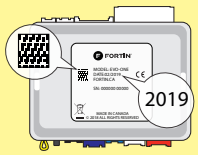
THAR-ONE-TOY5 THARNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

VEHICLE		YEARS	Vehicle functions supported in this diagram (functional if equipped) | Transponder Bypass	T-harness Harnais en T	Lock	Unlock	Arm	Disarm	Parking Lights	Tachometer	Autolight Off	Door Status	Trunk Status	Hand-Brake Status	Foot-Brake Status	OEM remote Monitoring	R.S. OEM remote Stand Alone compatible
TOYOTA																	
Highlander	H-KEY	2014-2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



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

FIRMWARE VERSION **79.[59]** TOYOTA/LEXUS MINIMUM

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

Program bypass option IF THE VEHICLE IS NOT EQUIPED WITH FUNCTIONNAL HOOD PIN:

UNIT OPTION		DESCRIPTION
A11	OFF	Hood trigger (Output Status).

Program bypass option:

UNIT OPTION	DESCRIPTION
C1	OEM Remote status (Lock/Unlock) monitoring
D5	Lock after start

Program remote starter option:

FUNCTION	MODE	DESCRIPTION
2	4	(+) Start 2 (E1) (+) Ignition 2 (E2)

Program remote starter option for R.S. OEM REMOTE STAND ALONE:

FUNCTION	MODE	DESCRIPTION
38	2	Enable Press 3x Lock to remote start with the OEM remote.

MANDATORY INSTALL

* **HOOD PIN**

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

A11 OFF

SECURITY STICKER

Included

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

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

NOTES

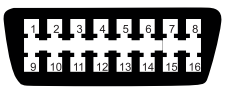
(-)POWER LIFT GATE

Program remote starter option:	FUNCTION	MODE	DESCRIPTION
	34	2	TRUNK OUTPUT. Pulse 2.5 Seconds.
	34	3	Trunk output : Unlock before trunk pulse 0.5 sec
	34	4	Trunk output : trunk on Ignition only

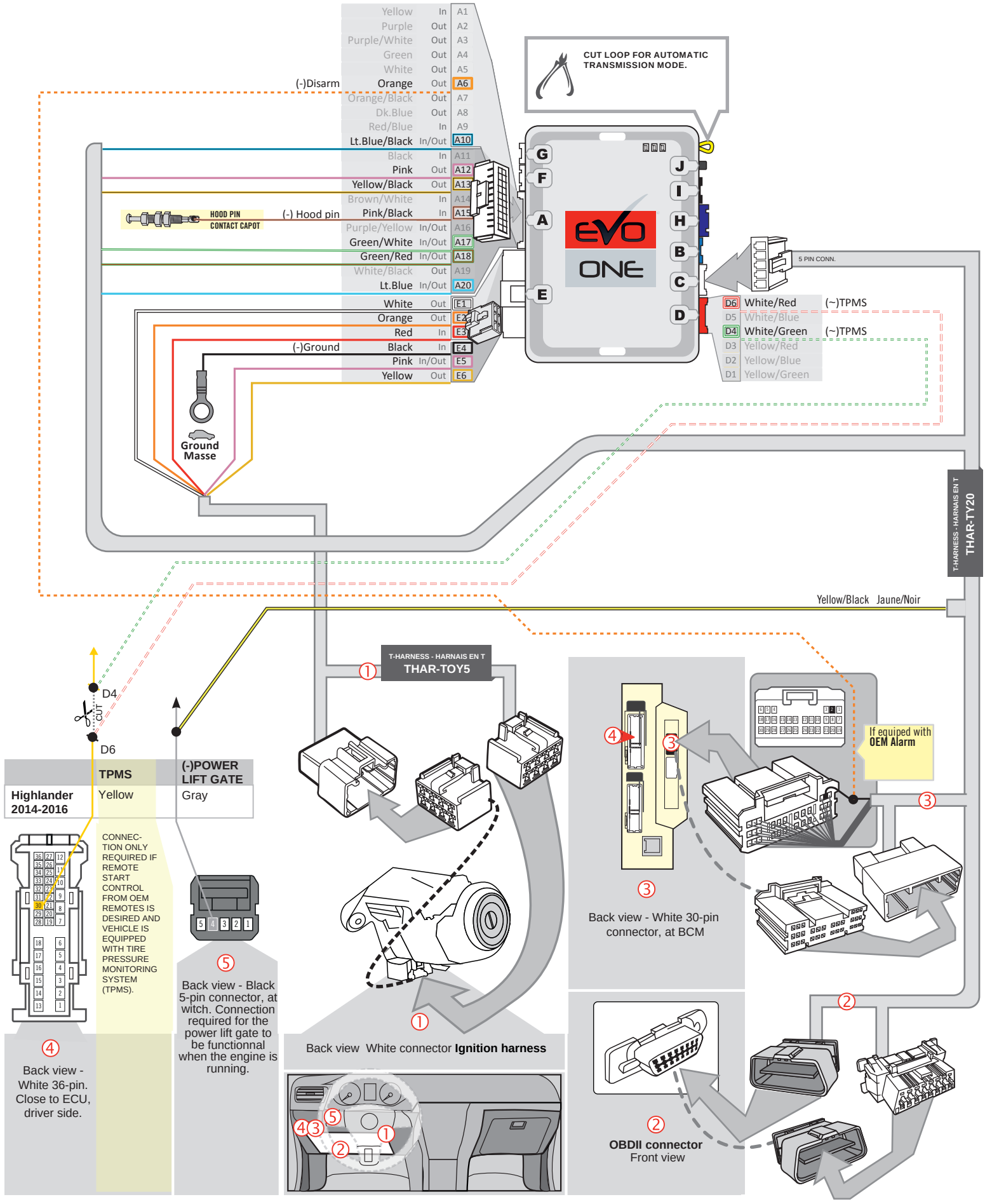
REMOTE STARTER FIRMWARE VERSION

1.[16]

TOYOTA/LEXUS MINIMUM



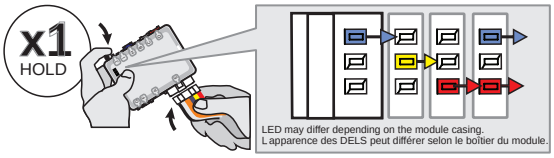
WIRING CONNECTION |



KEY BYPASS PROGRAMMING PROCEDURE |

Do not use the grey key.

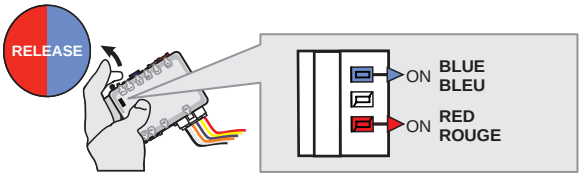
1



Press and hold the programming button:
Insert the 6-Pin Main connector.

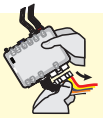
↳***The LEDs will alternate between BLUE, RED,YELLOW & BLUE/RED flashes.***

2



Release the programming button when the LED's are RED and BLUE.

*If the LED's are not solid BLUE and RED **disconnect** the 6-Pin connector (Main-Harness) and go back to step 1.*



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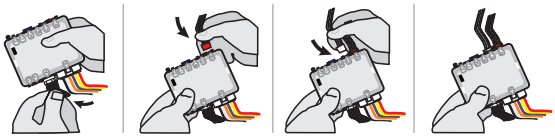
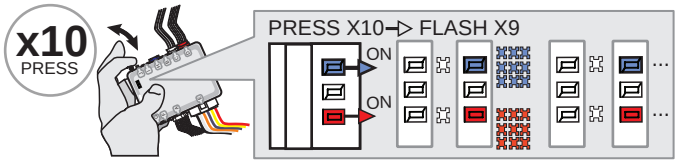


Insert the required remaining connectors.

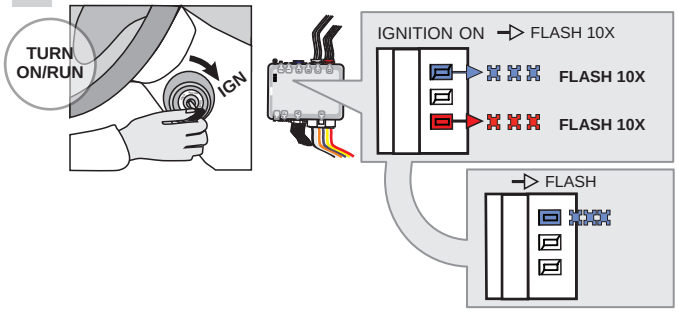
4



Press and **release** the programming button ten (10x) times.

↳ ***The RED and BLUE LED's will alternate between 9 flashes and a pause.***

5

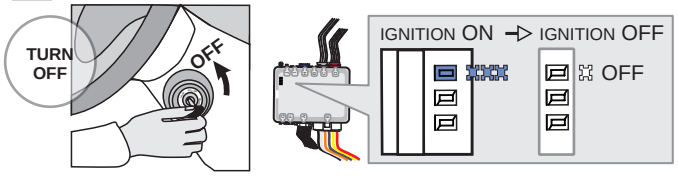


Turn the Ignition to the ON/RUN position.

↳***The RED and BLUE LED's will flash rapidly 10x times.***
Key bypass programmed.

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

6



Turn the Ignition to the OFF position.

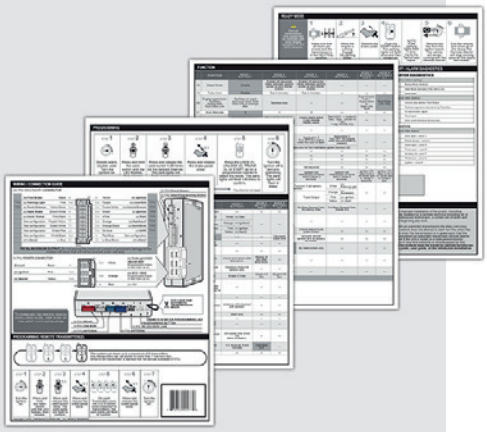
↳***The BLUE LED will turn off.***

The module is now programmed.

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

REMOTE STARTER PROGRAMMING PROCEDURE |

REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.



THAR-ONE-TOY5 THARNESS

ADDENDUM - SUGGESTED WIRING CONFIGURATION

Vehicle functions supported in this diagram (functional if equipped)

Vehicle	Modele	Years	Transponder Bypass	T-harness	Lock	Unlock	Arm	Disarm	Parking lights	Tachometer	Autolight Off	Power Lift gate	Door Status	Trunk Status	Hand-Brake Status	Foot-Brake Status	OEM Remote Monitoring	R.S. OEM remote Stand Alone compatible
TOYOTA																		
Highlander	H-KEY	2017-2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

HARDWARE VERSION

MINIMUM **2**

BYPASS FIRMWARE VERSION

79.[66]

TOYOTA/LEXUS/SUBARU MINIMUM

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

Program bypass option
IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:

UNIT OPTION		DESCRIPTION
A11	OFF	Hood trigger (Output Status).

Program bypass option:

UNIT OPTION	DESCRIPTION
C1	OEM Remote status (Lock/Unlock) monitoring
D5	Lock after start

MANDATORY INSTALL

* **HOOD PIN**

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

A11 OFF

SECURITY STICKER

Included

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

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

NOTES

		FUNCTION	MODE	DESCRIPTION
	Program remote starter option:	**2**	**4**	(+) Start 2 (E1)
				(+) Ignition 2 (E2)

		FUNCTION	MODE	DESCRIPTION
	Program remote starter option for R.S. OEM REMOTE STAND ALONE:	**38**	**2**	Enable Press 3x Lock to remote start with the OEM remote.

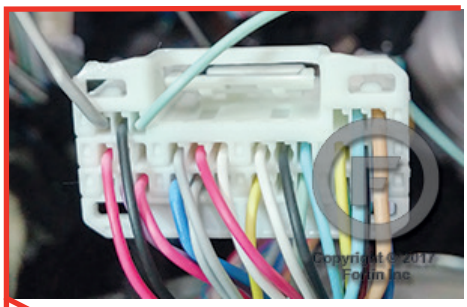
(-)POWER LIFT GATE

		FUNCTION	MODE	DESCRIPTION
	Program remote starter option:	**34**	**2**	TRUNK OUTPUT. Pulse 2.5 Seconds.
		34	**3**	Trunk output : Unlock before trunk pulse 0.5 sec
		34	**4**	Trunk output : trunk on Ignition only

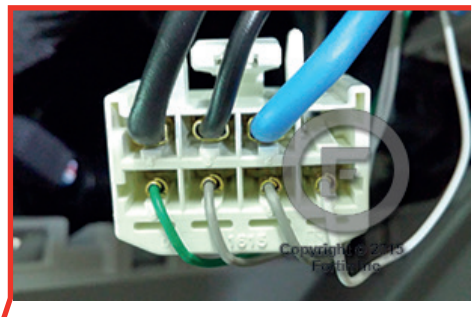
DESCRIPTION | DESCRIPTION

TPMS : CONNECTION ONLY REQUIRED IF REMOTE START CONTROL FROM OEM REMOTES IS DESIRED AND VEHICLE IS EQUIPPED WITH TIRE PRESSURE MONITORING SYSTEM (TPMS).

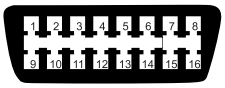
① At BCM



③ Ignition switch



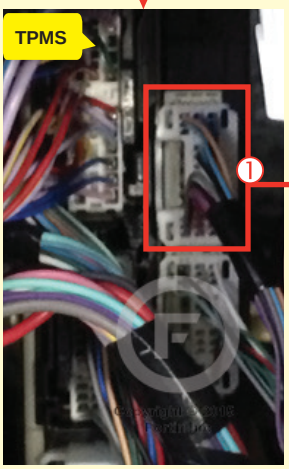
② OBD-II connector
Connecteur OBD-II



WITHOUT
SANS

SEE PAGE 4

⑤ At BCM

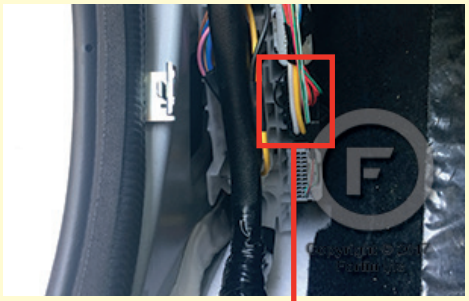


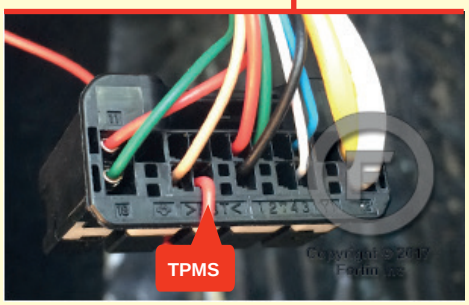
OR
OU

08/2018 AND BELOW
AVANT 08/2018
WITH

⑤ Driver kick panel

SEE PAGE 5



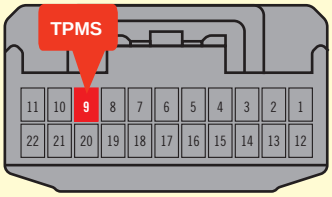


OR
OU

09/2018 AND LATER
09/2018 ET PLUS
WITH

⑤ Driver kick panel

SEE PAGE 6



WITHOUT START-STOP

	Yellow	In	A1
	Purple	Out	A2
	Purple/White	Out	A3
	Green	Out	A4
	White	Out	A5
(-)Disarm	Orange	Out	A6
	Orange/Black	Out	A7
	Dk.Blue	Out	A8
	Red/Blue	In	A9
	Lt.Blue/Black	In/Out	A10
	Black	In	A11
	Pink	Out	A12
	Yellow/Black	Out	A13
	Brown/White	In	A14
(-) Hood pin	Pink/Black	In	A15
	Purple/Yellow	In/Out	A16
	Green/White	In/Out	A17
	Green/Red	In/Out	A18
	White/Black	Out	A19
	Lt.Blue	In/Out	A20
	White	Out	E1
	Orange	Out	E2
	Red	In	E3
(-)Ground	Black	In	E4
	Pink	In/Out	E5
	Yellow	Out	E6

HOOD PIN
CONTACT CAPOT

CUT LOOP FOR AUTOMATIC TRANSMISSION MODE.

5 PIN CONN.

D6	White/Red	(~)TPMS
D5	White/Blue	
D4	White/Green	(~)TPMS
D3	Yellow/Red	
D2	Yellow/Blue	
D1	Yellow/Green	

Ground
Masse

T-HARNESS - HARNAIS EN T
THAR-TY20

Yellow/Black Jaune/Noir

D4
CUT
D6

	TPMS	(-)POWER LIFT GATE
Highlander 2017	Yellow	Gray

T-HARNESS - HARNAIS EN T
THAR-TOY5

If equiped with OEM Alarm

CONNEC-TION ONLY REQUIRED IF REMOTE START CONTROL FROM OEM REMOTES IS DESIRED AND VEHICLE IS EQUIPPED WITH TIRE PRESSURE MONITORING SYSTEM (TPMS).

⑤ Back view - White 36-pin. Close to ECU, driver side.

④ Back view - Black 5-pin connector, at witch.

CONNECTION REQUIRED FOR THE POWER LIFT GATE TO BE FUNCTIONNAL WHEN THE ENGINE IS RUNNING.

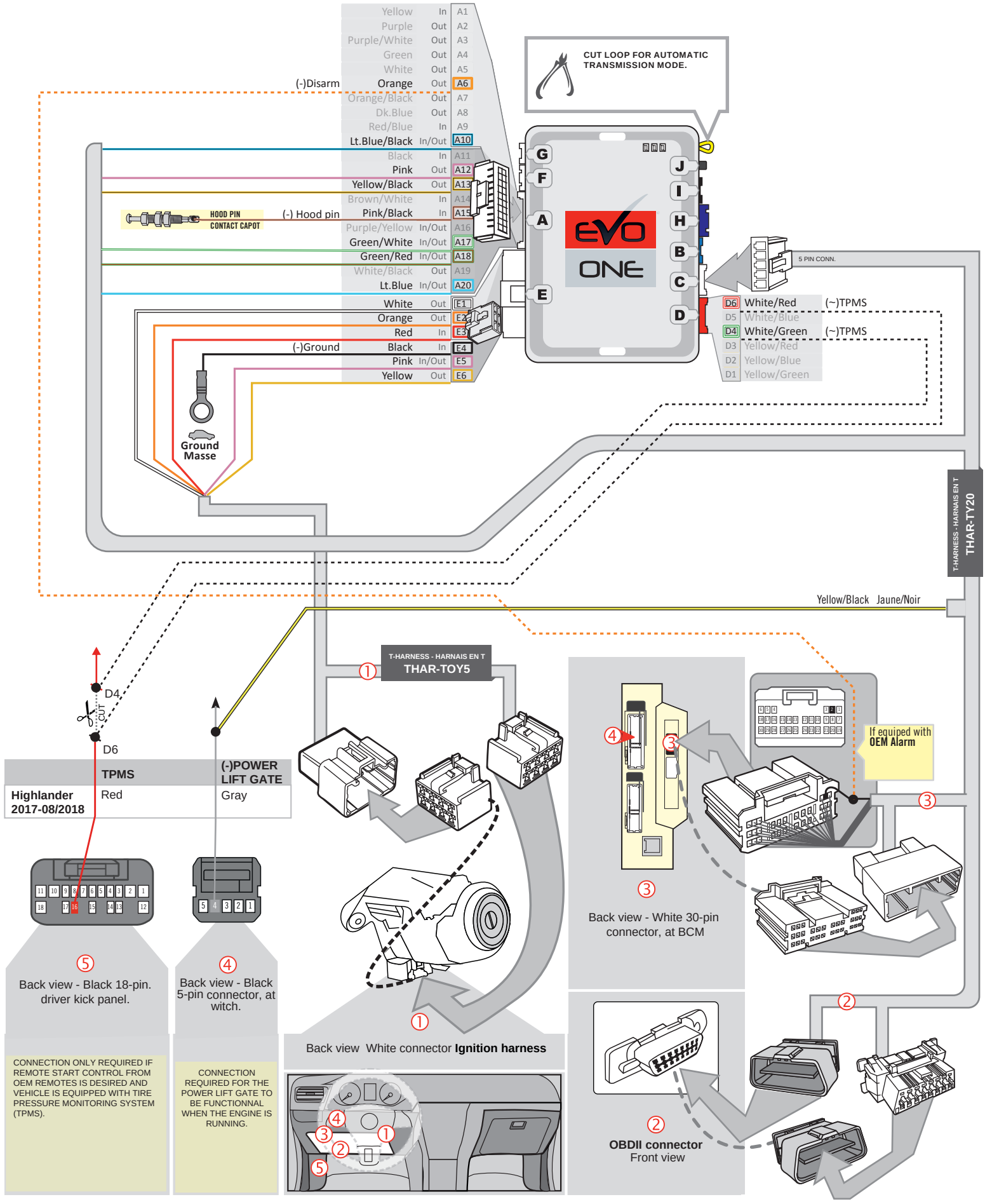
① Back view White connector **Ignition harness**

③ Back view - White 30-pin connector, at BCM

② **OBDII connector**
Front view

WIRING CONNECTION

WITH AUTOMATIC START-STOP BUTTON BEFORE 08/2018



WITH AUTOMATIC START-STOP BUTTON AFTER 09/2018

	Yellow	In	A1
	Purple	Out	A2
	Purple/White	Out	A3
	Green	Out	A4
	White	Out	A5
(-)Disarm	Orange	Out	A6
	Orange/Black	Out	A7
	Dk.Blue	Out	A8
	Red/Blue	In	A9
	Lt.Blue/Black	In/Out	A10
	Black	In	A11
	Pink	Out	A12
	Yellow/Black	Out	A13
	Brown/White	In	A14
(-) Hood pin	Pink/Black	In	A15
	Purple/Yellow	In/Out	A16
	Green/White	In/Out	A17
	Green/Red	In/Out	A18
	White/Black	Out	A19
	Lt.Blue	In/Out	A20
	White	Out	E1
	Orange	Out	E2
	Red	In	E3
(-)Ground	Black	In	E4
	Pink	In/Out	E5
	Yellow	Out	E6

HOOD PIN
CONTACT CAPOT

CUT LOOP FOR AUTOMATIC TRANSMISSION MODE.

G F A E J I H B C D

evo ONE

5 PIN CONN.

D6	White/Red	(~)TPMS
D5	White/Blue	
D4	White/Green	(~)TPMS
D3	Yellow/Red	
D2	Yellow/Blue	
D1	Yellow/Green	

Ground
Masse

T-HARNESS - HARNAIS EN T
THAR-TY20

Yellow/Black Jaune/Noir

D4
CUT
D6

	TPMS	(-)POWER LIFT GATE
Highlander 09/2018 +	Red Rouge	Gray

T-HARNESS - HARNAIS EN T
THAR-TOY5

If equiped with OEM Alarm

⑤ Back view - Gray 22-pin. driver kick panel.

CONNECTION ONLY REQUIRED IF REMOTE START CONTROL FROM OEM REMOTES IS DESIRED AND VEHICLE IS EQUIPPED WITH TIRE PRESSURE MONITORING SYSTEM (TPMS).

④ Back view - Black 5-pin connector, at witch.

CONNECTION REQUIRED FOR THE POWER LIFT GATE TO BE FUNCTIONNAL WHEN THE ENGINE IS RUNNING.

① Back view White connector **Ignition harness**

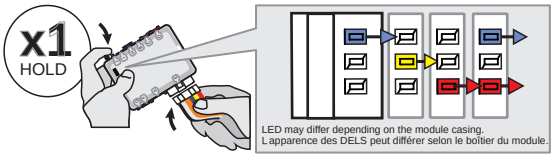
③ Back view - White 30-pin connector, at BCM

② **OBDII connector**
Front view

KEY BYPASS PROGRAMMING PROCEDURE

Do not use the grey key.

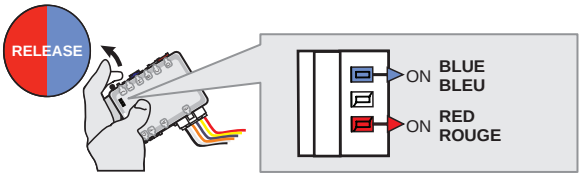
1



Press and hold the programming button:
Insert the 6-Pin Main connector.

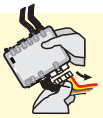
↳***The LEDs will alternate between BLUE, RED,YELLOW & BLUE/RED flashes.***

2

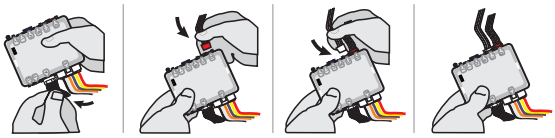


Release the programming button when the LED's are RED and BLUE.

*If the LED's are not solid BLUE and RED **disconnect** the 6-Pin connector (Main-Harness) and go back to step 1.*

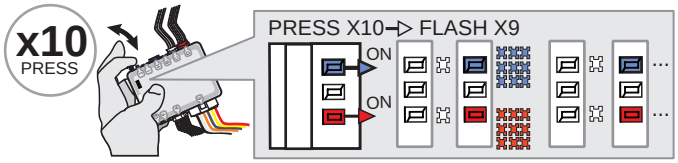


3



Insert the required remaining connectors.

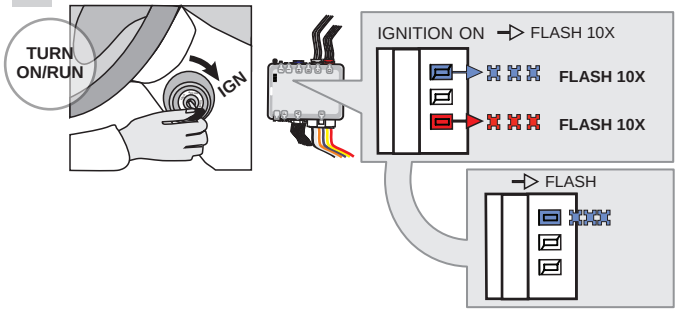
4



Press and **release** the programming button ten (10x) times.

↳ ***The RED and BLUE LED's will alternate between 9 flashes and a pause.***

5

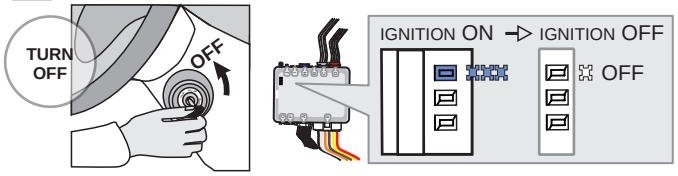


Turn the Ignition to the ON/RUN position.

↳***The RED and BLUE LED's will flash rapidly 10x times.***
Key bypass programmed.

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

6



Turn the Ignition to the OFF position.

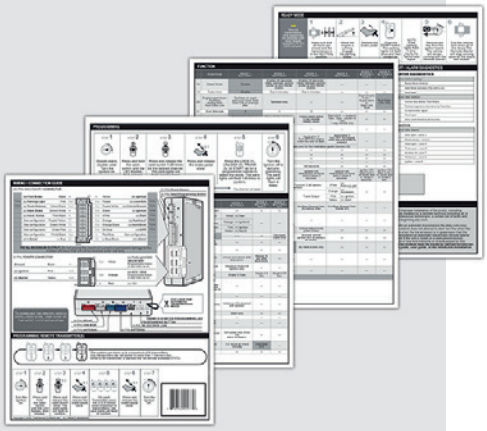
↳***The BLUE LED will turn off.***

The module is now programmed.

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

REMOTE STARTER PROGRAMMING PROCEDURE

REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.

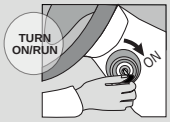


REMOTE STARTER FUNCTIONALITY

All doors must be closed.

Remote start the vehicle.

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



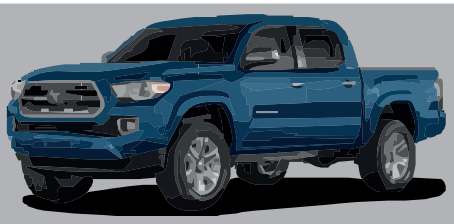
Insert and **Turn** the key to the Ignition ON/RUN position.

Press the brake pedal.

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

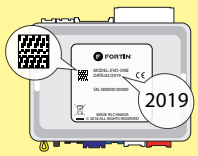
THAR-ONE-TOY5 THARNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



Vehicle functions supported in this diagram (functional if equipped)

VEHICLE		YEARS	Transponder Bypass	T-harness Harnais en T	Lock	Unlock	Arm	Disarm	Parking Lights	Autolight Off	Tachometer	Door Status	Hand-Brake Status	Foot-Brake Status	OEM remote Monitoring	R.S. OEM remote Stand Alone compatible
TOYOTA																
Tacoma	H-KEY	2016-2021	•	•	•	•	•	•	•	•	•	•	•	•	•	•



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

FIRMWARE VERSION **79.[66]** TOYOTA/LEXUS MINIMUM

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

Program bypass option IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:

UNIT OPTION		DESCRIPTION
A11	OFF	Hood trigger (Output Status).

Program bypass option:

UNIT OPTION	DESCRIPTION
C1	OEM Remote status (Lock/Unlock) monitoring
D5	Lock after start

Program remote starter option:

FUNCTION	MODE	DESCRIPTION
2	4	(+) Start 2 (E1) (+) Ignition 2 (E2)

Program remote starter option for R.S. OEM REMOTE STAND ALONE:

FUNCTION	MODE	DESCRIPTION
38	2	Enable Press 3x Lock to remote start with the OEM remote.

MANDATORY INSTALL

*** HOOD PIN**

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

A11 OFF NON

SECURITY STICKER

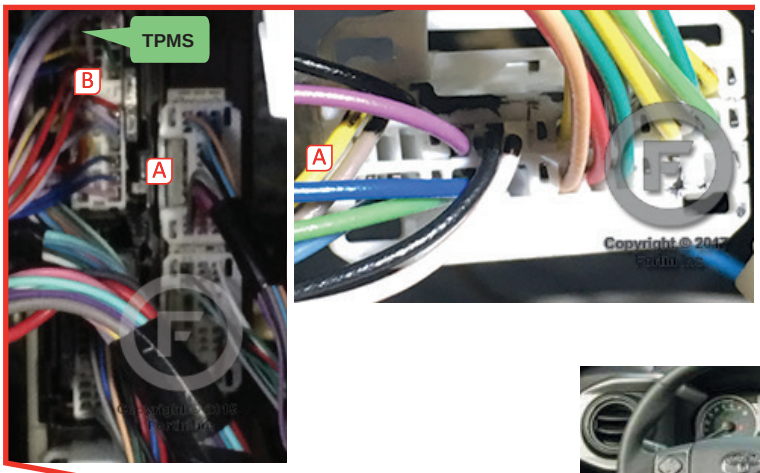
Included

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

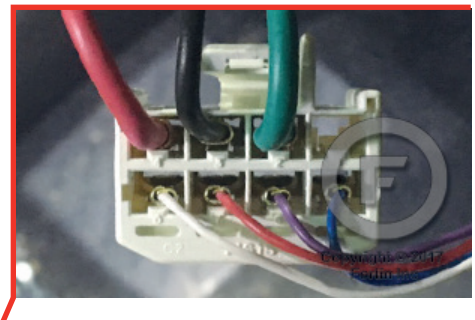
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

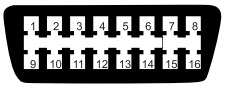
① At BCM



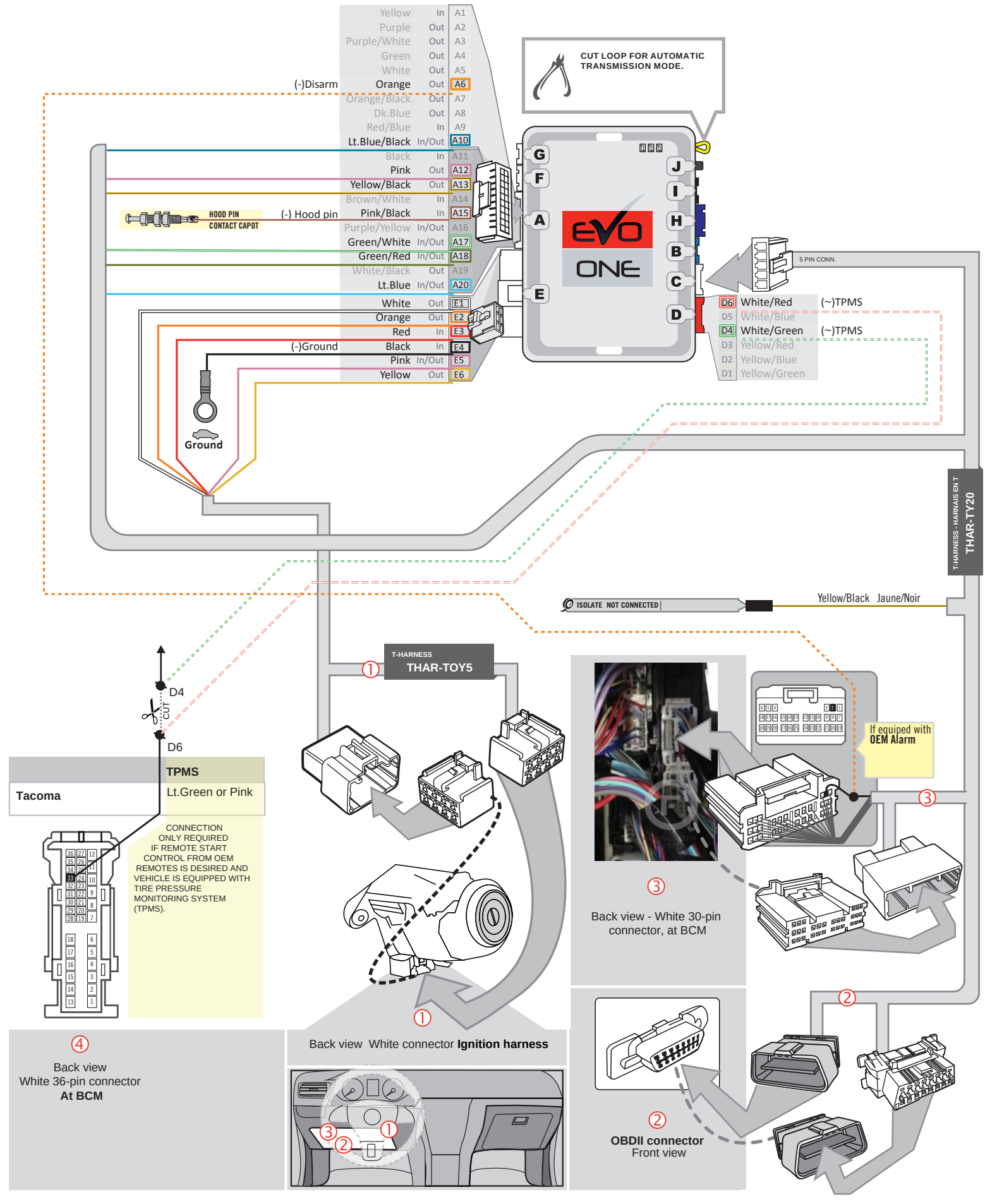
③ Ignition switch



② OBD-II connector



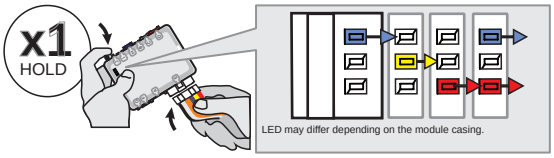
WIRING CONNECTION



KEY BYPASS PROGRAMMING PROCEDURE

Do not use the grey key.

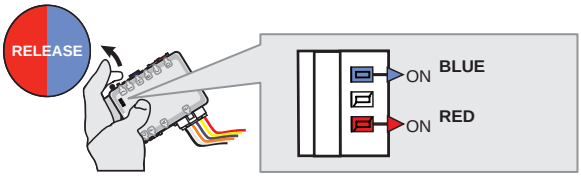
1



Press and hold the programming button:
Insert the 6-Pin Main connector.

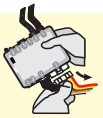
↳***The LEDs will alternate between BLUE, RED,YELLOW & BLUE/RED flashes.***

2

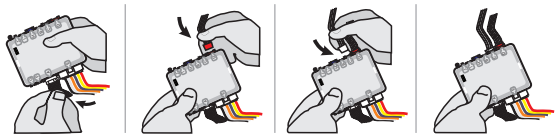


Release the programming button when the LED's are RED and BLUE.

*If the LED's are not solid BLUE and RED **disconnect** the 6-Pin connector (Main-Harness) and go back to step 1.*

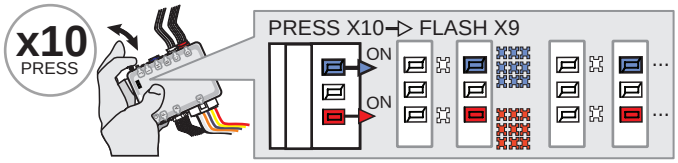


3



Insert the required remaining connectors.

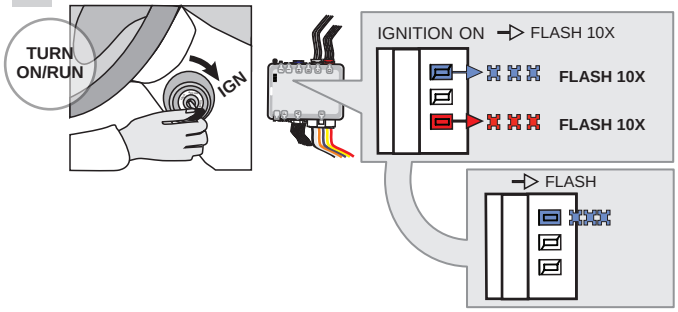
4



Press and **release** the programming button ten (10x) times.

↳ ***The RED and BLUE LED's will alternate between 9 flashes and a pause.***

5

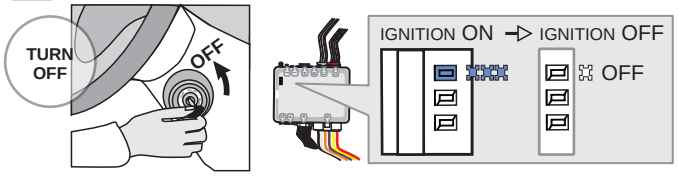


Turn the Ignition to the ON/RUN position.

↳***The RED and BLUE LED's will flash rapidly 10x times.***
Key bypass programmed.

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

6



Turn the Ignition to the OFF position.

↳***The BLUE LED will turn off.***

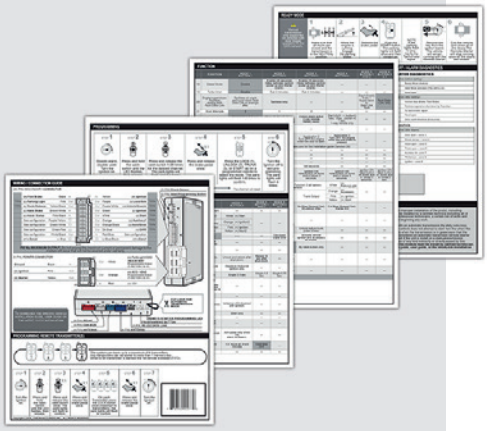
The module is now programmed.

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

FORTIN

REMOTE STARTER PROGRAMMING PROCEDURE

REFER TO THE **QUICK INSTALL GUIDE** INCLUDED WITH THE MODULE FOR THE REMOTE STARTER PROGRAMMING.

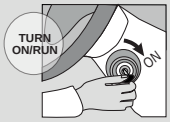


REMOTE STARTER FUNCTIONALITY |

All doors must be closed.

Remote start the vehicle.

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



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

Press the brake pedal.

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

If you're looking for quality car alarms & remote start, visit our website.