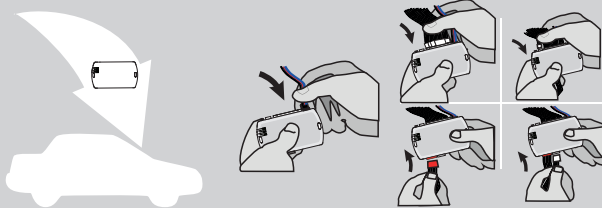
Use the tool: **FLASH LINK UPDATER** or **FLASH LINK MOBILE** to visit the DCryptor menu.

OR



\*Parts required (not included)

8



**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 |

<p style="text-align: center;">START</p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p style="text-align: center;">UNLOCK</p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p style="text-align: center;">OFF</p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
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# THAR-TOY13 THARNNESS INSTALLATION

## ADDENDUM - SUGGESTED WIRING CONFIGURATION



Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Immobilizer bypass	Lock	Unlock	Arm	Disarm	Parking Lights	Trunk Release	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring**
<b>TOYOTA</b>															
Corolla	<i>hatchback Push-to-Start</i>	2019-2021	•	•	•	•	•	•	•	•	•	•	•	•	•
	<i>Push-to-Start</i>	2020-2022	•	•	•	•	•	•	•	•	•	•	•	•	•

	<b>COMPATIBLE MODULE REQUIRED:</b>	<b>QR CODE ON THE LABEL</b> MANUFACTURED AFTER: 2019	<b>FIRMWARE VERSION</b>  <b>79.[66]</b> MINIMUM	To add the firmware version and the options, use the <b>FLASH LINK UPDATER</b> or <b>FLASH LINK MOBILE</b> tool, sold separately.
--	------------------------------------	--	--	---

	Program bypass option:	UNIT OPTION	DESCRIPTION
		<b>C1</b>	OEM Remote status (Lock/Unlock) monitoring
Program bypass option ( <b>Vehicle hybrid only</b> ):		<b>D4</b>	Hybrid mode (Vehicle hybrid only)
		<b>D6</b>	Push-to-Start
<b>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</b>		<b>A11</b>	<b>OFF</b> Hood trigger (Output Status).
		<b>A12</b>	Unlock before trunk release

### NOTES



The vehicles OEM remote and SmartKey are still operable during remote start.

### NO KEY TAKEOVER

### MANDATORY INSTALL

\*HOOD PIN



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

**A11**

**OFF**

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

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

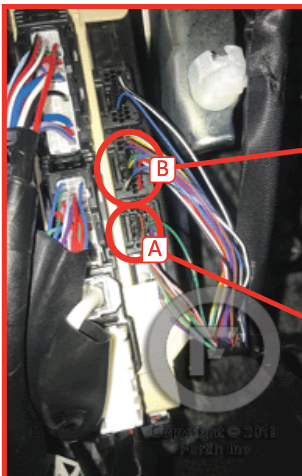
DESCRIPTION

	Parts required (Not included)	PAGE
--	-------------------------------	------

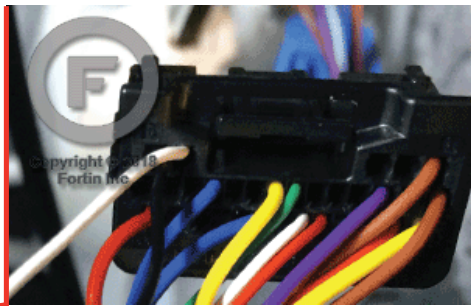
REV.1 CONFIG.1 THARNESS DIAGRAM

AUTOMATIC TRANSMISSION	1x THAR-TOY13	Page 3
MANUAL TRANSMISSION	1x THAR-TOY13	Page 4

② ECU, Driver's side



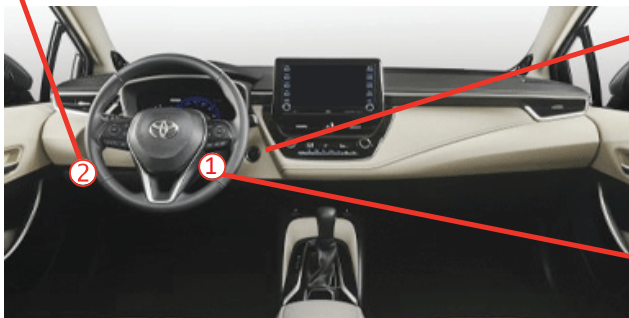
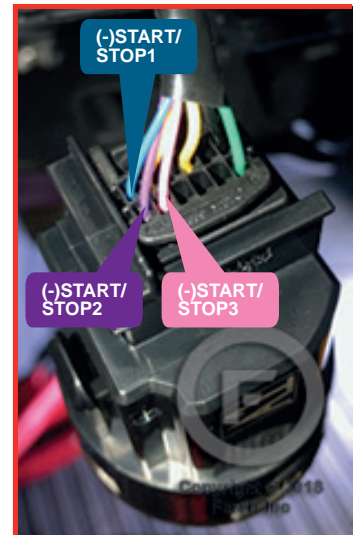
②B



②A



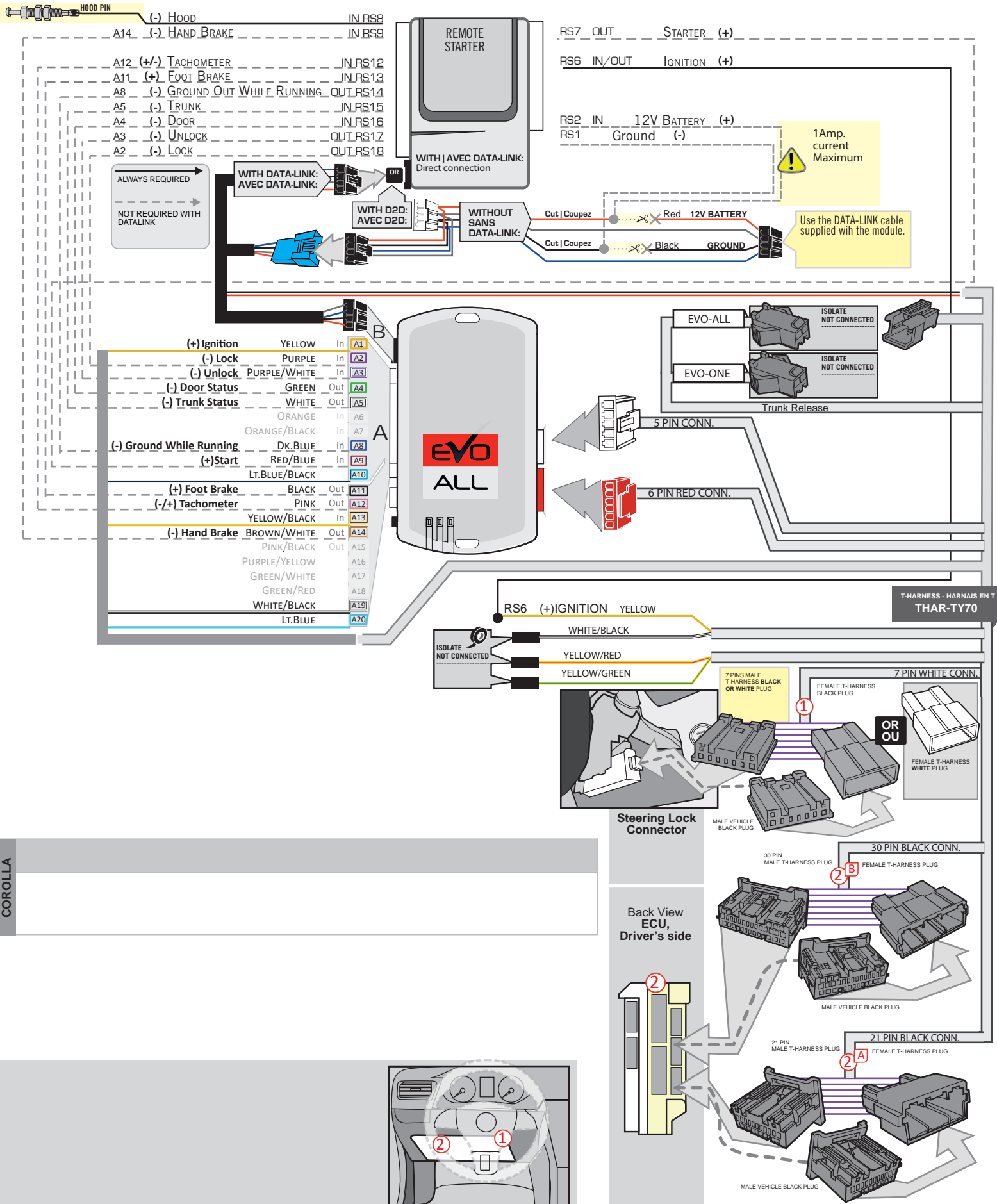
Push-to-start button.



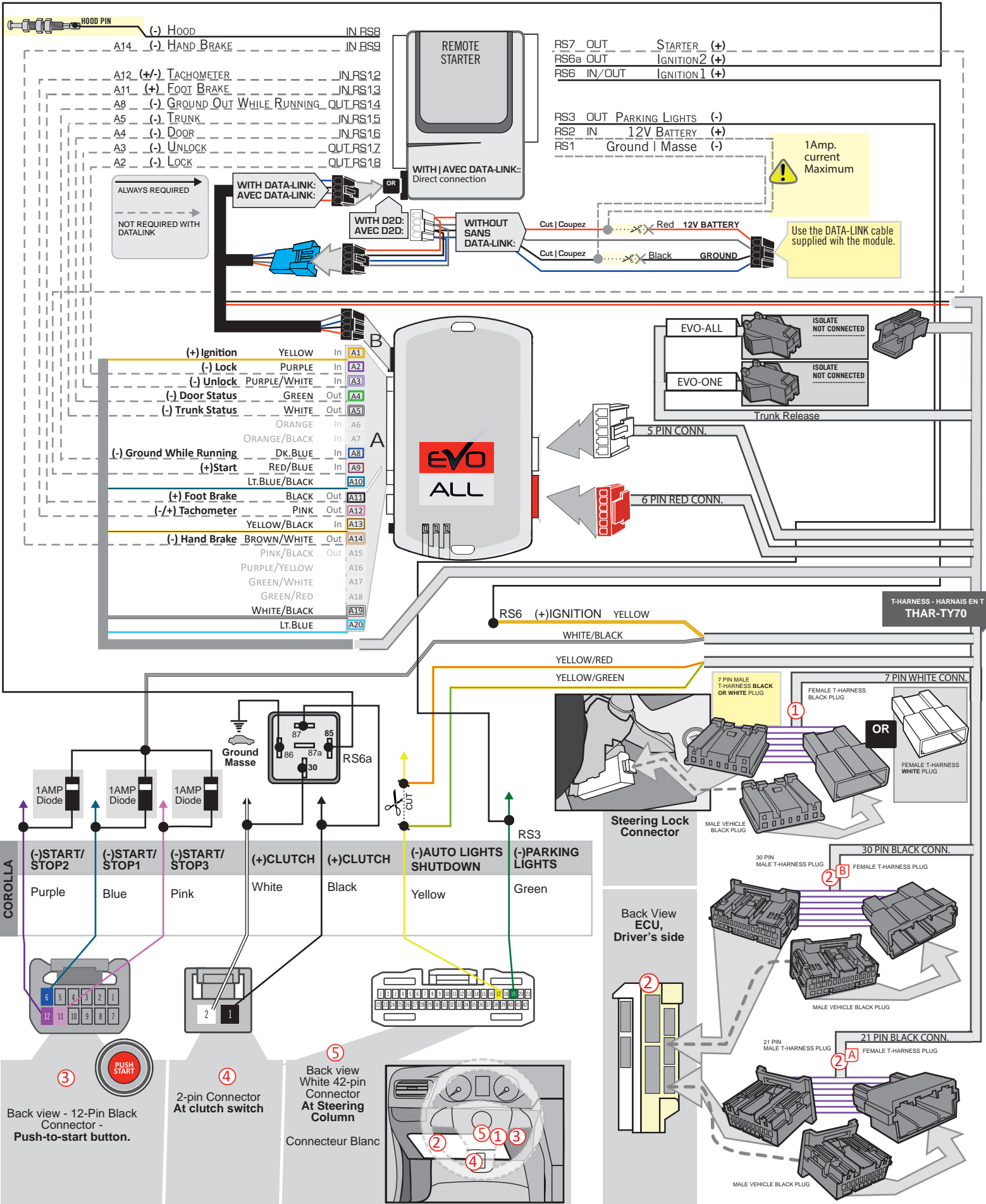
① Steering Lock Connector



THAR-TOY13 | WIRING CONNECTION AUTOMATIC TRANSMISSION



THAR-TOY13 | WIRING CONNECTION MANUAL TRANSMISSION



**DCRYPTOR PROGRAMMING PROCEDURE**



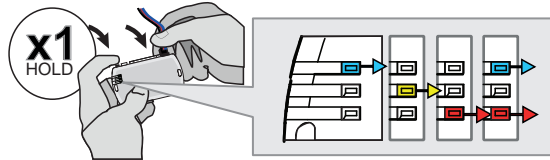
- Parts required (not included)**
- 1x **FLASH LINK UPDATER, FLASH LINK MANAGER**  
SOFTWARE | PROGRAMME
  - 1x Microsoft Windows Computer with Internet connection

OR

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

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

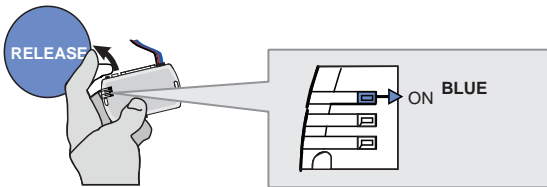
1



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

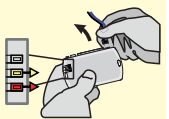
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

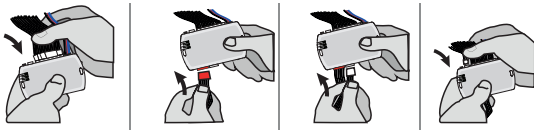


**Release** the programming button when the LED is BLUE.

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

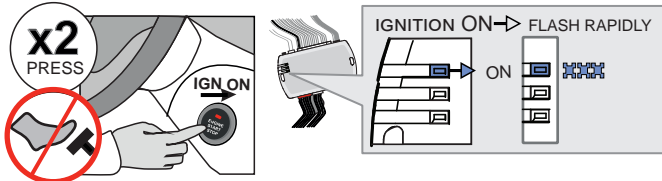


3



**Insert** the required remaining connectors.

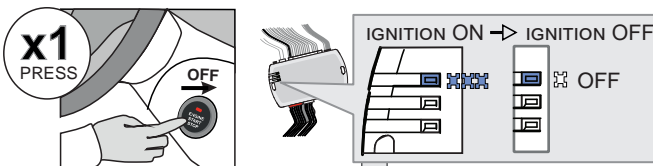
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:  
**GO STEP 6** at Dcryptor process.

OR

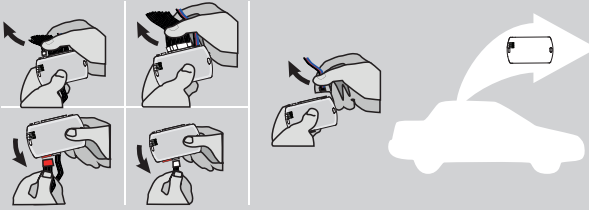
CONTINUED NEXT PAGE

→ OFF

↳ If the LEDS turn OFF:  
The module is now programmed.

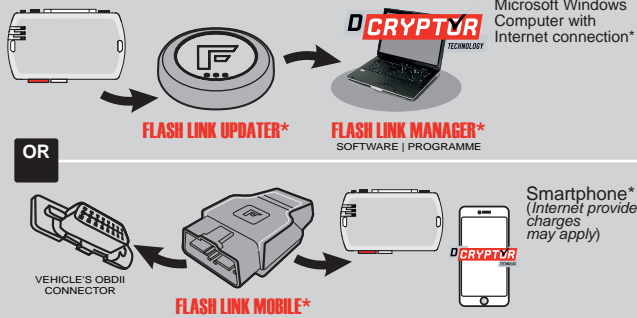
KEY BYPASS PROGRAMMING PROCEDURE 2/2

6



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

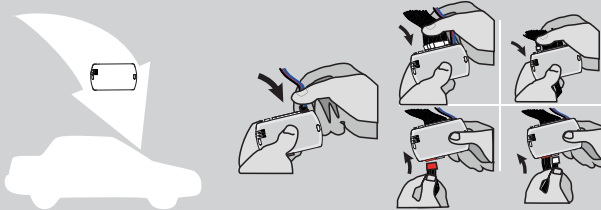
7



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

\*Parts required (not included)

8



**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


<p><b>START</b></p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p><b>UNLOCK</b></p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• Or the proximity remote</li> </ul>	<p><b>OFF</b></p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
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THAR-TOY13 THARNES INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION


Vehicle functions supported in this diagram (functional if equipped)

 <p>VEHICLE YEARS</p>	Immobilizer bypass	Lock	Unlock	Arm	Disarm	Parking Lights	Tachometer	Autolight	Trunk Release	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring**
	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

TOYOTA

Corolla Hybrid Push-to-Start 2020-2022

	<b>COMPATIBLE MODULE REQUIRED:</b>	<b>QR CODE ON THE LABEL</b> MANUFACTURED AFTER: 2019	FIRMWARE VERSION <b>79.[66]</b> MINIMUM	To add the firmware version and the options, use the <b>FLASH LINK UPDATER</b> or <b>FLASH LINK MOBILE</b> tool, sold separately.
		2019	2019	

	UNIT OPTION	DESCRIPTION
 <p>Program bypass option:</p>	<b>C1</b>	OEM Remote status (Lock/Unlock) monitoring
	<b>D4</b>	Hybrid mode (Vehicle hybrid only)
	<b>D6</b>	Push-to-Start
<b>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</b>	<b>A11</b> <b>OFF</b>	Hood trigger (Output Status).

NOTES



The vehicles OEM remote and SmartKey are still operable during remote start.

**NO KEY TAKEOVER**

**MANDATORY INSTALL**

\*HOOD PIN



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

A11

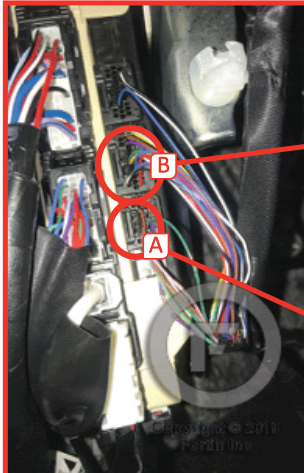
OFF

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

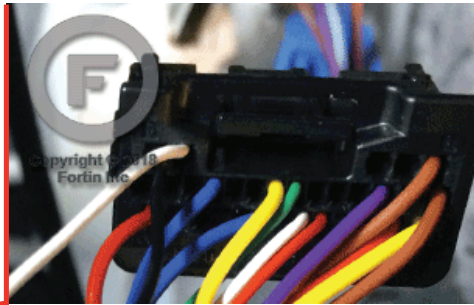
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

② ECU, Driver's side



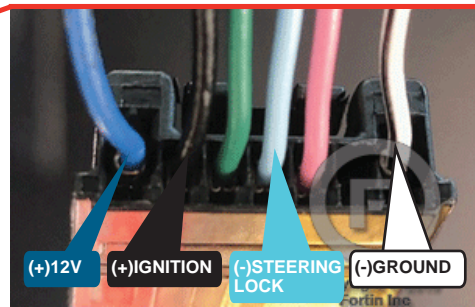
②B



②A

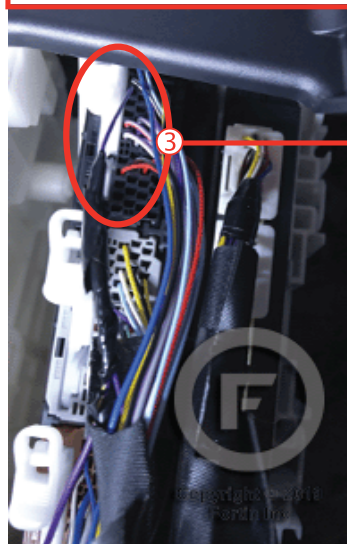


① Steering Lock Connector

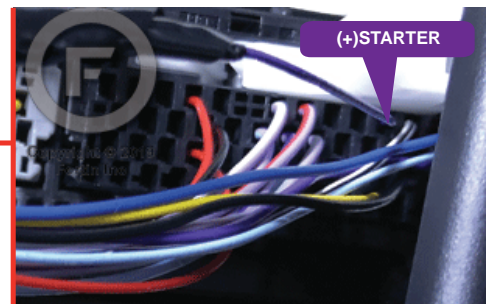


③

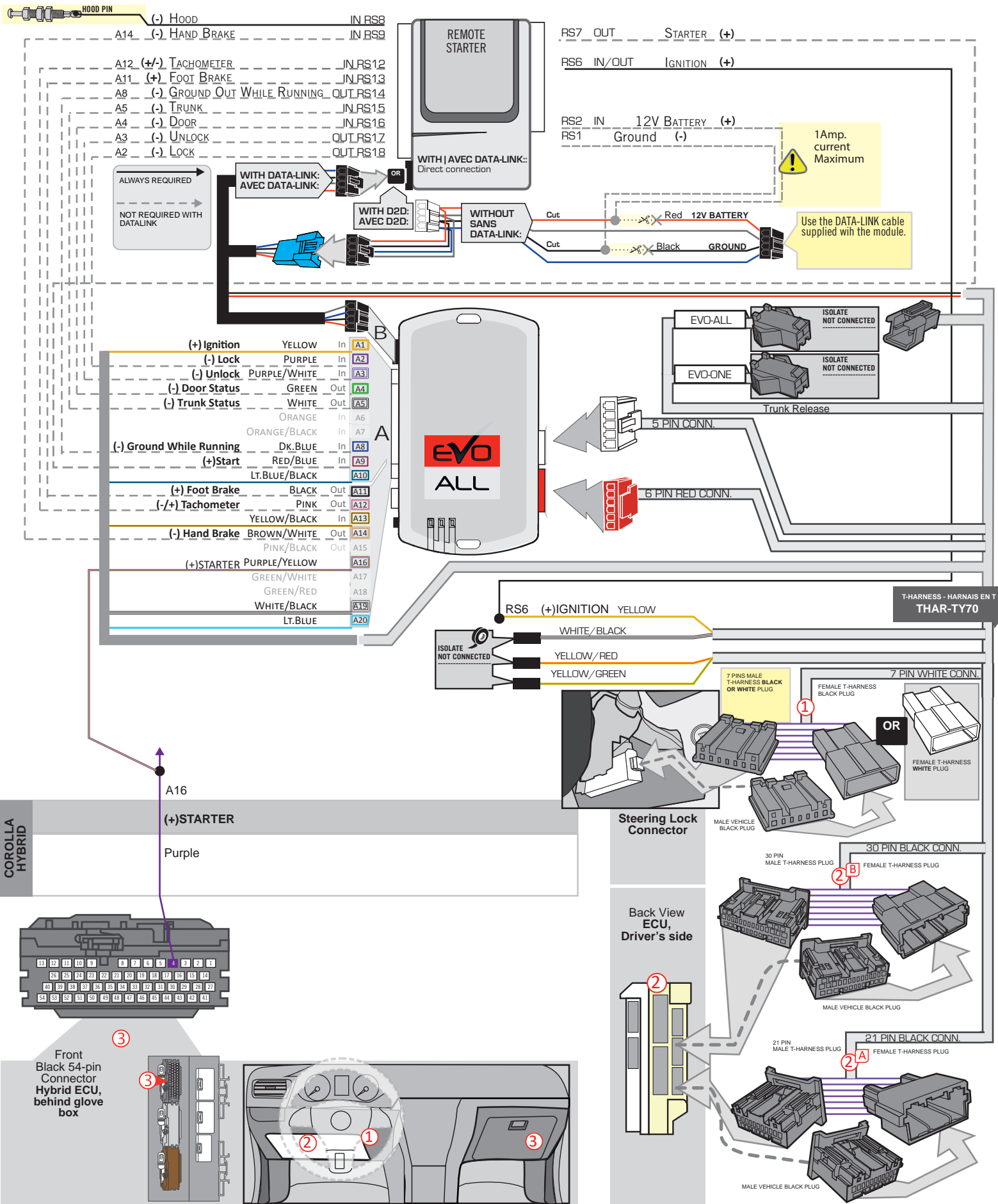
Hybrid ECU, behind glove box



Steering Lock Connector



THAR-TOY13 | 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

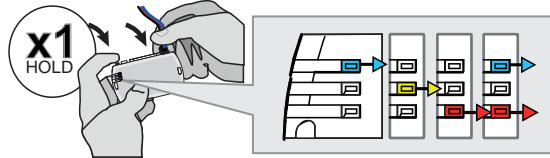
OR

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



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

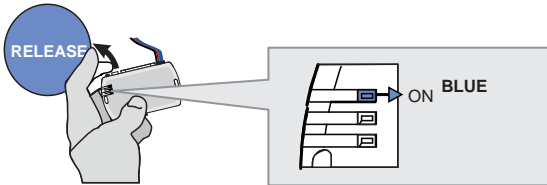
1



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

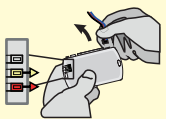
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

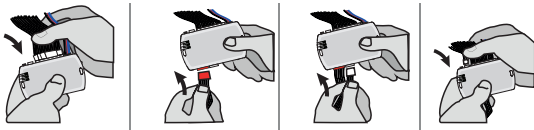


**Release** the programming button when the LED is BLUE.

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

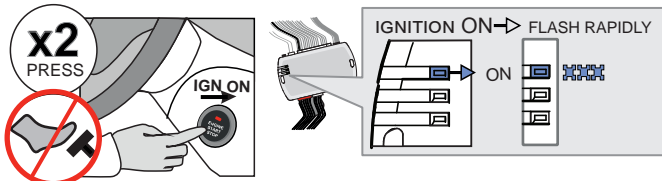


3



**Insert** the required remaining connectors.

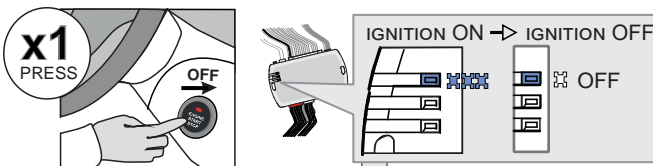
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:  
**GO STEP 6** at Dcryptor process.

**CONTINUED NEXT PAGE**

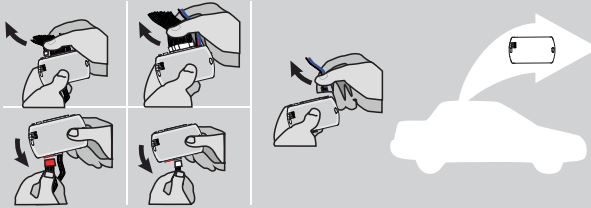
→ OFF

↳ If the LEDS turn OFF:  
The module is now programmed.



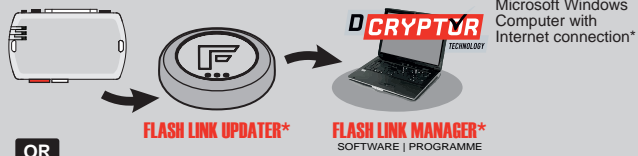
**KEY BYPASS PROGRAMMING PROCEDURE 2/2**

6



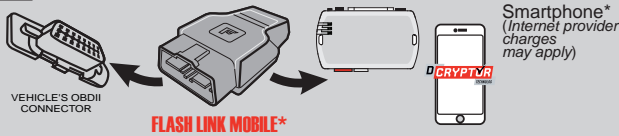
**Disconnect** all the connectors and after the Data-Link (4-pins) connector.

7



Microsoft Windows  
Computer with  
Internet connection\*

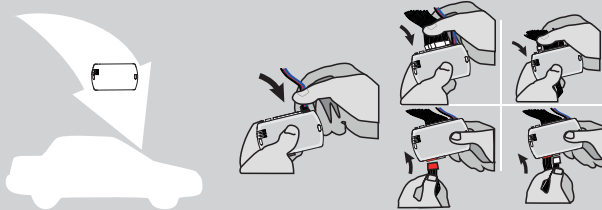
OR



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

\*Parts required (not included)

8



**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.

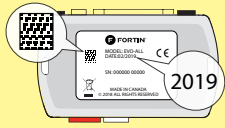
REMOTE STARTER FUNCTIONALITY


<p><b>START</b></p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p><b>UNLOCK</b></p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p><b>OFF</b></p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
--	---	--	--	--	--	---

THAR-TOY13 THARNES INSTALLATION


ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)													
		Immobilizer bypass	Lock	Unlock	Arm	Disarm	Trunk (open)	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status**	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring*
 <p>TOYOTA Highlander</p>	<p>Push-to-Start 2020-2021</p>	•	•	•	•	•	•	•	•	•	•	•	•	•	•

	<p><b>COMPATIBLE MODULE REQUIRED:</b></p>	<p><b>QR CODE ON THE LABEL</b> MANUFACTURED AFTER: 2019</p>	<p><b>FIRMWARE VERSION</b> <b>79.[66]</b> MINIMUM</p>	<p>To add the firmware version and the options, use the <b>FLASH LINK UPDATER</b> or <b>FLASH LINK MOBILE</b> tool, sold separately.</p>
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	<p><b>Program bypass option:</b></p>	UNIT OPTION	DESCRIPTION
		<b>C1</b>	OEM Remote status (Lock/Unlock) monitoring
		<b>D6</b>	Push-to-Start
<p><b>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</b></p>		<b>A11</b>	<p><b>OFF</b></p> <p>Hood trigger (Output Status).</p>

**NOTES**

\*  The vehicles OEM remote and SmartKey are still operable during remote start.

**NO KEY TAKEOVER**

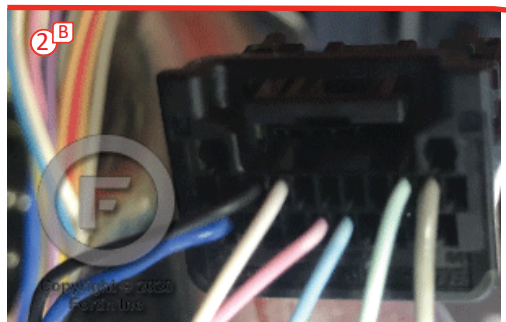
**MANDATORY INSTALL**

\* **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.

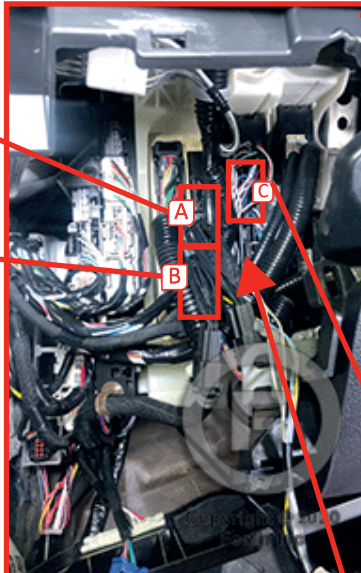
**Notice:** the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

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

DESCRIPTION

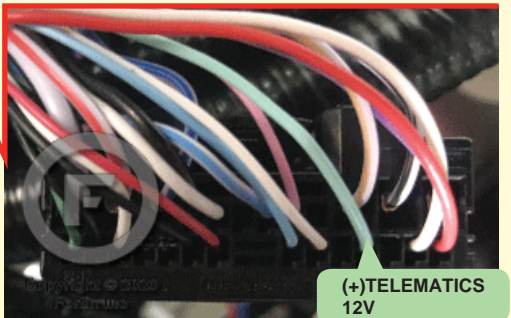


2 Main body ECU left side of the dash



(A) OFF

With stop and start system (Look for button in center console)



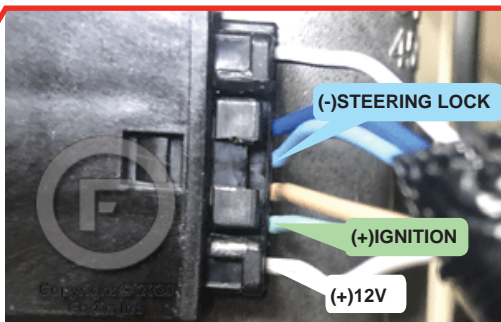
OR

Without stop and start system

At the back of the Main body ECU - below dash fuse box

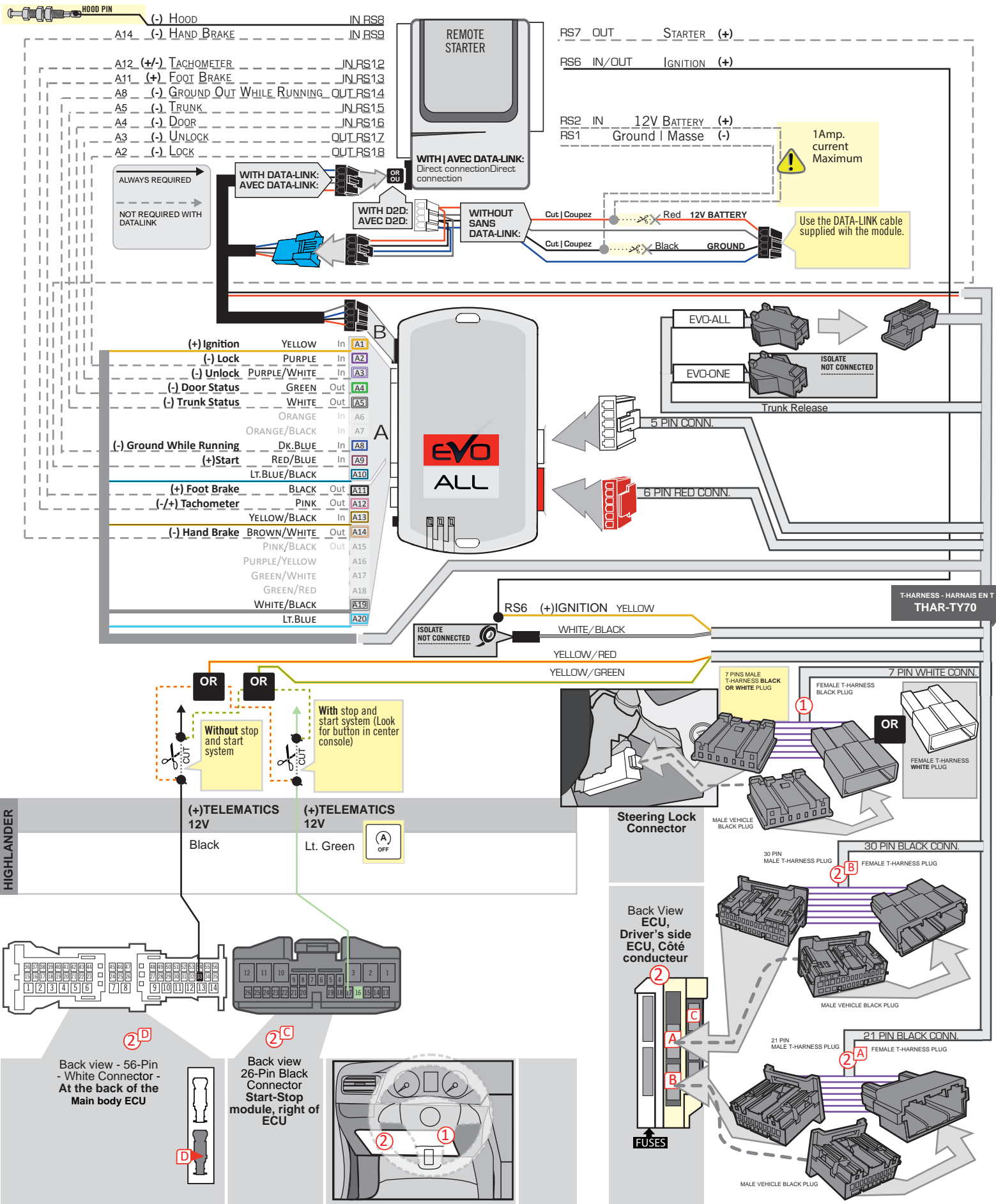


1 Steering Lock Connector





THAR-TOY13 | WIRING CONNECTION



**DCRYPTOR PROGRAMMING PROCEDURE**



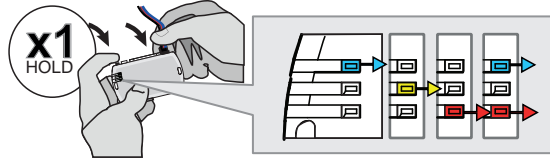
- Parts required (not included)**
- 1x **FLASH LINK UPDATER, FLASH LINK MANAGER**  
SOFTWARE | PROGRAMME
  - 1x Microsoft Windows Computer with Internet connection

OR

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

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

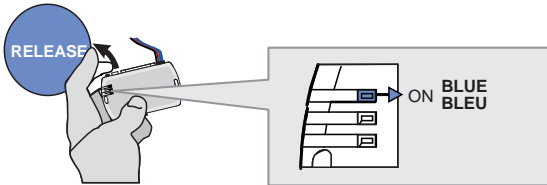
1



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

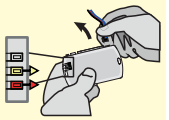
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

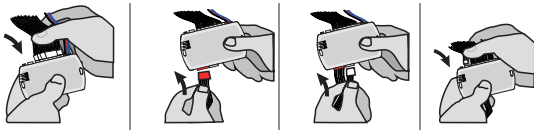


**Release** the programming button when the LED is BLUE.

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

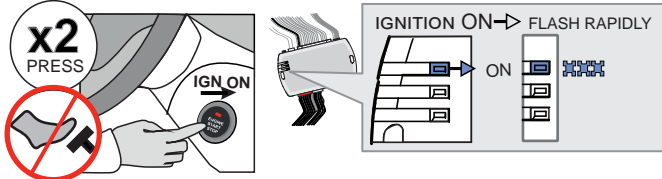


3



**Insert** the required remaining connectors.

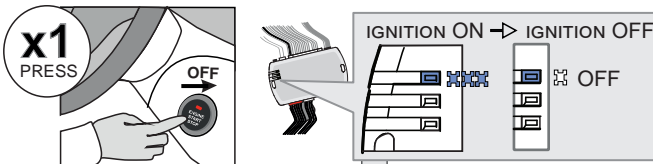
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

OR

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:

**GO STEP 6** at Dcryptor process.

**CONTINUED NEXT PAGE**

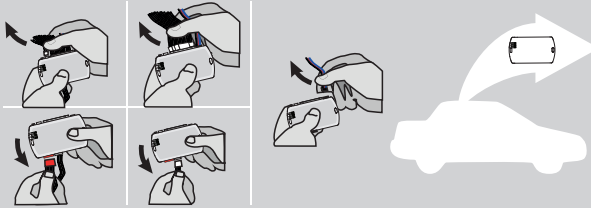
→ OFF

↳ If the LEDS turn OFF:

The module is now programmed.

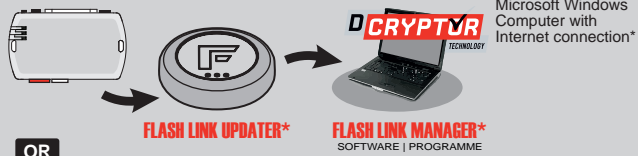
**KEY BYPASS PROGRAMMING PROCEDURE 2/2**

6



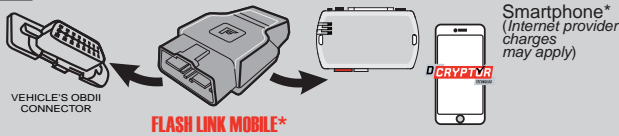
**Disconnect** all the connectors and after the Data-Link (4-pins) connector.

7



Microsoft Windows  
Computer with  
Internet connection\*

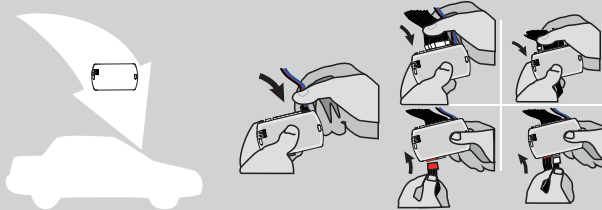
OR



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

\*Parts required (not included)

8



**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.

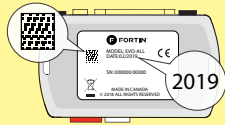
REMOTE STARTER FUNCTIONALITY


<p><b>START</b></p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p><b>UNLOCK</b></p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p><b>OFF</b></p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
--	---	--	--	--	--	---

# THAR-TOY13 THARNES INSTALLATION

## ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)													
		Immobilizer bypass	Lock	Unlock	Arm	Disarm	Trunk (open)	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status**	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring*
 <b>TOYOTA</b> Highlander	Hybrid - Push-to-Start 2020-2021	•	•	•	•	•	•	•	•	•	•	•	•	•	•

	<b>COMPATIBLE MODULE REQUIRED:</b>	<b>QR CODE ON THE LABEL</b> MANUFACTURED AFTER: 2019	<b>FIRMWARE VERSION</b> <b>79.[66]</b> MINIMUM	To add the firmware version and the options, use the <b>FLASH LINK UPDATER</b> or <b>FLASH LINK MOBILE</b> tool, sold separately.
---	------------------------------------	---	--	---

 <b>Program bypass option:</b>	UNIT OPTION	DESCRIPTION
		<b>C1</b>
<b>D6</b>		Push-to-Start
<b>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</b>  <b>Program bypass option (Vehicle hybrid only):</b>	<b>A11</b> <b>OFF</b>	Hood trigger (Output Status).
	<b>D4</b>	Hybrid mode (Vehicle hybrid only)

### NOTES



The vehicles OEM remote and SmartKey are still operable during remote start.

### NO KEY TAKEOVER

### MANDATORY INSTALL

\*HOOD PIN



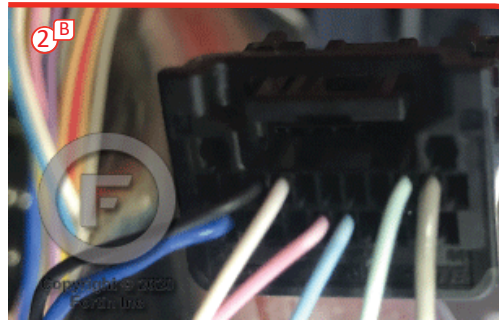
**HOOD STATUS:** THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

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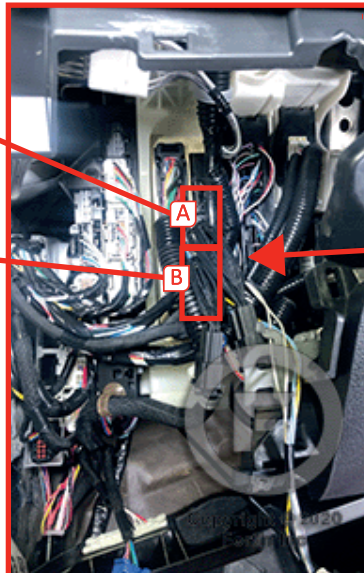
**Notice:** the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

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

DESCRIPTION



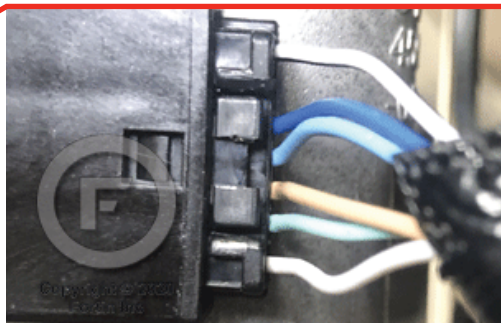
② Main body ECU  
left side of the dash



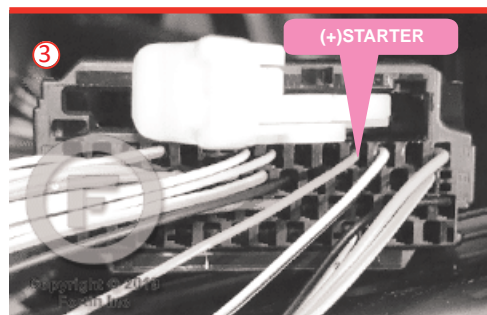
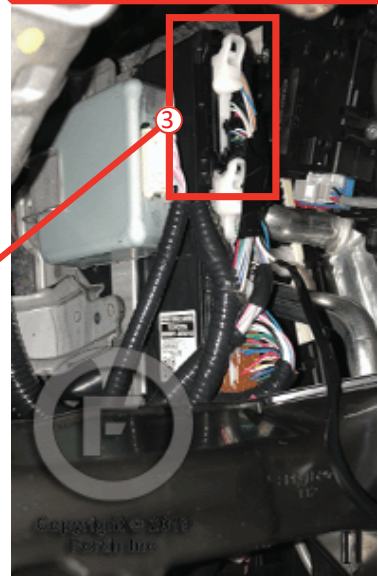
At the back of the Main body ECU - below dash fuse box



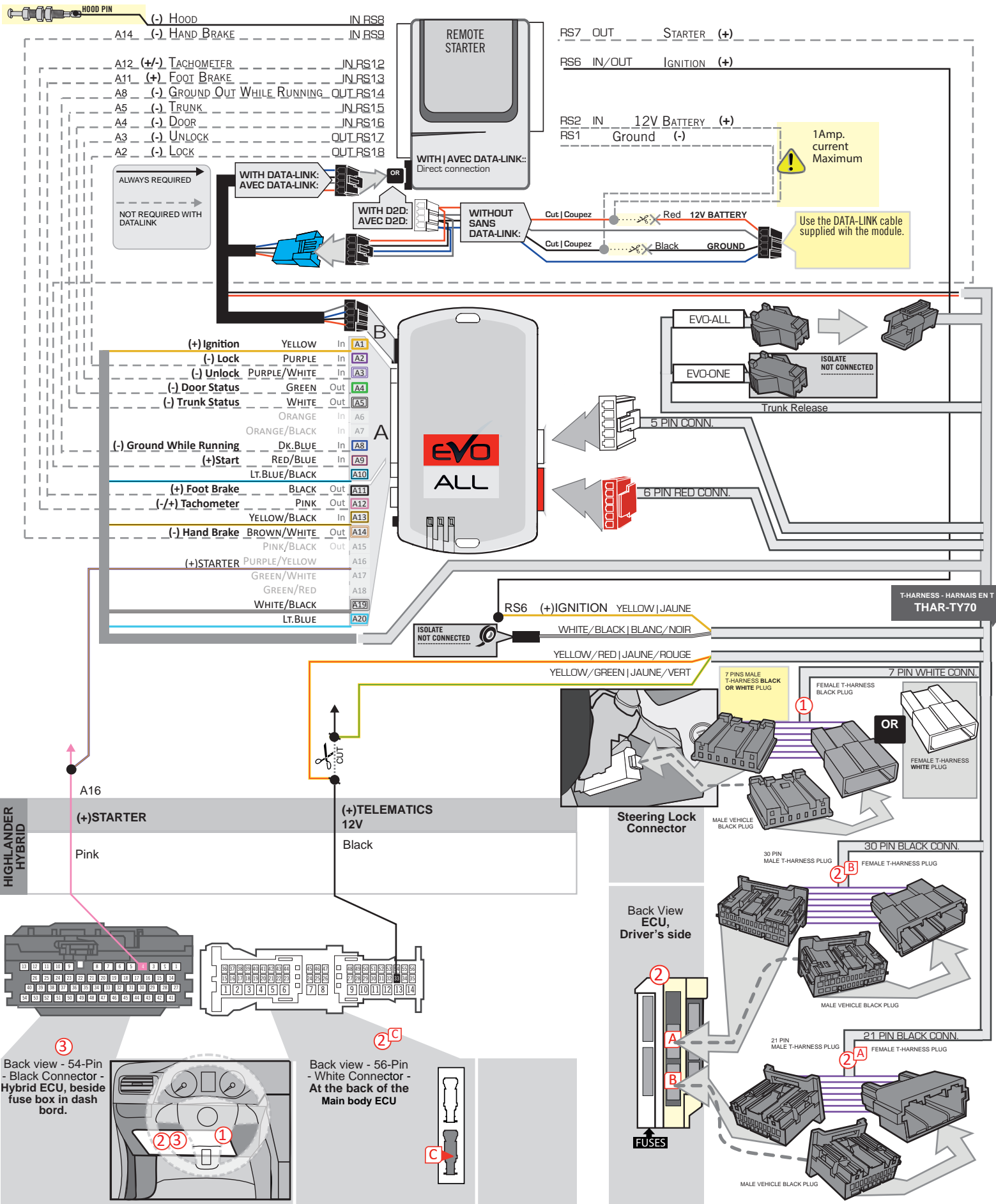
① Steering Lock Connector



③ Hybrid ECU, beside fuse box in dash bord.



THAR-TOY13 | WIRING CONNECTION



**DCRYPTOR PROGRAMMING PROCEDURE**



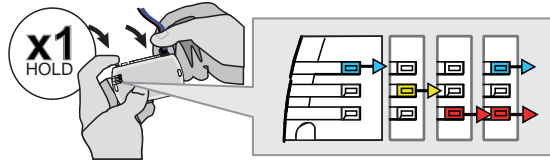
- Parts required (not included)**
- 1x **FLASH LINK UPDATER,**
  - 1x **FLASH LINK MANAGER**  
SOFTWARE | PROGRAMME
  - 1x Microsoft Windows Computer with Internet connection

OR  
OU

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

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

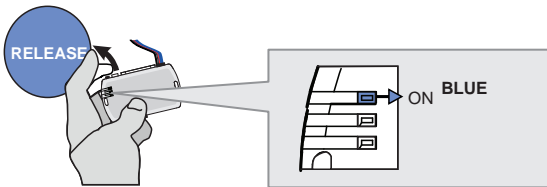
1



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

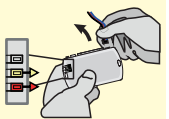
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

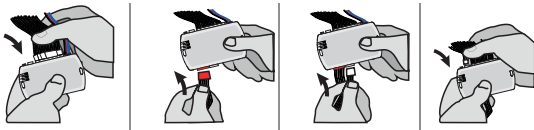


**Release** the programming button when the LED is BLUE.

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

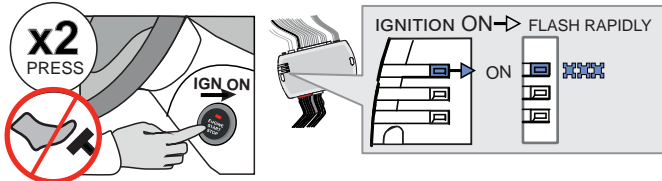


3



**Insert** the required remaining connectors.

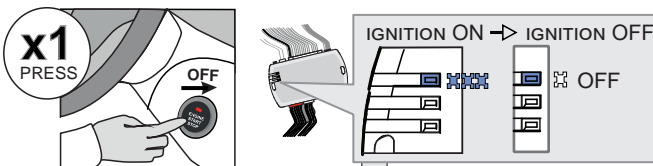
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:  
**GO STEP 6** at Dcryptor process.

**CONTINUED NEXT PAGE**

→ OFF

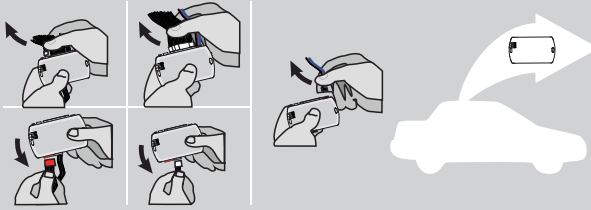
↳ If the LEDS turn OFF:  
The module is now programmed.





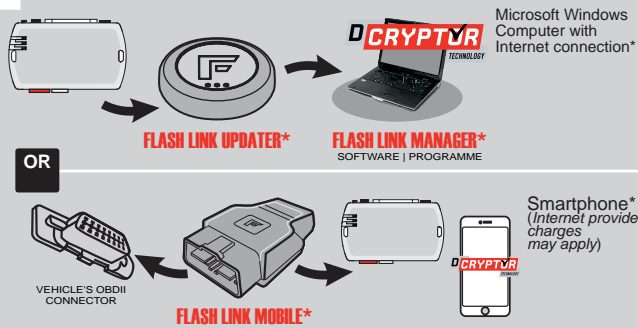
**KEY BYPASS PROGRAMMING PROCEDURE 2/2**

6



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

7

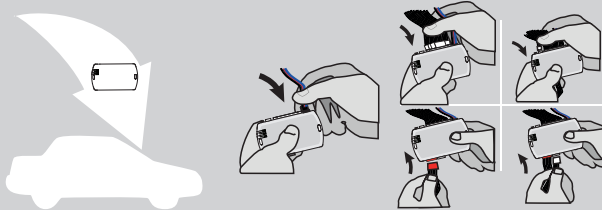


**Use the tool:**  
FLASH LINK UPDATER or  
FLASH LINK MOBILE  
to visit the DCryptor menu.

**Utilisez l'outil:**  
FLASH LINK UPDATER ou  
FLASH LINK MOBILE  
pour visiter le menu DCryptor.

\*Parts required (not included) Pièces requises (non incluses)

8



**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

<p><b>START</b></p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p><b>UNLOCK</b></p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p><b>OFF</b></p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
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THAR-TOY13 THARNES INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



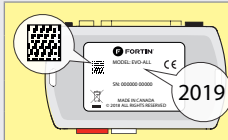
VEHICLE

YEARS

Vehicle functions supported in this diagram (functional if equipped)

TOYOTA

RAV4	Push-to-Start	2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
------	---------------	------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---



COMPATIBLE MODULE REQUIRED:

QR CODE ON THE LABEL MANUFACTURED AFTER: 2019

FIRMWARE VERSION

79.[66]  
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

D6

Push-to-Start

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:

A11

OFF

Hood trigger (Output Status).

NOTES



The vehicles OEM remote and SmartKey are still operable during remote start.

NO KEY TAKEOVER

MANDATORY INSTALL

\*HOOD PIN



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

A11

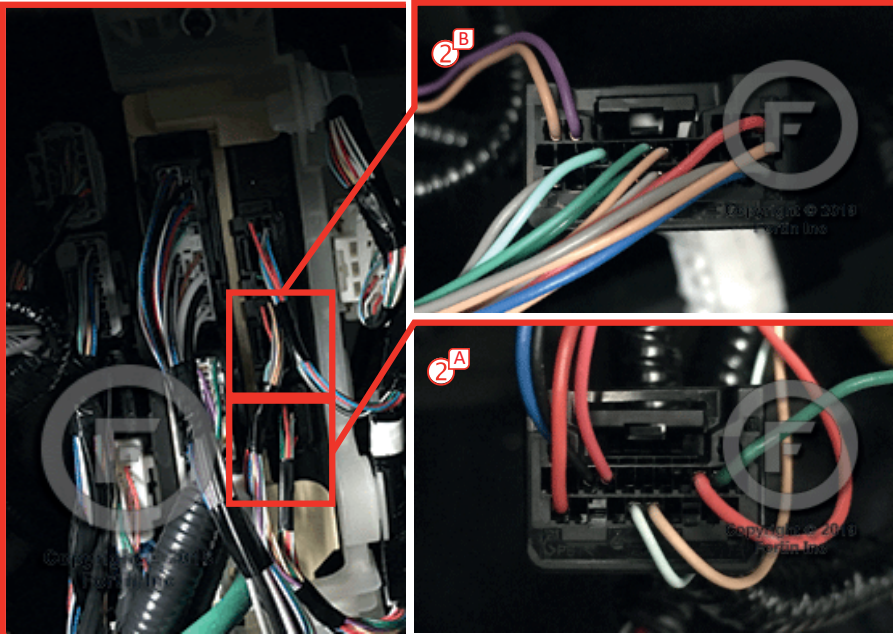
OFF

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

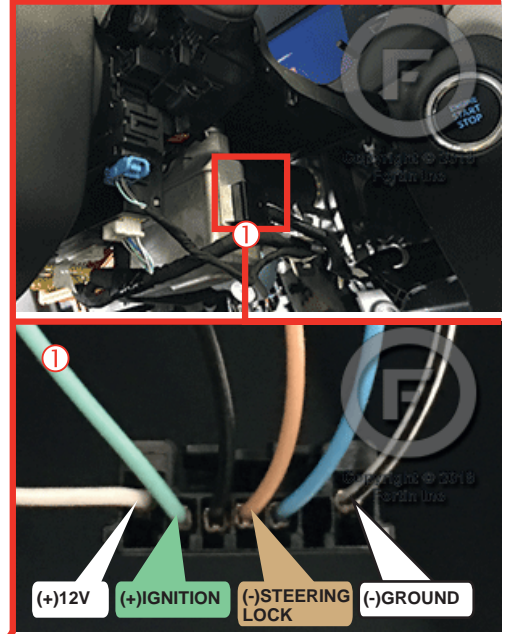
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

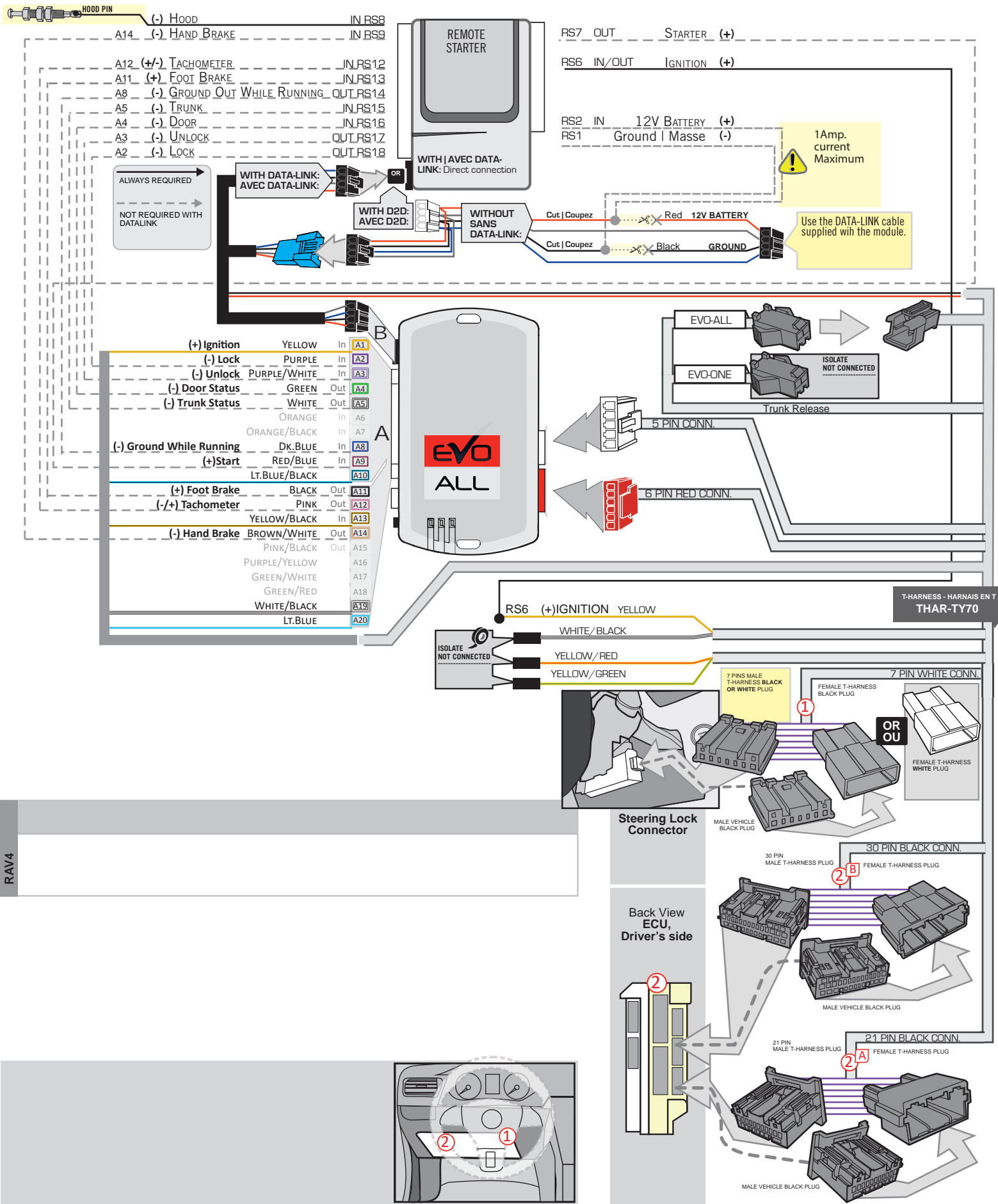
② ECU, Driver's side



① At Steering Column



THAR-TOY13 | WIRING CONNECTION



**DCRYPTOR PROGRAMMING PROCEDURE**



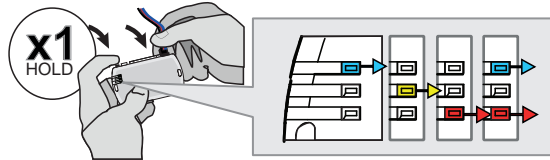
- Parts required (not included)**
- 1x **FLASH LINK UPDATER, FLASH LINK MANAGER**  
SOFTWARE | PROGRAMME
  - 1x Microsoft Windows Computer with Internet connection

OR

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

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

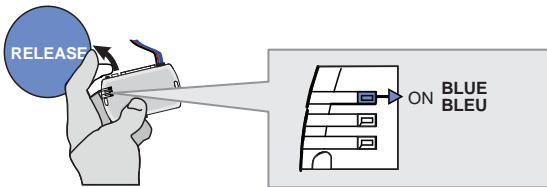
1



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

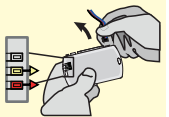
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

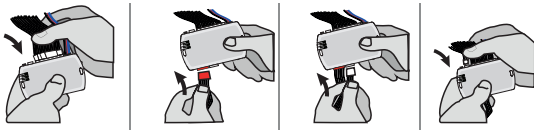


**Release** the programming button when the LED is BLUE.

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

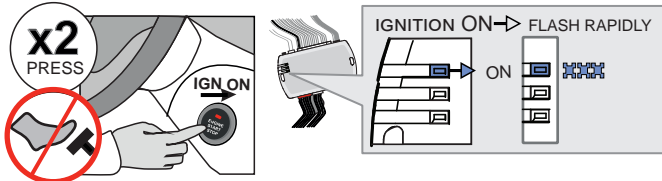


3



**Insert** the required remaining connectors.

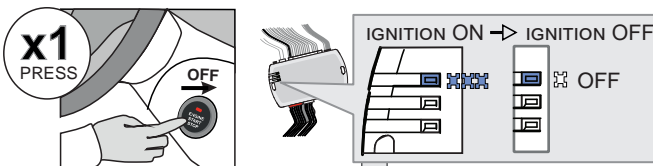
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

OR

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:

**GO STEP 6** at Dcryptor process.

**CONTINUED NEXT PAGE**

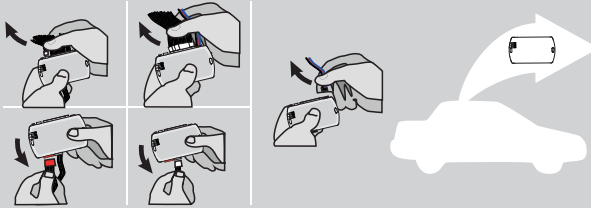
→ OFF

↳ If the LEDS turn OFF:

The module is now programmed.

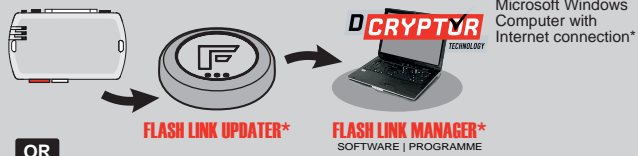
KEY BYPASS PROGRAMMING PROCEDURE 2/2

6

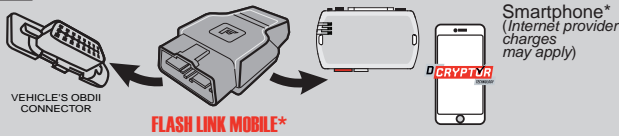


Disconnect all the connectors and after the Data-Link (4-pins) connector.

7



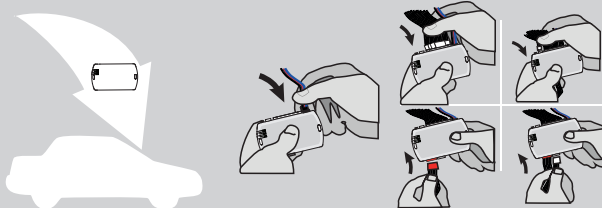
OR



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

\*Parts required (not included)

8



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

<p><b>START</b></p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p><b>UNLOCK</b></p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p><b>OFF</b></p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
--	---	--	--	--	--	---



# THAR-TOY13 THARNES INSTALLATION

## ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)														
		Immobilizer bypass	Lock	Unlock	Arm	Disarm	Parking Lights	Tachometer	Autolight	Trunk Release	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring**
TOYOTA																
RAV4	Push-to-Start 2020	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

	<b>COMPATIBLE MODULE REQUIRED:</b>	<b>QR CODE ON THE LABEL</b> MANUFACTURED AFTER: 2019	FIRMWARE VERSION <b>79.[66]</b> MINIMUM	To add the firmware version and the options, use the <b>FLASH LINK UPDATER</b> or <b>FLASH LINK MOBILE</b> tool, sold separately.

	Program bypass option:	UNIT OPTION	DESCRIPTION
		<b>C1</b>	OEM Remote status (Lock/Unlock) monitoring
<b>D6</b>	Push-to-Start		
<b>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</b>		<b>A11</b>	OFF Hood trigger (Output Status).

### NOTES



The vehicles OEM remote and SmartKey are still operable during remote start.

### NO KEY TAKEOVER

### MANDATORY INSTALL

\*HOOD PIN



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

**A11**

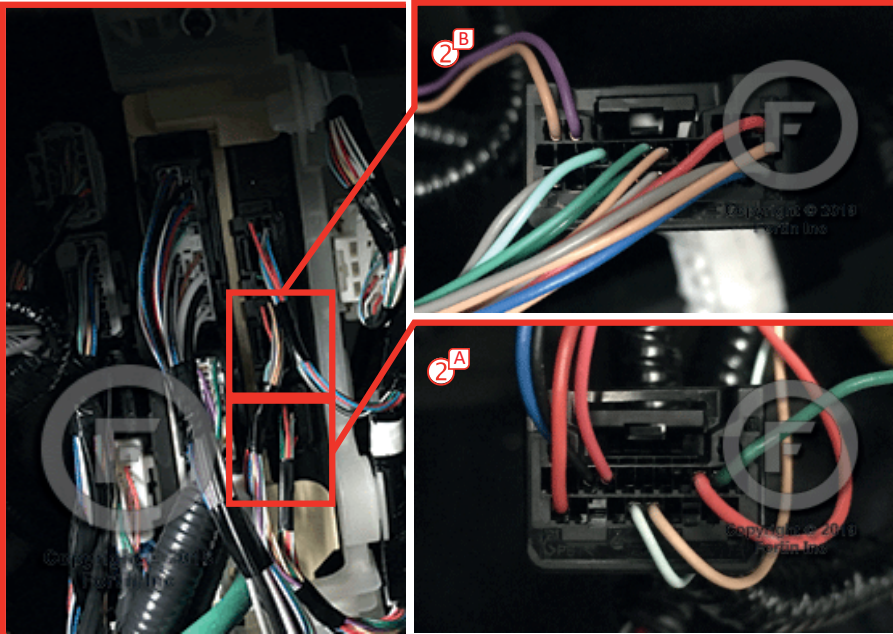
OFF

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

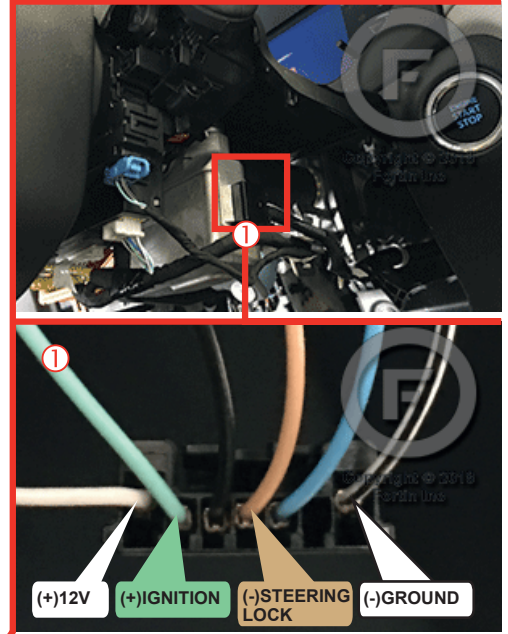
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

② ECU, Driver's side



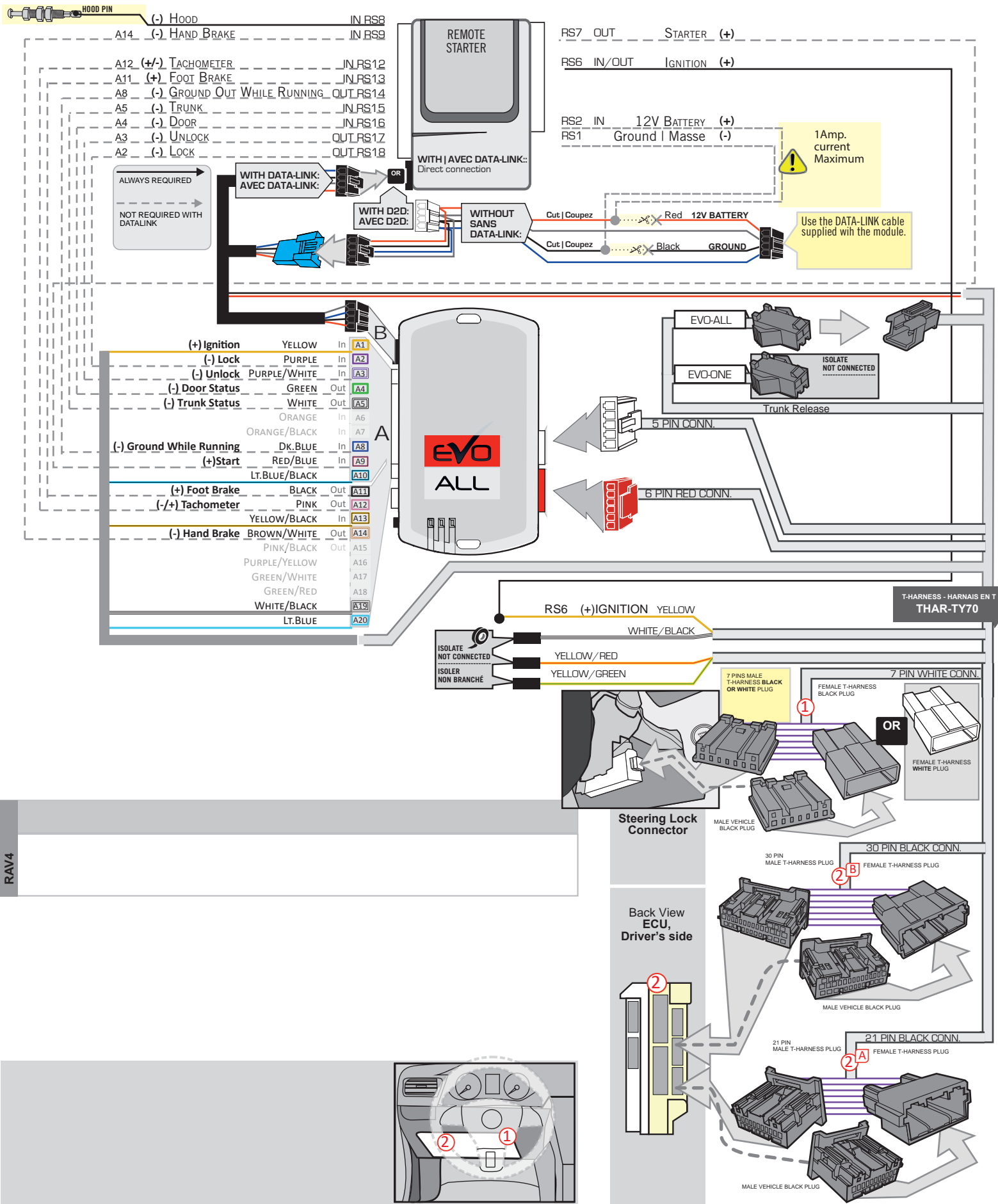
① At Steering Column



Steering Lock Connector



THAR-TOY13 | WIRING CONNECTION



**DCRYPTOR PROGRAMMING PROCEDURE**



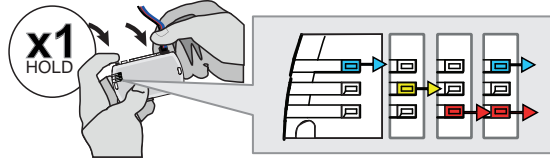
- Parts required (not included)**
- 1x **FLASH LINK UPDATER, FLASH LINK MANAGER**  
SOFTWARE | PROGRAMME
  - 1x Microsoft Windows Computer with Internet connection

OR

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

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

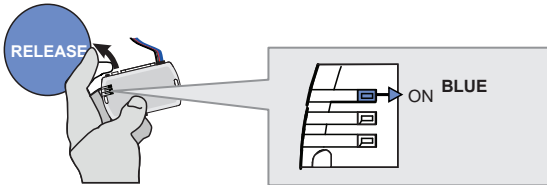
1



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

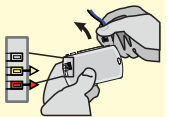
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

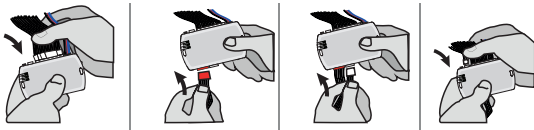


**Release** the programming button when the LED is BLUE.

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

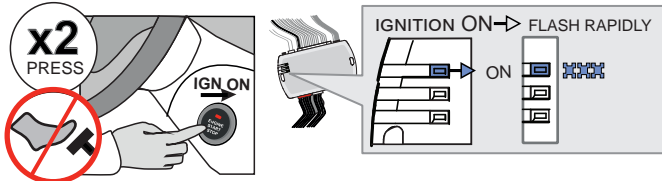


3



**Insert** the required remaining connectors.

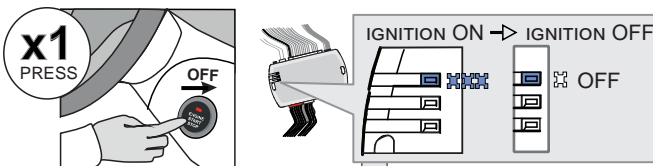
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

OR

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:

**GO STEP 6** at Dcryptor process.

**CONTINUED NEXT PAGE**

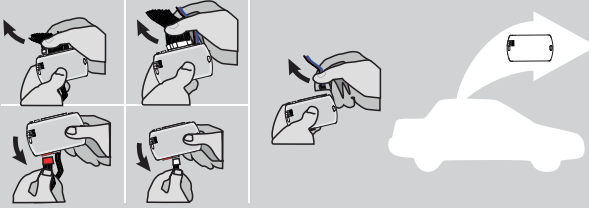
→ OFF

↳ If the LEDS turn OFF:

The module is now programmed.

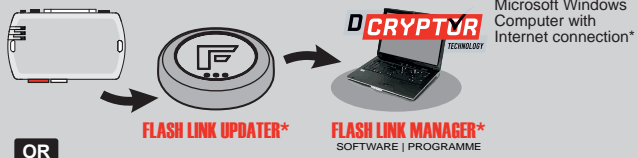
KEY BYPASS PROGRAMMING PROCEDURE 2/2

6



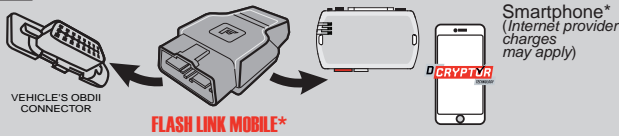
**Disconnect** all the connectors and after the Data-Link (4-pins) connector.

7



Microsoft Windows Computer with Internet connection\*

OR

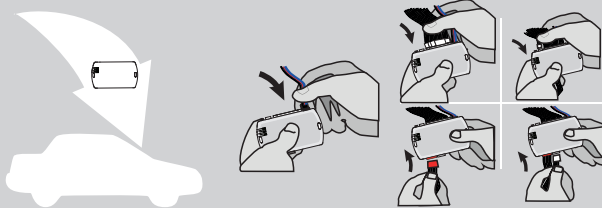


Smartphone\* (Internet provider charges may apply)

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

\*Parts required (not included)

8



**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

<p><b>START</b></p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p><b>UNLOCK</b></p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p><b>OFF</b></p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
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THAR-TOY13 THARNES INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



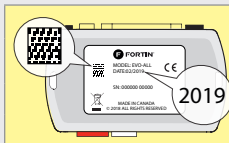
VEHICLE

YEARS

Vehicle functions supported in this diagram (functional if equipped)

TOYOTA

RAV4	Hybrid Push-to-Start	2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
------	----------------------	------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---




COMPATIBLE MODULE REQUIRED:

QR CODE ON THE LABEL  
MANUFACTURED AFTER:  
2019

79.[66]  
MINIMUM

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

	UNIT OPTION	DESCRIPTION
 <p>Program bypass option:</p>	<b>C1</b>	OEM Remote status (Lock/Unlock) monitoring
	<b>D6</b>	Push-to-Start
	<b>D4</b>	Hybrid mode (Vehicle hybrid only)
<p>Program bypass option (Vehicle hybrid only):</p>	<b>D4</b>	Hybrid mode (Vehicle hybrid only)
<p>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</p>	<b>A11</b>	<b>OFF</b> Hood trigger (Output Status).

NOTES



The vehicles OEM remote and SmartKey are still operable during remote start.

**NO KEY TAKEOVER**

MANDATORY INSTALL

\*HOOD PIN



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

A11

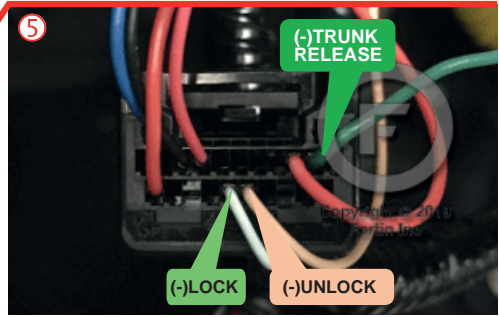
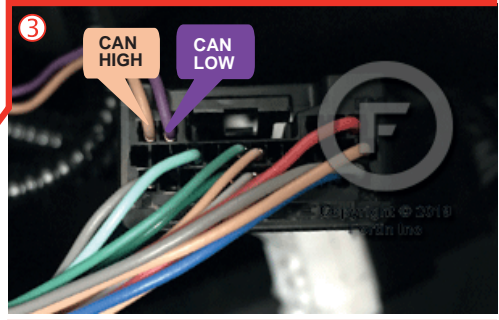
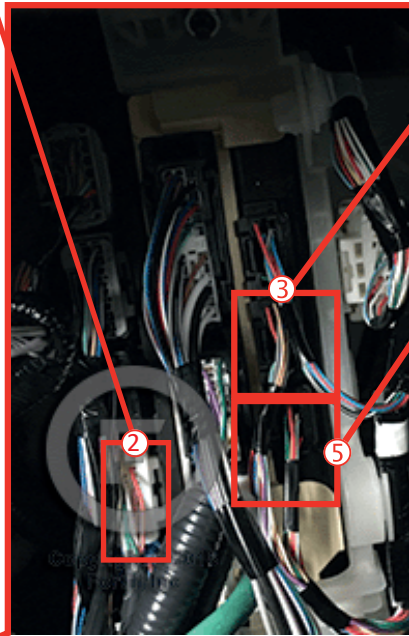
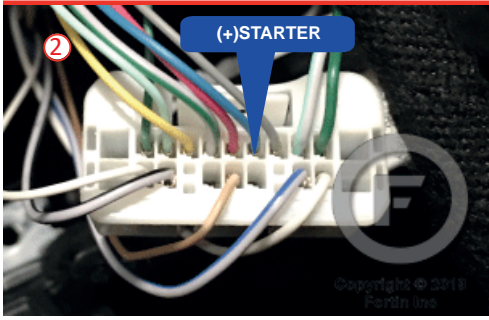
OFF

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

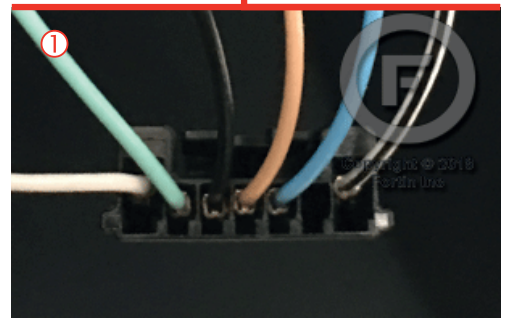
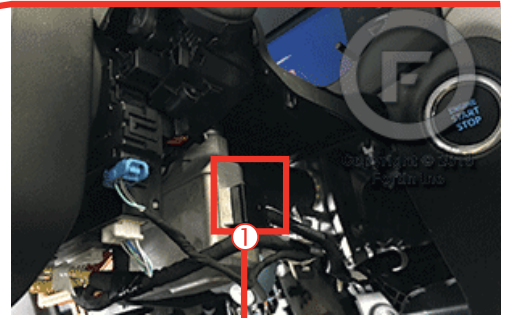
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

② ③ ⑤ ECU, Driver's side

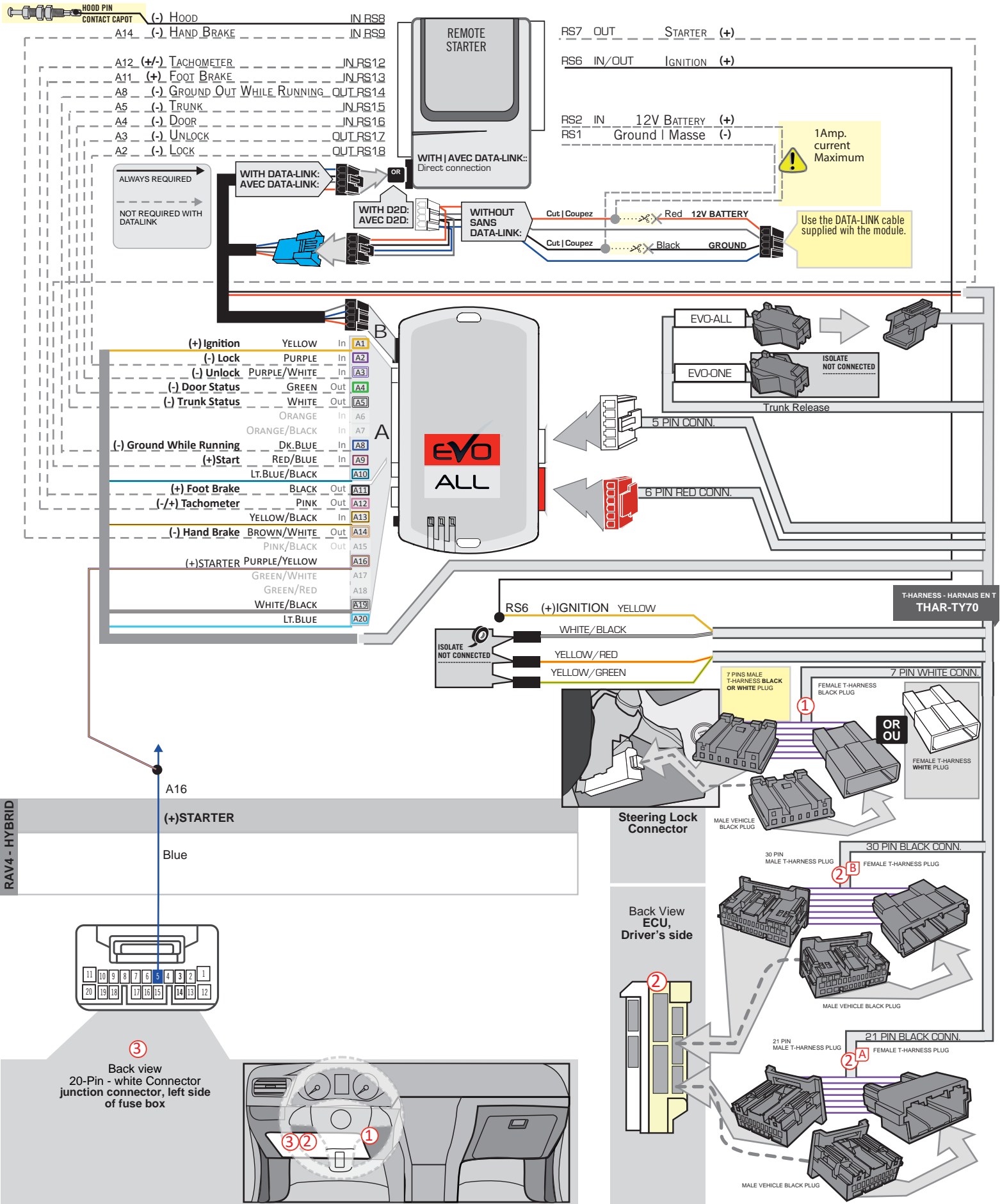


① At Steering Column





THAR-TOY13 | WIRING CONNECTION



**DCRYPTOR PROGRAMMING PROCEDURE**



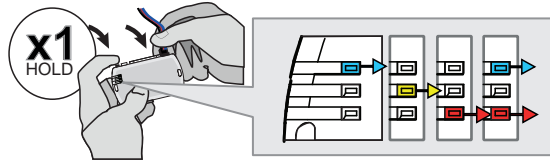
- Parts required (not included)**
- 1x **FLASH LINK UPDATER,**
  - 1x **FLASH LINK MANAGER**  
SOFTWARE | PROGRAMME
  - 1x Microsoft Windows Computer with Internet connection

OR  
OU

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

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

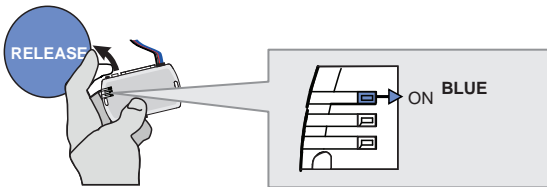
1



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

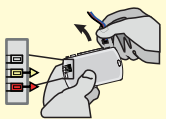
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

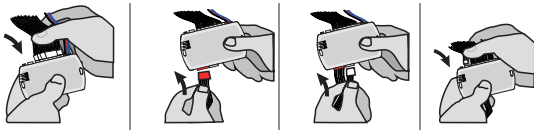


**Release** the programming button when the LED is BLUE.

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

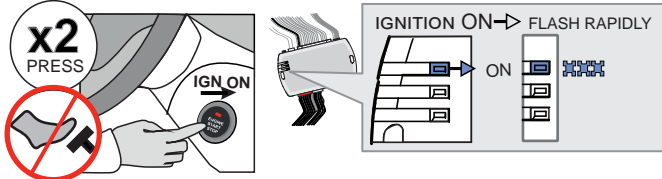


3



**Insert** the required remaining connectors.

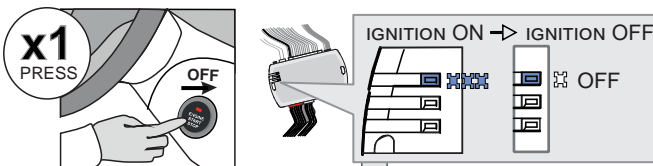
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:  
**GO STEP 6** at Dcryptor process.

**CONTINUED NEXT PAGE**

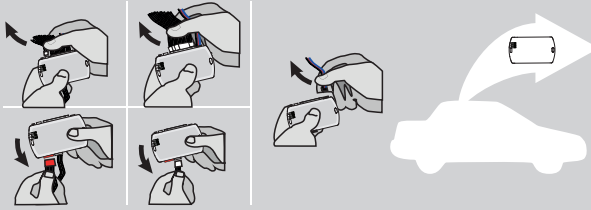
→ OFF

↳ If the LEDS turn OFF:  
The module is now programmed.



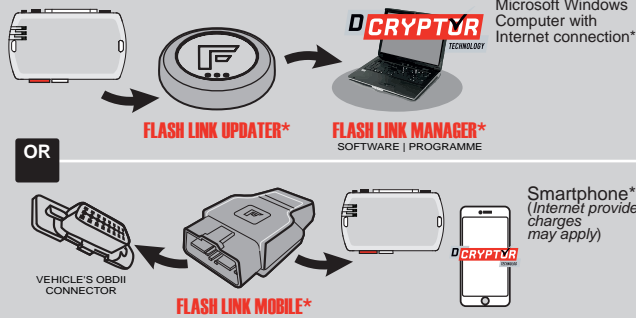
**KEY BYPASS PROGRAMMING PROCEDURE 2/2**

6



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

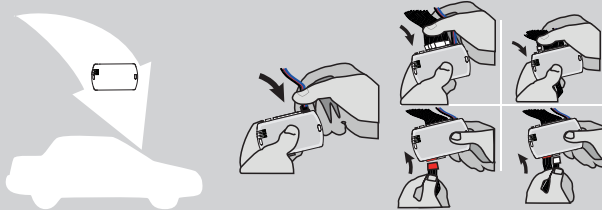
7



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

\*Parts required (not included)

8



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





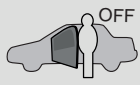




The module is now programmed.



**REMOTE STARTER / ALARM VERIFICATION PROCEDURE**

Test the remote starter. Remote start the vehicle.


REMOTE STARTER FUNCTIONALITY


<p><b>START</b></p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p><b>UNLOCK</b></p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p><b>OFF</b></p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
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THAR-TOY13 THARNES INSTALLATION


ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)														
		Immobilizer bypass	Lock	Unlock	Arm	Disarm	Parking Lights	Tachometer	Autolight	Trunk Release	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring**
TOYOTA																
RAV4	Hybrid Push-to-Start 2020	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

	<b>COMPATIBLE MODULE REQUIRED:</b>	<b>QR CODE ON THE LABEL</b> MANUFACTURED AFTER: 2019	<b>FIRMWARE VERSION</b> <b>79.[66]</b> MINIMUM	To add the firmware version and the options, use the <b>FLASH LINK UPDATER</b> or <b>FLASH LINK MOBILE</b> tool, sold separately.
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	Program bypass option:	UNIT OPTION	DESCRIPTION
		<b>C1</b>	OEM Remote status (Lock/Unlock) monitoring
Program bypass option (Vehicle hybrid only):		<b>D4</b>	Hybrid mode (Vehicle hybrid only)
		<b>D6</b>	Push-to-Start
IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:		<b>A11</b>	<b>OFF</b> Hood trigger (Output Status).

NOTES

\*  The vehicles OEM remote and SmartKey are still operable during remote start.

**NO KEY TAKEOVER**

**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.

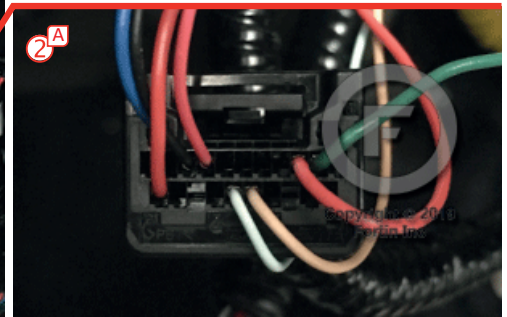
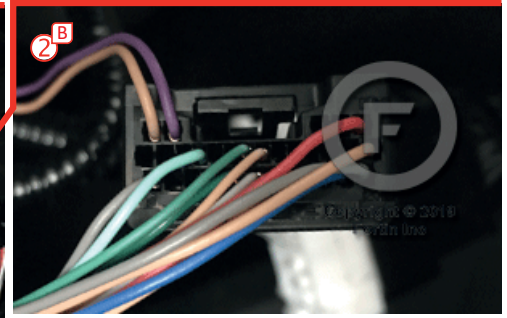
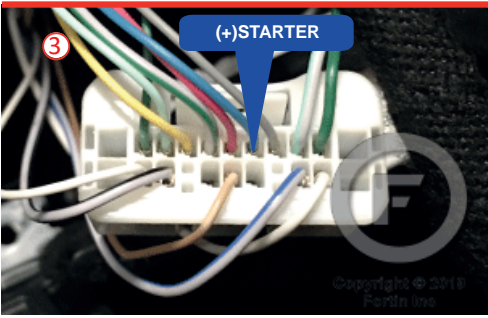
<b>A11</b>	<b>OFF</b>
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**Notice:** the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

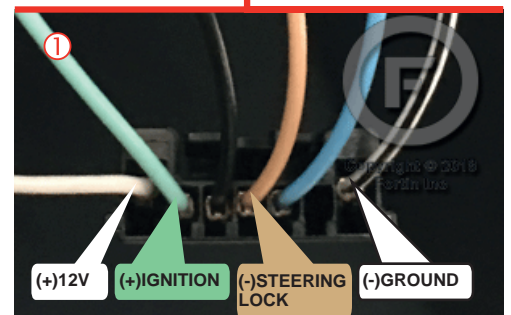
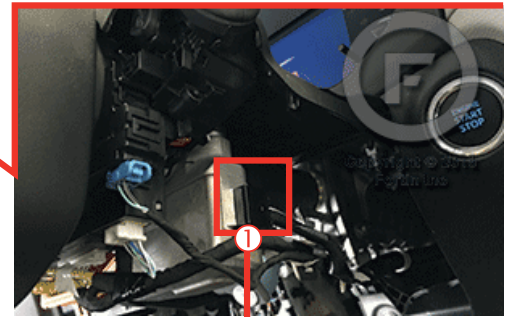
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

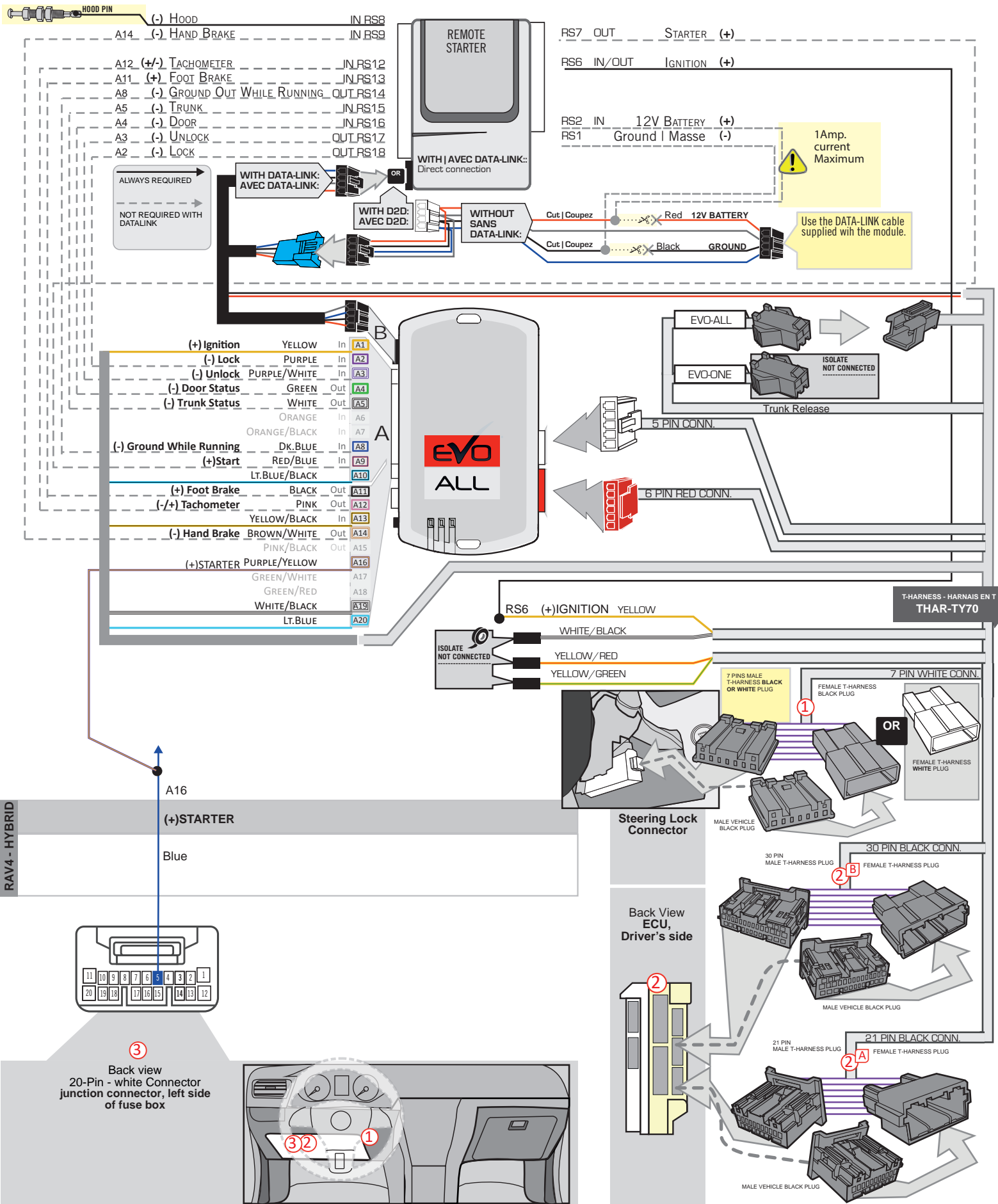
②③ ECU, Driver's side



① At Steering Column



THAR-TOY13 | WIRING CONNECTION



DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

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

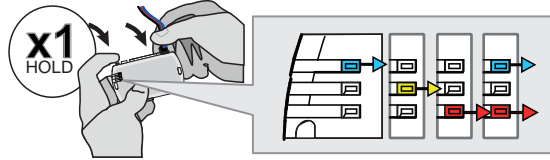
OR

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



BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

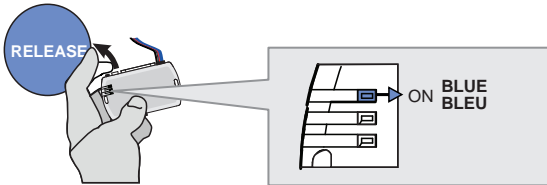
1



Press and hold the programming button: Connect the 4-PIN Data-link connector.

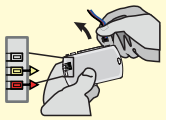
The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

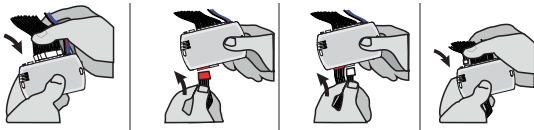


Release the programming button when the LED is BLUE.

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

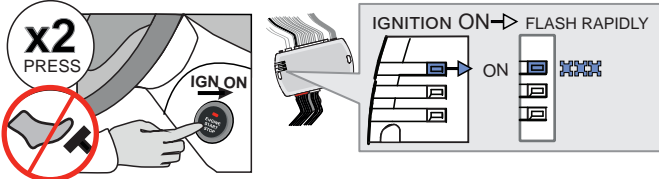


3



Insert the required remaining connectors.

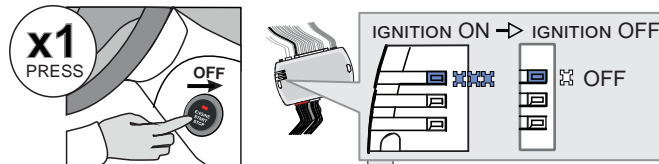
4



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

Wait for the BLUE LED to flash rapidly and constantly.

5



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

The BLUE LED will turn off.

→ ALTERNATE

If the RED and YELLOW LEDs alternate:

GO STEP 6 at Dcryptor process.

OR

CONTINUED NEXT PAGE

→ OFF

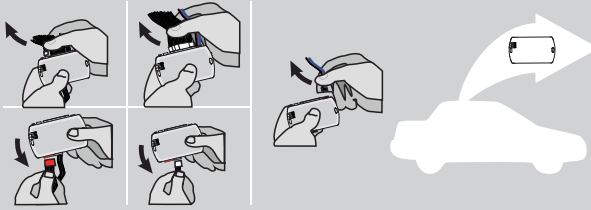
If the LEDs turn OFF:

The module is now programmed.



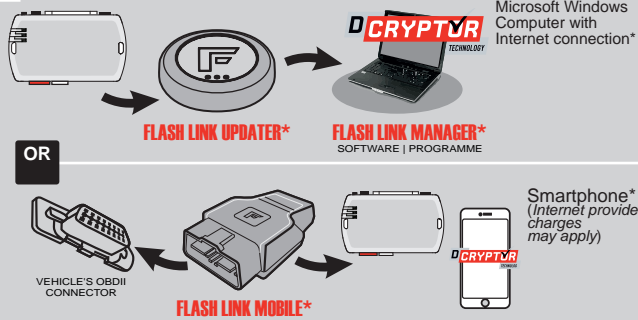
KEY BYPASS PROGRAMMING PROCEDURE 2/2

6



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

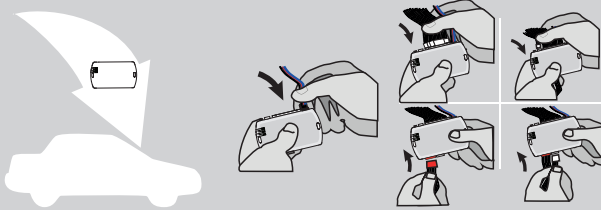
7



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

\*Parts required (not included)

8



**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.

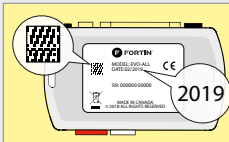
REMOTE STARTER FUNCTIONALITY

<p><b>START</b></p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p><b>UNLOCK</b></p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p><b>OFF</b></p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
--	---	--	--	--	--	---

THAR-TOY13 THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)															
		Immobilizer bypass	T-Harness (Sold separately)	Lock	Unlock	Arm	Disarm	Parking Lights	Tachometer	Autolight	Trunk Release	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring**
TOYOTA																	
RAV4	Hybrid Push-to-Start 2021	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



COMPATIBLE MODULE REQUIRED:

QR CODE ON THE LABEL MANUFACTURED AFTER: 2019

FIRMWARE VERSION

79.[69] 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>C1</b>	OEM Remote status (Lock/Unlock) monitoring
<b>D4</b>	Hybrid mode (Vehicle hybrid only)
<b>D6</b>	Push-to-Start
<b>A11</b>	Hood trigger (Output Status).

Program bypass option:

Program bypass option (Vehicle hybrid only):

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

NOTES



The vehicles OEM remote and SmartKey are still operable during remote start.

NO KEY TAKEOVER

Activate the alarm option in the starter module.

MANDATORY INSTALL

\*HOOD PIN



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

A11

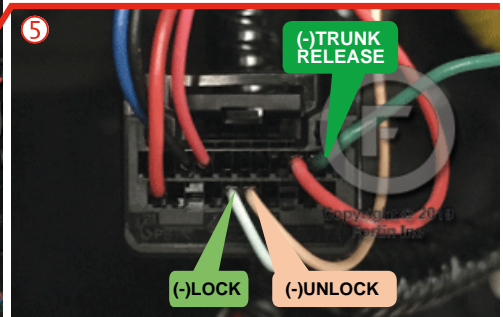
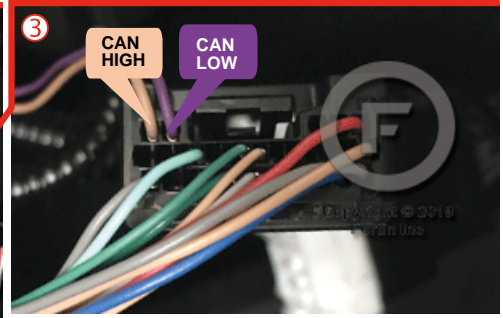
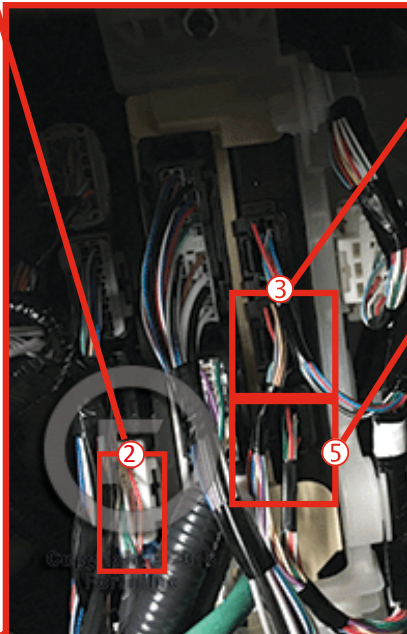
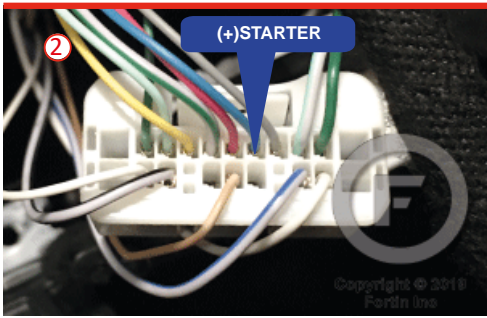
OFF

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

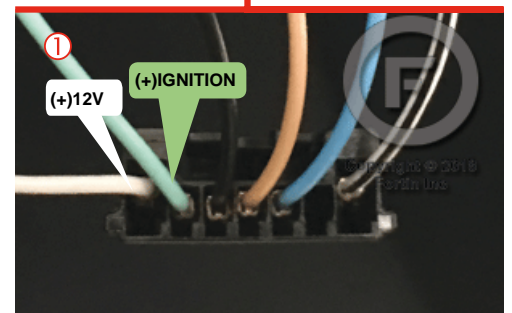
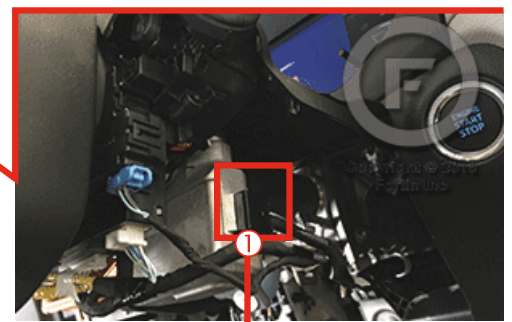
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

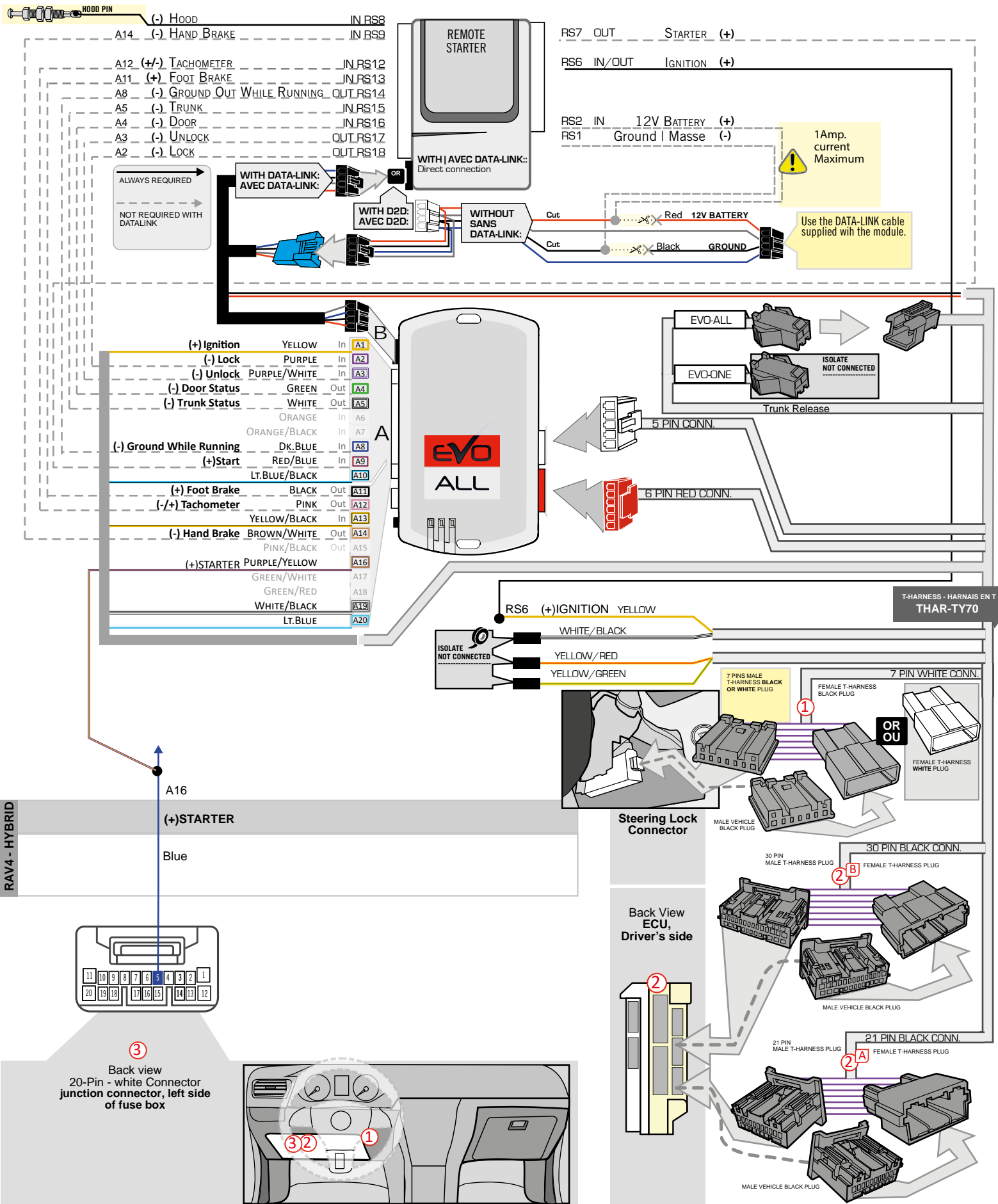
② ③ ⑤ ECU, Driver's side



① At Steering Column



THAR-TOY13 | 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

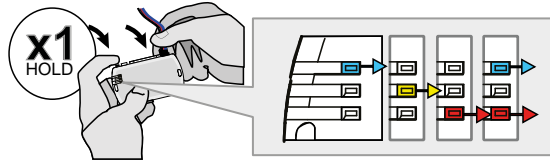
OR

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



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

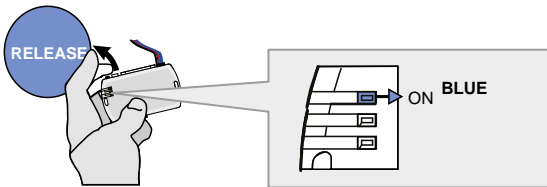
1



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

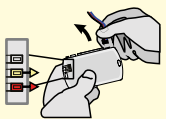
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

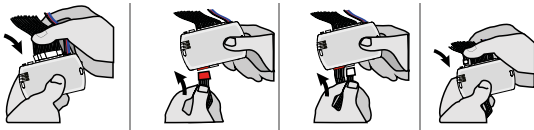


**Release** the programming button when the LED is BLUE.

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

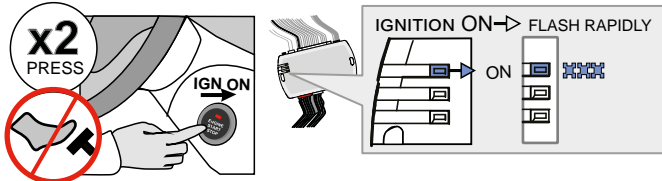


3



**Insert** the required remaining connectors.

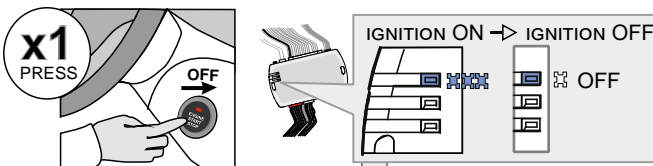
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

OR

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:

**GO STEP 6** at Dcryptor process.

**CONTINUED NEXT PAGE**

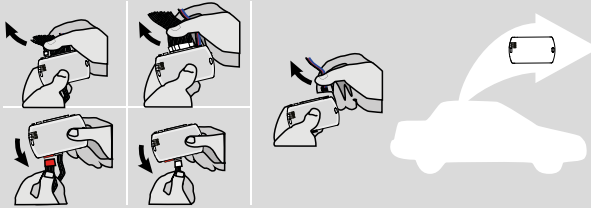
→ OFF

↳ If the LEDS turn OFF:

The module is now programmed.

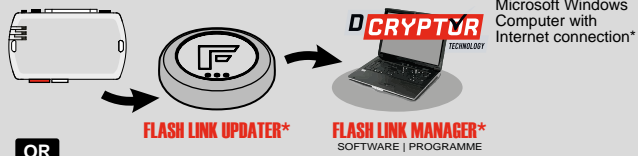
KEY BYPASS PROGRAMMING PROCEDURE 2/2

6



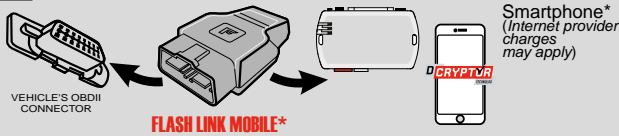
Disconnect all the connectors and after the Data-Link (4-pins) connector.

7



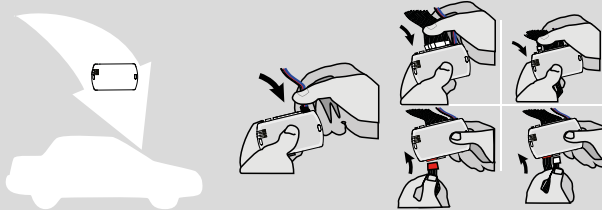
Use the tool: FLASH LINK UPDATER or FLASH LINK MOBILE to visit the DCryptor menu.

OR



\*Parts required (not included)

8



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








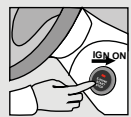

The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.


REMOTE STARTER FUNCTIONALITY

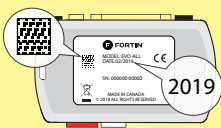
<p style="text-align: center;">START</p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p style="text-align: center;">UNLOCK</p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p style="text-align: center;">OFF</p>  <p><i>The module will shut down the vehicle as soon as the driver's door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
---	--	--	--	--	--	---




**THAR-TOY13 THARNES INSTALLATION**


ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE		Vehicle functions supported in this diagram (functional if equipped)													
	YEARS	Immobilizer bypass	Lock	Unlock	Arm	Disarm	Trunk (open)	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring**
	<b>TOYOTA</b> Avalon <i>Push-to-Start</i> 2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•

	<b>COMPATIBLE MODULE REQUIRED:</b>	<b>QR CODE ON THE LABEL</b> MANUFACTURED AFTER: 2019	<b>FIRMWARE VERSION</b> <b>79.[66]</b> MINIMUM	To add the firmware version and the options, use the <b>FLASH LINK UPDATER</b> or <b>FLASH LINK MOBILE</b> tool, sold separately.


	UNIT OPTION	DESCRIPTION
	<b>C1</b>	OEM Remote status (Lock/Unlock) monitoring
	<b>D6</b>	Push-to-Start
<b>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</b>	<b>A11</b>	<b>OFF</b> Hood trigger (Output Status).

**NOTES**

\*  The vehicles OEM remote and SmartKey are still operable during remote start.

**NO KEY TAKEOVER**

**MANDATORY INSTALL**

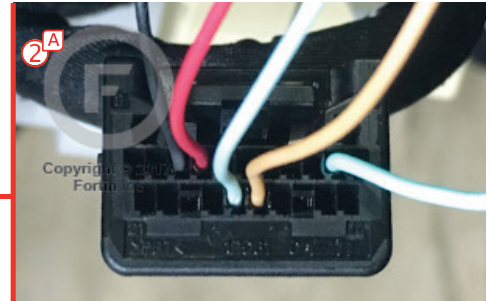
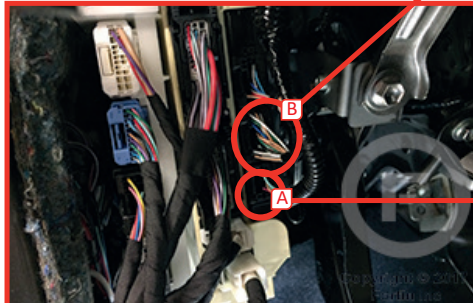
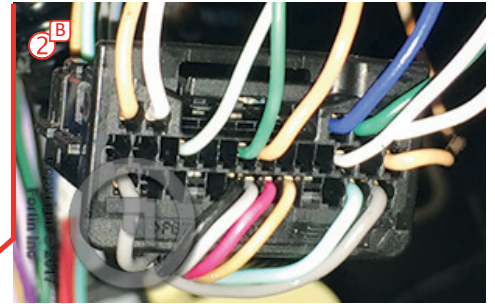
\* **HOOD PIN**  **HOOD STATUS:** THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

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

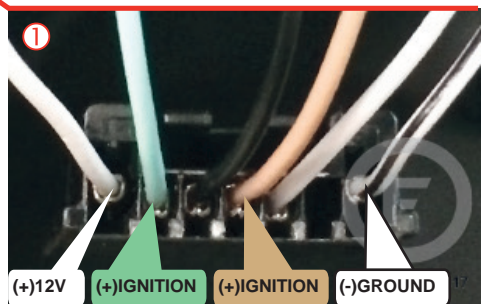
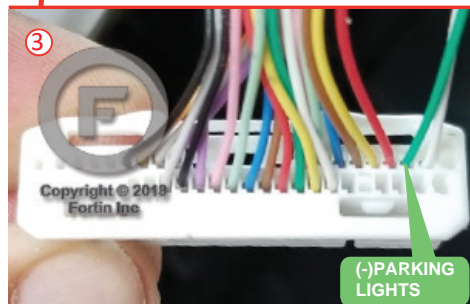
**THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.**

DESCRIPTION

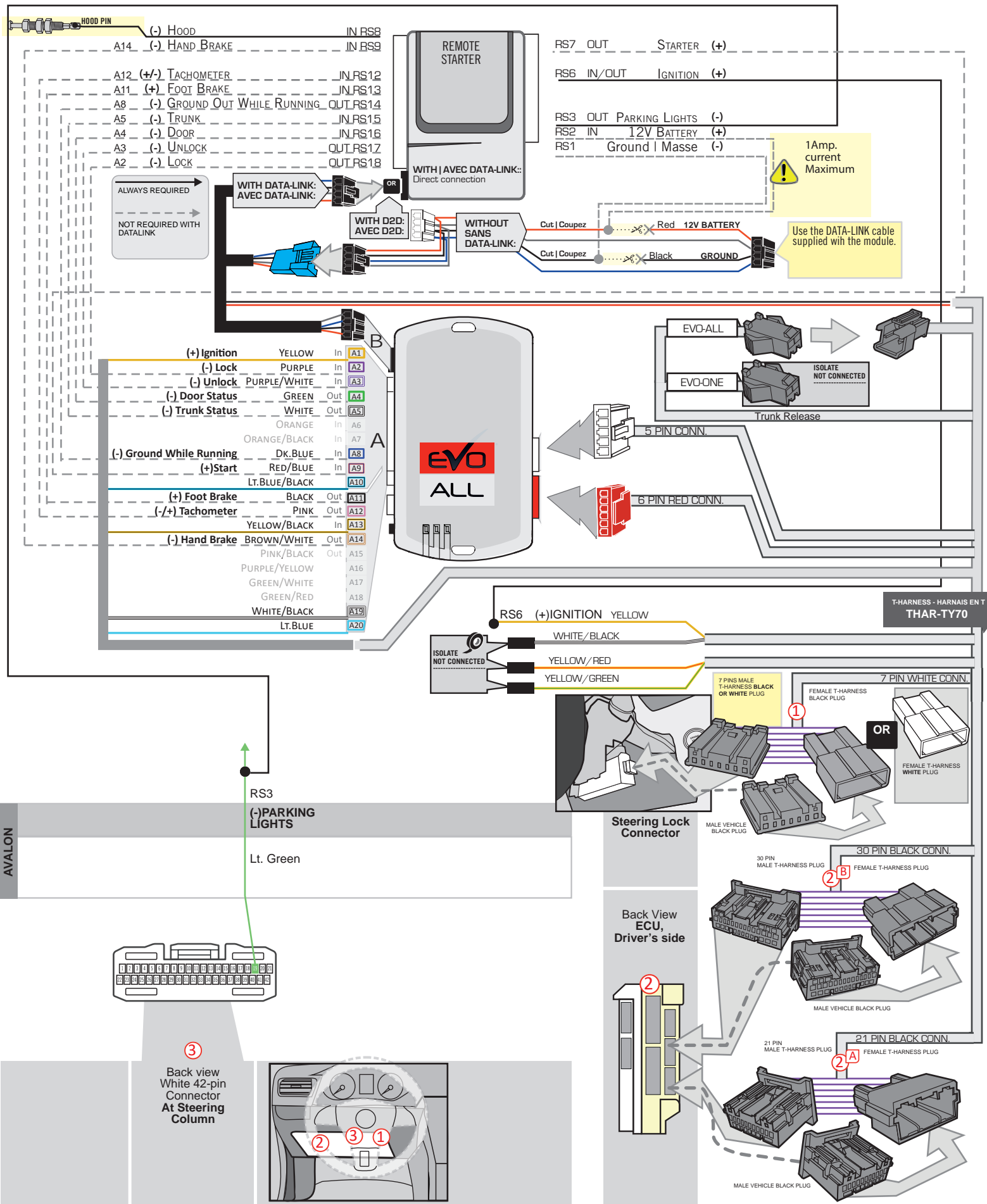
② ECU, Driver's side



③① At Steering Column



THAR-TOY13 | WIRING CONNECTION



**DCRYPTOR PROGRAMMING PROCEDURE**



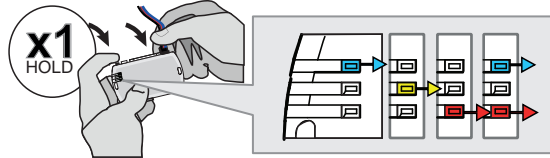
- Parts required (not included)**
- 1x **FLASH LINK UPDATER,**
  - 1x **FLASH LINK MANAGER**  
SOFTWARE | PROGRAMME
  - 1x Microsoft Windows Computer with Internet connection

OR

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

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

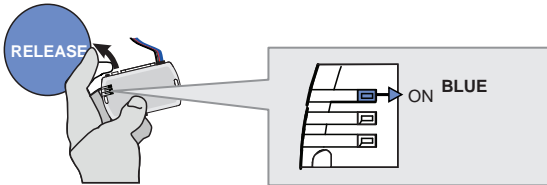
1



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

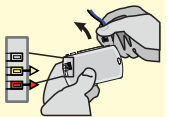
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

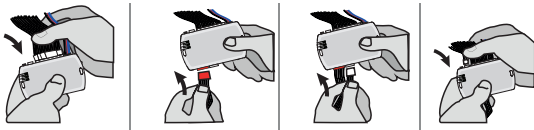


**Release** the programming button when the LED is BLUE.

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

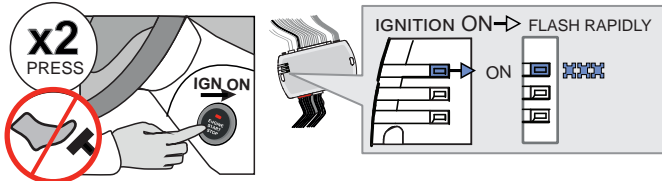


3



**Insert** the required remaining connectors.

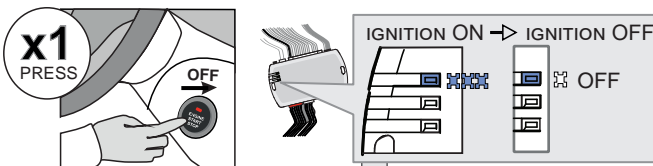
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:

**GO STEP 6** at Dcryptor process.

CONTINUED NEXT PAGE

→ OFF

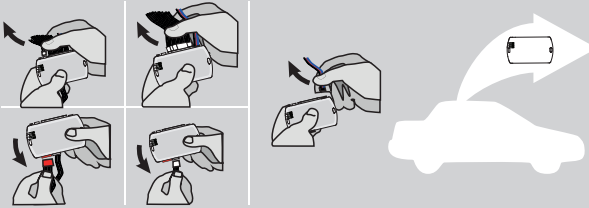
↳ If the LEDS turn OFF:

The module is now programmed.



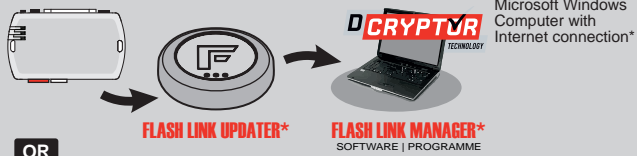
KEY BYPASS PROGRAMMING PROCEDURE 2/2

6



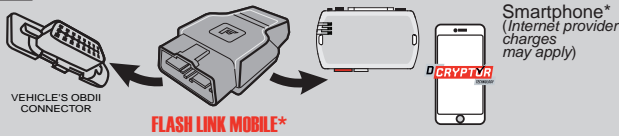
**Disconnect** all the connectors and after the Data-Link (4-pins) connector.

7



Microsoft Windows  
Computer with  
Internet connection\*

OR

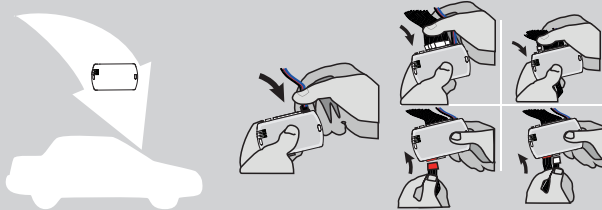


Smartphone\*  
(Internet provider  
charges may apply)

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

\*Parts required (not included)

8



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






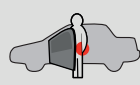



The module is now programmed.



**REMOTE STARTER / ALARM VERIFICATION PROCEDURE**


Test the remote starter. Remote start the vehicle.

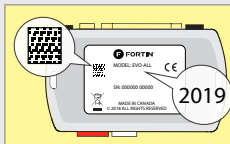
REMOTE STARTER FUNCTIONALITY

<p><b>START</b></p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p><b>UNLOCK</b></p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p><b>OFF</b></p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
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# THAR-TOY13 THARNES INSTALLATION

## ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)															
		Immobilizer bypass	Lock	Unlock	Arm	Disarm	Parking Lights	Tachometer	Autolight	Trunk Release	Rear Defrost	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring**
																	
<b>LEXUS</b>																	
UX250H	Push-to-Start 2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•




**COMPATIBLE MODULE REQUIRED:**

**QR CODE ON THE LABEL**  
MANUFACTURED AFTER: 2019

**79.[66]**  
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
		<b>C1</b>	OEM Remote status (Lock/Unlock) monitoring
Program bypass option (Vehicle hybrid only):		<b>D4</b>	Hybrid mode (Vehicle hybrid only)
		<b>D6</b>	Push-to-Start
IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:		<b>A11</b>	<b>OFF</b> Hood trigger (Output Status).

### NOTES



The vehicles OEM remote and SmartKey are still operable during remote start.

### NO KEY TAKEOVER

### 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.

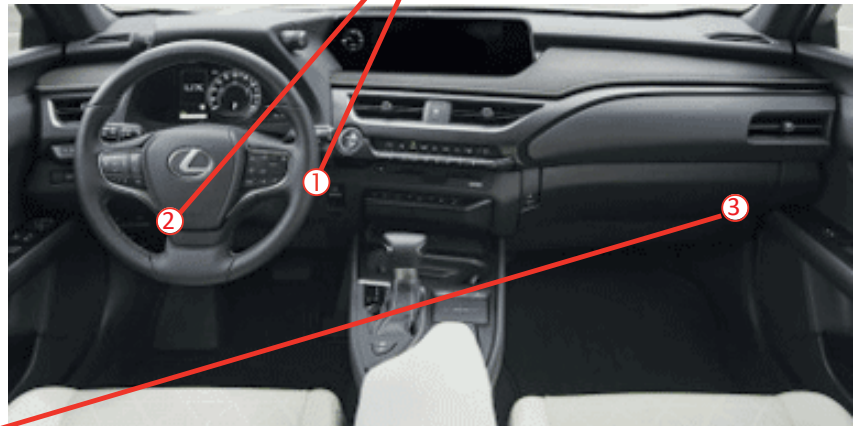
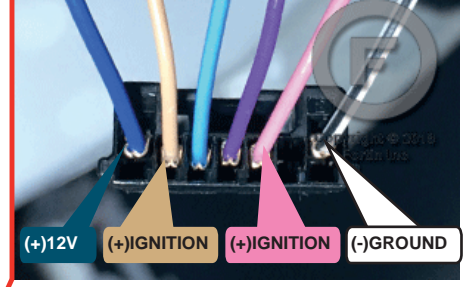
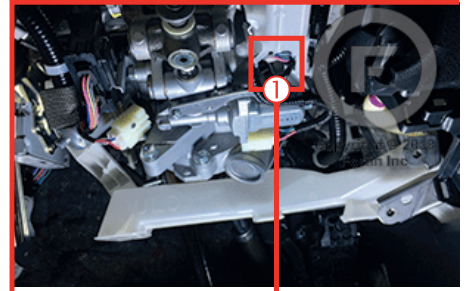
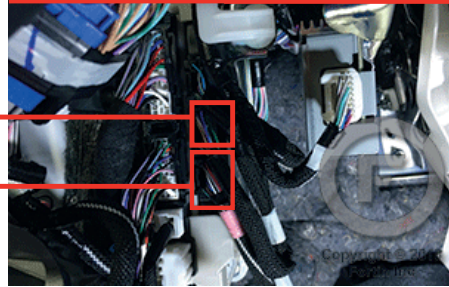
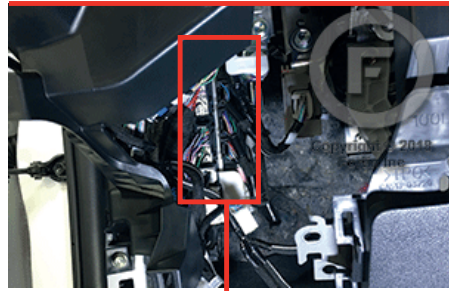
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

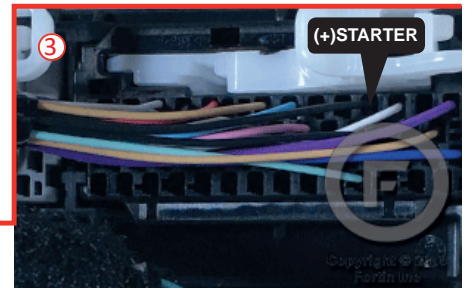
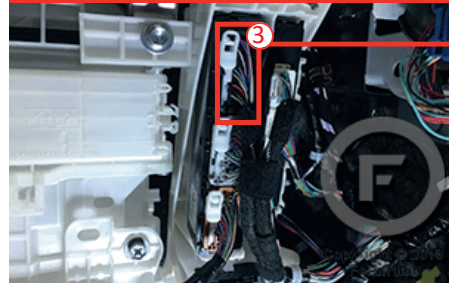
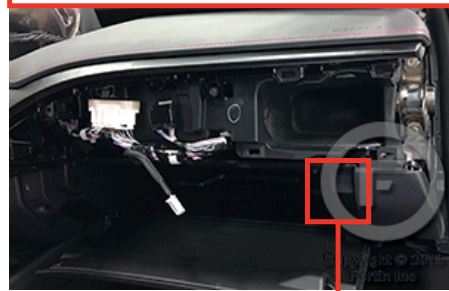
Steering Lock Connector  
Connecteur Steering Lock

② ECU, driver's side

①

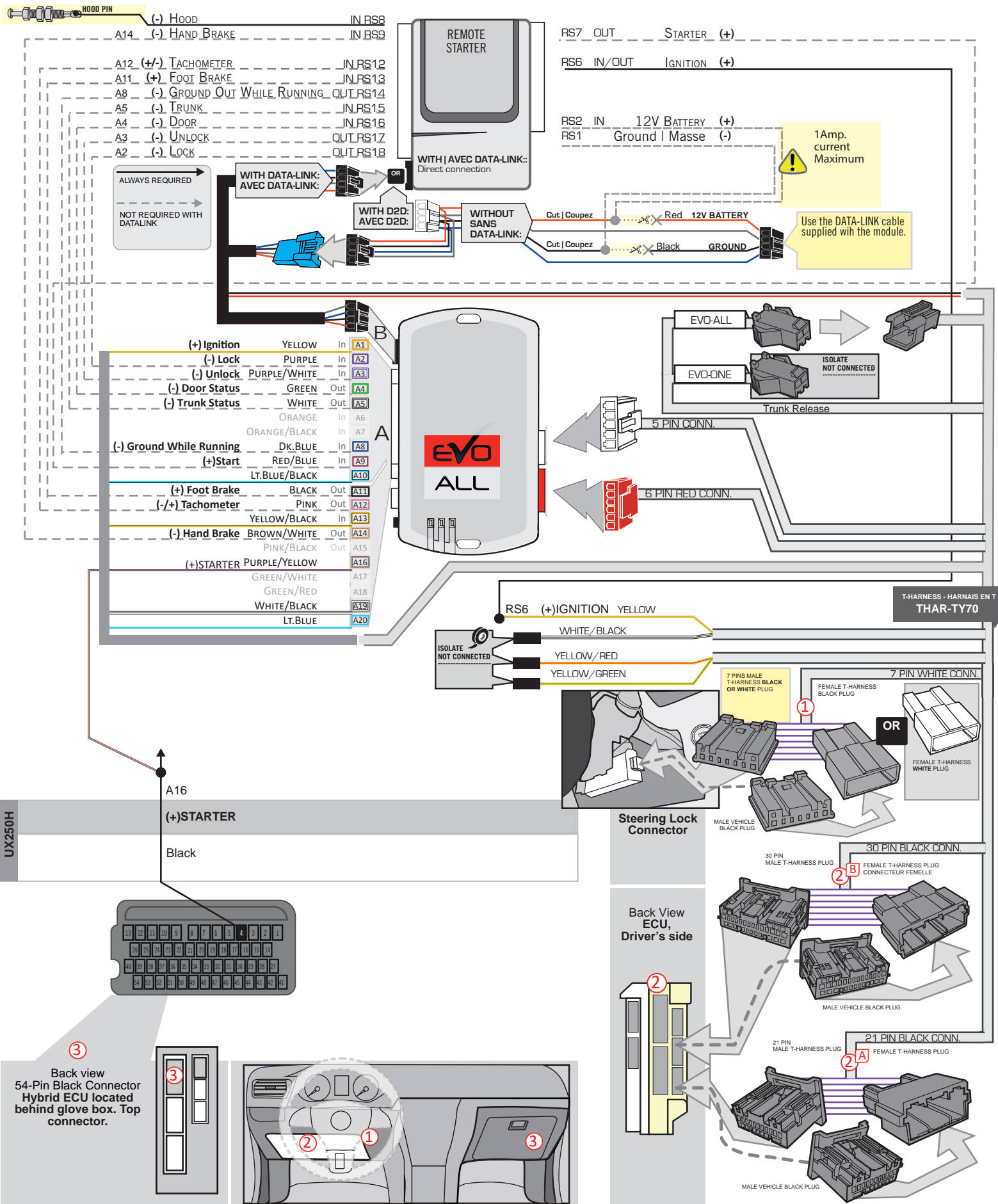


③ ECU, behind glove box



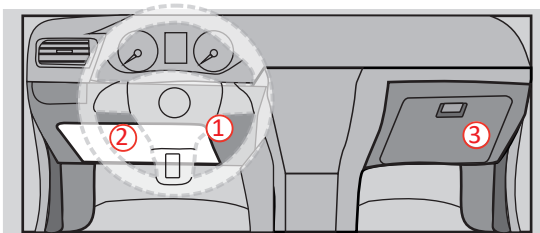
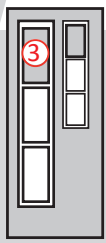


THAR-TOY13 | WIRING CONNECTION

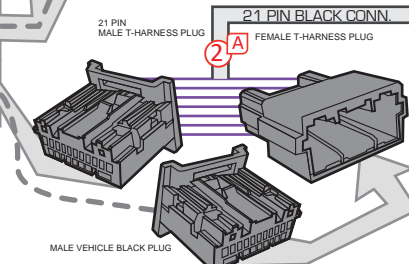
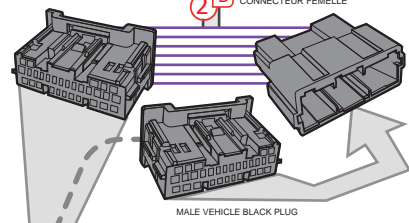
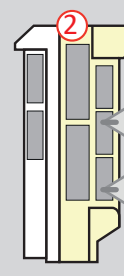


UX250H

3 Back view 54-Pin Black Connector Hybrid ECU located behind glove box. Top connector.



Back View ECU, Driver's side



**DCRYPTOR PROGRAMMING PROCEDURE**



Parts required (not included)

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

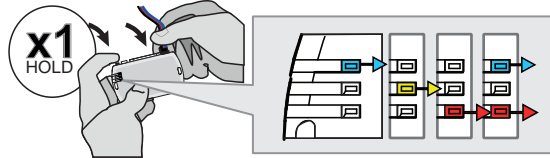
OR

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



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

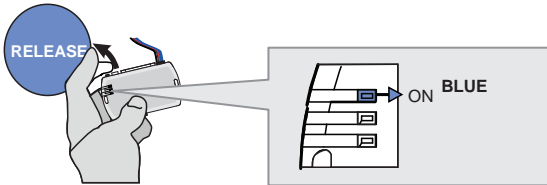
1



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

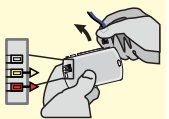
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

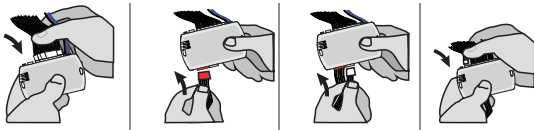


**Release** the programming button when the LED is BLUE.

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

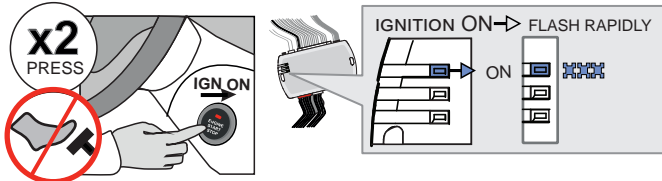


3



**Insert** the required remaining connectors.

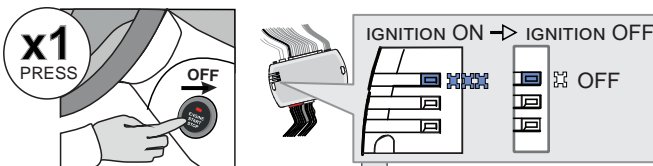
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

OR

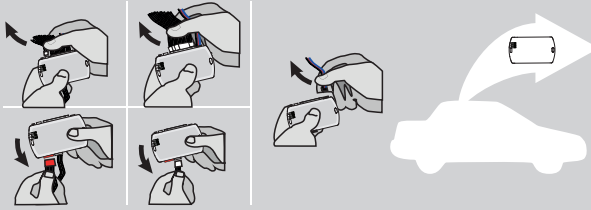
- ALTERNATE  
↳ If the RED and YELLOW LEDs alternate:  
**GO STEP 6** at Dcryptor process.

**CONTINUED NEXT PAGE**

- OFF  
↳ If the LEDS turn OFF:  
The module is now programmed.

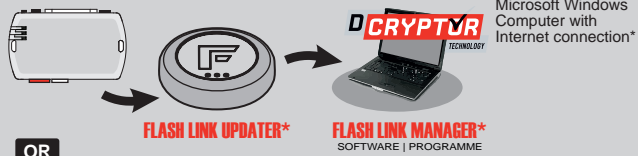
KEY BYPASS PROGRAMMING PROCEDURE 2/2

6



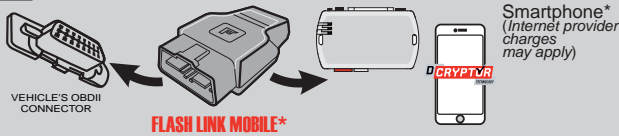
**Disconnect** all the connectors and after the Data-Link (4-pins) connector.

7



Microsoft Windows  
Computer with  
Internet connection\*

OR

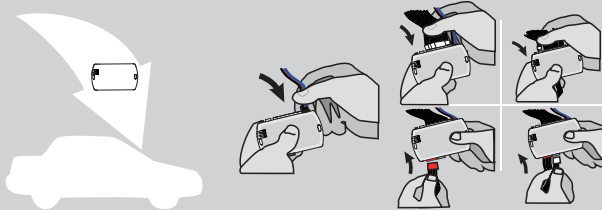


Smartphone\*  
(Internet provider  
charges may apply)

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

\*Parts required (not included)

8



**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

<p><b>START</b></p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p><b>UNLOCK</b></p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p><b>OFF</b></p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
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# THAR-TOY13 THARNNESS STANDALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

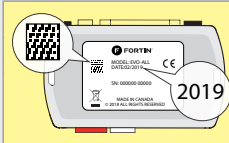


**ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.**



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

VEHICLE	YEARS	Immobilizer bypass	Lock	Unlock	Arm	Disarm	Parking Lights	Trunk Open	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring**
<b>TOYOTA</b>															
Camry	Push-to-Start - AT 2018-2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•



**COMPATIBLE MODULE REQUIRED:**

**QR CODE ON THE LABEL**  
MANUFACTURED AFTER: 2019

FIRMWARE VERSION

**79.[66]**  
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 OPTION UNITE

DESCRIPTION

**C1**

OEM Remote status (Lock/Unlock) monitoring

**D6**

Push-to-Start

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

**A11**

**OFF**

Hood trigger (Output Status).

**NOTES**



The vehicles OEM remote and SmartKey are still operable during remote start.

**NO KEY TAKEOVER**

**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.


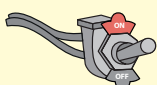
**PARTS REQUIRED (NOT INCLUDED)**

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 select RF Kit


**REMOTE STARTER FUNCTIONALITY**



All doors must be closed.

**3X**  

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




The vehicle will START.

**REMOTE STARTER DIAGNOSTICS**  
MODULE RED LED


<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**

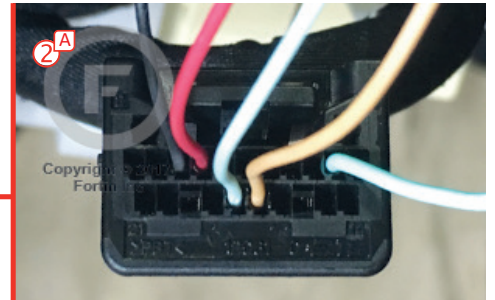
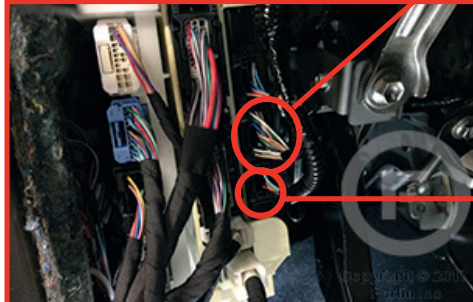
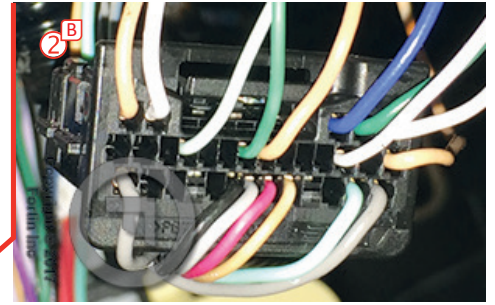


REMOTE STARTER

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

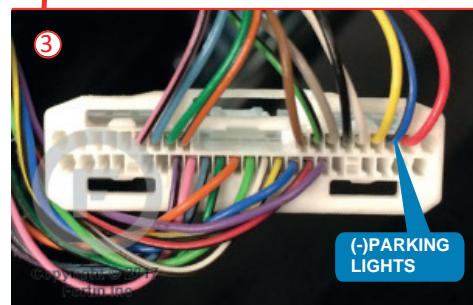
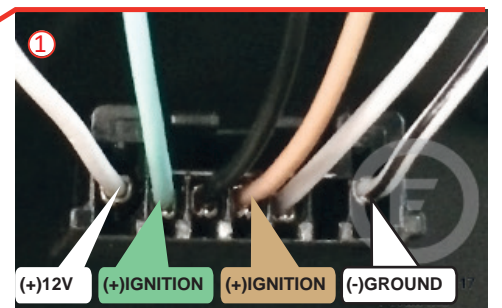
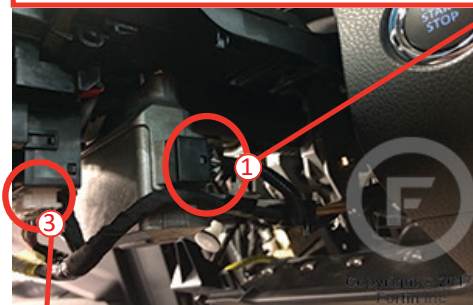
DESCRIPTION

② ECU, Driver's side

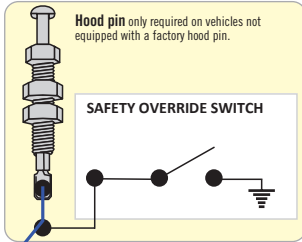


① ③ At Steering Column

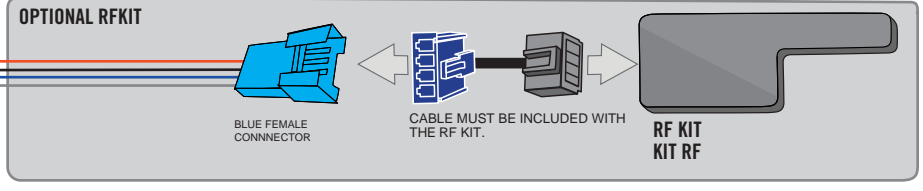
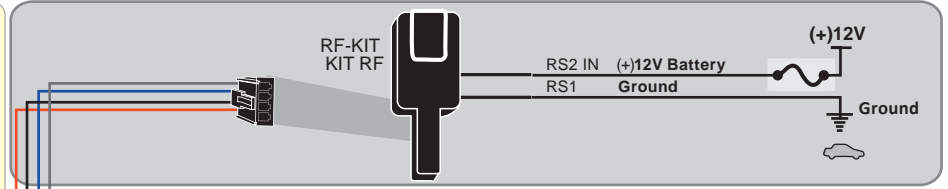
Steering Lock Connector



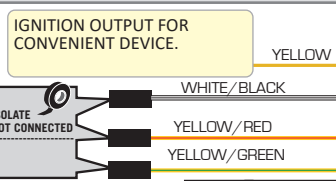
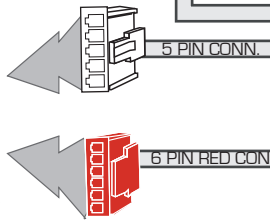
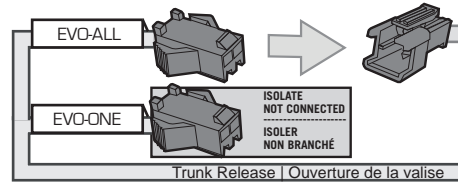
THAR-TOY13 | WIRING CONNECTION AUTOMATIC TRANSMISSION



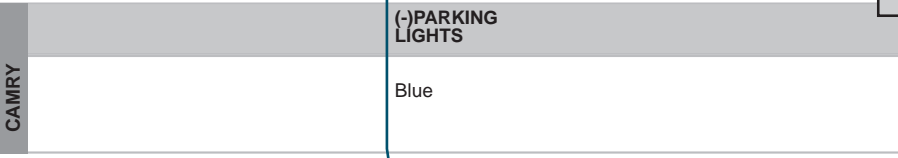
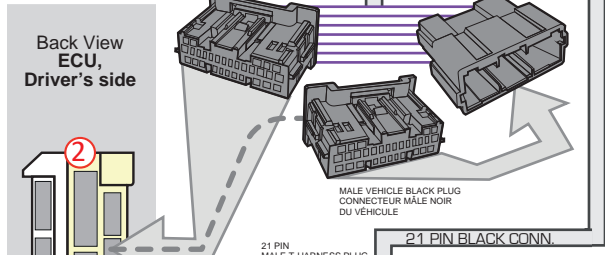
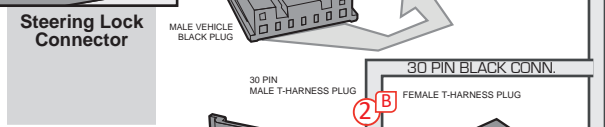
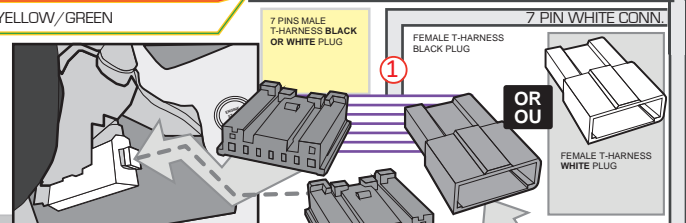
(-) Lock/Unlock input external control



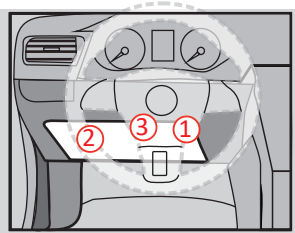
YELLOW	In	A1
PURPLE	In	A2
PURPLE/WHITE	In	A3
GREEN	Out	A4
WHITE	Out	A5
ORANGE	In	A6
ORANGE/BLACK	In	A7
Dk.BLUE	In	A8
Red/BLUE	In	A9
Lt.BLUE/BLACK	In	A10
BLACK	Out	A11
PINK	Out	A12
YELLOW/BLACK	In	A13
BROWN/WHITE	Out	A14
PINK/BLACK	Out	A15
PURPLE/YELLOW	Out	A16
GREEN/WHITE	Out	A17
GREEN/RED	Out	A18
WHITE/BLACK	Out	A19
Lt.BLUE	Out	A20



T-HARNES - HARNAIS EN T THAR-TY70



3 Back view White 42-pin Connector At Steering Column





**DCRYPTOR PROGRAMMING PROCEDURE**



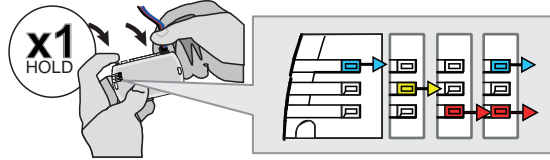
- Parts required (not included)**
- 1x **FLASH LINK UPDATER,**
  - 1x **FLASH LINK MANAGER**  
SOFTWARE | PROGRAMME
  - 1x Microsoft Windows Computer with Internet connection

OR  
OU

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

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

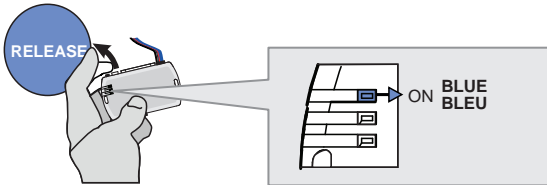
1



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

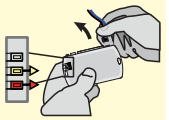
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

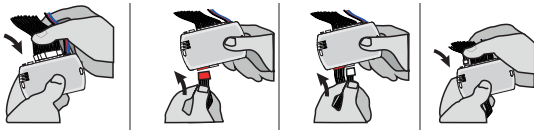


**Release** the programming button when the LED is BLUE.

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

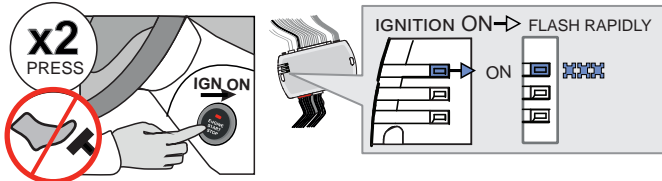


3



**Insert** the required remaining connectors.

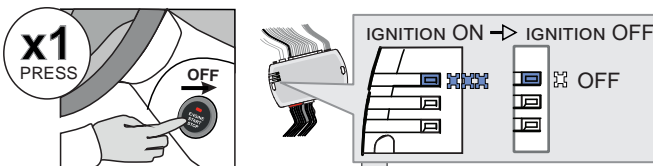
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

OR OU

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:

**GO STEP 6** at Dcryptor process.

**CONTINUED NEXT PAGE**

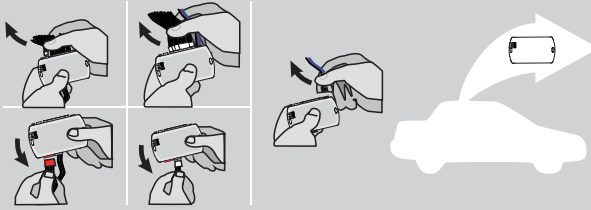
→ OFF

↳ If the LEDS turn OFF:

The module is now programmed.

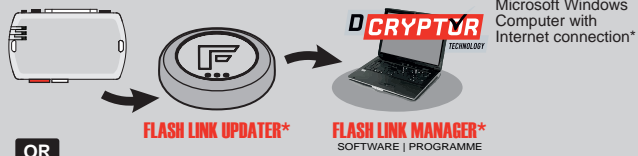
KEY BYPASS PROGRAMMING PROCEDURE 2/2

6



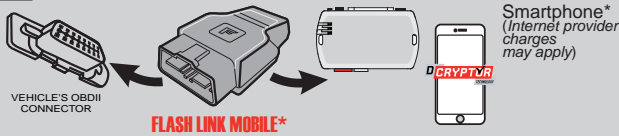
**Disconnect** all the connectors and after the Data-Link (4-pins) connector.

7



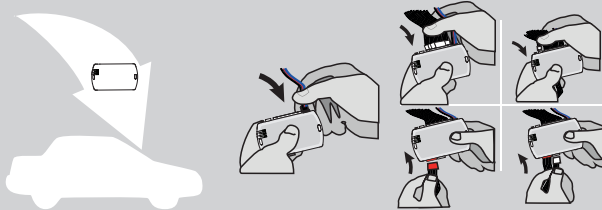
Use the tool: **FLASH LINK UPDATER** or **FLASH LINK MOBILE** to visit the DCryptor menu.

OR



\*Parts required (not included)

8



**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**


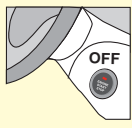













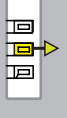
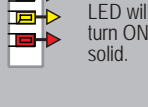
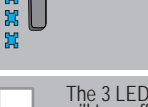

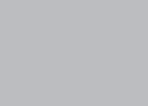
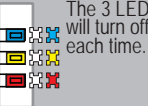
Test the remote starter. Remote start the vehicle.

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>x2</b> PRESS</p>  <p>Press the Push-to-Start button twice to turn on the ignition.</p>	<p>2</p> <p>OFF <b>x1</b> PRESS</p>  <p>Press the Push-to-Start button once to turn off the ignition.</p>	<p>3</p> <p>ON <b>x2</b> PRESS</p>  <p>Press the Push-to-Start button twice to turn on the ignition.</p>	<p>4</p> <p>4X BRAKES</p> <p><b>x4</b> PRESS</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</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>x1</b> PRESS</p>  <p>Press the Push-to-Start button once to turn off the ignition.</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 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 3 LED will turn off.</p> 
				<p>The 3 LED will turn ON solid.</p> 	<p>The 3 LED will turn off each time.</p> 	



REMOTE STARTER FUNCTIONALITY

<p><b>START</b></p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p><b>UNLOCK</b></p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p><b>OFF</b></p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
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# THAR-TOY13 THARNES STANDALONE INSTALLATION

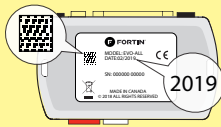
## ADDENDUM - SUGGESTED WIRING CONFIGURATION




**ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.**

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

VEHICLE	YEARS	Immobilizer bypass	Lock	Unlock	Arm	Disarm	Parking Lights	Trunk Open	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring**
															
<b>TOYOTA</b>															
Camry	Hybrid Push-to-Start - AT 2018-2021	•	•	•	•	•	•	•	•	•	•	•	•	•	•

	<b>COMPATIBLE MODULE REQUIRED:</b>	<b>QR CODE ON THE LABEL</b> MANUFACTURED AFTER: 2019	<b>FIRMWARE VERSION</b> <b>79.[66]</b> MINIMUM	To add the firmware version and the options, use the <b>FLASH LINK UPDATER</b> or <b>FLASH LINK MOBILE</b> tool, sold separately.
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	UNIT OPTION	DESCRIPTION
 <b>Program bypass option:</b>	<b>C1</b>	OEM Remote status (Lock/Unlock) monitoring
	<b>D4</b>	Hybrid mode (Vehicle hybrid only)
	<b>D6</b>	Push-to-Start
<b>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</b>	<b>A11</b>	<b>OFF</b> Hood trigger (Output Status).

**NOTES**



The vehicles OEM remote and SmartKey are still operable during remote start.

**NO KEY TAKEOVER**

**MANDATORY INSTALL**

\*HOOD PIN



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

**A11**

**OFF**

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

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

**PARTS REQUIRED (NOT INCLUDED)**


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

OR

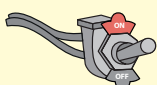
1x **FLASH LINK MOBILE**  
1x **FLASH LINK MOBILE APP**  
Smartphone *Android* or *iOS* with Internet connection (*provider charges may apply*).  
1x

**MANDATORY**

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH









VALET SWITCH


Part #: RSPB available, Sold separately.

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


**STAND ALONE CONFIGURATION**

	Program bypass option	UNIT OPTION	DESCRIPTION
	<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>Program bypass option Vehicle hybrid only:</b>	<b>D4</b>	Hybrid mode (Vehicle hybrid only)


**REMOTE STARTER FUNCTIONALITY**




All doors must be closed.

**3X** 

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




**START** 

The vehicle will START.

**REMOTE STARTER DIAGNOSTICS**  
MODULE RED LED

<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.

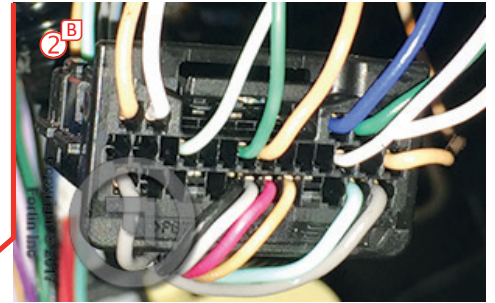
**WARNING | ATTENTION**



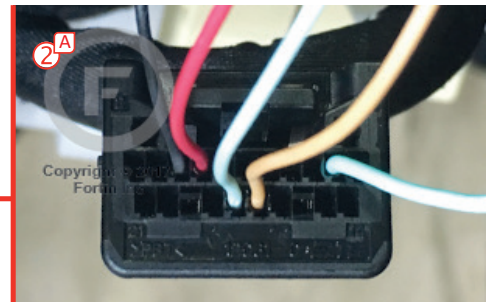
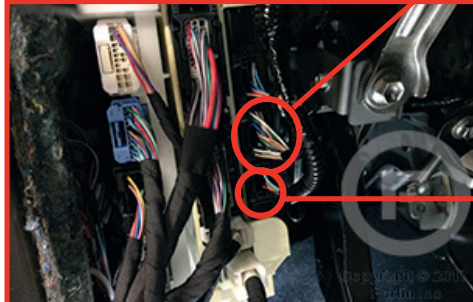
**REMOTE STARTER**

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



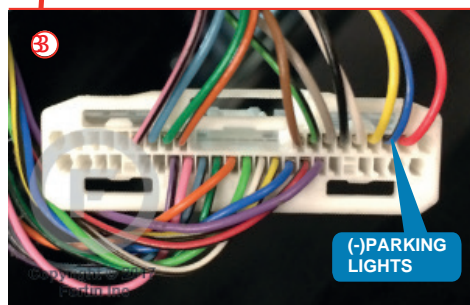
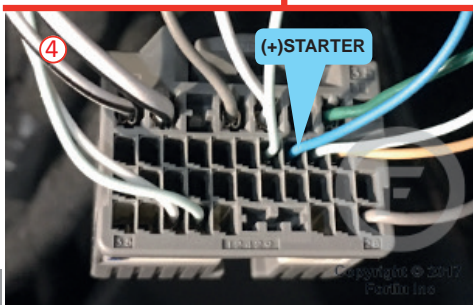
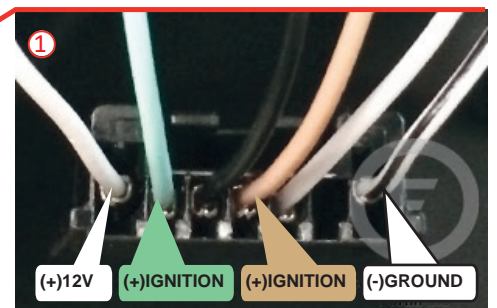
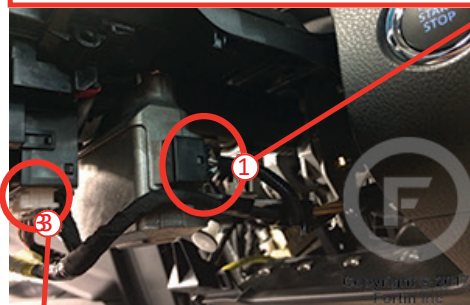
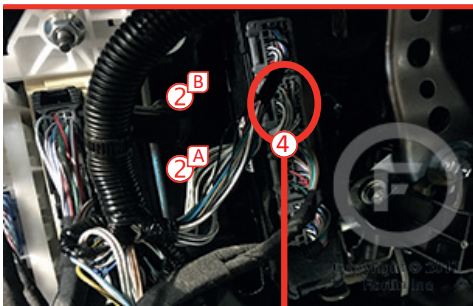
② ECU, Driver's side



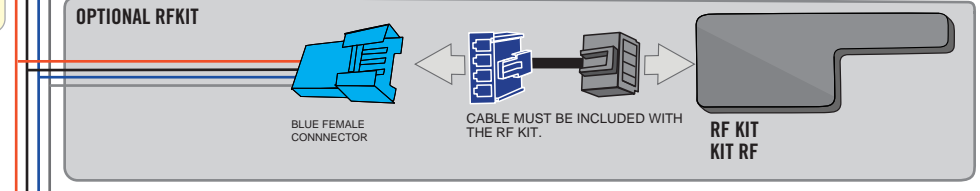
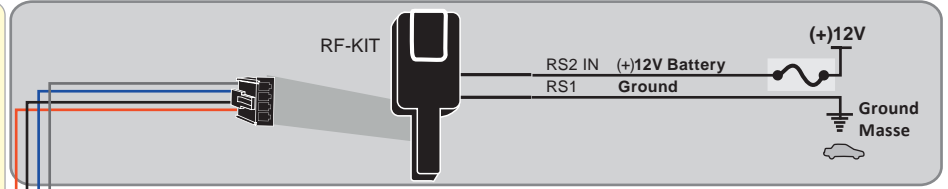
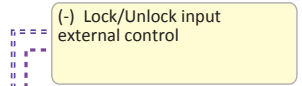
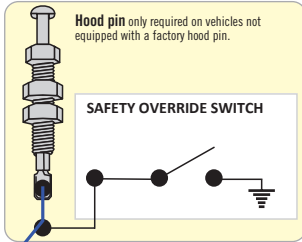
② ④ Hybrid ECU, left of steering column

① ③ At Steering Column

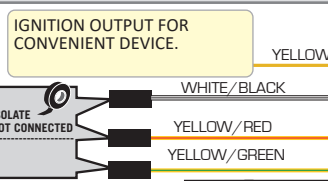
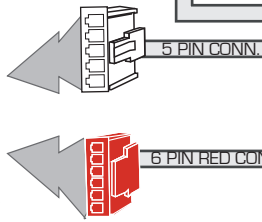
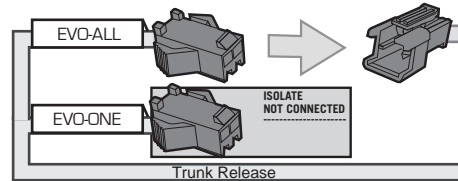
Steering Lock Connector



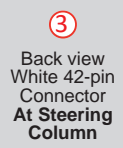
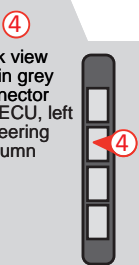
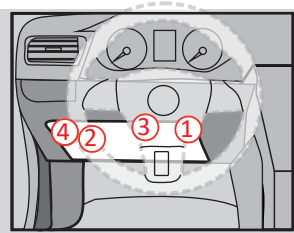
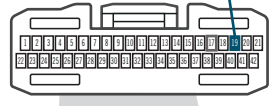
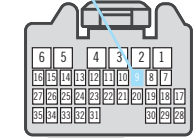
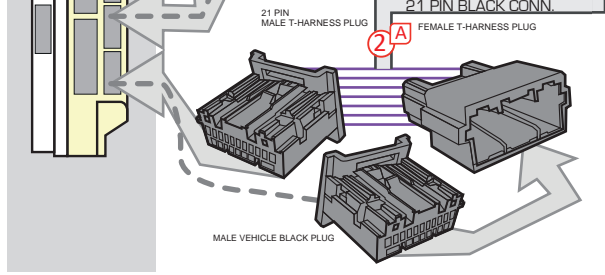
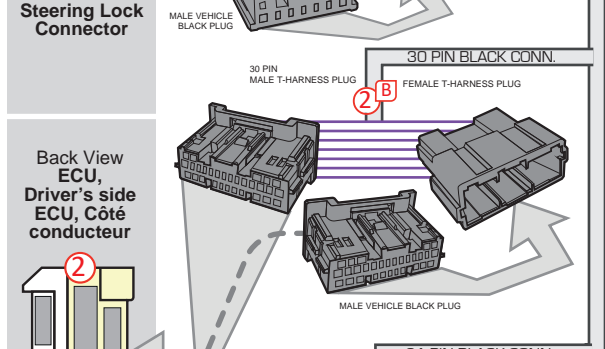
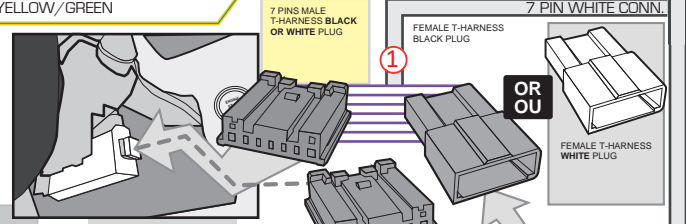
THAR-TOY13 | WIRING CONNECTION AUTOMATIC TRANSMISSION



YELLOW	In	A1
PURPLE	In	A2
PURPLE/WHITE	In	A3
GREEN	Out	A4
WHITE	Out	A5
ORANGE	In	A6
ORANGE/BLACK	In	A7
Dk.BLUE	In	A8
Red/BLUE	In	A9
Lt.BLUE/BLACK	In	A10
BLACK	Out	A11
PINK	Out	A12
YELLOW/BLACK	In	A13
BROWN/WHITE	Out	A14
PINK/BLACK	Out	A15
PURPLE/YELLOW	In	A16
GREEN/WHITE	In	A17
GREEN/RED	In	A18
WHITE/BLACK	In	A19
Lt.BLUE	In	A20



T-HARNES - HARNAIS EN T THAR-TY70





**DCRYPTOR PROGRAMMING PROCEDURE**



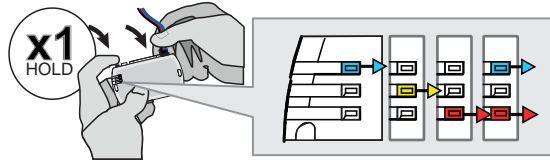
- Parts required (not included)**
- 1x **FLASH LINK UPDATER, FLASH LINK MANAGER** SOFTWARE
  - 1x Microsoft Windows Computer with Internet connection

OR

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

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

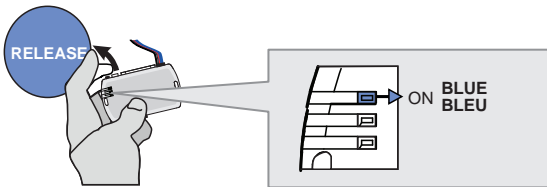
1



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

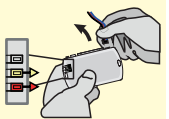
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

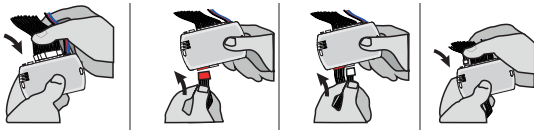


**Release** the programming button when the LED is BLUE.

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

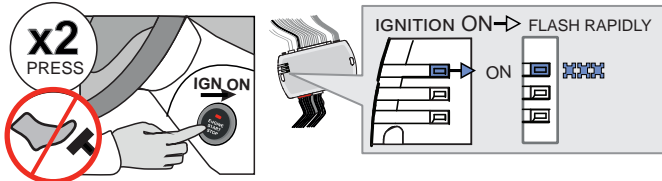


3



**Insert** the required remaining connectors.

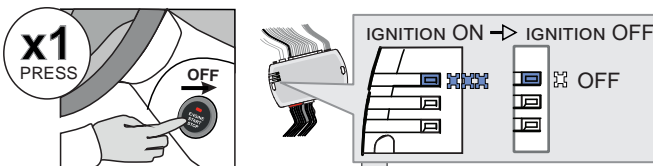
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

OR

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:

**GO STEP 6** at Dcryptor process.

**CONTINUED NEXT PAGE**

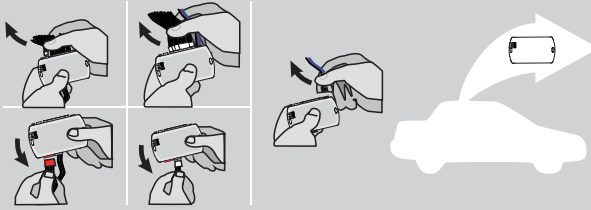
→ OFF

↳ If the LEDS turn OFF:

The module is now programmed.

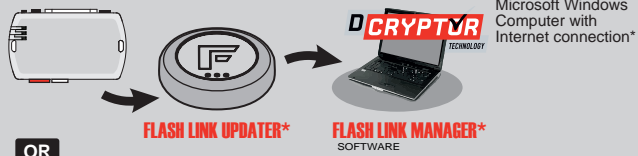
KEY BYPASS PROGRAMMING PROCEDURE 2/2

6



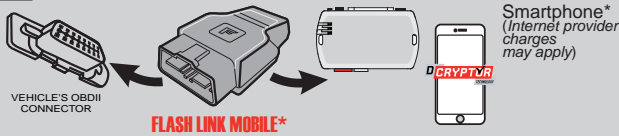
**Disconnect** all the connectors and after the Data-Link (4-pins) connector.

7



Microsoft Windows Computer with Internet connection\*

OR

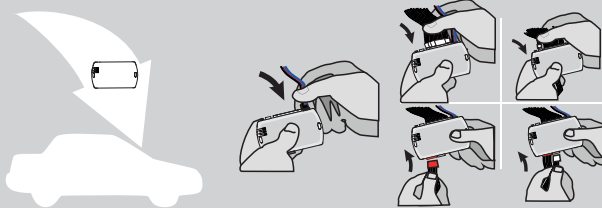


Smartphone\* (Internet provider charges may apply)

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

\*Parts required (not included)

8



**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



Program bypass option:

**H2**

Supported RF-KITS enable








**H2** Fortin 2

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>x2</b> PRESS</p> <p><b>Press the Push-to-Start button twice to turn on the ignition.</b></p>	<p>2</p> <p>OFF <b>x1</b> PRESS</p> <p><b>Press the Push-to-Start button once to turn off the ignition.</b></p>	<p>3</p> <p>ON <b>x2</b> PRESS</p> <p><b>Press the Push-to-Start button twice to turn on the ignition.</b></p>	<p>4</p> <p>4X BRAKES</p> <p><b>x4</b> PRESS</p> <p><b>Press and release the brake pedal four times.</b></p> <p>The LED will turn off each time.</p>	<p>5</p> <p>ON EACH TRANSMITTER</p> <p><b>4 BUTTONS</b></p> <p><b>[-] PRESS AND RELEASE</b></p> <p><b>[&gt;] PRESS AND RELEASE</b></p> <p><b>1 BUTTON</b></p> <p><b>PRESS APPROX. 12 SEC. AND WAIT FOR THE BLUE LED</b></p> <p>The LED will turn off each time.</p>	<p>6</p> <p>OFF <b>x1</b> PRESS</p> <p><b>Press the Push-to-Start button once to turn off the ignition.</b></p> <p>The LED will turn Off.</p>	
	<p>The <b>YELLOW</b> LED will turn ON solid.</p>	<p>The <b>YELLOW</b> LED will turn Off.</p>	<p>The <b>YELLOW</b> LED will turn ON solid.</p>	<p>The 3 LED will turn ON solid.</p>	<p>The LED will flash rapidly.</p>	<p>The 3 LED will turn off each time.</p>	<p>The 3 LED will turn off.</p>
	<p>The 3 LED will turn off each time.</p>						



REMOTE STARTER FUNCTIONALITY

<p><b>START</b></p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p><b>UNLOCK</b></p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p><b>OFF</b></p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
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# THAR-TOY13 THARNES STANDALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

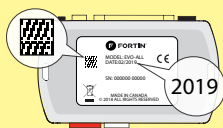

**ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.**

 VEHI-  
CLE

YEARS

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

VEHI- CLE	YEARS	Immobilizer bypass	Lock	Unlock	Arm	Disarm	Parking Lights	Trunk Release	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring**
<b>TOYOTA</b>															
Corolla	Hatchback Push-to-Start - AT	2019-2021	•	•	•	•	•	•	•	•	•	•	•	•	•
	Push-to-Start - AT	2020-2022	•	•	•	•	•	•	•	•	•	•	•	•	•


**COMPATIBLE MODULE REQUIRED:**
**QR CODE ON THE LABEL**  
 MANUFACTURED AFTER:  
 2019

FIRMWARE VERSION

**79.[66]**  
 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

**D6**

Push-to-Start

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

Hood trigger (Output Status).

**NOTES**


The vehicles OEM remote and SmartKey are still operable during remote start.

**NO KEY TAKEOVER**
**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 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**

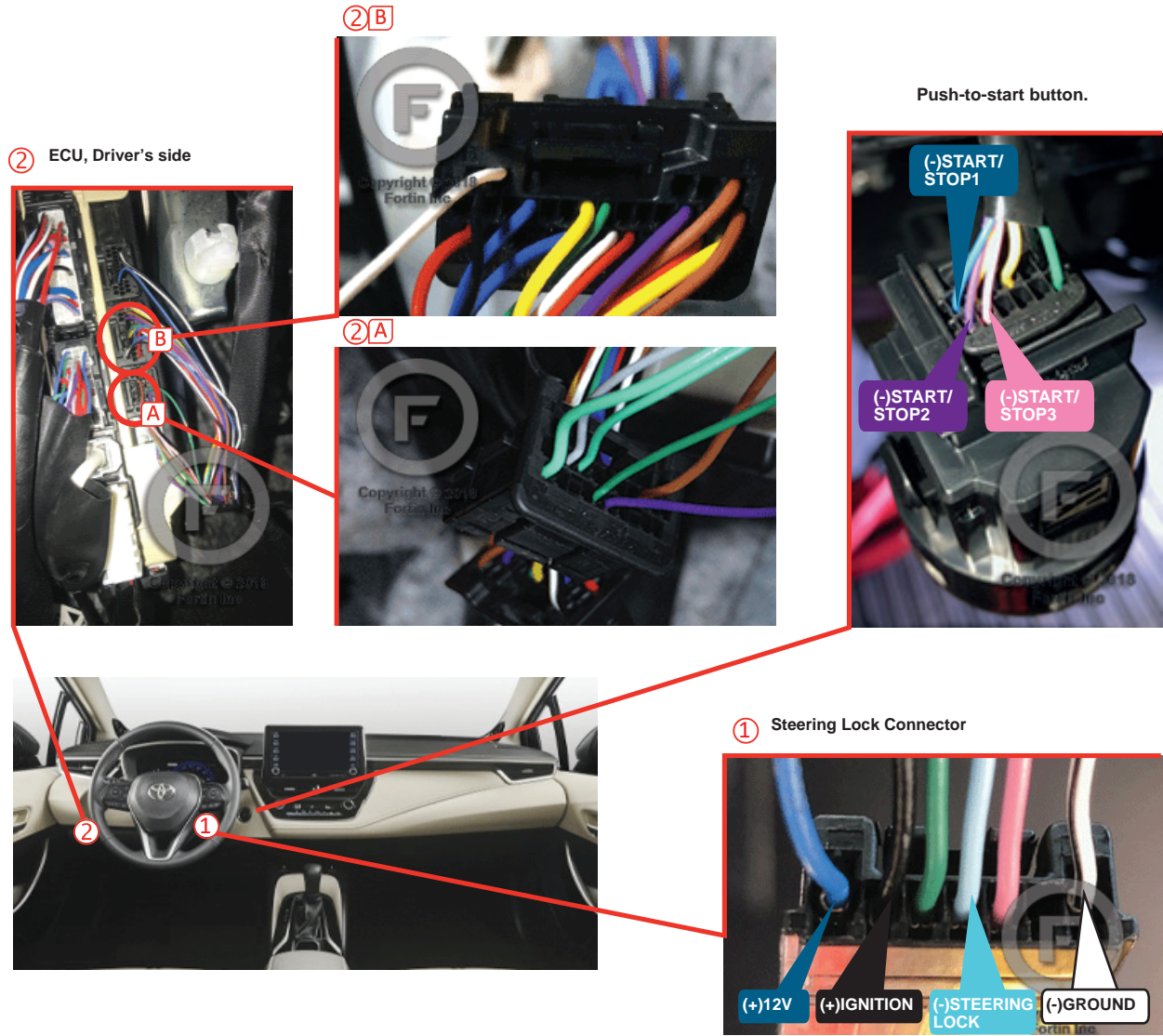
**CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:**  
 or use the package RSPB, Sold separately.

**WARNING | ATTENTION**

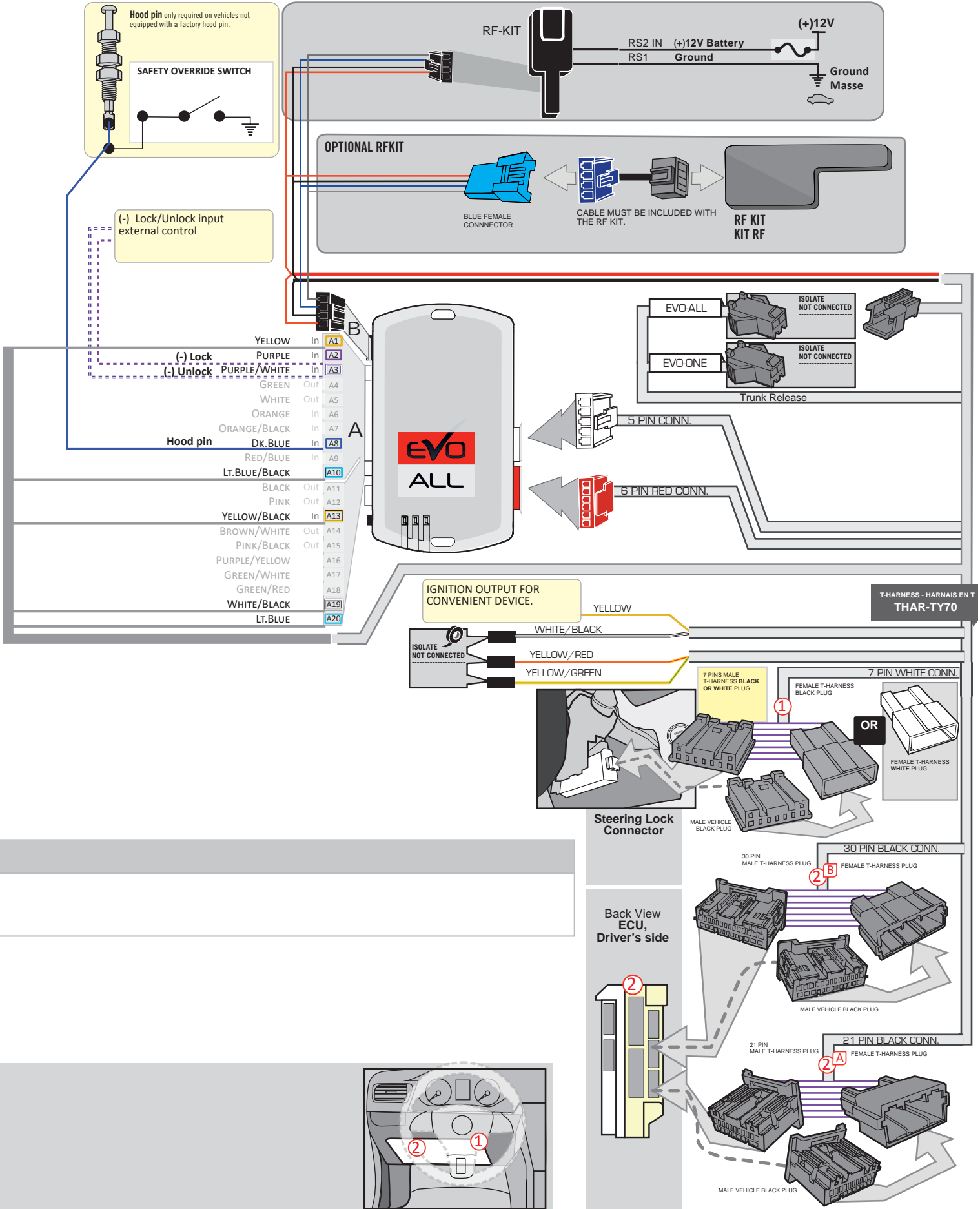
**REMOTE STARTER**

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



THAR-TOY13 | WIRING CONNECTION AUTOMATIC TRANSMISSION





**DCRYPTOR PROGRAMMING PROCEDURE**



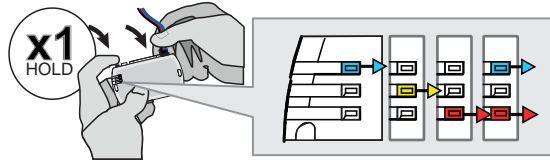
- Parts required (not included)**
- 1x **FLASH LINK UPDATER,**
  - 1x **FLASH LINK MANAGER**  
SOFTWARE | PROGRAMME
  - 1x Microsoft Windows Computer with Internet connection

OR

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

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

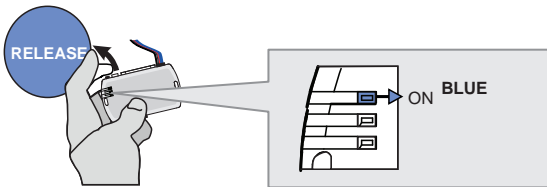
1



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

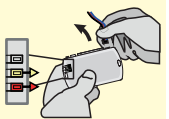
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

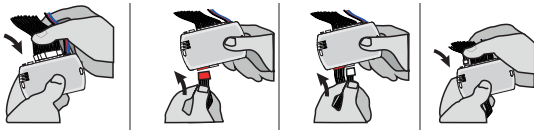


**Release** the programming button when the LED is BLUE.

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

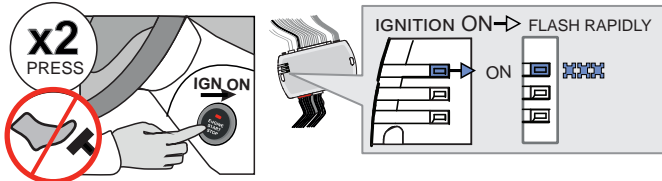


3



**Insert** the required remaining connectors.

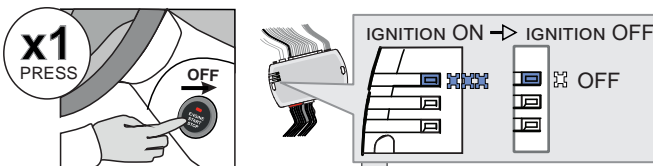
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

OR

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:

**GO STEP 6** at Dcryptor process.

**CONTINUED NEXT PAGE**

→ OFF

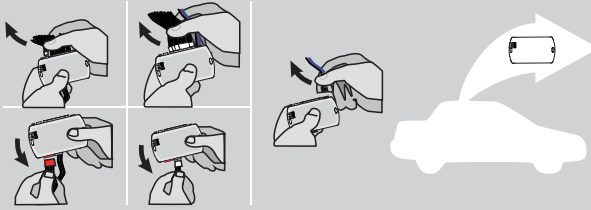
↳ If the LEDS turn OFF:

The module is now programmed.



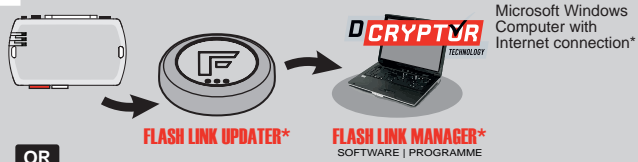
**KEY BYPASS PROGRAMMING PROCEDURE 2/2**

6



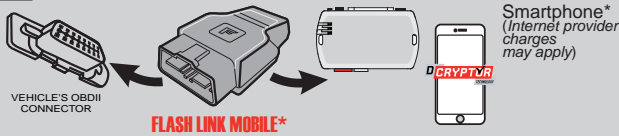
**Disconnect** all the connectors and after the Data-Link (4-pins) connector.

7



Microsoft Windows  
Computer with  
Internet connection\*

OR

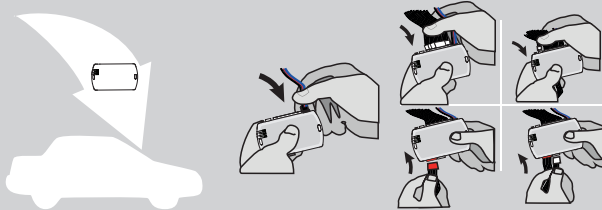


Smartphone\*  
(Internet provider  
charges may apply)

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

\*Parts required (not included)

8



**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


<p><b>START</b></p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p><b>UNLOCK</b></p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• Or the proximity remote</li> </ul>	<p><b>OFF</b></p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
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OPTIONAL RF-KIT PROGRAMMING


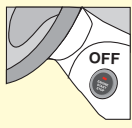
PROGRAM BYPASS OPTION

	<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




The module must be programmed on the vehicle.

**MAKE SURE THE IGNITION KEY HAS BEEN IN THE OFF POSITION FOR AT LEAST 5 SECONDS.**

1


ON **x2** PRESS



Do not press the brake pedal. **Press twice** the to turn on the ignition.

2


OFF **x1** PRESS



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

3

ON **x2** PRESS




Do not press the brake pedal. **Press twice** the to turn on the ignition.

4

4X BRAKES

**x4** PRESS



**Press and release** the brake pedal four times.

The LED will turn off each time.

5

ON EACH TRANSMITTER

**4 BUTTONS**

**[-]** PRESS AND RELEASE


**→** PRESS AND RELEASE

**1 BUTTON**

PRESS APPROX. 12 SEC. AND WAIT FOR THE BLUE LED TO TURN OFF THEN BACK ON SOLID THEN RELEASE.

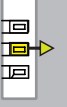
6

OFF **x1** PRESS




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

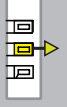
The YELLOW LED will turn ON solid.



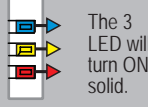
The YELLOW LED will turn Off.




The YELLOW LED will turn ON solid.




The 3 LED will turn ON solid.




The LED will flash rapidly.



The 3 LED will turn off.





# THAR-TOY13 THARNNESS STANDALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



**ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.**

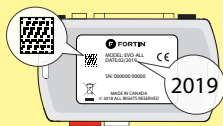


VEHICLE

YEARS

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

VEHICLE	YEARS	Immobilizer bypass	Lock	Unlock	Arm	Disarm	Parking Lights	Trunk Release	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring**
TOYOTA															
Corolla	Hybrid Push-to-Start - AT 2020-2022	•	•	•	•	•	•	•	•	•	•	•	•	•	•



**COMPATIBLE MODULE REQUIRED:**

**QR CODE ON THE LABEL**  
MANUFACTURED AFTER: 2019

FIRMWARE VERSION

**79.[66]**  
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

**Program bypass option (Vehicle hybrid only):**

**D4**

Hybrid mode (Vehicle hybrid only)

**D6**

Push-to-Start

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

**A11**

**OFF**

Hood trigger (Output Status).

**NOTES**



The vehicles OEM remote and SmartKey are still operable during remote start.

**NO KEY TAKEOVER**

**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

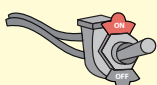
1x **FLASH LINK MOBILE**  
 1x **FLASH LINK MOBILE APP**  
 Smartphone Android or iOS with Internet connection (provider charges may apply).

**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>
	<b>Program bypass option Vehicle hybrid only:</b>	<b>D4</b>	Hybrid mode (Vehicle hybrid only)


**REMOTE STARTER FUNCTIONALITY**




All doors must be closed.

**3X** 

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




**START** 

The vehicle will START.

**REMOTE STARTER DIAGNOSTICS**  
MODULE RED LED


<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**

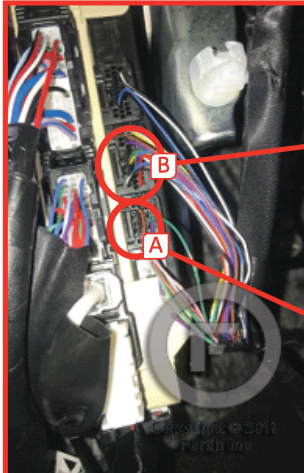


REMOTE STARTER

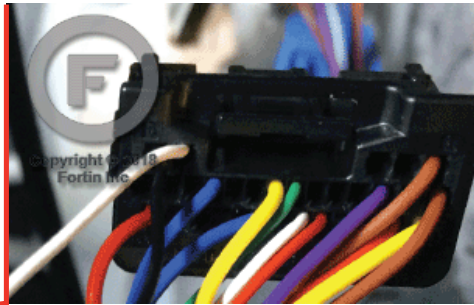
THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION

② ECU, Driver's side



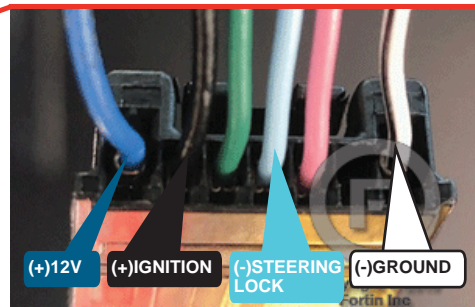
②B



②A

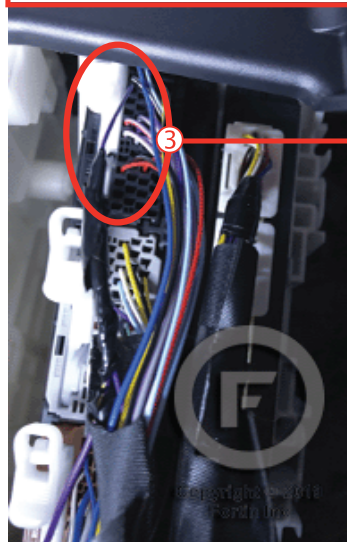


① Steering Lock Connector



③

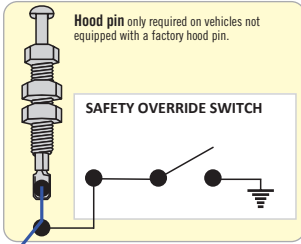
Hybrid ECU, behind glove box



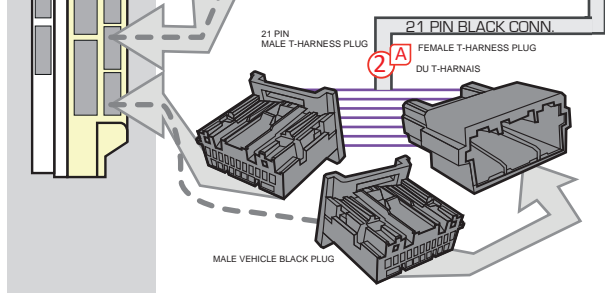
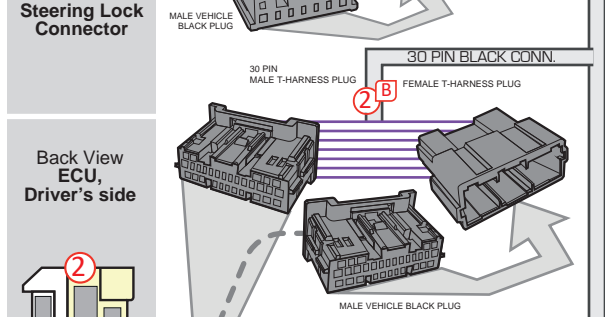
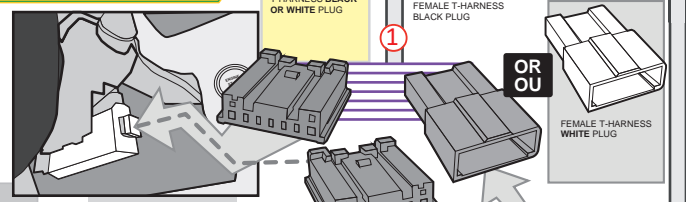
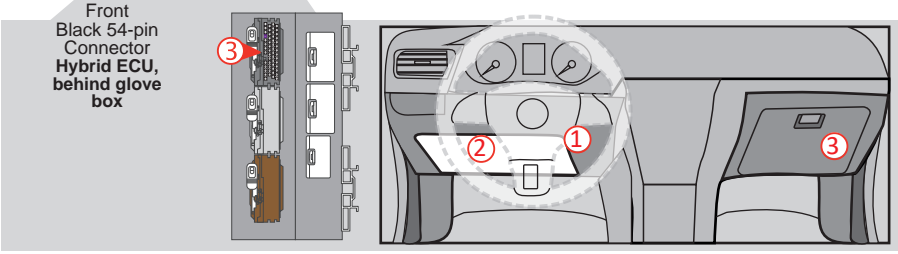
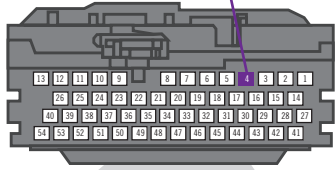
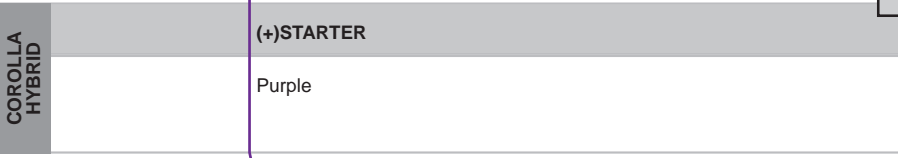
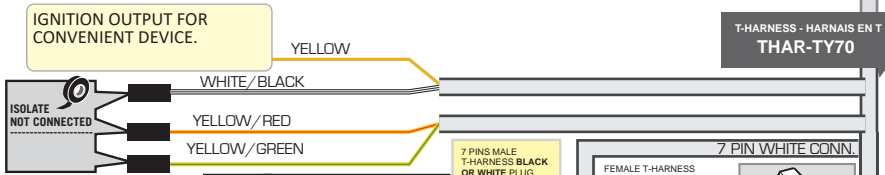
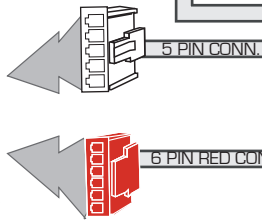
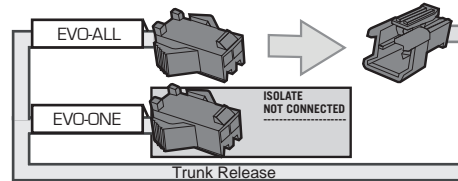
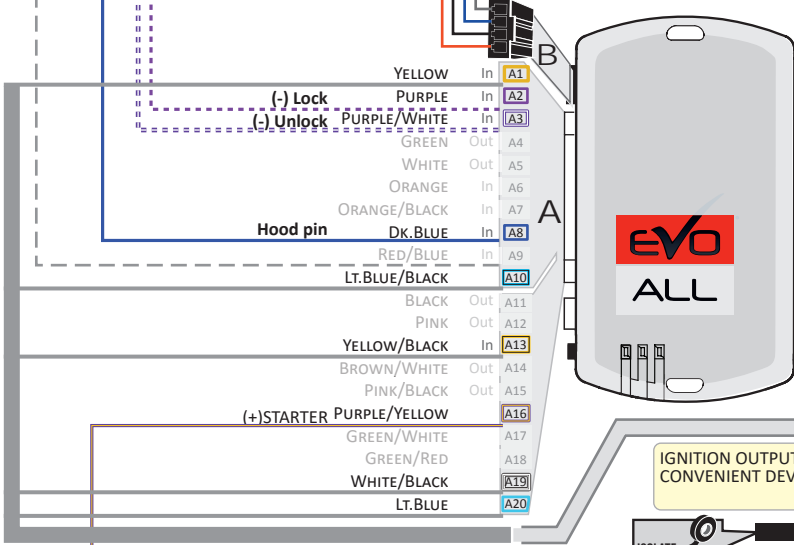
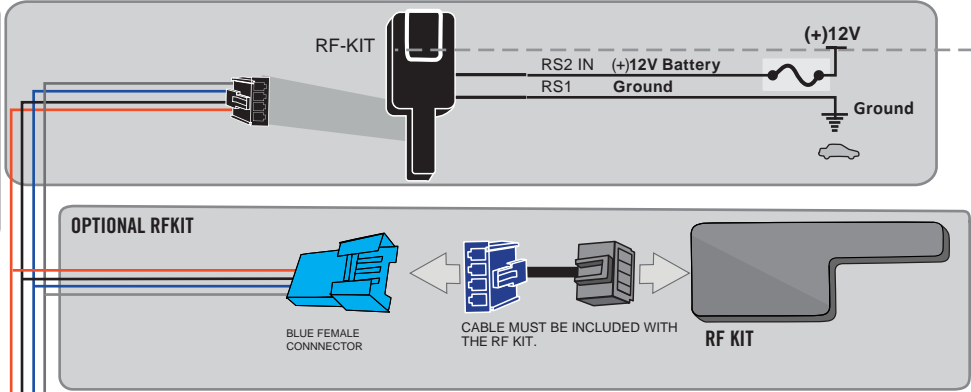
Steering Lock Connector



THAR-TOY13 | WIRING CONNECTION AUTOMATIC TRANSMISSION



(-) Lock/Unlock input external control





**DCRYPTOR PROGRAMMING PROCEDURE**



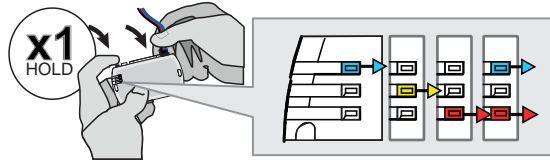
- Parts required (not included)**
- 1x **FLASH LINK UPDATER,**
  - 1x **FLASH LINK MANAGER**  
SOFTWARE | PROGRAMME
  - 1x Microsoft Windows Computer with Internet connection

OR

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

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

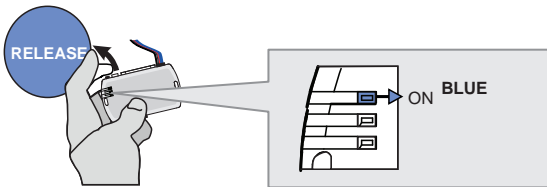
1



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

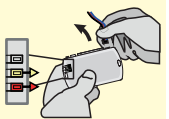
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

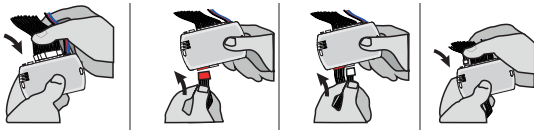


**Release** the programming button when the LED is BLUE.

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

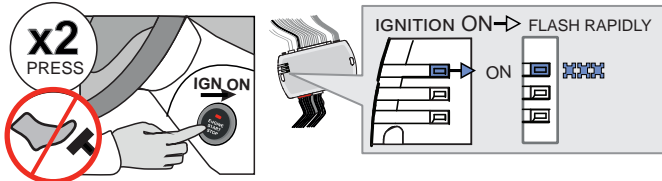


3



**Insert** the required remaining connectors.

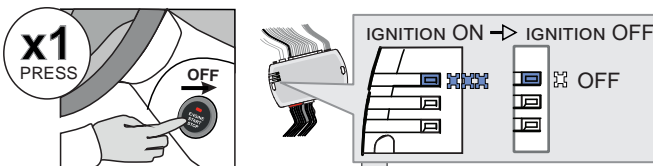
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:

**GO STEP 6** at Dcryptor process.

CONTINUED NEXT PAGE

→ OFF

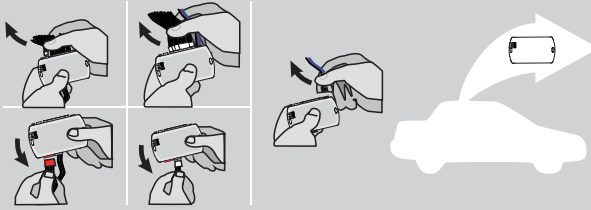
↳ If the LEDS turn OFF:

The module is now programmed.



KEY BYPASS PROGRAMMING PROCEDURE 2/2

6



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

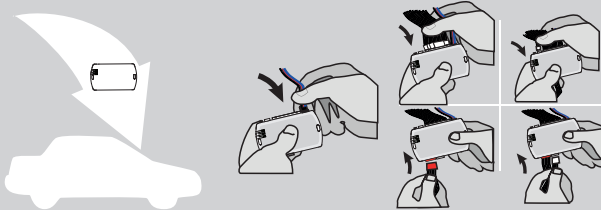
7



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

\*Parts required (not included)

8



**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**


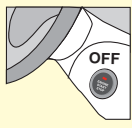







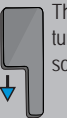





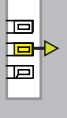
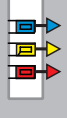


Test the remote starter. Remote start the vehicle.

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"/> H2 Fortin 2</p>
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OPTIONAL FORTIN RF KIT SERIES 4 OR SERIES 9 PROGRAMMING

<p>The module must be programmed on the vehicle.</p>   <p><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>x2</b> PRESS</p>  <p>Press the Push-to-Start button twice to turn on the ignition.</p>	<p>2</p> <p>OFF <b>x1</b> PRESS</p>  <p>Press the Push-to-Start button once to turn off the ignition.</p>	<p>3</p> <p>ON <b>x2</b> PRESS</p>  <p>Press the Push-to-Start button twice to turn on the ignition.</p>	<p>4</p> <p>4X BRAKES</p> <p><b>x4</b> PRESS</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</p> <p><b>4 BUTTONS</b></p> <p><b>(-) PRESS AND RELEASE</b></p> <p><b>→ PRESS AND RELEASE</b></p> <p><b>LOCK 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>x1</b> PRESS</p>  <p>Press the Push-to-Start button once to turn off the ignition.</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 3 LED will turn off each time.</p> 	<p>The 3 LED will turn off.</p> 



REMOTE STARTER FUNCTIONALITY


<p><b>START</b></p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p><b>UNLOCK</b></p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• Or the proximity remote</li> </ul>	<p><b>OFF</b></p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
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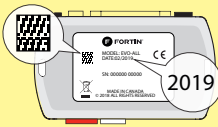
# THAR-TOY13 THARNNESS STANDALONE INSTALLATION


ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

VEHICLE	YEARS	Vehicle functions supported in this diagram (functional if equipped)													
		Immobilizer bypass	Lock	Unlock	Arm	Disarm	Trunk (open)	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status**	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring*
															
<b>TOYOTA</b>															
Highlander	Push-to-Start 2020-2021	•	•	•	•	•	•	•	•	•	•	•	•	•	•

	<b>COMPATIBLE MODULE REQUIRED:</b>	<b>QR CODE ON THE LABEL</b> MANUFACTURED AFTER: 2019	<b>FIRMWARE VERSION</b> <b>79.[66]</b> MINIMUM	To add the firmware version and the options, use the <b>FLASH LINK UPDATER</b> or <b>FLASH LINK MOBILE</b> tool, sold separately.
---	------------------------------------	---	--	---

	Program bypass option:	UNIT OPTION	DESCRIPTION
		<b>C1</b>	OEM Remote status (Lock/Unlock) monitoring
		<b>D6</b>	Push-to-Start
<b>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</b>		<b>A11</b>	<b>OFF</b> Hood trigger (Output Status).

## NOTES



The vehicles OEM remote and SmartKey are still operable during remote start.

### NO KEY TAKEOVER

## 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>  avec télécommande d'origine :	<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**

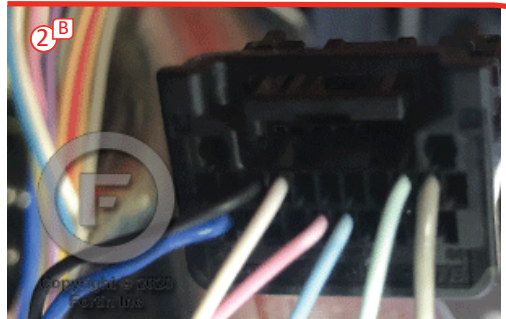
**CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:**  
 or use the package RSPB, Sold separately.

**WARNING | ATTENTION**

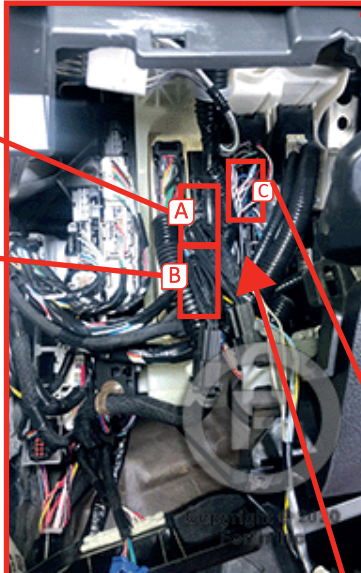
**REMOTE STARTER**

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

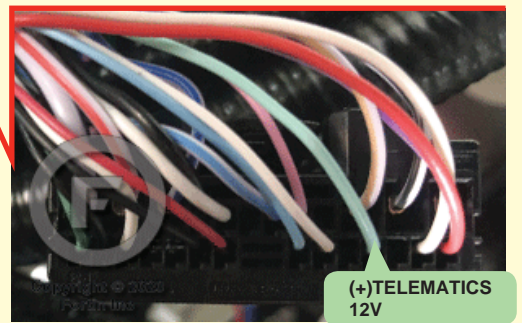


2 Main body ECU left side of the dash



A OFF

2C With stop and start system (Look for button in center console)



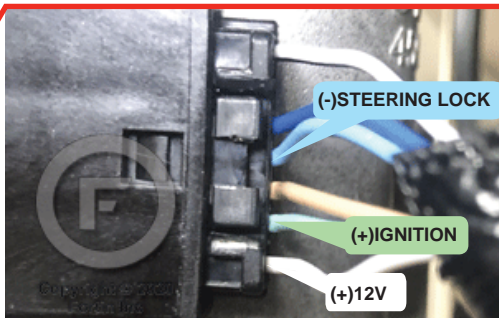
OR

Without stop and start system

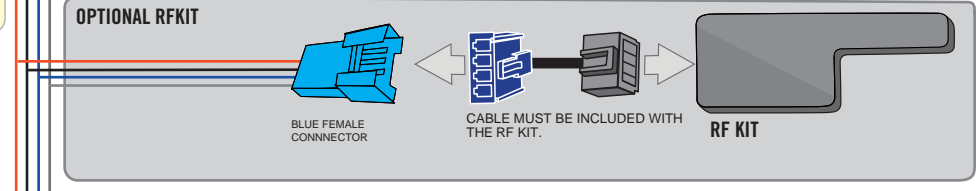
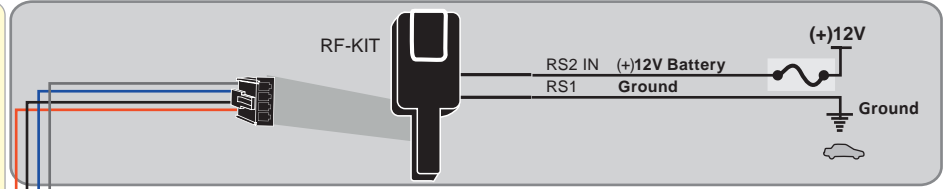
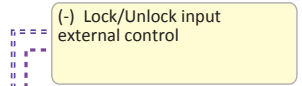
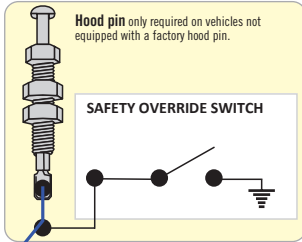
At the back of the Main body ECU - below dash fuse box



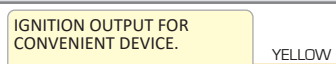
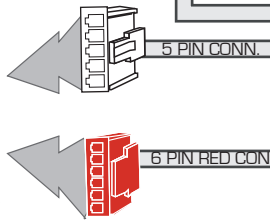
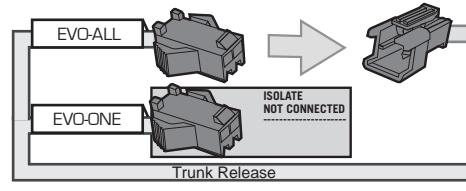
1 Steering Lock Connector



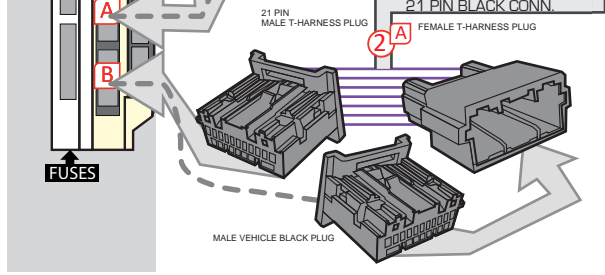
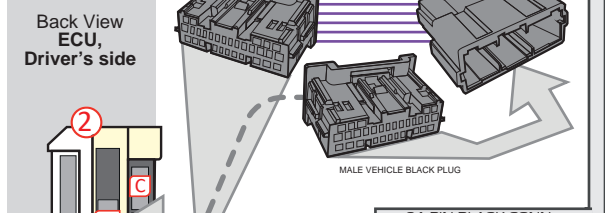
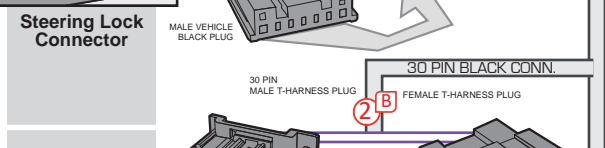
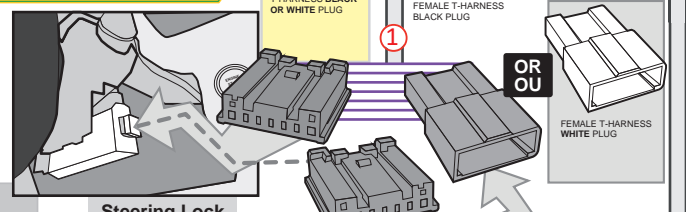
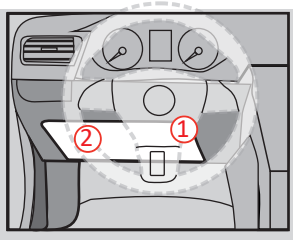
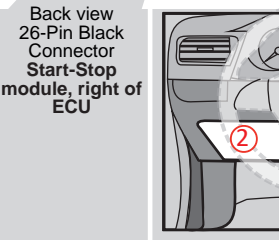
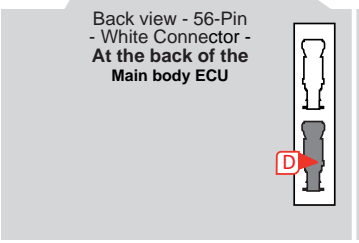
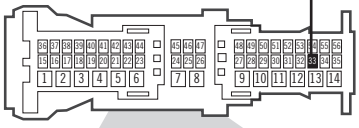
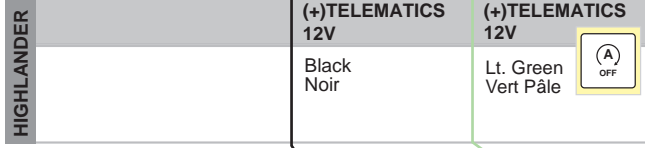
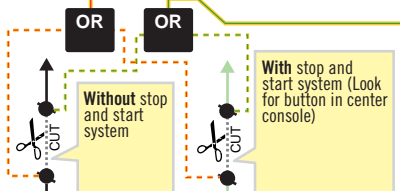
THAR-TOY13 | WIRING CONNECTION AUTOMATIC TRANSMISSION



YELLOW	In	A1
PURPLE	In	A2
PURPLE/WHITE	In	A3
GREEN	Out	A4
WHITE	Out	A5
ORANGE	In	A6
ORANGE/BLACK	In	A7
DK.BLUE	In	A8
Red/BLUE	In	A9
Lt.BLUE/BLACK	In	A10
BLACK	Out	A11
PINK	Out	A12
YELLOW/BLACK	In	A13
BROWN/WHITE	Out	A14
PINK/BLACK	Out	A15
PURPLE/YELLOW	Out	A16
GREEN/WHITE	Out	A17
GREEN/RED	Out	A18
WHITE/BLACK	Out	A19
Lt.BLUE	Out	A20



T-HARNESS - HARNAIS EN T THAR-TY70





**DCRYPTOR PROGRAMMING PROCEDURE**



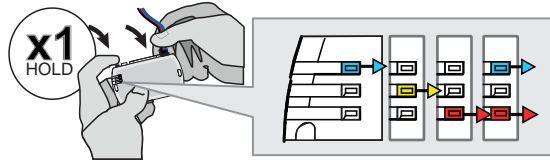
- Parts required (not included)**
- 1x **FLASH LINK UPDATER,**
  - 1x **FLASH LINK MANAGER**  
SOFTWARE | PROGRAMME
  - 1x Microsoft Windows Computer with Internet connection

OR

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

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

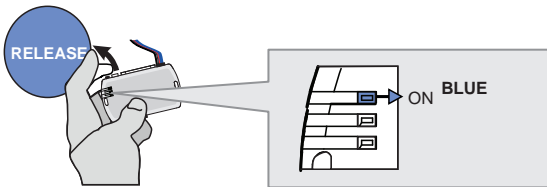
1



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

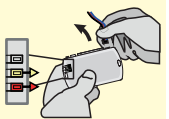
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

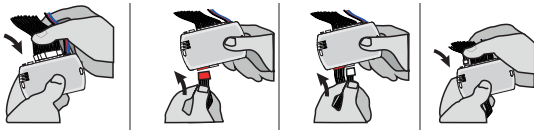


**Release** the programming button when the LED is BLUE.

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

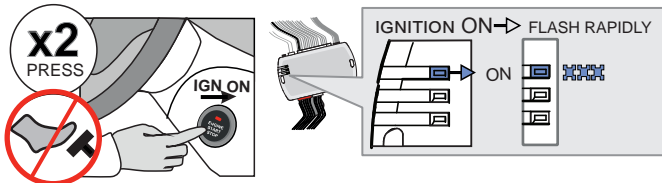


3



**Insert** the required remaining connectors.

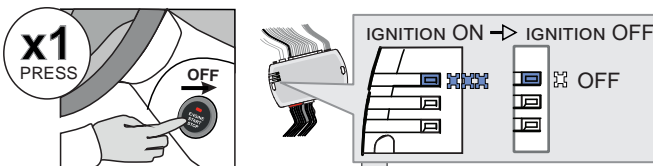
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:

**GO STEP 6** at Dcryptor process.

CONTINUED NEXT PAGE

→ OFF

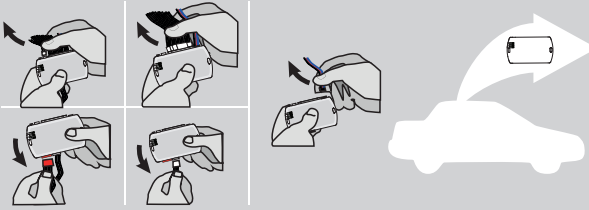
↳ If the LEDS turn OFF:

The module is now programmed.



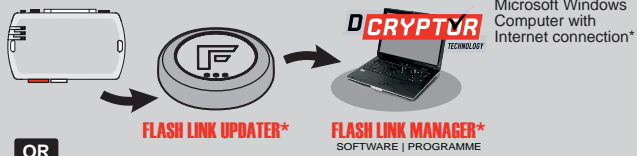
KEY BYPASS PROGRAMMING PROCEDURE 2/2

6



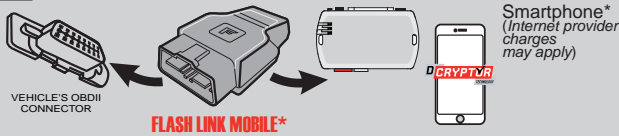
**Disconnect** all the connectors and after the Data-Link (4-pins) connector.

7



Microsoft Windows  
Computer with  
Internet connection\*

OR

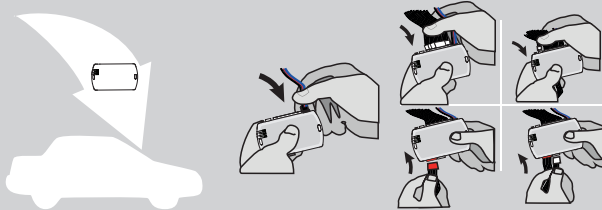


Smartphone\*  
(Internet provider  
charges may apply)

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

\*Parts required (not included)

8



**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**


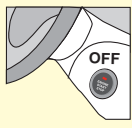













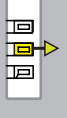



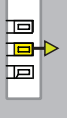




Test the remote starter. Remote start the vehicle.

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"/> H2 Fortin 2</p>
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OPTIONAL FORTIN RF KIT SERIES 4 OR SERIES 9 PROGRAMMING

<p>The module must be programmed on the vehicle.</p>   <p><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>x2</b> PRESS</p>  <p>Press the Push-to-Start button twice to turn on the ignition.</p>	<p>2</p> <p>OFF <b>x1</b> PRESS</p>  <p>Press the Push-to-Start button once to turn off the ignition.</p>	<p>3</p> <p>ON <b>x2</b> PRESS</p>  <p>Press the Push-to-Start button twice to turn on the ignition.</p>	<p>4</p> <p>4X BRAKES</p> <p><b>x4</b> PRESS</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</p> <p><b>4 BUTTONS</b></p> <p> PRESS AND RELEASE</p> <p> PRESS AND RELEASE</p> <p></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>x1</b> PRESS</p>  <p>Press the Push-to-Start button once to turn off the ignition.</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 3 LED will turn ON solid.</p> 	<p>The LED will flash rapidly.</p> 	<p>The 3 LED will turn off.</p> 
				<p>The 3 LED will turn off each time.</p> 		



REMOTE STARTER FUNCTIONALITY

<p style="text-align: center;">START</p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p style="text-align: center;">UNLOCK</p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p style="text-align: center;">OFF</p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
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# THAR-TOY13 THARNNESS STANDALONE INSTALLATION

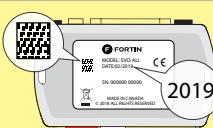
ADDENDUM - SUGGESTED WIRING CONFIGURATION




**ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.**


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

VEHICLE	YEARS	Immobilizer bypass	Lock	Unlock	Arm	Disarm	Trunk (open)	Parking Lights	Tachometer	Door Status	Trunk Status	Hood Status**	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring*
															
<b>TOYOTA</b>															
Highlander	Hybrid - Push-to-Start 2020-2021	•	•	•	•	•	•	•	•	•	•	•	•	•	•

	<b>COMPATIBLE MODULE REQUIRED:</b>	<b>QR CODE ON THE LABEL</b> MANUFACTURED AFTER: 2019	<b>FIRMWARE VERSION</b> <b>79.[66]</b> MINIMUM	To add the firmware version and the options, use the <b>FLASH LINK UPDATER</b> or <b>FLASH LINK MOBILE</b> tool, sold separately.
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	Program bypass option:	UNIT OPTION	DESCRIPTION
		<b>C1</b>	OEM Remote status (Lock/Unlock) monitoring
		<b>D6</b>	Push-to-Start
	<b>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</b>	<b>A11</b>	<b>OFF</b> Hood trigger (Output Status).
	<b>Program bypass option (Vehicle hybrid only):</b>	<b>D4</b>	Hybrid mode (Vehicle hybrid only)

**NOTES**

\*  The vehicles OEM remote and SmartKey are still operable during remote start.

**NO KEY TAKEOVER**

**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

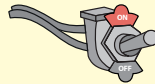
1x **FLASH LINK MOBILE**  
1x **FLASH LINK MOBILE APP**  
Smartphone Android or iOS with Internet connection (provider charges may apply).

**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 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**

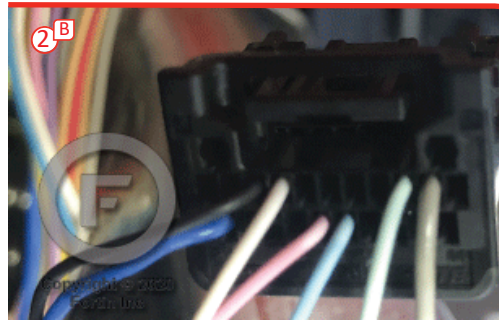
**CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:**  
or use the package RSPB, Sold separately.

**WARNING | ATTENTION**

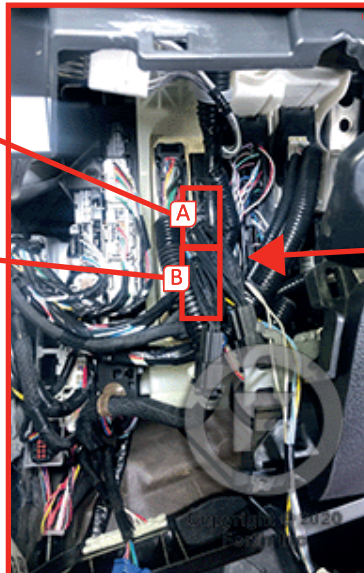
REMOTE STARTER

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



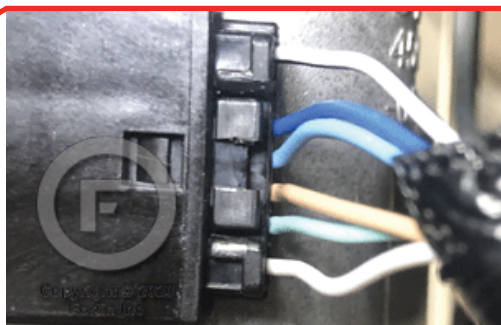
② Main body ECU left side of the dash



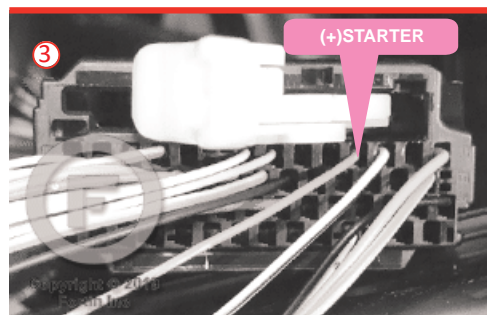
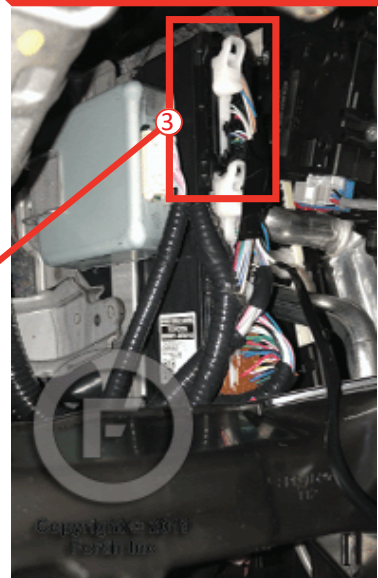
At the back of the Main body ECU - below dash fuse box



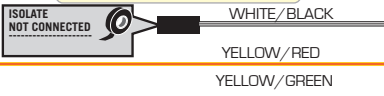
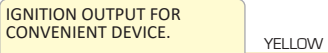
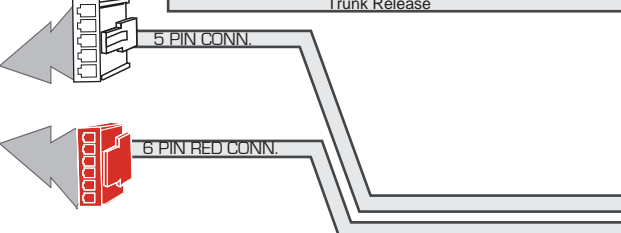
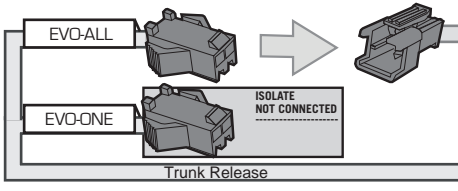
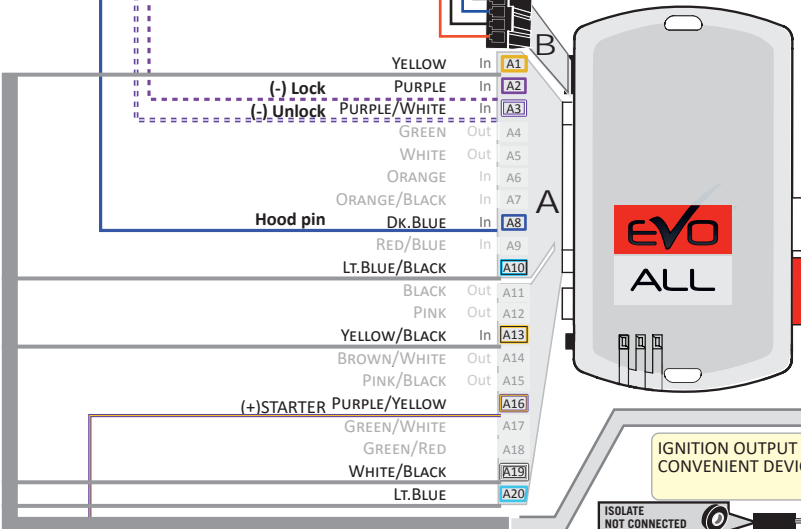
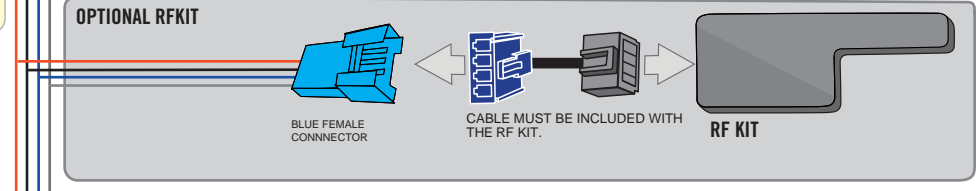
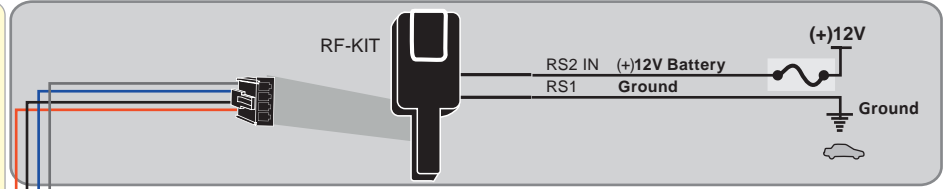
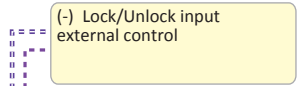
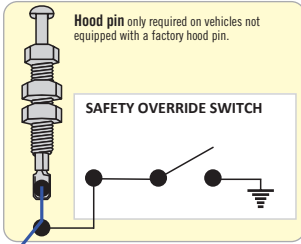
① Steering Lock Connector



③ Hybrid ECU, beside fuse box in dash bord.

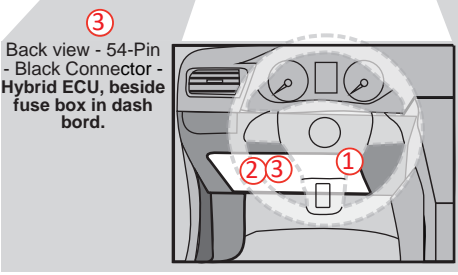
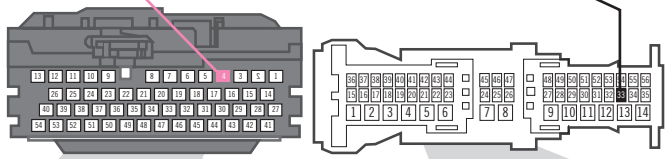
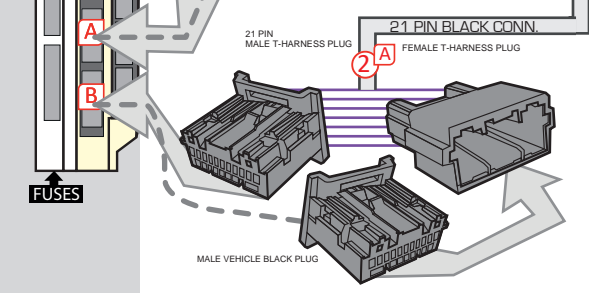
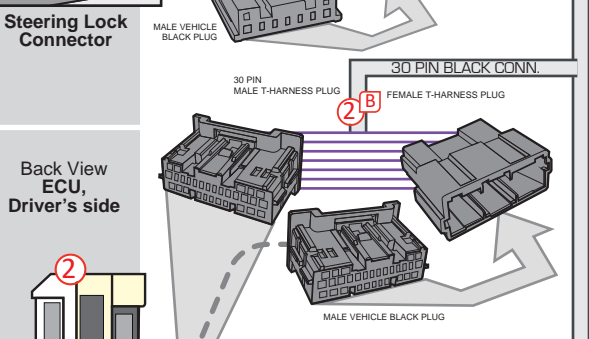
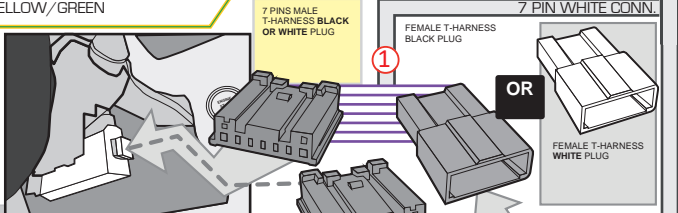


THAR-TOY13 | WIRING CONNECTION AUTOMATIC TRANSMISSION



T-HARNESS - HARNAIS EN T THAR-TY70

HIGHLANDER HYBRID





**DCRYPTOR PROGRAMMING PROCEDURE**



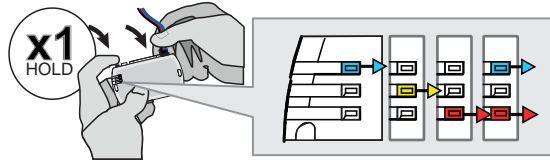
- Parts required (not included)**
- 1x **FLASH LINK UPDATER,**
  - 1x **FLASH LINK MANAGER**  
SOFTWARE | PROGRAMME
  - 1x Microsoft Windows Computer with Internet connection

OR

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

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

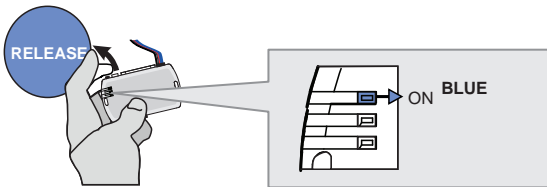
1



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

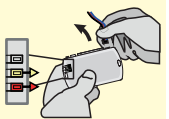
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

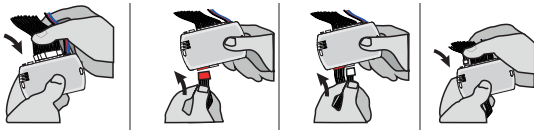


**Release** the programming button when the LED is BLUE.

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

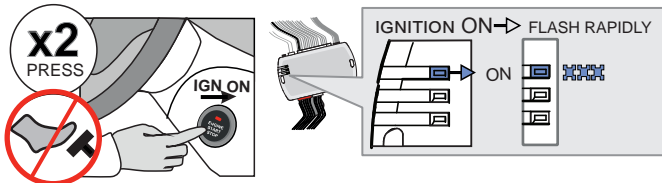


3



**Insert** the required remaining connectors.

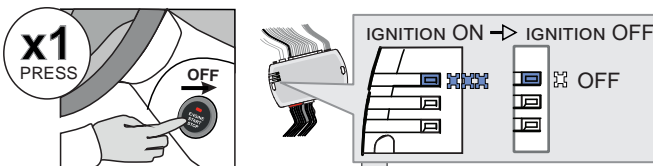
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:  
**GO STEP 6** at Dcryptor process.

CONTINUED NEXT PAGE

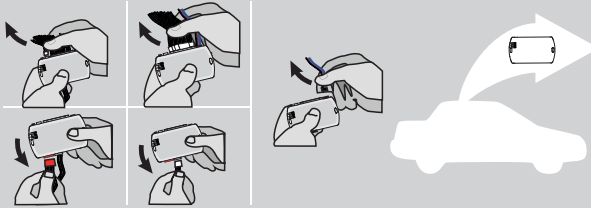
→ OFF

↳ If the LEDS turn OFF:  
The module is now programmed.



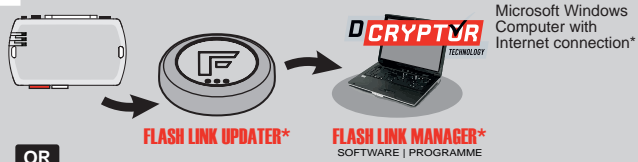
**KEY BYPASS PROGRAMMING PROCEDURE 2/2**

6



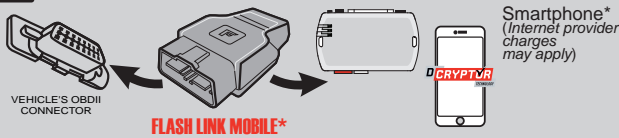
**Disconnect** all the connectors and after the Data-Link (4-pins) connector.

7



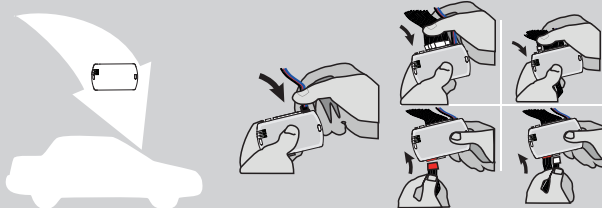
**Use the tool:**  
**FLASH LINK UPDATER** or  
**FLASH LINK MOBILE**  
to visit the DCryptor menu.

**OR**



\*Parts required (not included)

8



**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



Program bypass option:

H2

Supported RF-KITS enable








H2 Fortin 2

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>x2</b> PRESS</p> <p>Do not press the brake pedal. <b>Press twice</b> the to turn on the ignition.</p>	<p>2</p> <p>OFF <b>x1</b> PRESS</p> <p><b>Press the Push-to-Start</b> button once to turn off the ignition.</p>	<p>3</p> <p>ON <b>x2</b> PRESS</p> <p>Do not press the brake pedal. <b>Press twice</b> the to turn on the ignition.</p>	<p>4</p> <p>4X BRAKES</p> <p><b>x4</b> PRESS</p> <p><b>Press and release</b> the brake pedal four times. <b>Appuyez et relâchez</b> quatre fois la pédale de frein.</p>	<p>5</p> <p>ON EACH TRANSMITTER</p> <p><b>4 BUTTONS</b></p> <p> PRESS AND RELEASE</p> <p> PRESS AND RELEASE</p> <p> PRESS AND RELEASE</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>x1</b> PRESS</p> <p><b>Press the Push-to-Start</b> button once to turn off the ignition.</p>	
	<p>The YELLOW LED will turn ON solid.</p>	<p>The YELLOW LED will turn Off.</p>	<p>The YELLOW LED will turn ON solid.</p>	<p>The 3 LED will turn ON solid.</p>	<p>The LED will flash rapidly.</p>	<p>The LED will flash rapidly.</p>	<p>The 3 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 ON solide.</p>	<p>The LED will turn off each time.</p>	<p>The LED will turn off each time.</p>	<p>The LED will turn off each time.</p>	<p>The 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 ON solid.</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>	<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.</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>	<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.</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>	<p>The 3 LED will turn off.</p>



REMOTE STARTER FUNCTIONALITY

<p><b>START</b></p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p><b>UNLOCK</b></p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p><b>OFF</b></p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
--	---	--	--	--	--	---

**THAR-TOY13 THARNNESS STANDALONE INSTALLATION**

ADDENDUM - SUGGESTED WIRING CONFIGURATION



**ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.**



VEHICLE

YEARS

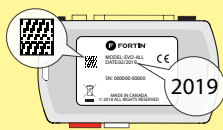
Vehicle functions supported in this diagram (functional if equipped)

Immobilizer bypass	Lock	Unlock	Arm	Disarm	Parking Lights	Tachometer	Autolight	Trunk Release	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring**
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

**TOYOTA**

RAV4

Push-to-Start 2019



**COMPATIBLE MODULE REQUIRED:**

**QR CODE ON THE LABEL**  
MANUFACTURED AFTER: 2019

FIRMWARE VERSION

**79.[66]**  
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>C1</b>	OEM Remote status (Lock/Unlock) monitoring
<b>D6</b>	Push-to-Start
<b>A11</b>	Hood trigger (Output Status).
<b>A12</b>	Unlock before trunk release

**Program bypass option:**

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

**OFF**

**NOTES**



The vehicles OEM remote and SmartKey are still operable during remote start.

**NO KEY TAKEOVER**

**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

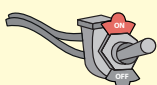
1x **FLASH LINK MOBILE**  
 1x **FLASH LINK MOBILE APP**  
 Smartphone Android or iOS with Internet connection (provider charges may apply).

**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 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**

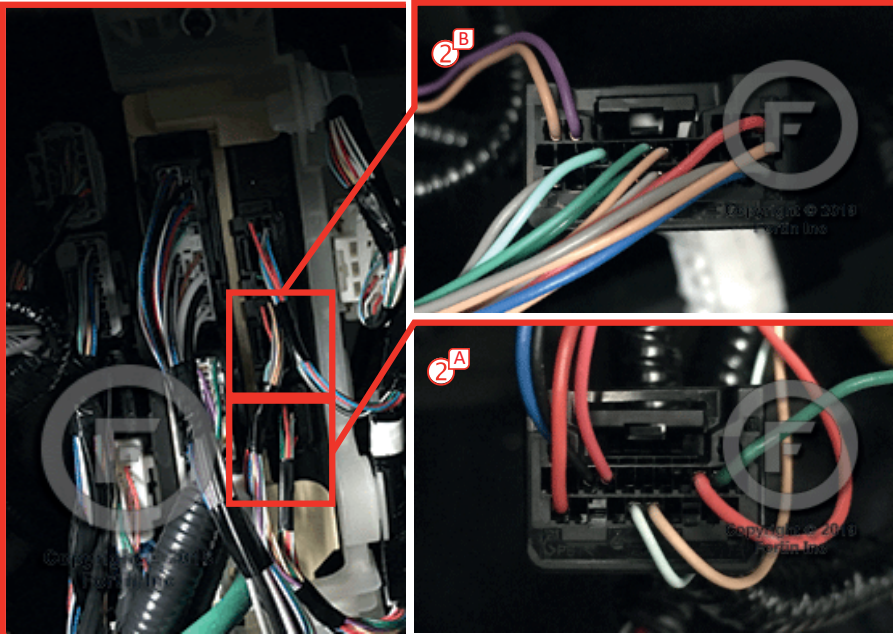


REMOTE STARTER

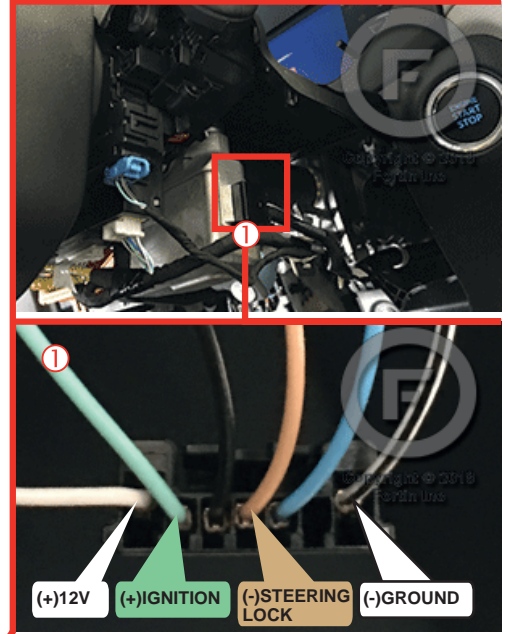
THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION

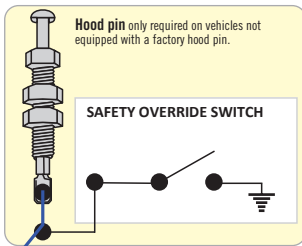
② ECU, Driver's side



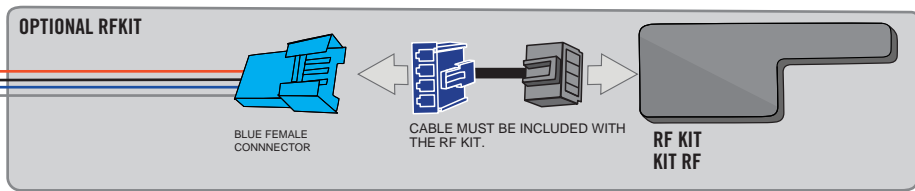
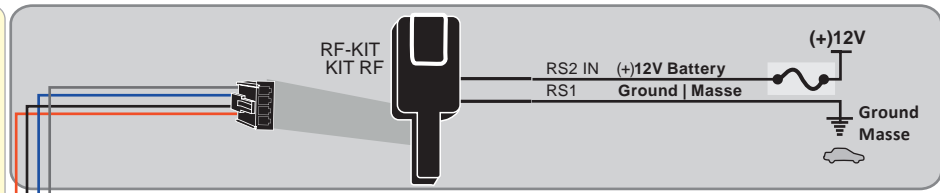
① At Steering Column



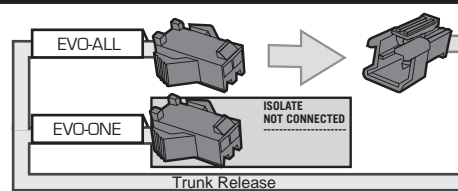
THAR-TOY13 | WIRING CONNECTION AUTOMATIC TRANSMISSION



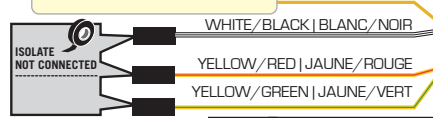
(-) Lock/Unlock input external control



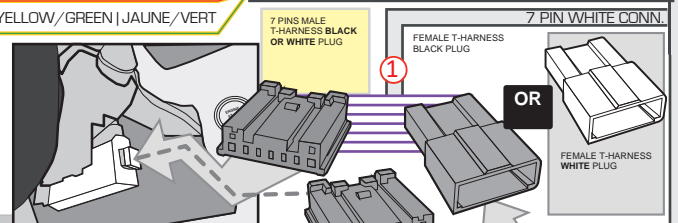
YELLOW	In	A1
PURPLE	In	A2
PURPLE/WHITE	In	A3
GREEN	Out	A4
WHITE	Out	A5
ORANGE	In	A6
ORANGE/BLACK	In	A7
Dk.BLUE	In	A8
Red/BLUE	In	A9
Lt.BLUE/BLACK	In	A10
BLACK	Out	A11
PINK	Out	A12
YELLOW/BLACK	In	A13
BROWN/WHITE	Out	A14
PINK/BLACK	Out	A15
PURPLE/YELLOW	Out	A16
GREEN/WHITE	Out	A17
GREEN/RED	Out	A18
WHITE/BLACK	Out	A19
Lt.BLUE	Out	A20



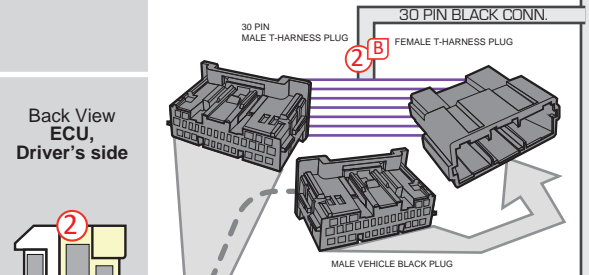
IGNITION OUTPUT FOR CONVENIENT DEVICE.



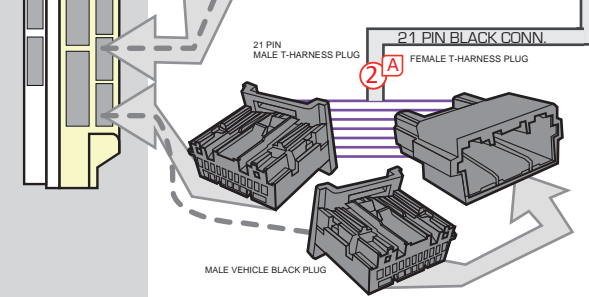
T-HARNES - HARNAIS EN T THAR-TY70



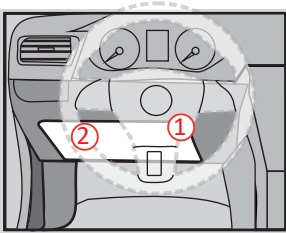
Steering Lock Connector



Back View ECU, Driver's side



RAV4





**DCRYPTOR PROGRAMMING PROCEDURE**



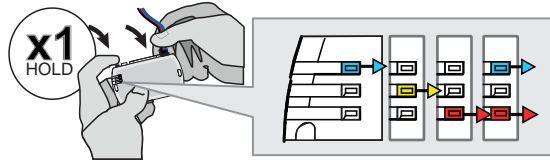
- Parts required (not included)**
- 1x **FLASH LINK UPDATER, FLASH LINK MANAGER**  
SOFTWARE | PROGRAMME
  - 1x Microsoft Windows Computer with Internet connection

OR

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

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

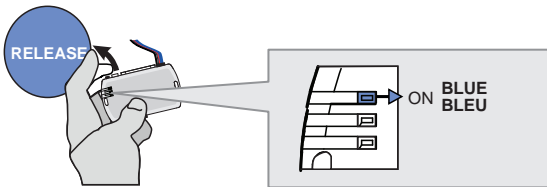
1



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

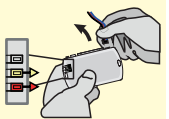
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

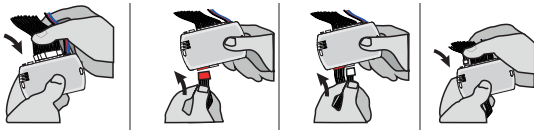


**Release** the programming button when the LED is BLUE.

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

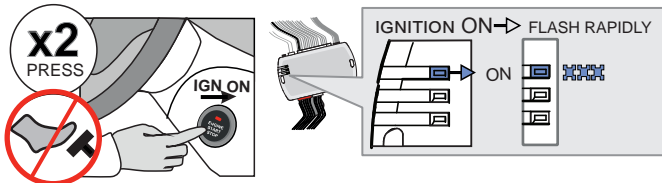


3



**Insert** the required remaining connectors.

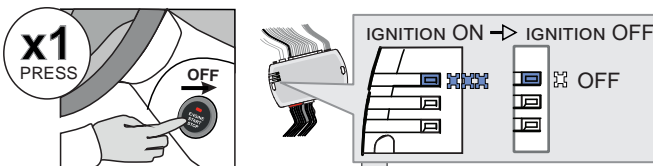
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

OR

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:

**GO STEP 6** at Dcryptor process.

**CONTINUED NEXT PAGE**

→ OFF

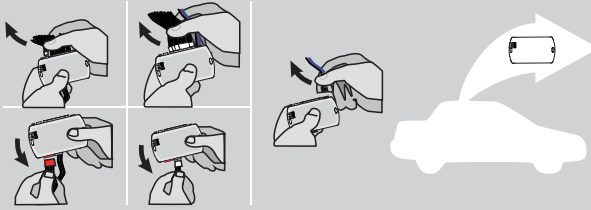
↳ If the LEDS turn OFF:

The module is now programmed.



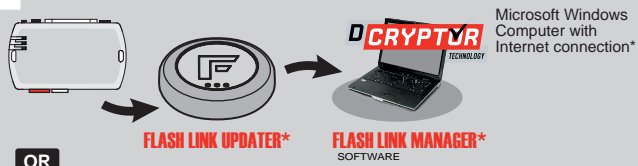
KEY BYPASS PROGRAMMING PROCEDURE 2/2

6



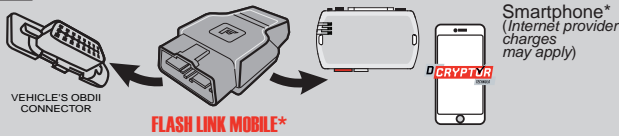
Disconnect all the connectors and after the Data-Link (4-pins) connector.

7



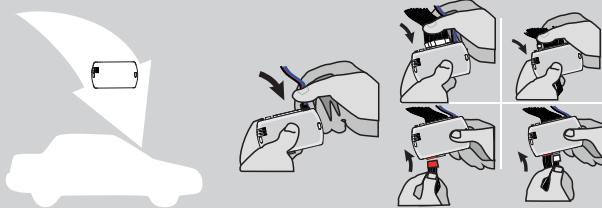
Use the tool: FLASH LINK UPDATER or FLASH LINK MOBILE to visit the DCryptor menu.

OR



\*Parts required (not included)

8



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


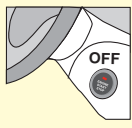


















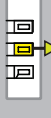
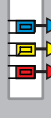

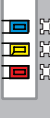
Test the remote starter. Remote start the vehicle.

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>x2</b> PRESS</p>  <p>Press the Push-to-Start button twice to turn on the ignition.</p>	<p>2</p> <p>OFF <b>x1</b> PRESS</p>  <p>Press the Push-to-Start button once to turn off the ignition.</p>	<p>3</p> <p>ON <b>x2</b> PRESS</p>  <p>Press the Push-to-Start button twice to turn on the ignition.</p>	<p>4</p> <p>4X BRAKES</p> <p><b>x4</b> PRESS</p>  <p>Press and release the brake pedal four times.</p> <p>Appuyez et relâchez quatre fois la pédale de frein.</p> <p>The LED will turn off each time.</p> 	<p>5</p> <p>ON EACH TRANSMITTER</p> <p><b>4 BUTTONS</b></p> <p> PRESS AND RELEASE</p> <p> PRESS AND RELEASE</p> <p> PRESS AND RELEASE</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>x1</b> PRESS</p>  <p>Press the Push-to-Start button once to turn off the ignition.</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. Le témoin s'éteint</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. Le témoin clignotera rapidement.</p> 	<p>The LED will flash rapidly.</p> 	<p>The LED will flash rapidly. Le témoin clignotera rapidement.</p> 



REMOTE STARTER FUNCTIONALITY

<p style="text-align: center;">START</p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p style="text-align: center;">UNLOCK</p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p style="text-align: center;">OFF</p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
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THAR-TOY13 THARNES STANDALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

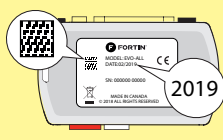


ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.



Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Immobilizer bypass	Lock	Unlock	Arm	Disarm	Parking Lights	Tachometer	Autolight	Trunk Release	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring**
TOYOTA																
RAV4	Push-to-Start 2020	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



COMPATIBLE MODULE REQUIRED:

QR CODE ON THE LABEL  
MANUFACTURED AFTER: 2019

FIRMWARE VERSION

79.[66]  
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

D6

Push-to-Start

A12

Unlock before trunk release

NOTES



The vehicles OEM remote and SmartKey are still operable during remote start.

NO KEY TAKEOVER

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

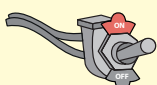
1x **FLASH LINK MOBILE**  
 1x **FLASH LINK MOBILE APP**  
 Smartphone Android or iOS with Internet connection (provider charges may apply).

**MANDATORY | 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>


**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**

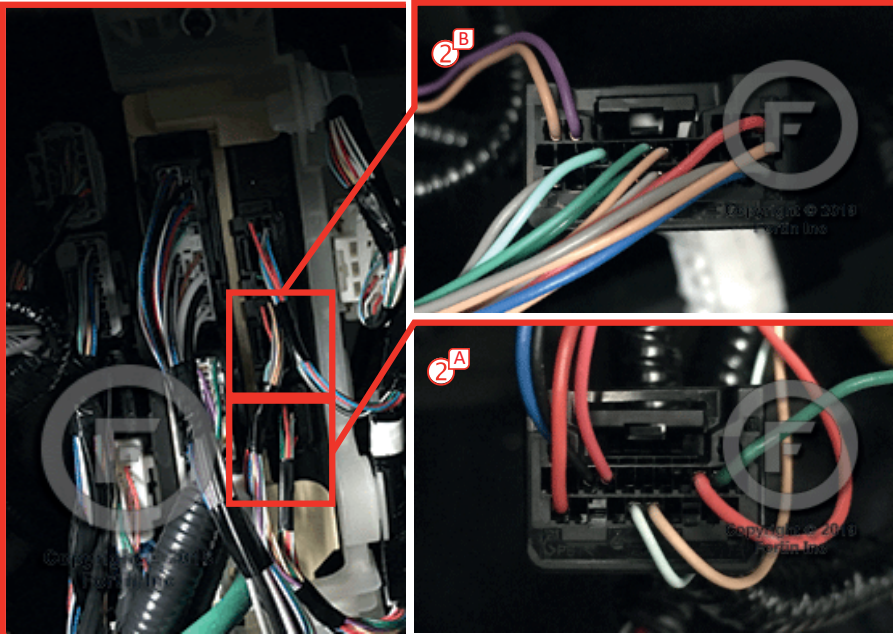


REMOTE STARTER

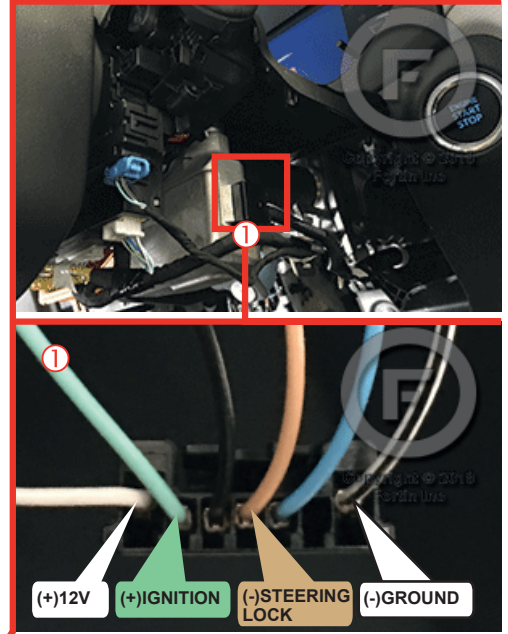
THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION

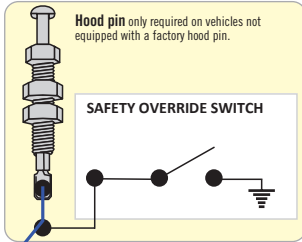
② ECU, Driver's side



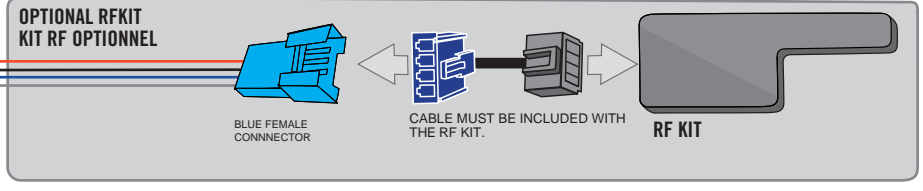
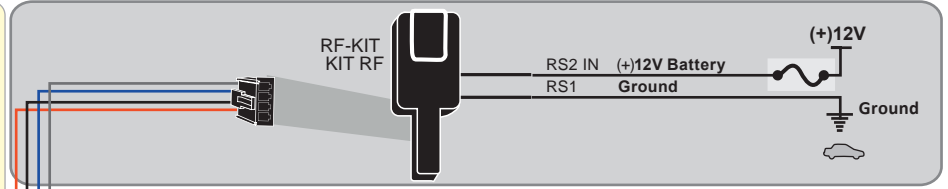
① At Steering Column



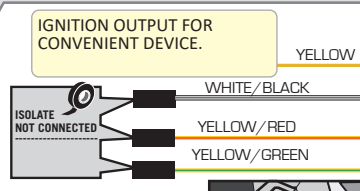
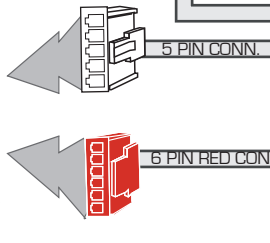
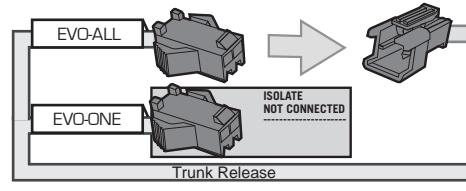
THAR-TOY13 | WIRING CONNECTION AUTOMATIC TRANSMISSION



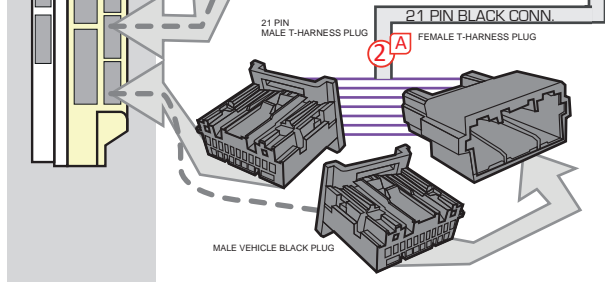
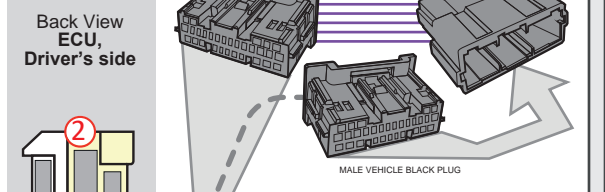
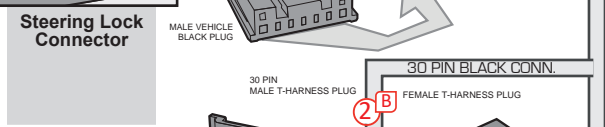
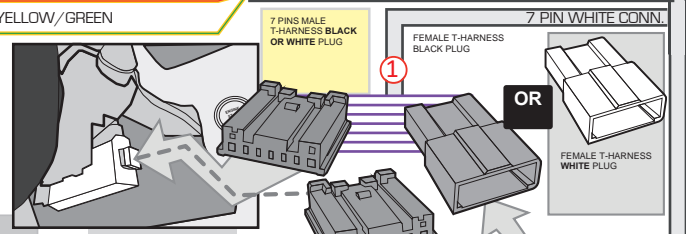
(-) Lock/Unlock input external control



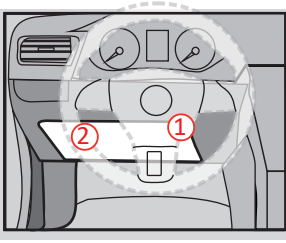
YELLOW	In	A1
PURPLE	In	A2
PURPLE/WHITE	In	A3
GREEN	Out	A4
WHITE	Out	A5
ORANGE	In	A6
ORANGE/BLACK	In	A7
Dk.BLUE	In	A8
Red/BLUE	In	A9
Lt.BLUE/BLACK	In	A10
BLACK	Out	A11
PINK	Out	A12
YELLOW/BLACK	In	A13
BROWN/WHITE	Out	A14
PINK/BLACK	Out	A15
PURPLE/YELLOW	Out	A16
GREEN/WHITE	Out	A17
GREEN/RED	Out	A18
WHITE/BLACK	Out	A19
Lt.BLUE	Out	A20



T-HARNESS - HARNAIS EN T THAR-TY70



RAV4





**DCRYPTOR PROGRAMMING PROCEDURE**



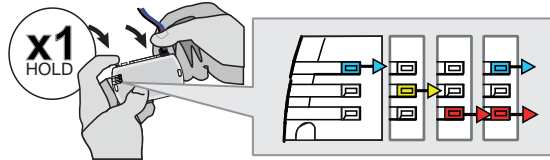
- Parts required (not included)**
- 1x **FLASH LINK UPDATER,**  
**FLASH LINK MANAGER**  
SOFTWARE | PROGRAMME
  - 1x **Microsoft Windows Computer with Internet connection**

**OR**

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

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

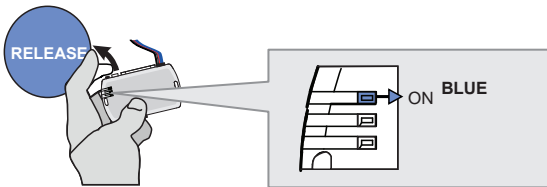
**1**



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

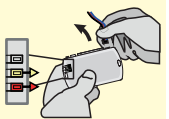
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

**2**

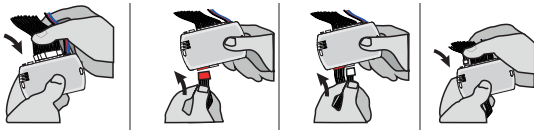


**Release** the programming button when the LED is BLUE.

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

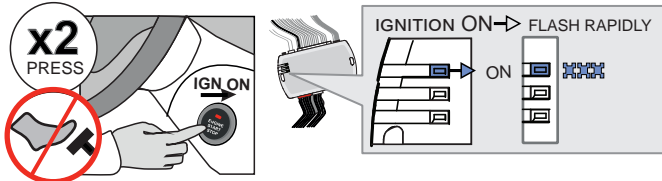


**3**



**Insert** the required remaining connectors.

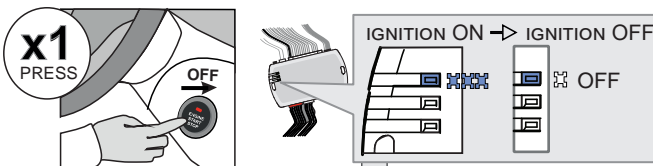
**4**



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

**5**



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

↳ The BLUE LED will turn off.

**OR**

→ **ALTERNATE**

↳ If the RED and YELLOW LEDs alternate:  
**GO STEP 6 at Dcryptor process.**

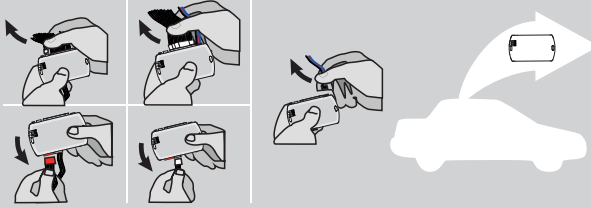
**CONTINUED NEXT PAGE**

→ **OFF**

↳ If the LEDS turn OFF:  
**The module is now programmed.**

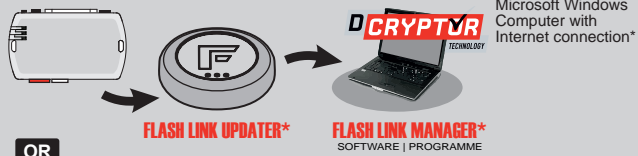
KEY BYPASS PROGRAMMING PROCEDURE 2/2

6



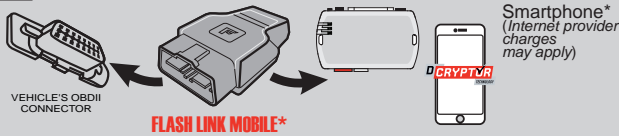
Disconnect all the connectors and after the Data-Link (4-pins) connector.

7



Microsoft Windows Computer with Internet connection\*

OR

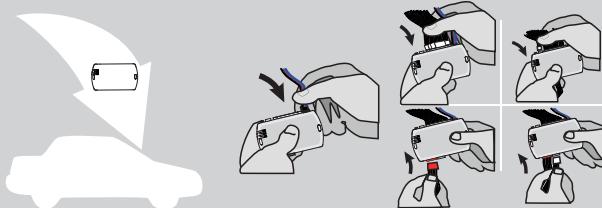


Smartphone\* (Internet provider charges may apply)

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

\*Parts required (not included)

8



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


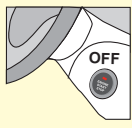













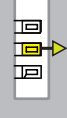
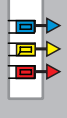




Test the remote starter. Remote start the vehicle.

OPTIONAL RF-KIT PROGRAMMING

PROGRAM BYPASS OPTION



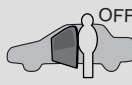




	<p>Program bypass option:</p>	<p><b>H2</b></p>	<p><input checked="" type="checkbox"/> Supported RF-KITS enable  <input checked="" type="checkbox"/> <b>H2</b> Fortin 2</p>
---	-------------------------------	------------------	---

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>x2</b> PRESS</p>  <p>Press the Push-to-Start button twice to turn on the ignition.</p>	<p>2</p> <p>OFF <b>x1</b> PRESS</p>  <p>Press the Push-to-Start button once to turn off the ignition.</p>	<p>3</p> <p>ON <b>x2</b> PRESS</p>  <p>Press the Push-to-Start button twice to turn on the ignition.</p>	<p>4</p> <p>4X BRAKES</p> <p><b>x4</b> PRESS</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</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>x1</b> PRESS</p>  <p>Press the Push-to-Start button once to turn off the ignition.</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 3 LED will turn off.</p> 
				<p>The 3 LED will turn ON solid.</p> 		
				<p>The 3 LED will turn off each time.</p> 		



REMOTE STARTER FUNCTIONALITY |

<p><b>START</b></p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p><b>UNLOCK</b></p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p><b>OFF</b></p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
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# THAR-TOY13 THARNNESS STANDALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

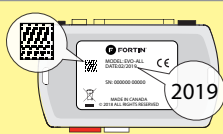


**ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.**



Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Immobilizer bypass	Lock	Unlock	Arm	Disarm	Parking Lights	Tachometer	Autolight	Trunk Release	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring**
TOYOTA																
RAV4	Hybrid Push-to-Start 2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



**COMPATIBLE MODULE REQUIRED:**

**QR CODE ON THE LABEL**  
MANUFACTURED AFTER: 2019

**79.[66]**  
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

**D6**

Push-to-Start

**A12**

Unlock before trunk release

**Program bypass option (Vehicle hybrid only):**

**D4**

Hybrid mode (Vehicle hybrid only)

## NOTES



The vehicles OEM remote and SmartKey are still operable during remote start.

## NO KEY TAKEOVER

### MANDATORY INSTALL

\*HOOD PIN



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

**A11**

OFF

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

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

**PARTS REQUIRED (NOT INCLUDED)**


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

OR

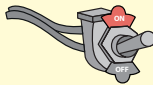
1x **FLASH LINK MOBILE**  
1x **FLASH LINK MOBILE APP**  
Smartphone *Android* or *iOS* with Internet connection (*provider charges may apply*).  
1x

**MANDATORY | 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>
		<b>D1.1</b> 	Par défaut, VERROUILLE, VERROUILLE, VERROUILLE
	<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>Program bypass option Vehicle hybrid only:</b>	<b>D4</b>	Hybrid mode (Vehicle hybrid only)


**REMOTE STARTER FUNCTIONALITY**




All doors must be closed.

**3X** 

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




**START** 

The vehicle will START.

**REMOTE STARTER DIAGNOSTICS**  
MODULE RED LED


<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**

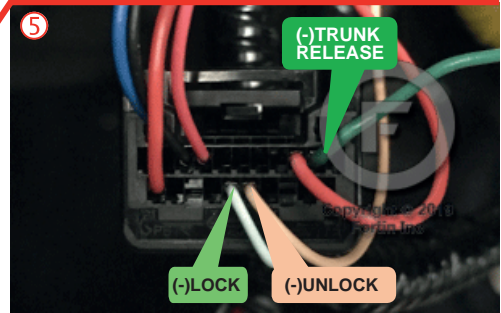
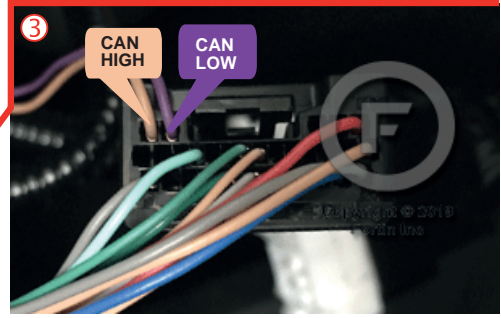
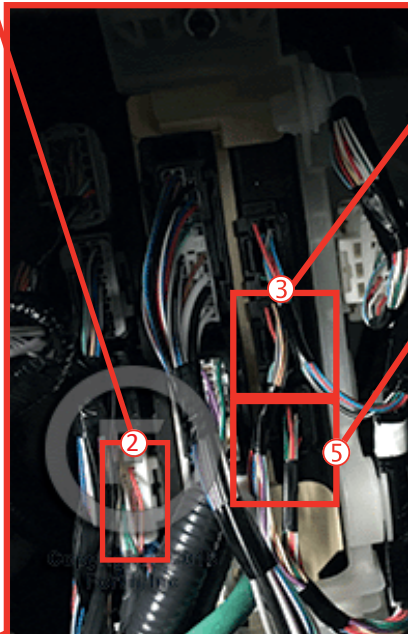
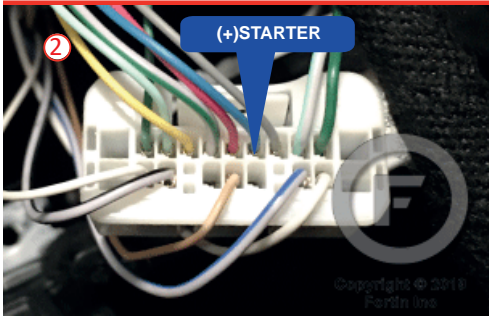


REMOTE STARTER

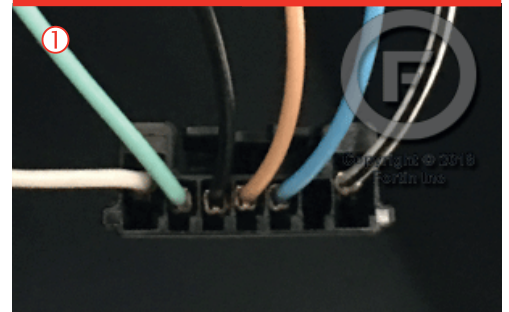
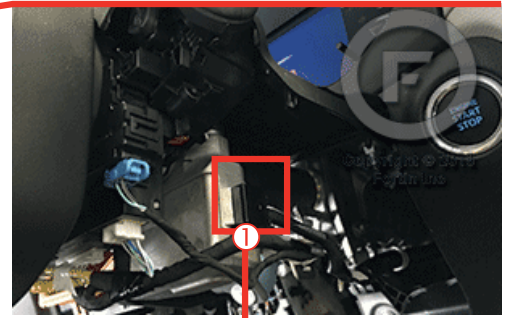
THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION

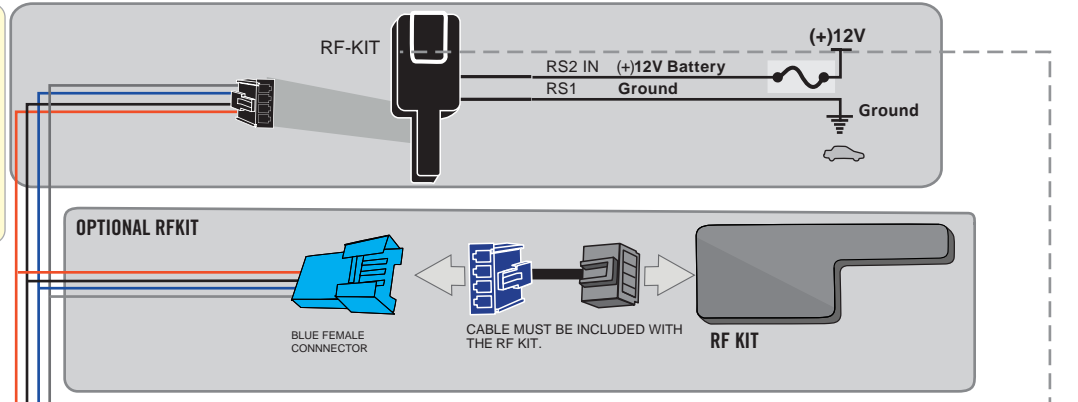
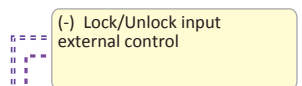
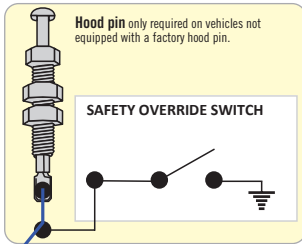
② ③ ⑤ ECU, Driver's side



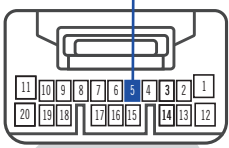
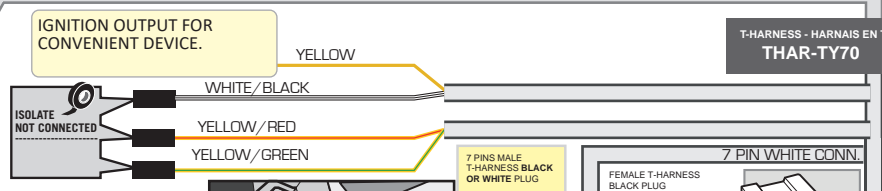
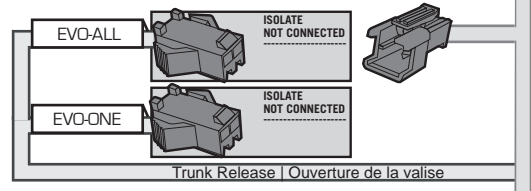
① At Steering Column



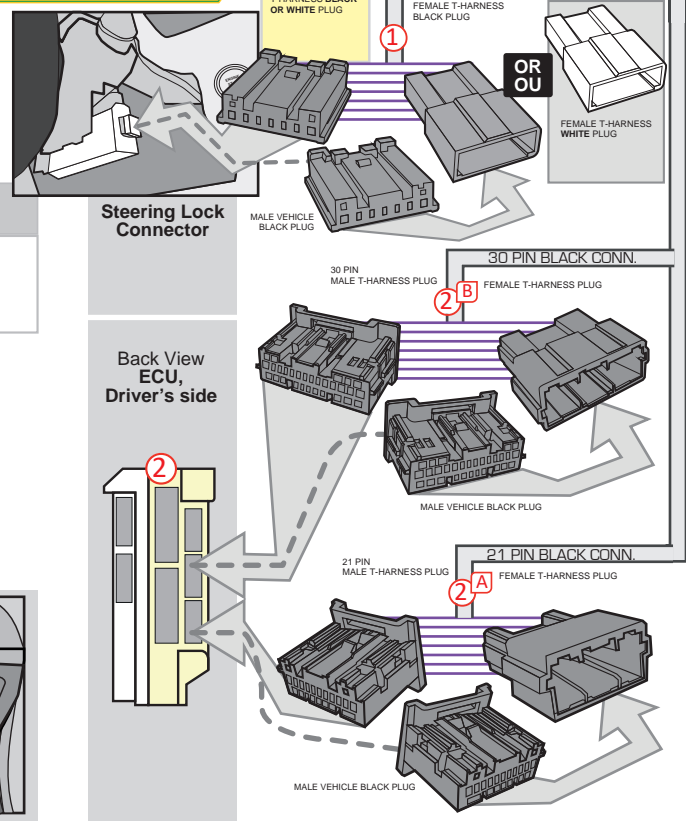
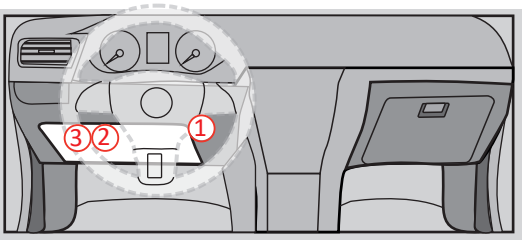
THAR-TOY13 | WIRING CONNECTION AUTOMATIC TRANSMISSION



YELLOW	In	A1
PURPLE	In	A2
PURPLE/WHITE	In	A3
GREEN	Out	A4
WHITE	Out	A5
ORANGE	In	A6
ORANGE/BLACK	In	A7
Dk.BLUE	In	A8
RED/BLUE	In	A9
Lt.BLUE/BLACK	In	A10
BLACK	Out	A11
PINK	Out	A12
YELLOW/BLACK	In	A13
BROWN/WHITE	Out	A14
PINK/BLACK	Out	A15
PURPLE/YELLOW	In	A16
GREEN/WHITE	Out	A17
GREEN/RED	Out	A18
WHITE/BLACK	Out	A19
Lt.BLUE	Out	A20



③ Back view 20-Pin - white Connector junction connector, left side of fuse box





**DCRYPTOR PROGRAMMING PROCEDURE**



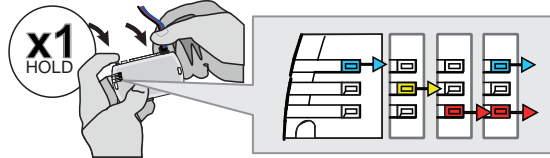
- Parts required (not included)**
- 1x **FLASH LINK UPDATER, FLASH LINK MANAGER**  
SOFTWARE | PROGRAMME
  - 1x Microsoft Windows Computer with Internet connection

OR  
OU

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

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

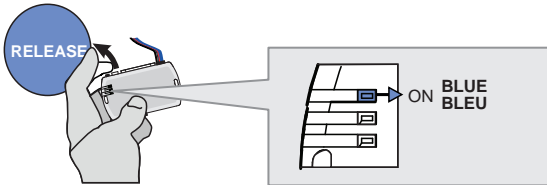
1



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

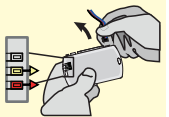
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

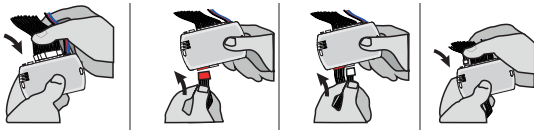


**Release** the programming button when the LED is BLUE.

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

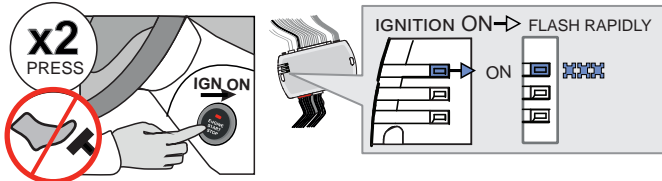


3



**Insert** the required remaining connectors.

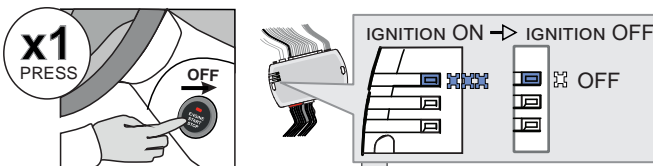
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:  
**GO STEP 6** at Dcryptor process.

CONTINUED NEXT PAGE

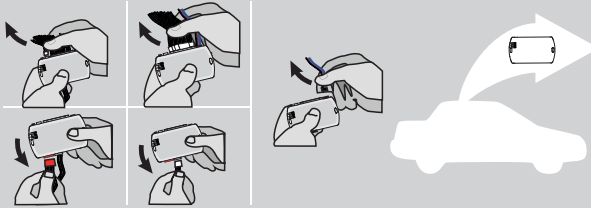
→ OFF

↳ If the LEDS turn OFF:  
The module is now programmed.



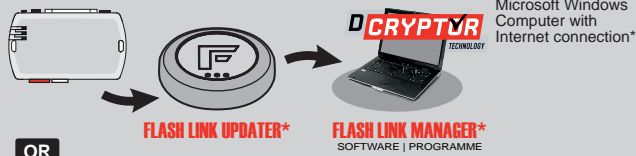
KEY BYPASS PROGRAMMING PROCEDURE 2/2

6

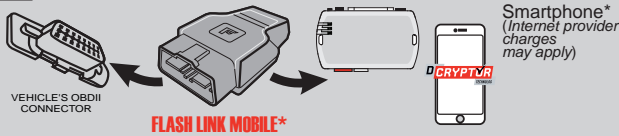


**Disconnect** all the connectors and after the Data-Link (4-pins) connector.

7



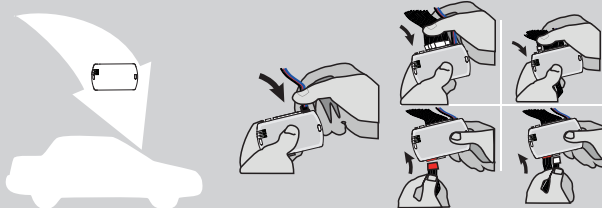
OR



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

\*Parts required (not included)

8



**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**


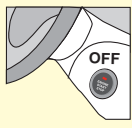













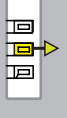








Test the remote starter. Remote start the vehicle.

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"/> H2 Fortin 2</p>
---	-------------------------------	------------------	--

OPTIONAL FORTIN RF KIT SERIES 4 OR SERIES 9 PROGRAMMING

<p>The module must be programmed on the vehicle.</p>   <p><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>x2</b> PRESS</p>  <p>Press the Push-to-Start button twice to turn on the ignition.</p>	<p>2</p> <p>OFF <b>x1</b> PRESS</p>  <p>Press the Push-to-Start button once to turn off the ignition.</p>	<p>3</p> <p>ON <b>x2</b> PRESS</p>  <p>Press the Push-to-Start button twice to turn on the ignition.</p>	<p>4</p> <p>4X BRAKES</p> <p><b>x4</b> PRESS</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</p> <p><b>4 BUTTONS</b></p> <p> PRESS AND RELEASE</p> <p> PRESS AND RELEASE</p> <p></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>x1</b> PRESS</p>  <p>Press the Push-to-Start button once to turn off the ignition.</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 3 LED will turn ON solid.</p> 	<p>The LED will flash rapidly.</p> 	<p>The 3 LED will turn off.</p> 
				<p>The 3 LED will turn off each time.</p> 		



REMOTE STARTER FUNCTIONALITY

<p style="text-align: center;">START</p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p style="text-align: center;">UNLOCK</p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p style="text-align: center;">OFF</p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
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# THAR-TOY13 THARNES STANDALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



**ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.**



VEHICLE

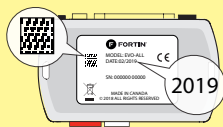
YEARS

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

Immobilizer bypass	Lock	Unlock	Arm	Disarm	Parking Lights	Tachometer	Autolight	Trunk Release	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring**
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

TOYOTA

RAV4 Hybrid Push-to-Start 2020



**COMPATIBLE MODULE REQUIRED:**

**QR CODE ON THE LABEL**  
MANUFACTURED AFTER: 2019

FIRMWARE VERSION

**79.[66]**  
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
	<b>C1</b>	OEM Remote status (Lock/Unlock) monitoring
<b>Program bypass option (Vehicle hybrid only):</b>	<b>D4</b>	Hybrid mode (Vehicle hybrid only)
	<b>D6</b>	Push-to-Start
<b>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</b>	<b>A11</b> <b>OFF</b>	Hood trigger (Output Status).
	<b>A12</b>	Unlock before trunk release

**NOTES**



The vehicles OEM remote and SmartKey are still operable during remote start.

**NO KEY TAKEOVER**

**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

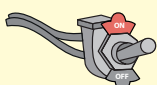
1x **FLASH LINK MOBILE**  
 1x **FLASH LINK MOBILE APP**  
 Smartphone Android or iOS with Internet connection (provider charges may apply).

**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**

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	<b>Program bypass option with RF KIT antenna:</b>	<b>H1 to H6</b>	Supported RF Kits and <b>select RF Kit</b>
	<b>Program bypass option Vehicle hybrid only:</b>	<b>D4</b>	Hybrid mode (Vehicle hybrid only)


**REMOTE STARTER FUNCTIONALITY**




All doors must be closed.

**3X** 

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The vehicle will START.

**REMOTE STARTER DIAGNOSTICS**  
MODULE RED LED

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<b>x3 flash :</b>	No tach
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<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**

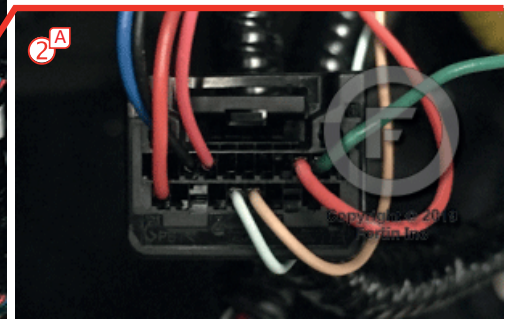
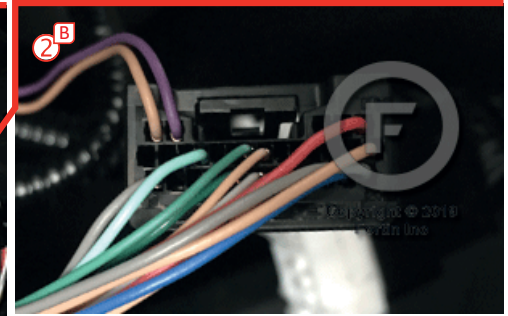
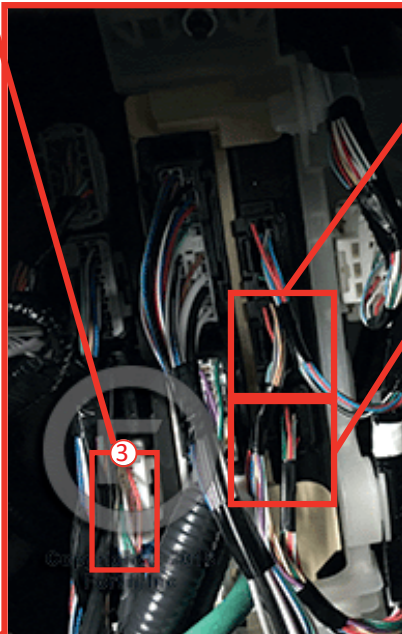
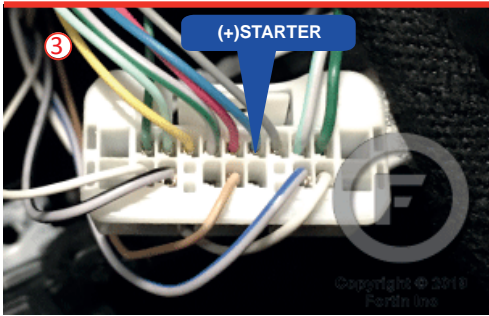


REMOTE STARTER

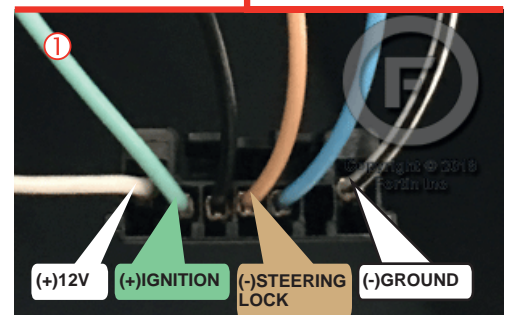
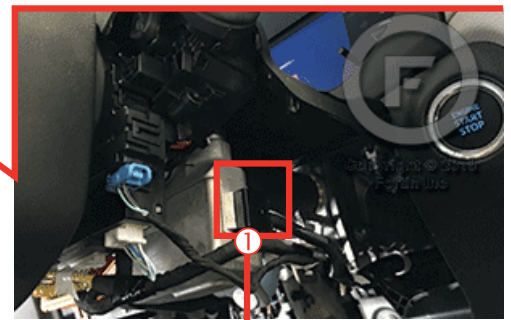
THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION

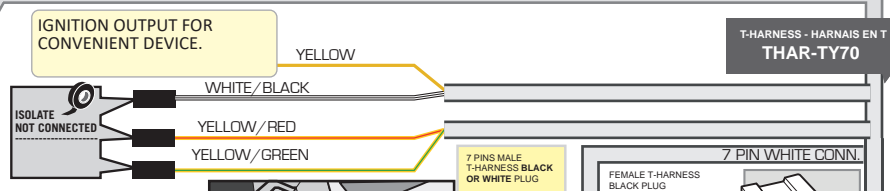
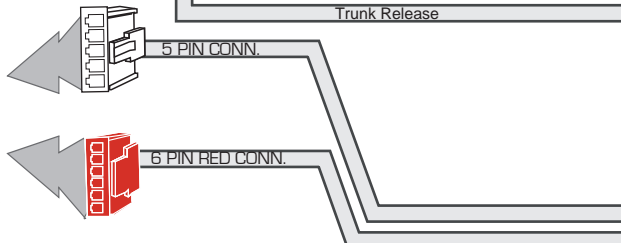
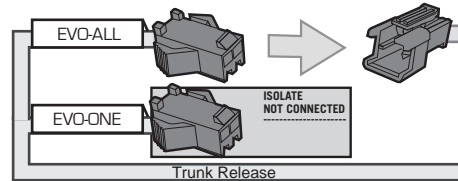
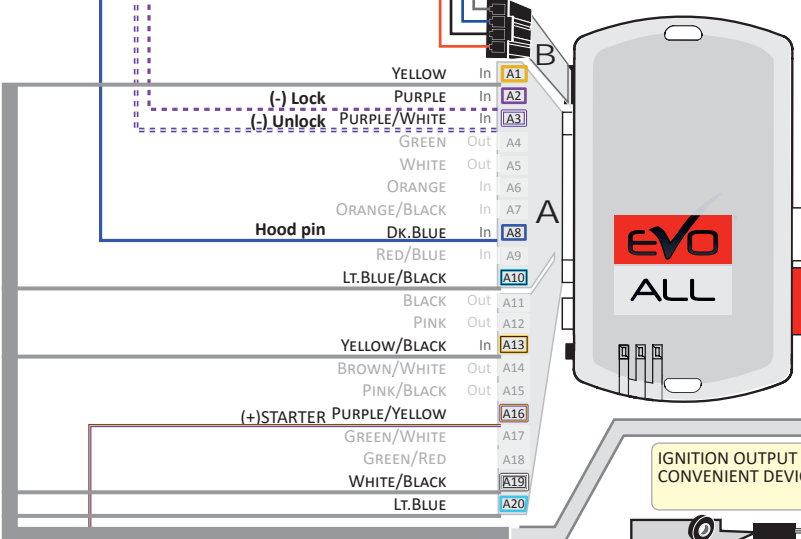
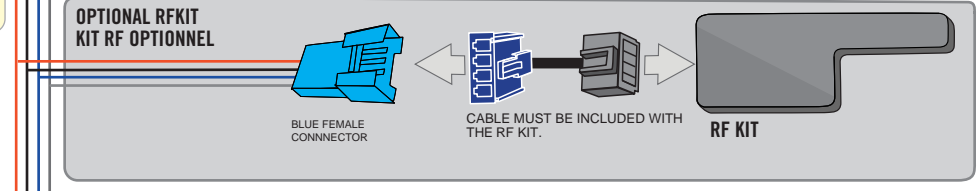
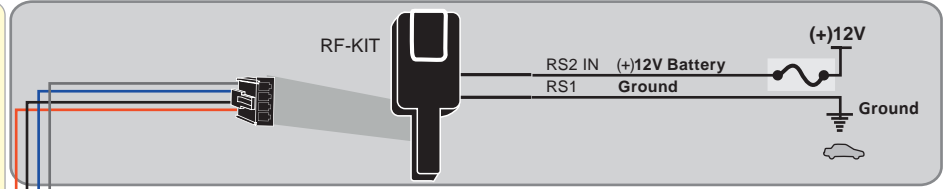
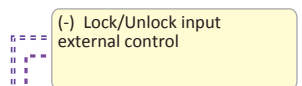
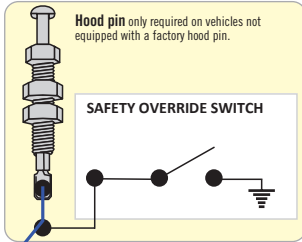
②③ ECU, Driver's side



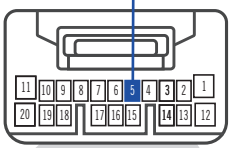
① At Steering Column



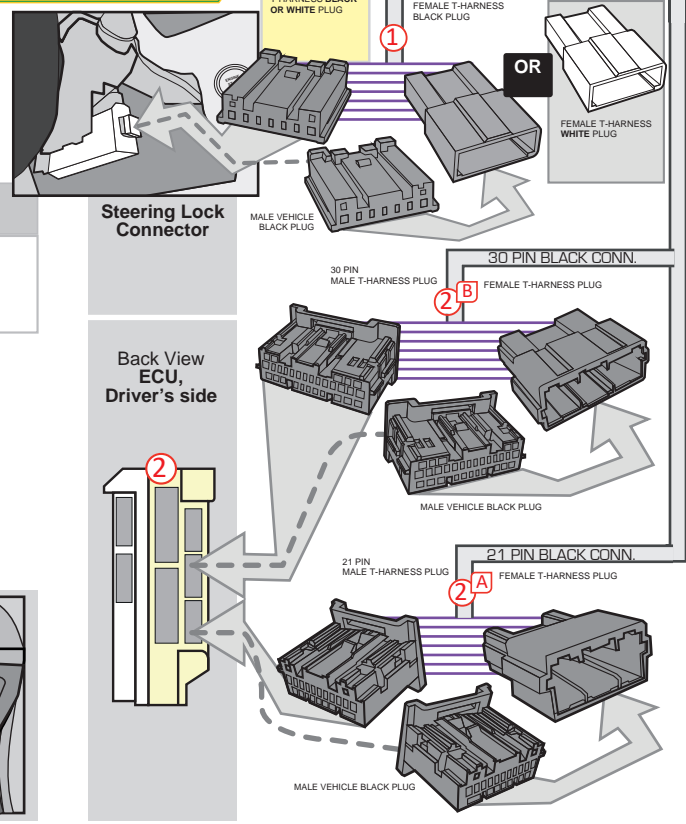
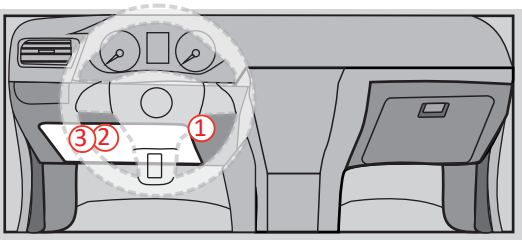
THAR-TOY13 | WIRING CONNECTION AUTOMATIC TRANSMISSION



T-HARNES - HARNAIS EN T THAR-TY70



③ Back view 20-Pin - white Connector junction connector, left side of fuse box





**DCRYPTOR PROGRAMMING PROCEDURE**



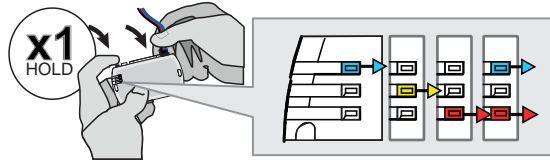
- Parts required (not included)**
- 1x **FLASH LINK UPDATER, FLASH LINK MANAGER**  
SOFTWARE | PROGRAMME
  - 1x Microsoft Windows Computer with Internet connection

OR

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

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

1

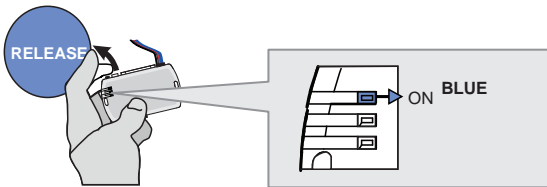


**Press and hold** the programming button: **Connect** the 4-PIN Data-link connector.

**Appuyez et maintenir enfoncé** le bouton de programmation:  **Branchez** le connecteur Data-Link à 4-Broches.

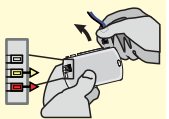
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

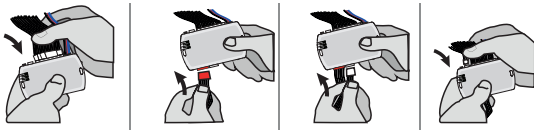


**Release** the programming button when the LED is BLUE.

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

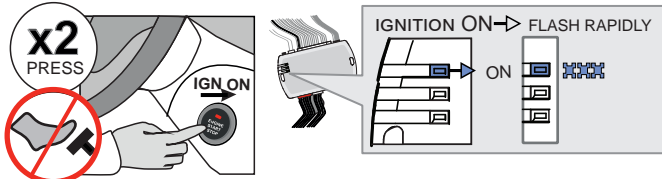


3



**Insert** the required remaining connectors.

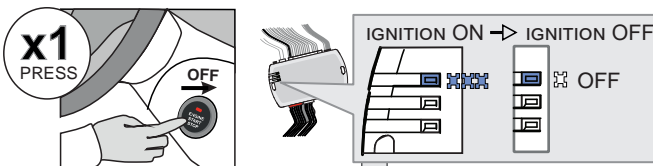
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

OR

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:

**GO STEP 6** at Dcryptor process.

**CONTINUED NEXT PAGE**

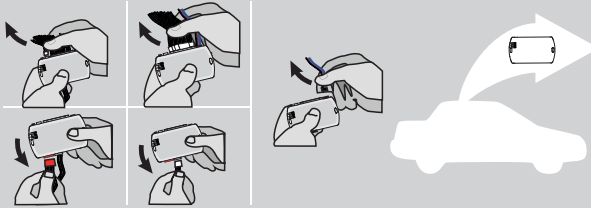
→ OFF

↳ If the LEDS turn OFF:

The module is now programmed.

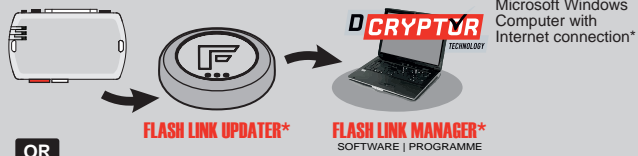
KEY BYPASS PROGRAMMING PROCEDURE 2/2

6

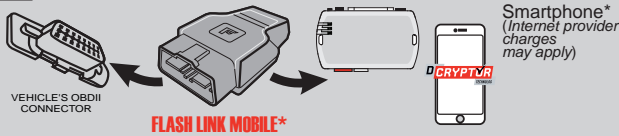


Disconnect all the connectors and after the Data-Link (4-pins) connector.

7



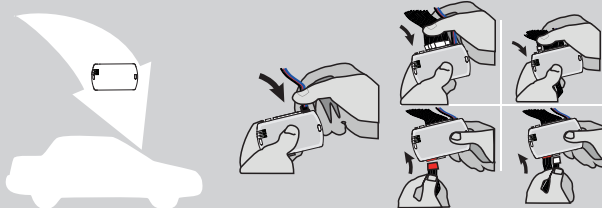
OR



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

\*Parts required (not included)

8



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


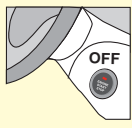













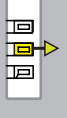
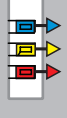


Test the remote starter. Remote start the vehicle.

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"/> H2 Fortin 2</p>
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OPTIONAL FORTIN RF KIT SERIES 4 OR SERIES 9 PROGRAMMING

<p>The module must be programmed on the vehicle.</p>  <p><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>x2</b> PRESS</p>  <p>Press the Push-to-Start button twice to turn on the ignition.</p>	<p>2</p> <p>OFF <b>x1</b> PRESS</p>  <p>Press the Push-to-Start button once to turn off the ignition.</p>	<p>3</p> <p>ON <b>x2</b> PRESS</p>  <p>Press the Push-to-Start button twice to turn on the ignition.</p>	<p>4</p> <p>4X BRAKES</p> <p><b>x4</b> PRESS</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</p> <p><b>4 BUTTONS</b></p> <p><b>(-) PRESS AND RELEASE</b></p> <p><b>→ PRESS AND RELEASE</b></p> <p><b>LOCK 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>x1</b> PRESS</p>  <p>Press the Push-to-Start button once to turn off the ignition.</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 3 LED will turn off.</p> 



REMOTE STARTER FUNCTIONALITY

<p><b>START</b></p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p><b>UNLOCK</b></p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p><b>OFF</b></p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
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**THAR-TOY13 THARNES STANDALONE INSTALLATION**

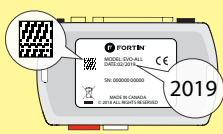
**ADDENDUM - SUGGESTED WIRING CONFIGURATION**



**ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.**

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

VEHICLE	YEARS	Immobilizer bypass	Lock	Unlock	Arm	Disarm	Parking Lights	Trunk Open	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring**
<b>TOYOTA</b>															
Avalon	Push-to-Start - AT 2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•



**COMPATIBLE MODULE REQUIRED:**

**QR CODE ON THE LABEL**  
MANUFACTURED AFTER: 2019

FIRMWARE VERSION  
**79.[66]**  
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

**D6**

Push-to-Start

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

**A11**

**OFF**

Hood trigger (Output Status).

**NOTES**



The vehicles OEM remote and SmartKey are still operable during remote start.

**NO KEY TAKEOVER**

**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 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.

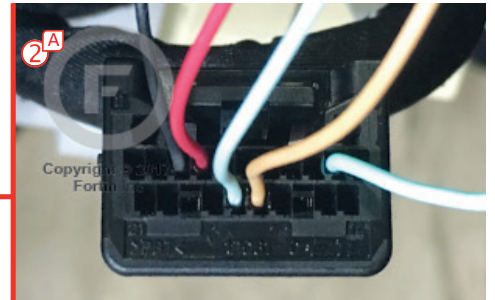
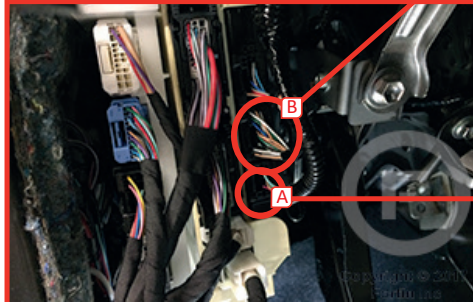
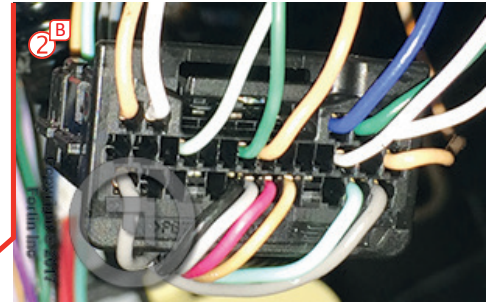
**WARNING | ATTENTION**

**REMOTE STARTER**

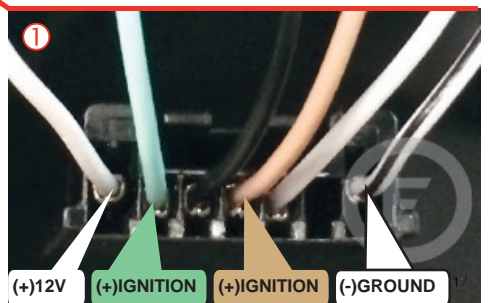
THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION

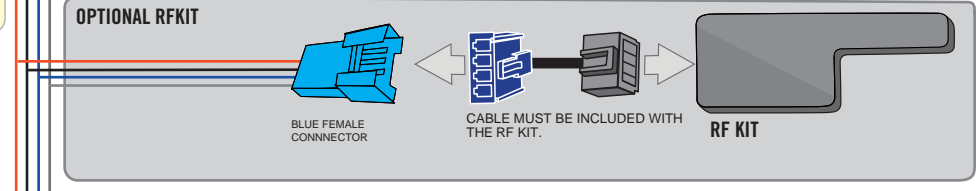
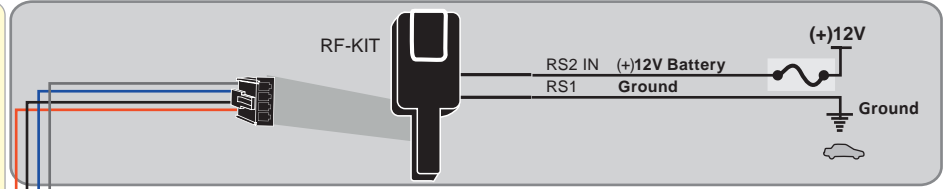
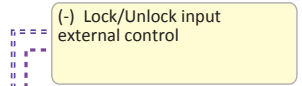
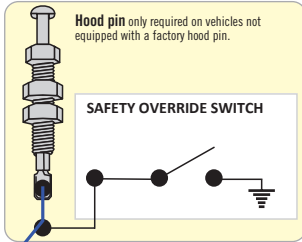
② ECU, Driver's side



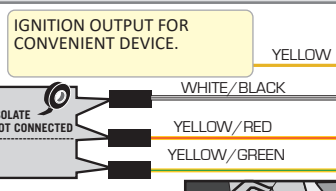
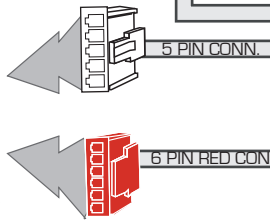
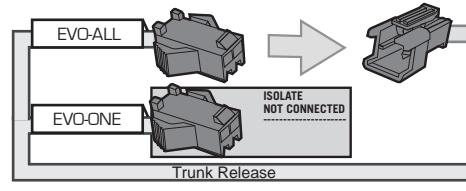
③ ① At Steering Column



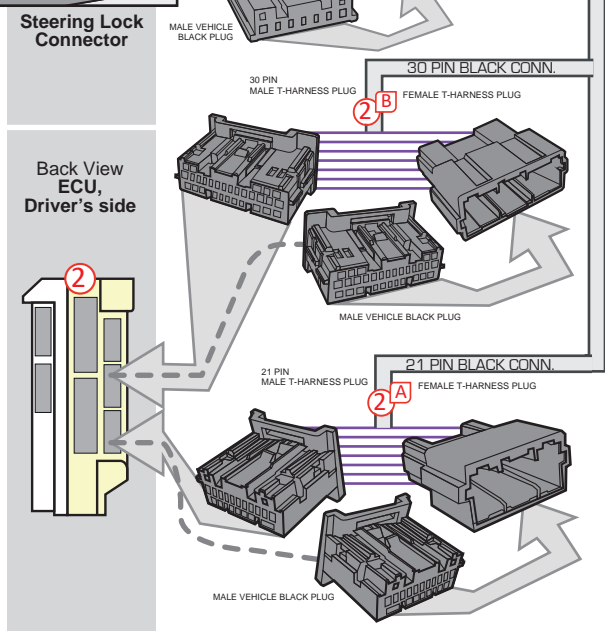
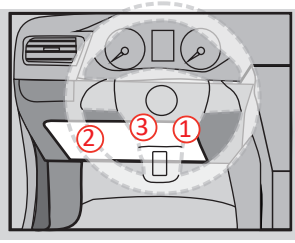
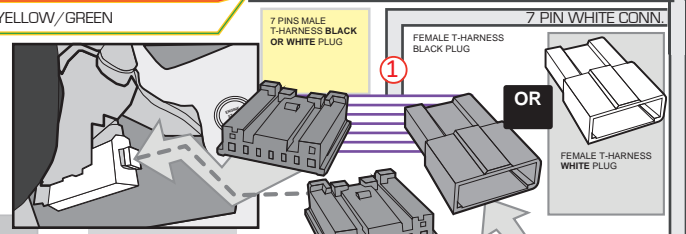
THAR-TOY13 | WIRING CONNECTION AUTOMATIC TRANSMISSION



YELLOW	In	A1
PURPLE	In	A2
PURPLE/WHITE	In	A3
GREEN	Out	A4
WHITE	Out	A5
ORANGE	In	A6
ORANGE/BLACK	In	A7
DK.BLUE	In	A8
Red/BLUE	In	A9
Lt.BLUE/BLACK	In	A10
BLACK	Out	A11
PINK	Out	A12
YELLOW/BLACK	In	A13
BROWN/WHITE	Out	A14
PINK/BLACK	Out	A15
PURPLE/YELLOW	Out	A16
GREEN/WHITE	Out	A17
GREEN/RED	Out	A18
WHITE/BLACK	Out	A19
Lt.BLUE	Out	A20



T-HARNES - HARNAIS EN T THAR-TY70





**DCRYPTOR PROGRAMMING PROCEDURE**



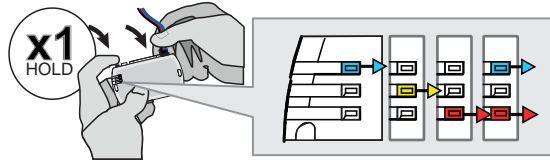
- Parts required (not included)**
- 1x **FLASH LINK UPDATER,**
  - 1x **FLASH LINK MANAGER**  
SOFTWARE | PROGRAMME
  - 1x Microsoft Windows Computer with Internet connection

OR

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

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

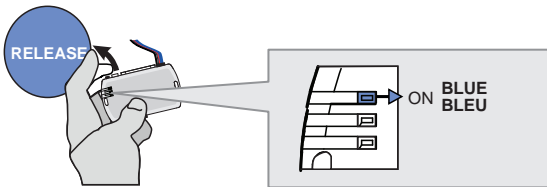
1



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

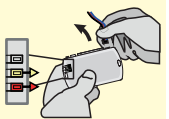
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

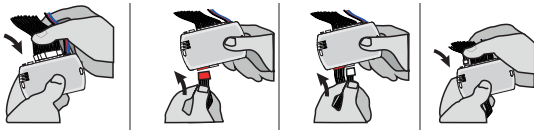


**Release** the programming button when the LED is BLUE.

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

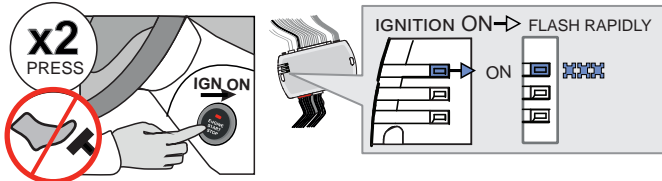


3



**Insert** the required remaining connectors.

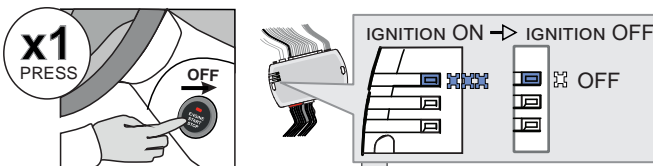
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

OR

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:

**GO STEP 6** at Dcryptor process.

CONTINUED NEXT PAGE |

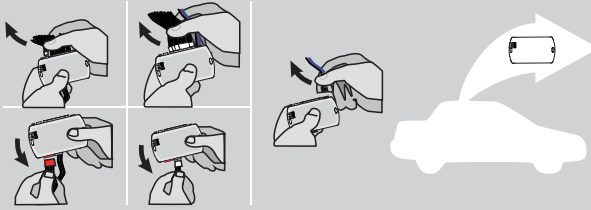
→ OFF

↳ If the LEDS turn OFF:

The module is now programmed.

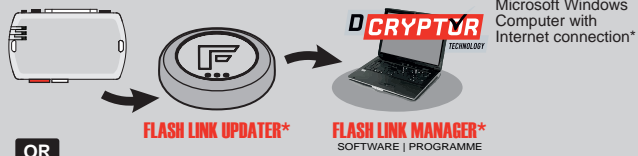
KEY BYPASS PROGRAMMING PROCEDURE 2/2

6



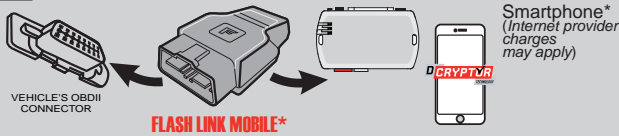
**Disconnect** all the connectors and after the Data-Link (4-pins) connector.

7



Microsoft Windows  
Computer with  
Internet connection\*

OR

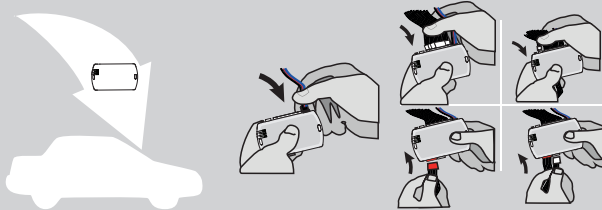


Smartphone\*  
(Internet provider  
charges may apply)

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

\*Parts required (not included)

8



**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**


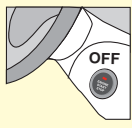







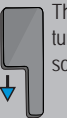





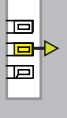
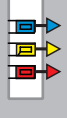


Test the remote starter. Remote start the vehicle.

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>
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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>x2</b> PRESS</p>  <p>Press the Push-to-Start button twice to turn on the ignition.</p>	<p>2</p> <p>OFF <b>x1</b> PRESS</p>  <p>Press the Push-to-Start button once to turn off the ignition.</p>	<p>3</p> <p>ON <b>x2</b> PRESS</p>  <p>Press the Push-to-Start button twice to turn on the ignition.</p>	<p>4</p> <p>4X BRAKES</p> <p><b>x4</b> PRESS</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</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>x1</b> PRESS</p>  <p>Press the Push-to-Start button once to turn off the ignition.</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 3 LED will turn off each time.</p> 	<p>The 3 LED will turn off.</p> 



REMOTE STARTER FUNCTIONALITY

<p><b>START</b></p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p><b>UNLOCK</b></p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p><b>OFF</b></p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
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# THAR-TOY13 THARNNESS STANDALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

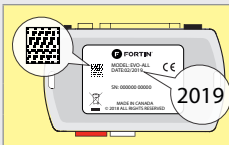


VEHICLE

YEARS

Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Immobilizer bypass	Lock	Unlock	Arm	Disarm	Parking Lights	Tachometer	Autolight	Trunk Release	Rear Defrost	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring**
LEXUS																	
UX250H	Hybrid - Push-to-Start 2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



**COMPATIBLE MODULE REQUIRED:**

**QR CODE ON THE LABEL**  
MANUFACTURED AFTER: 2019

FIRMWARE VERSION

**79.[66]**  
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

**Program bypass option (Vehicle hybrid only):**

**D4**

Hybrid mode (Vehicle hybrid only)

**D6**

Push-to-Start

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

**A11**

**OFF**

Hood trigger (Output Status).

**A12**

Unlock before trunk release

## NOTES



The vehicles OEM remote and SmartKey are still operable during remote start.

## NO KEY TAKEOVER

### 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

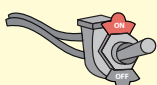
1x **FLASH LINK MOBILE**  
 1x **FLASH LINK MOBILE APP**  
 Smartphone Android or iOS with Internet connection (provider charges may apply).

**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>
	<b>Program bypass option Vehicle hybrid only:</b>	<b>D4</b>	Hybrid mode (Vehicle hybrid only)


**REMOTE STARTER FUNCTIONALITY**




All doors must be closed.

**3X** 

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




**START** 

The vehicle will START.

**REMOTE STARTER DIAGNOSTICS**  
MODULE RED LED

<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**



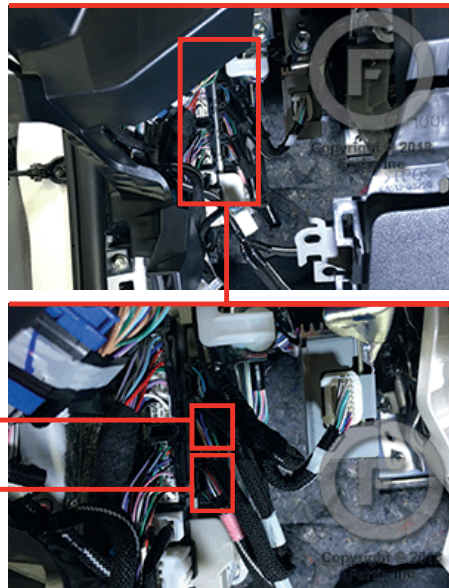
**REMOTE STARTER**

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.

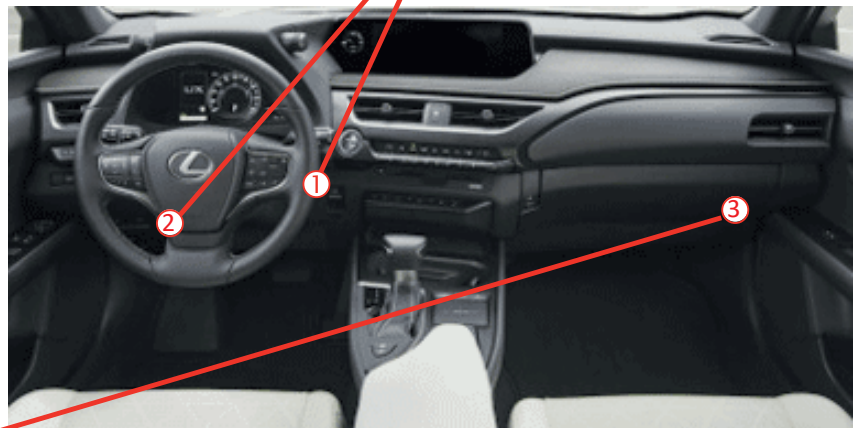
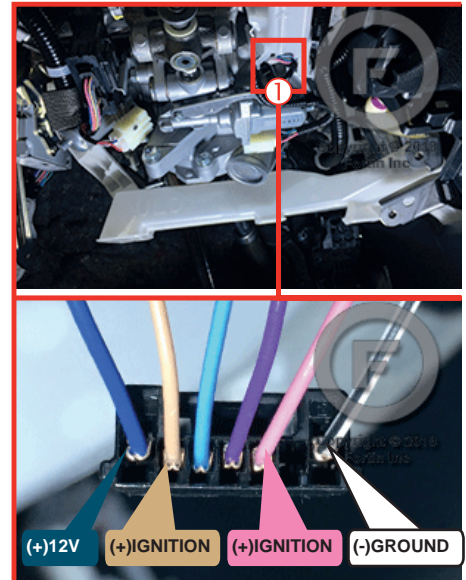
DESCRIPTION

Steering Lock Connector

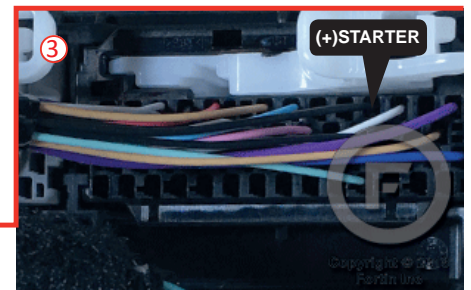
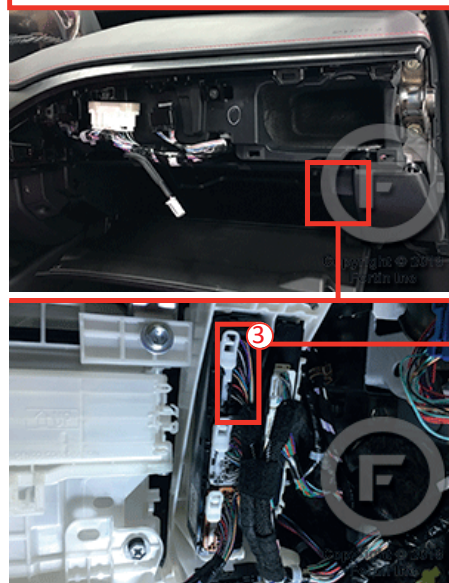
② ECU, driver's side



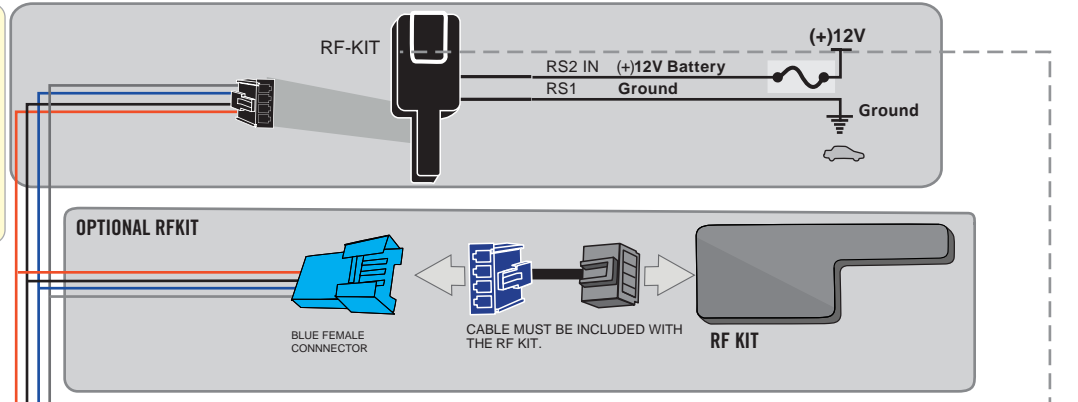
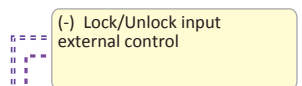
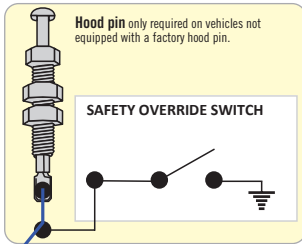
①



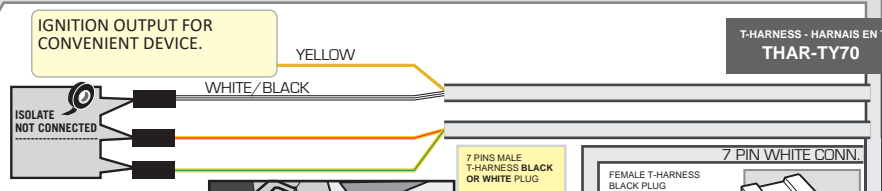
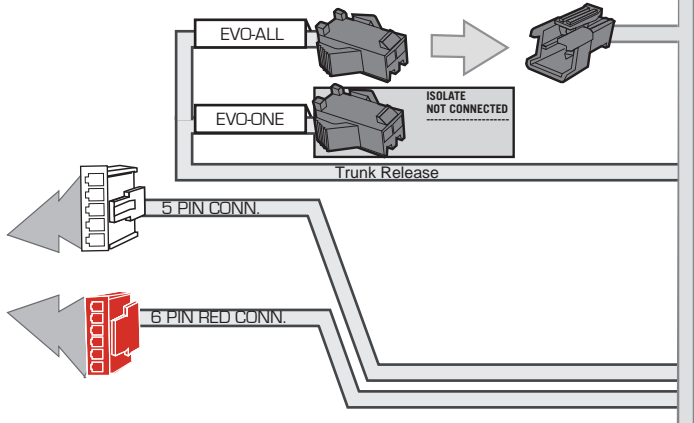
③ ECU, behind glove box



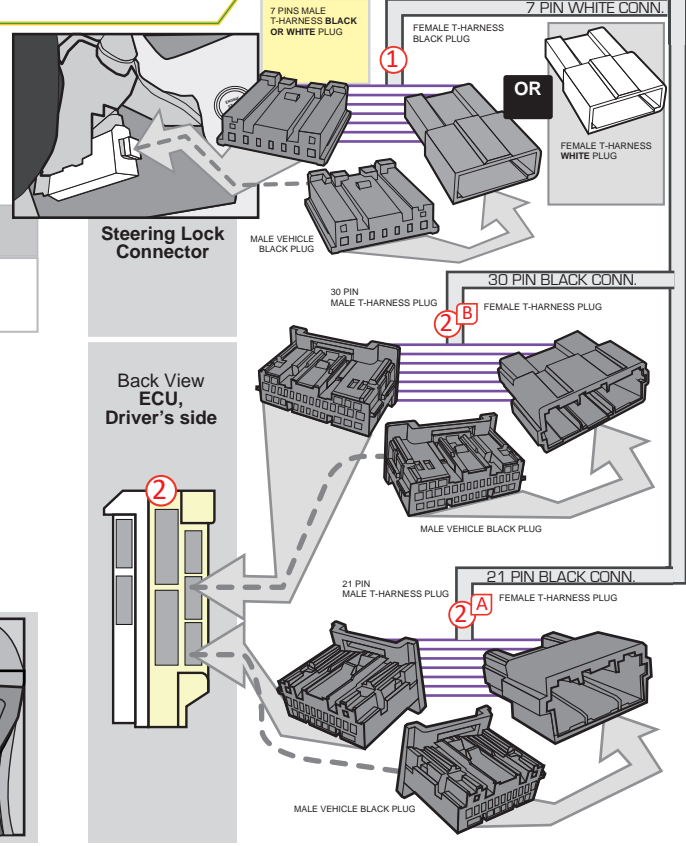
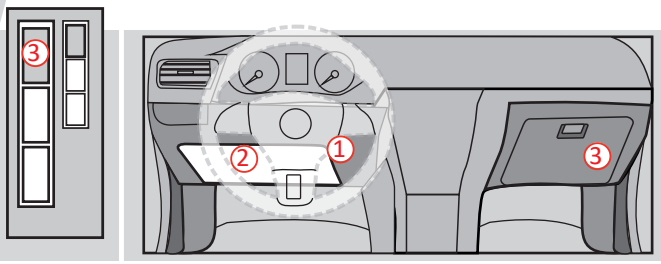
THAR-TOY13 | WIRING CONNECTION AUTOMATIC TRANSMISSION



YELLOW	In	A1
PURPLE	In	A2
PURPLE/WHITE	In	A3
GREEN	Out	A4
WHITE	Out	A5
ORANGE	In	A6
ORANGE/BLACK	In	A7
Dk.BLUE	In	A8
RED/BLUE	In	A9
Lt.BLUE/BLACK	In	A10
BLACK	Out	A11
PINK	Out	A12
YELLOW/BLACK	In	A13
BROWN/WHITE	Out	A14
PINK/BLACK	Out	A15
PURPLE/YELLOW	In	A16
GREEN/WHITE	Out	A17
GREEN/RED	Out	A18
WHITE/BLACK	Out	A19
Lt.BLUE	Out	A20



Back view 54-Pin Black Connector Hybrid ECU located behind glove box. Top connector.





**DCRYPTOR PROGRAMMING PROCEDURE**



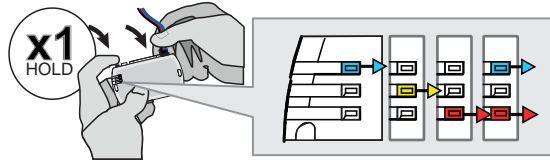
- Parts required (not included)**
- 1x **FLASH LINK UPDATER,**
  - 1x **FLASH LINK MANAGER**  
SOFTWARE | PROGRAMME
  - 1x Microsoft Windows Computer with Internet connection

OR

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

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

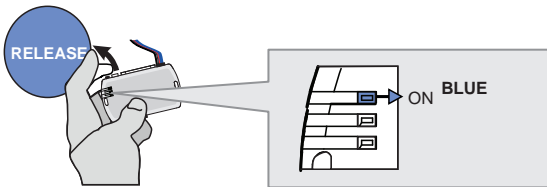
1



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

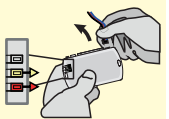
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

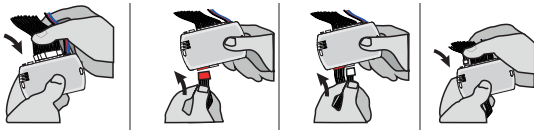


**Release** the programming button when the LED is BLUE.

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

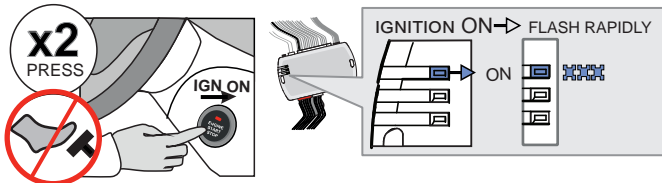


3



**Insert** the required remaining connectors.

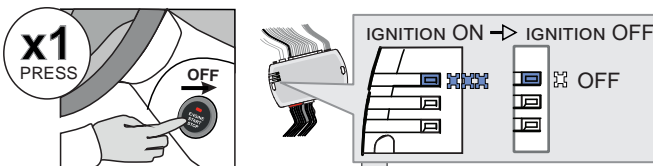
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:  
**GO STEP 6** at Dcryptor process.

CONTINUED NEXT PAGE

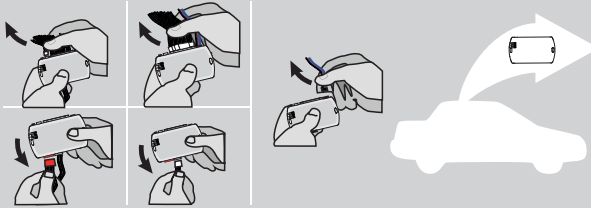
→ OFF

↳ If the LEDs turn OFF:  
The module is now programmed.



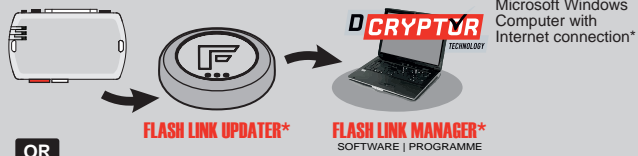
KEY BYPASS PROGRAMMING PROCEDURE 2/2

6



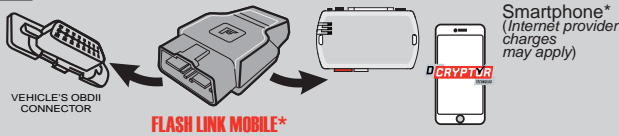
Disconnect all the connectors and after the Data-Link (4-pins) connector.

7



Microsoft Windows Computer with Internet connection\*

OR

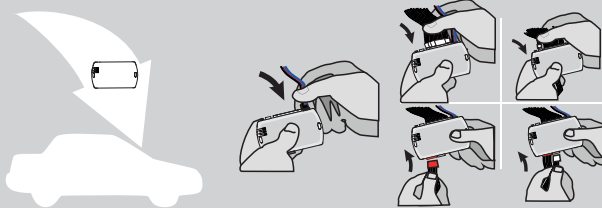


Smartphone\* (Internet provider charges may apply)

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

\*Parts required (not included)

8



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


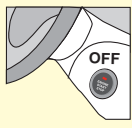













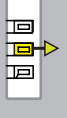




Test the remote starter. Remote start the vehicle.

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>x2</b> PRESS</p>  <p>Press the Push-to-Start button twice to turn on the ignition.</p>	<p>2</p> <p>OFF <b>x1</b> PRESS</p>  <p>Press the Push-to-Start button once to turn off the ignition.</p>	<p>3</p> <p>ON <b>x2</b> PRESS</p>  <p>Press the Push-to-Start button twice to turn on the ignition.</p>	<p>4</p> <p>4X BRAKES</p> <p><b>x4</b> PRESS</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</p> <p><b>4 BUTTONS</b></p> <p><b>(-) PRESS AND RELEASE</b></p> <p><b>→ PRESS AND RELEASE</b></p> <p><b>LOCK 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>x1</b> PRESS</p>  <p>Press the Push-to-Start button once to turn off the ignition.</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 3 LED will turn ON solid.</p> 	<p>The LED will flash rapidly.</p> 	<p>The 3 LED will turn off.</p> 
				<p>The 3 LED will turn off each time.</p> 		



REMOTE STARTER FUNCTIONALITY

<p><b>START</b></p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p><b>UNLOCK</b></p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"> <li>• The OEM remote</li> <li>• The remote-starter remote</li> <li>• Or the proximity remote</li> </ul>	<p><b>OFF</b></p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
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# THAR-TOY13 THARNNESS STANDALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



**ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.**

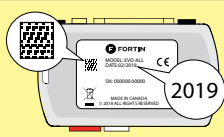


VEHICLE

YEARS

Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Immobilizer bypass	T-Harness (Sold separately)	Lock	Unlock	Arm	Disarm	Parking Lights	Tachometer	Autolight	Trunk Release	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring**
TOYOTA																	
RAV4	Hybrid Push-to-Start 2021	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



**COMPATIBLE MODULE REQUIRED:**

**QR CODE ON THE LABEL**  
MANUFACTURED AFTER: 2019

FIRMWARE VERSION  
**79.[69]**  
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

**A12**

Unlock before trunk release

**D6**

Push-to-Start

**IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:  
SI LE VÉHICULE N'EST PAS ÉQUIPÉ**

**A11**

**OFF**

Hood trigger (Output Status).



**Program bypass option (Vehicle hybrid only):**

UNIT OPTION

DESCRIPTION

**D4**

Hybrid mode (Vehicle hybrid only)

## NOTES



The vehicles OEM remote and SmartKey are still operable during remote start.

## NO KEY TAKEOVER

### 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

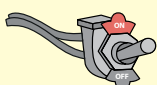
1x **FLASH LINK MOBILE**  
 1x **FLASH LINK MOBILE APP**  
 Smartphone Android or iOS with Internet connection (provider charges may apply).

**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**

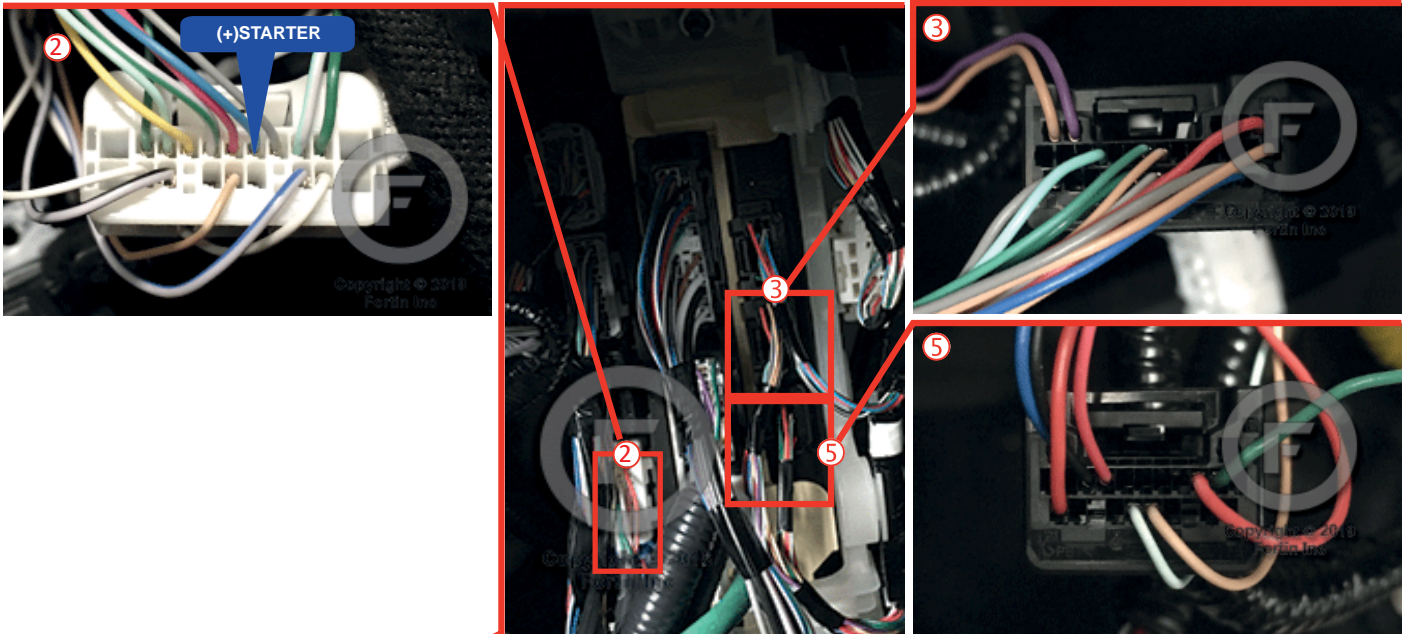


**REMOTE STARTER**  
DÉMARREUR À DISTANCE

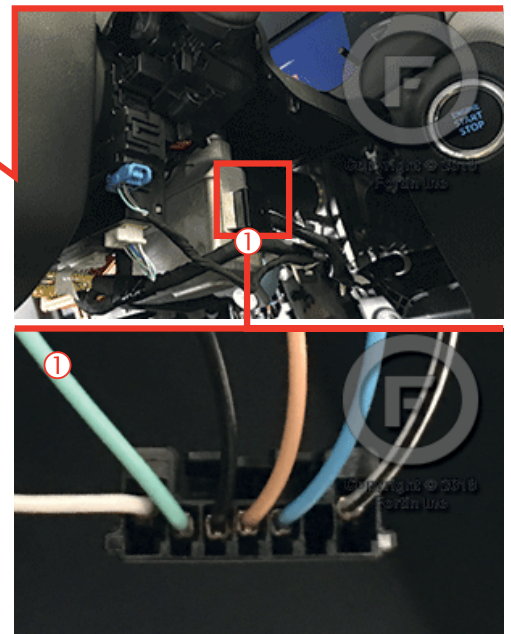
THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

DESCRIPTION

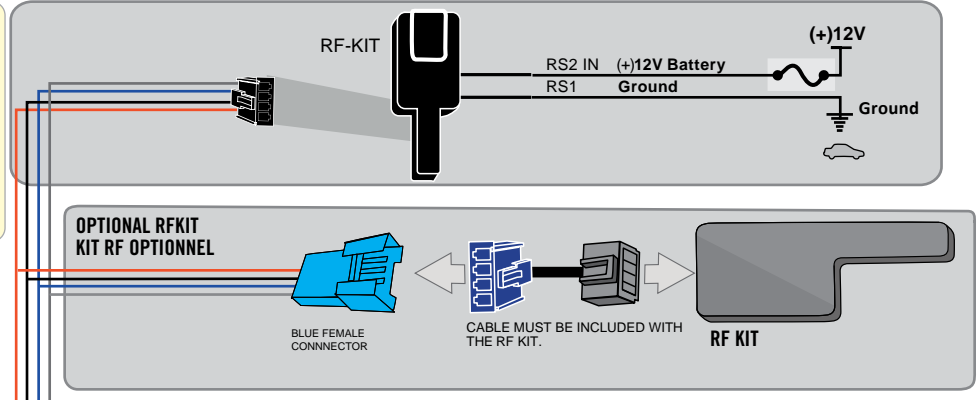
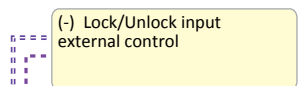
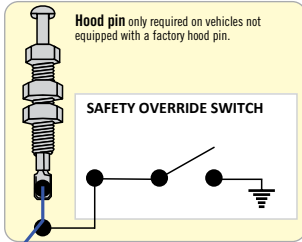
② ③ ⑤ ECU, Driver's side



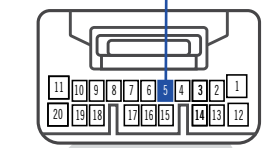
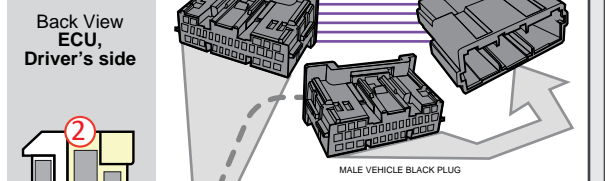
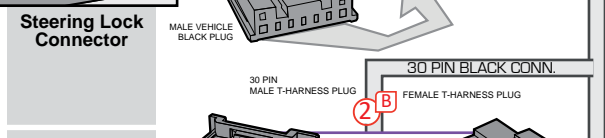
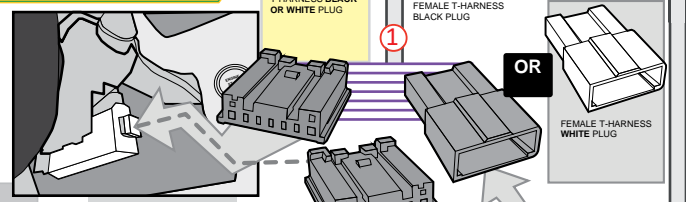
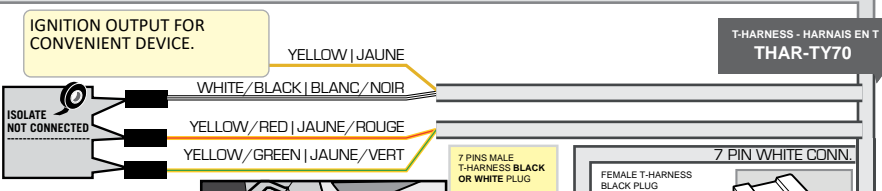
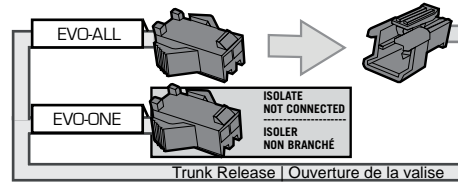
① At Steering Column



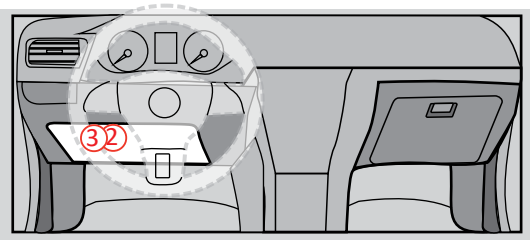
THAR-TOY13 | WIRING CONNECTION AUTOMATIC TRANSMISSION



YELLOW	In	A1
PURPLE	In	A2
PURPLE/WHITE	In	A3
GREEN	Out	A4
WHITE	Out	A5
ORANGE	In	A6
ORANGE/BLACK	In	A7
Hood pin	In	A8
Red/BLUE	In	A9
Lt.BLUE/BLACK	In	A10
BLACK	Out	A11
PINK	Out	A12
YELLOW/BLACK	In	A13
BROWN/WHITE	Out	A14
PINK/BLACK	Out	A15
(+)STARTER	PURPLE/YELLOW	A16
GREEN/WHITE	Out	A17
GREEN/RED	Out	A18
WHITE/BLACK	Out	A19
Lt.BLUE	Out	A20



③ Back view 20-Pin - white Connector junction connector, left side of fuse box





**DCRYPTOR PROGRAMMING PROCEDURE**



Parts required (not included)

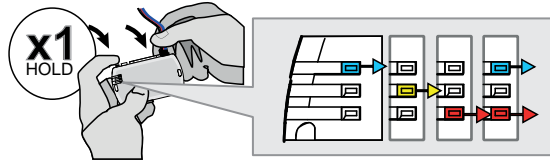
- 1x **FLASH LINK UPDATER,**
- 1x **FLASH LINK MANAGER**  
SOFTWARE | PROGRAMME
- 1x Microsoft Windows Computer with Internet connection

OR

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

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

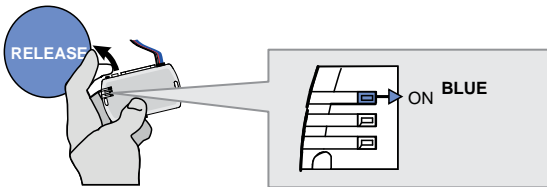
1



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

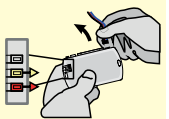
↳ The BLUE, RED, YELLOW and BLUE & RED LEDs will alternatively illuminate.

2

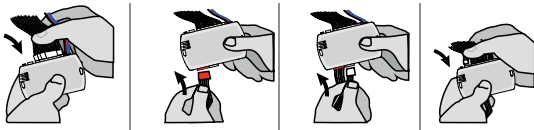


**Release** the programming button when the LED is BLUE.

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

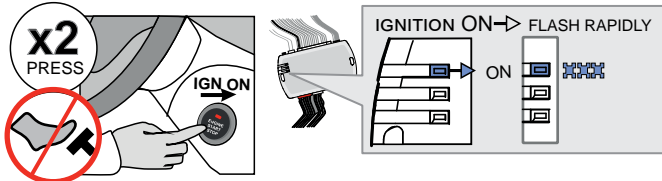


3



**Insert** the required remaining connectors.

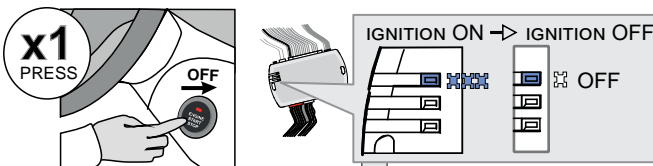
4



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

↳ Wait for the BLUE LED to flash rapidly and constantly.

5



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

↳ The BLUE LED will turn off.

→ ALTERNATE

↳ If the RED and YELLOW LEDs alternate:  
**GO STEP 6** at Dcryptor process.

CONTINUED NEXT PAGE

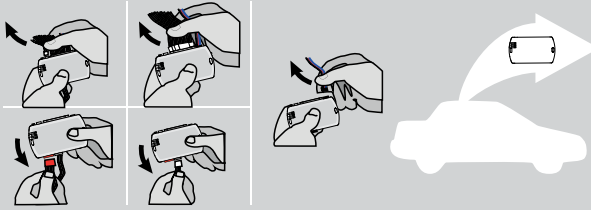
→ OFF

↳ If the LEDS turn OFF:  
The module is now programmed.



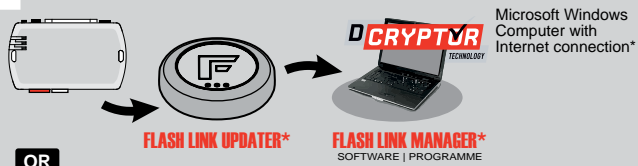
KEY BYPASS PROGRAMMING PROCEDURE 2/2

6



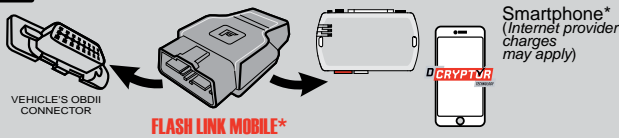
Disconnect all the connectors and after the Data-Link (4-pins) connector.

7



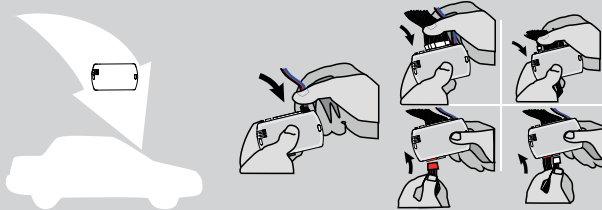
Use the tool: FLASH LINK UPDATER or FLASH LINK MOBILE to visit the DCryptor menu.

OR



\*Parts required (not included)

8



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.

<p>START</p>  <p>All doors must be closed.</p> <p><b>Remote start</b> the vehicle.</p>	<p>UNLOCK</p>  <p><b>Unlock</b> the doors with either:</p> <ul style="list-style-type: none"><li>• The OEM remote</li><li>• The remote-starter remote</li><li>• Or the proximity remote</li></ul>	<p>OFF</p>  <p><i>The module will shut down the vehicle as soon as the drivers door is opened.</i></p>	 <p><b>Enter</b> the vehicle with the Smart-Key.</p>	 <p><b>Press</b> the brake pedal.</p>	 <p><b>Press</b> the Push-to-Start button to start the vehicle.</p>	 <p><i>The vehicle can now be put in to gear and driven.</i></p>
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