THAR-ONE-TOY10 THARNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

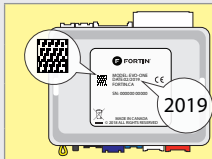## Vehicle functions supported in this diagram (functional if equipped) |

VEHICLE	YEARS	Transponder Bypass	T-harness Harnais en T	Lock	Unlock	Arm	Disarm	Parking Lights	Trunk (open)	Tachometer	Autolight Off	Door Status	Trunk Status	Hand-Brake Status	Foot-Brake Status	OEM remote Monitoring	R.S. OEM remote Stand Alone compatible
TOYOTA																	
Tundra	2020-2021	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

COMPATIBLE MODULE REQUIRED:	QR CODE ON THE LABEL MANUFACTURED AFTER: **2019** CODE QR SUR	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:	UNIT OPTION	DESCRIPTION
	C1	OEM Remote status (Lock/Unlock) monitoring
	D5	Lock after start

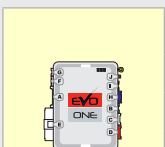| Program bypass option IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	UNIT OPTION		DESCRIPTION
	A11	**OFF**	Hood trigger (Output Status).

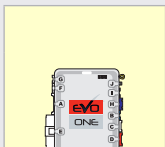| Program remote starter option:	FUNCTION	MODE	DESCRIPTION
	2	**4**	(+) Start 2 (E1)
			(+) Ignition 2 (E2)

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

⚠ **WARNING ATTENTION** Included

Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.
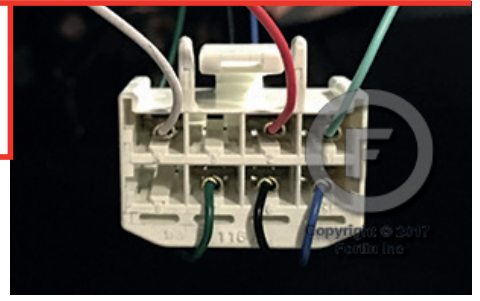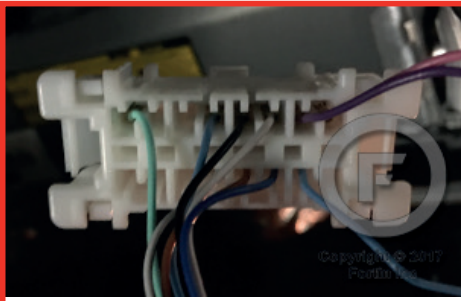
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.
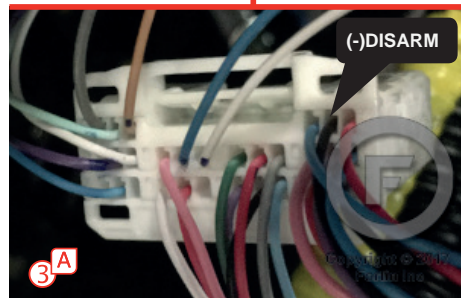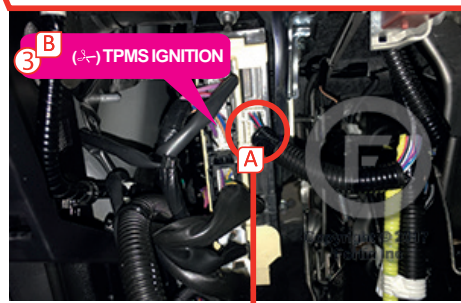
DESCRIPTION |
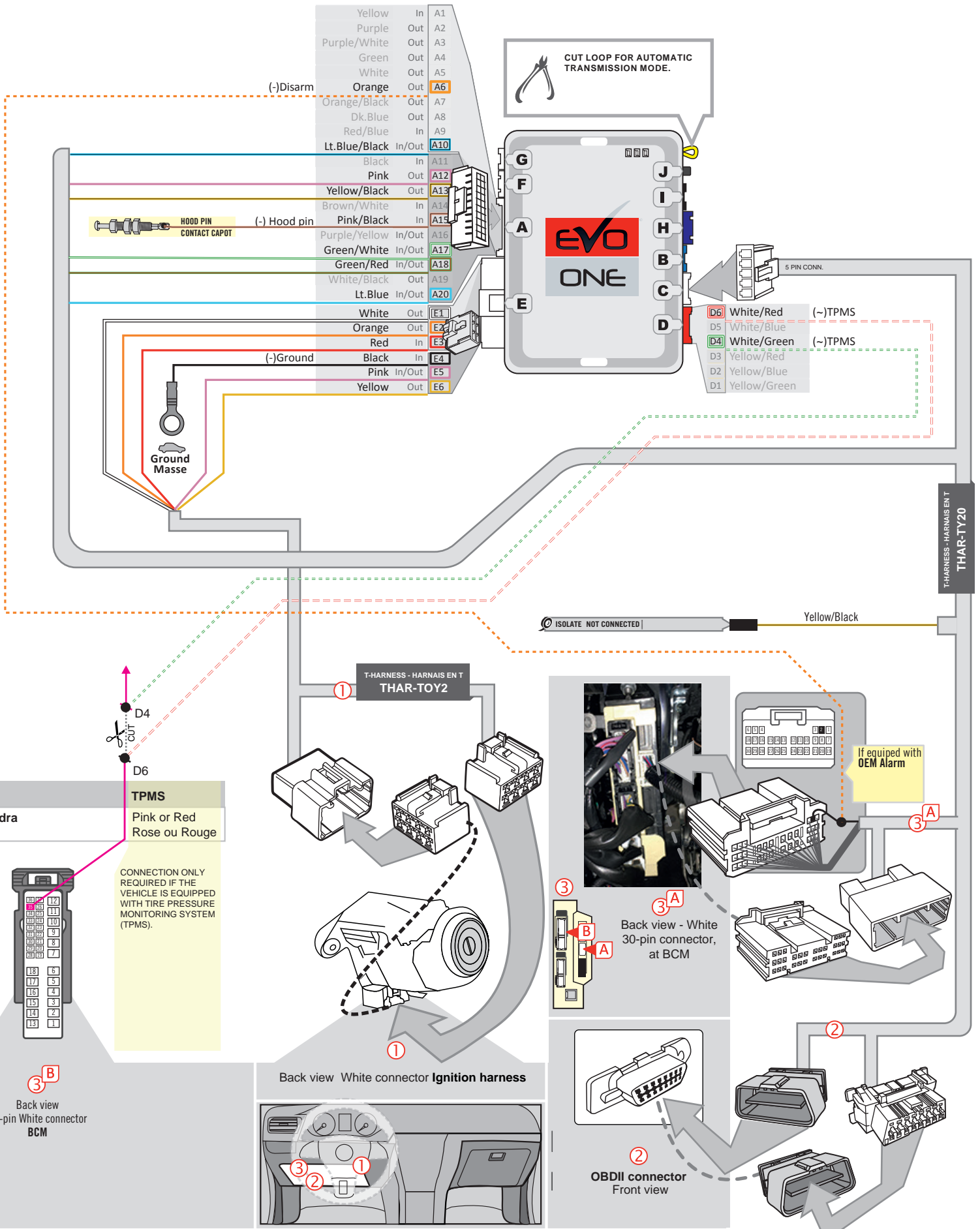
② OBD-II connector

Under steering column

① Ignition connector

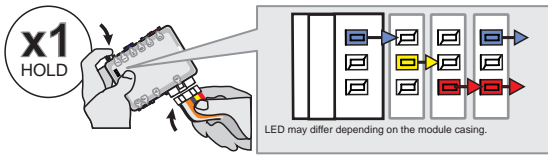③ BCM

③B (🔧) TPMS IGNITION

A

(-)DISARM

③A

WIRING CONNECTION |

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

Ground Masse

CUT LOOP FOR AUTOMATIC TRANSMISSION MODE.

EVO ONE

G
F
A
B
E

J
I
H
C
D

5 PIN CONN.

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

T-HARNESS - HARNAIS EN T
THAR-TY20

ISOLATE NOT CONNECTED   Yellow/Black

**T-HARNESS - HARNAIS EN T
THAR-TOY2**

If equiped with **OEM Alarm**

③ A

D4
CUT
D6

	TPMS
Tundra	Pink or Red Rose ou Rouge

CONNECTION ONLY REQUIRED IF THE VEHICLE IS EQUIPPED WITH TIRE PRESSURE MONITORING SYSTEM (TPMS).

③ A

③ A

Back view - White 30-pin connector, at BCM

③ B

Back view
36-pin White connector
BCM

Back view White connector **Ignition harness**

① ③ ②

② **OBDII connector**
Front view

KEY BYPASS PROGRAMMING PROCEDURE |

1

x1
HOLD

LED may differ depending on the module casing.

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

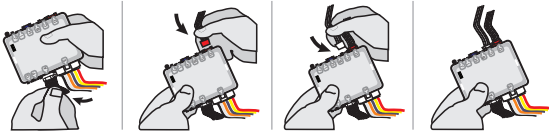↳*The LEDs will alternate between BLUE, RED, YELLOW & BLUE/RED flashes.*

2

RELEASE

ON **BLUE BLEU**
ON **RED ROUGE**

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.*
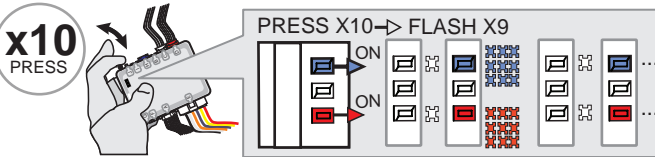
3

Insert the required remaining connectors.
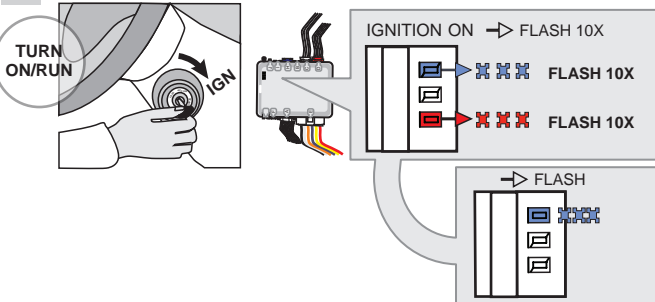
4

x10
PRESS

PRESS X10 ▷ FLASH X9
ON
ON

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 ON/RUN

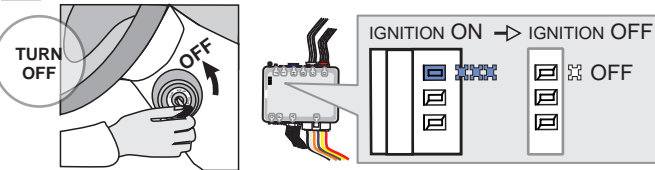IGN

IGNITION ON ▷ FLASH 10X
FLASH 10X
FLASH 10X

▷ FLASH

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 OFF

OFF

IGNITION ON ▷ IGNITION OFF
OFF

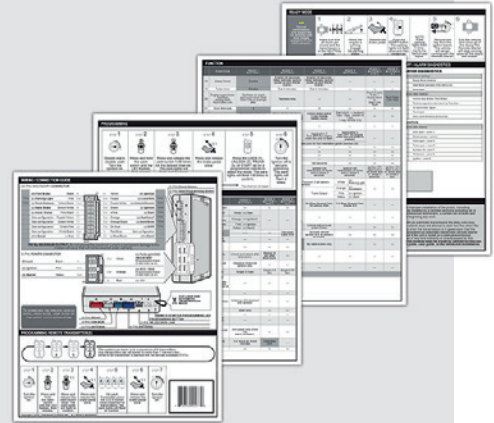**Turn** the Ignition to the OFF position.

↳*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.
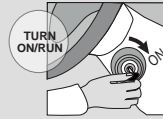
REMOTE STARTER FUNCTIONALITY

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-TOY10 THARNESS INSTALLATION

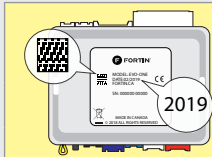### ADDENDUM - SUGGESTED WIRING CONFIGURATION

Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Transponder Bypass	T-harness	Lock	Unlock	Arm	Disarm	Parking Lights	Trunk (open)	Tachometer	Autolight Off	Door Status	Trunk Status	Hand-Brake Status	Foot-Brake Status	OEM remote Monitoring	R.S. OEM remote Stand Alone compatible
TOYOTA																	
Sequoia	2018-2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

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.

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	**A11**	**OFF**	Hood trigger (Output Status).

	UNIT OPTION	DESCRIPTION
Program bypass option:	**C1**	OEM Remote status (Lock/Unlock) monitoring
	D5	Lock after start

	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.

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

⚠ WARNING — Included

Notice: the installation of safety elements are mandatory. The hood pin and the sticker are essential security elements and must be installed.
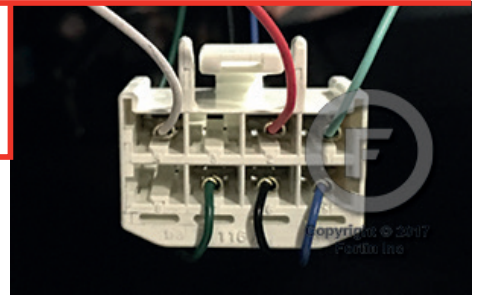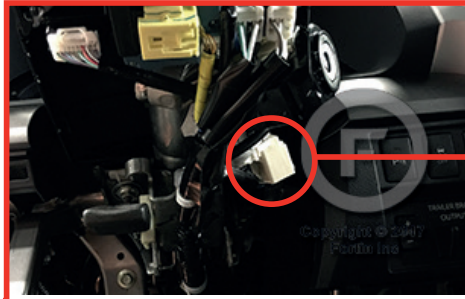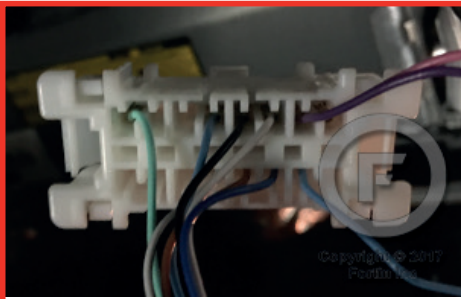
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.
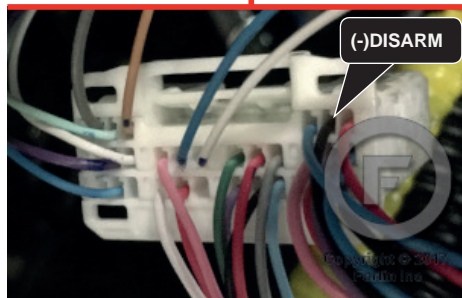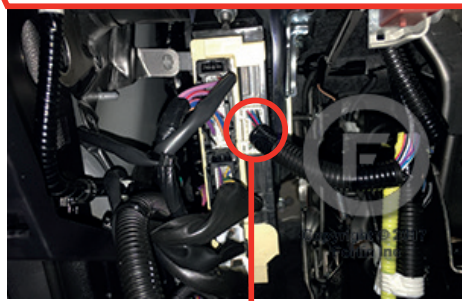
DESCRIPTION

② OBD-II connector

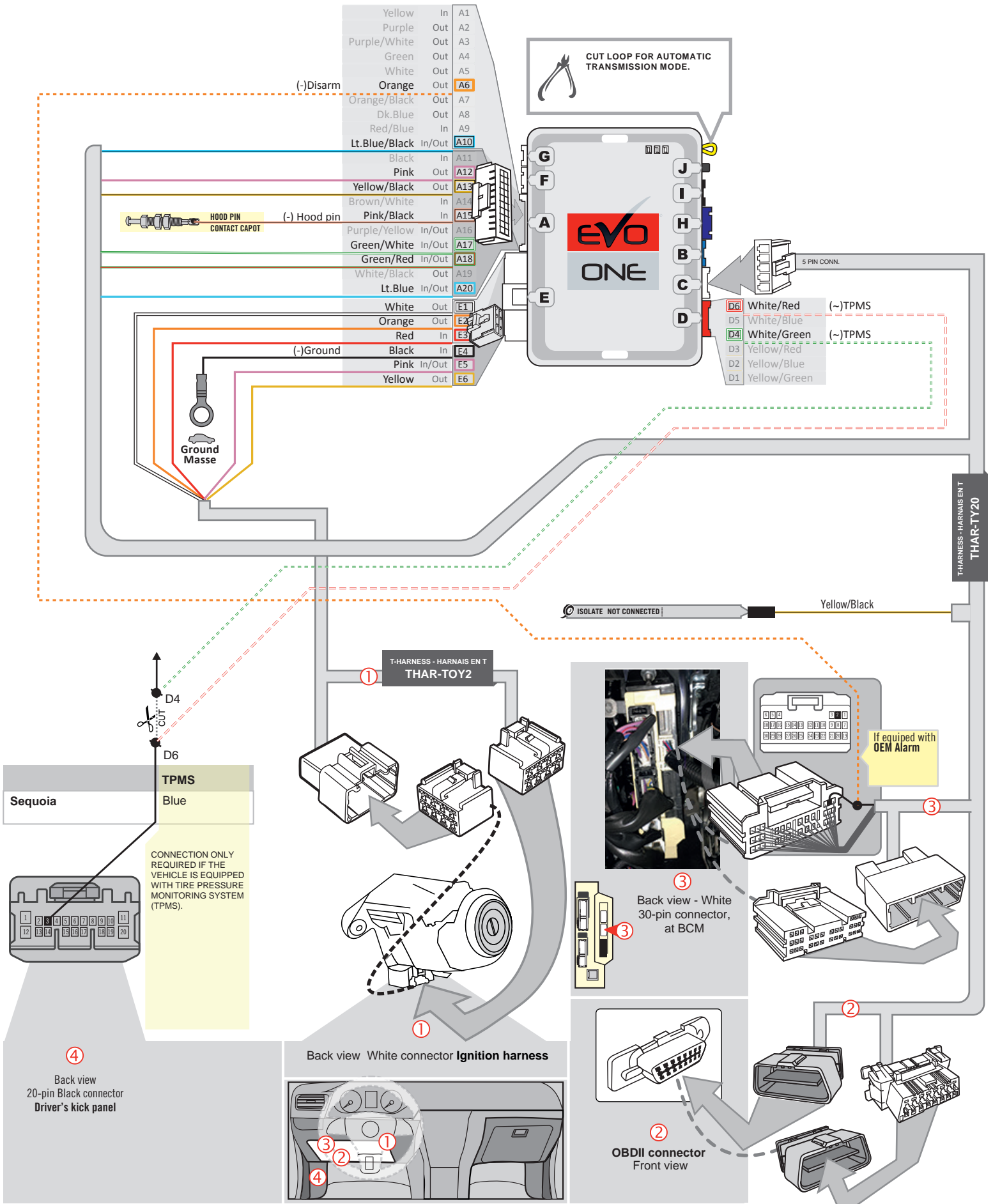Under steering column

① Ignition connector

④ Driver kick panel

③ BCM

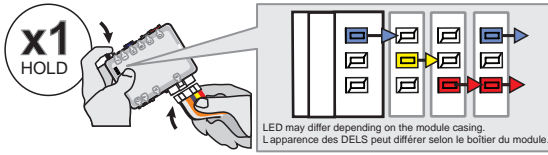(-)DISARM

(-)TPMS IGNITION

WIRING CONNECTION

Color	Direction	Pin
Yellow	In	A1
Purple	Out	A2
Purple/White	Out	A3
Green	Out	A4
White	Out	A5
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
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
Black	In	E4
Pink	In/Out	E5
Yellow	Out	E6

(-)Disarm — Orange A6

(-) Hood pin — Pink/Black A15

HOOD PIN CONTACT CAPOT

(-)Ground — Black E4

Ground Masse

CUT LOOP FOR AUTOMATIC TRANSMISSION MODE.

EVO ONE

Connectors: G, F, A, B, E, J, I, H, C, D

5 PIN CONN.

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

T-HARNESS - HARNAIS EN T **THAR-TY20**

ISOLATE NOT CONNECTED — Yellow/Black

If equiped with **OEM Alarm**

③

T-HARNESS - HARNAIS EN T **THAR-TOY2**

①

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

	TPMS
Sequoia	Blue

D4 CUT D6

CONNECTION ONLY REQUIRED IF THE VEHICLE IS EQUIPPED WITH TIRE PRESSURE MONITORING SYSTEM (TPMS).

④ Back view 20-pin Black connector **Driver's kick panel**

① Back view White connector **Ignition harness**

② OBDII connector Front view

KEY BYPASS PROGRAMMING PROCEDURE

1

x1 HOLD

LED may differ depending on the module casing.
L'apparence des DELS peut différer selon le boîtier du module.

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

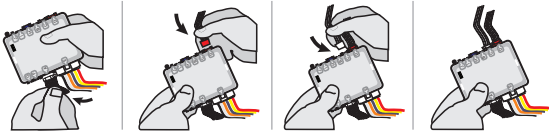↳ *The LEDs will alternate between BLUE, RED,YELLOW & BLUE/RED flashes.*

2

RELEASE

ON **BLUE BLEU**
ON **RED ROUGE**

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
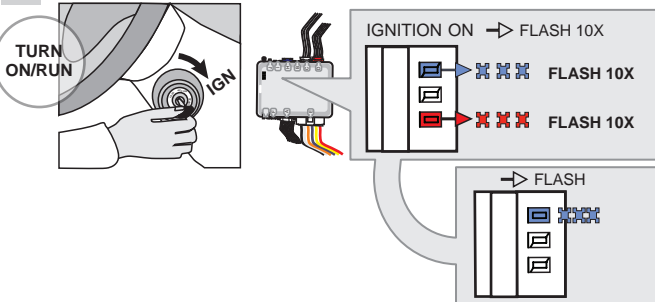
Insert the required remaining connectors.

4

x10 PRESS

PRESS X10 ▷ FLASH X9

ON
ON

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 ON/RUN

IGN

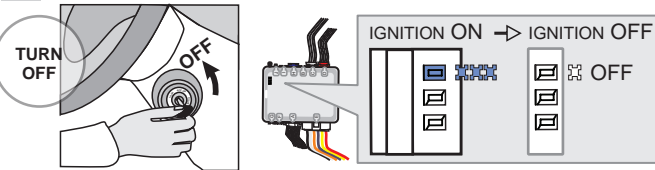IGNITION ON ▷ FLASH 10X

FLASH 10X
FLASH 10X

▷ FLASH

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 OFF

OFF

IGNITION ON ▷ IGNITION OFF

OFF

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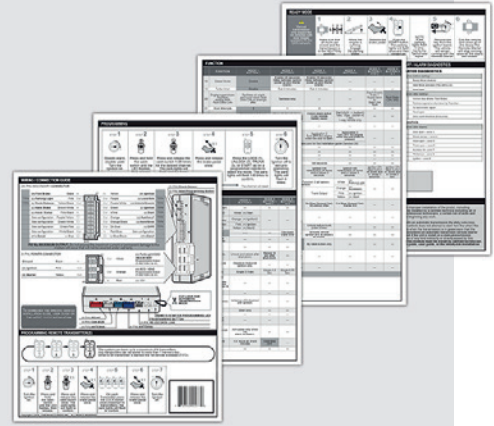
↳ *The BLUE LED will turn off.*

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.
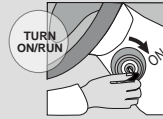
REMOTE STARTER FUNCTIONALITY

| 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-TOY10 THARNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

Vehicle functions supported in this diagram (functional if equipped)

VEHICLE	YEARS	Transponder Bypass	T-harness	Lock	Unlock	Arm	Disarm	Parking Lights	Trunk (open)	Tachometer	Autolight Off	Door Status	Trunk Status	Hand-Brake Status	Foot-Brake Status	OEM remote Monitoring	R.S. OEM remote Stand Alone compatible
TOYOTA																	
Tundra	2018-2019	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

HARDWARE VERSION	BYPASS FIRMWARE VERSION	
MINIMUM **2**	**79.[54]** TOYOTA/LEXUS/SUBARU MINIMUM	To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

	UNIT OPTION	DESCRIPTION
Program bypass option:	**C1**	OEM Remote status (Lock/Unlock) monitoring
	D5	Lock after start

	UNIT OPTION		DESCRIPTION
Program bypass option **IF THE VEHICLE IS NOT EQUIPED WITH FUNCTIONNAL HOOD PIN:**	**A11**	**OFF**	Hood trigger (Output Status).

	FUNCTION	MODE	DESCRIPTION
Program remote starter option:	**2**	**4**	(+) Start 2 (E1)
			(+) Ignition 2 (E2)
Program remote starter option for R.S. OEM REMOTE STAND ALONE:	**38**	**2**	Enable Press 3x Lock to remote start with the OEM remote.

MANDATORY INSTALL

*HOOD PIN

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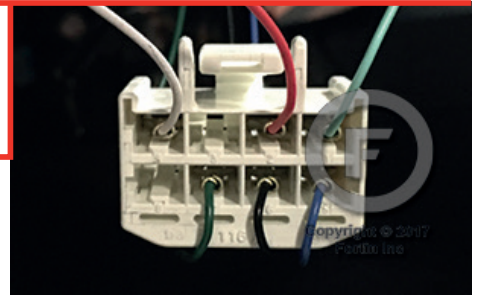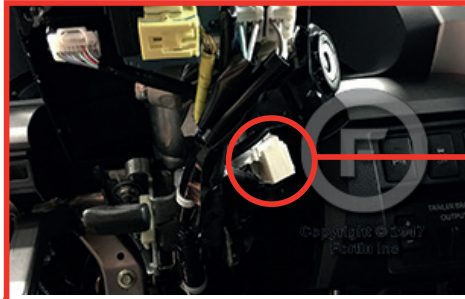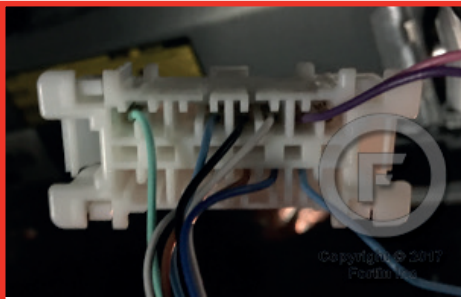
A11 **OFF**

SECURITY STICKER

⚠ **WARNING** Included

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

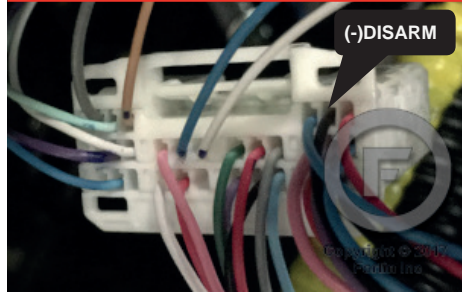THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.
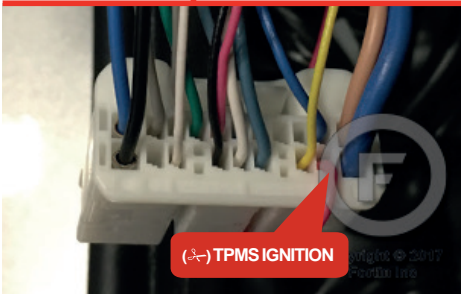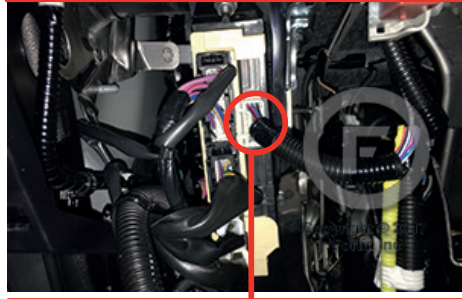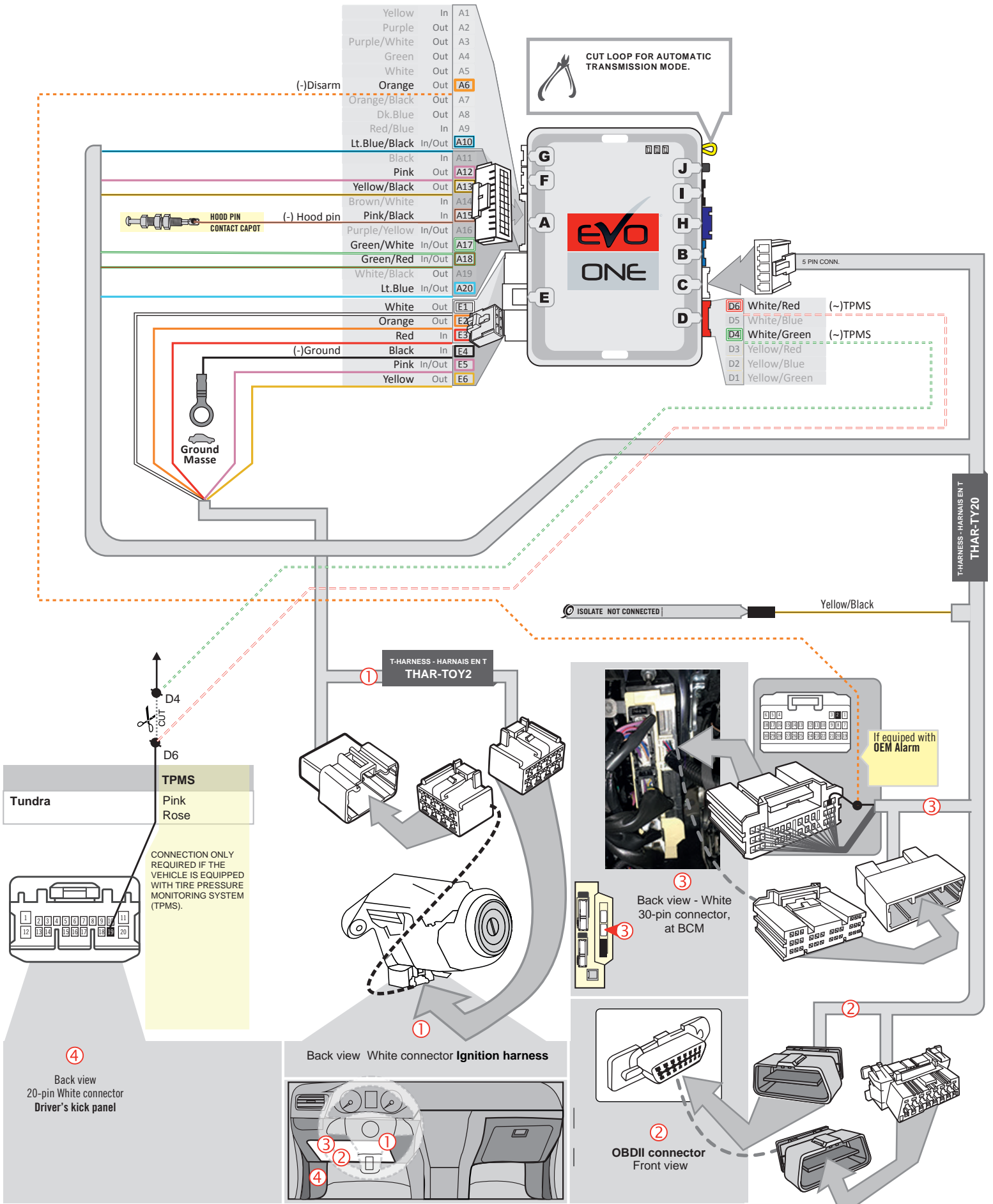
② OBD-II connector

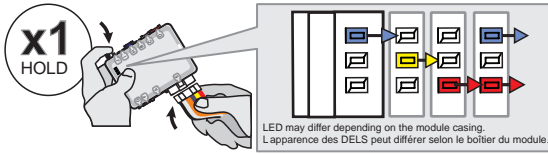Under steering column

① Ignition connector

④ Driver kick panel

(⟲) **TPMS IGNITION**

③ BCM

(-)DISARM

WIRING CONNECTION

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

Ground Masse

CUT LOOP FOR AUTOMATIC TRANSMISSION MODE.

EVO ONE

G	J
F	I
A	H
B	
C	
E	D

5 PIN CONN.

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

T-HARNESS - HARNAIS EN T
THAR-TY20

ISOLATE NOT CONNECTED — Yellow/Black

If equiped with **OEM Alarm**

T-HARNESS - HARNAIS EN T
THAR-TOY2

①

D4
CUT
D6

TPMS	
Tundra	Pink
	Rose

CONNECTION ONLY REQUIRED IF THE VEHICLE IS EQUIPPED WITH TIRE PRESSURE MONITORING SYSTEM (TPMS).

③

Back view - White 30-pin connector, at BCM

③

②

④
Back view
20-pin White connector
Driver's kick panel

Back view White connector **Ignition harness**

①

③ ②
④

OBDII connector
Front view

②

KEY BYPASS PROGRAMMING PROCEDURE

1

x1
HOLD

LED may differ depending on the module casing.
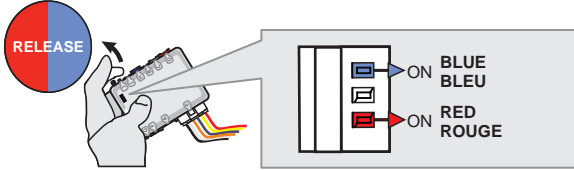L'apparence des DELS peut différer selon le boîtier du module.

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

↳ *The LEDs will alternate between BLUE, RED, YELLOW & BLUE/RED flashes.*
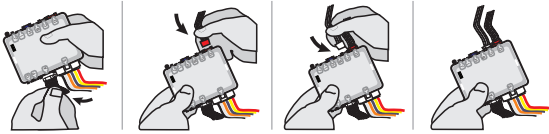
2

RELEASE

ON **BLUE BLEU**
ON **RED ROUGE**

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.

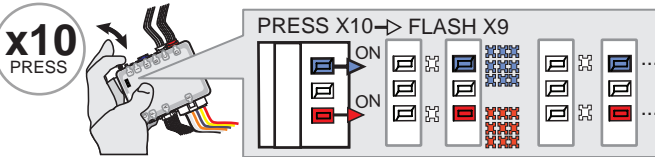**3**
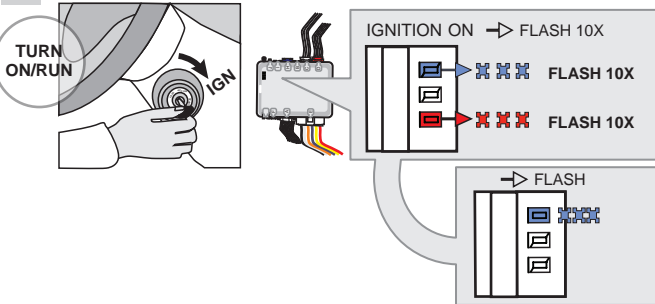
Insert the required remaining connectors.

4

x10
PRESS

PRESS X10 ▷ FLASH X9
ON
ON

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 ON/RUN
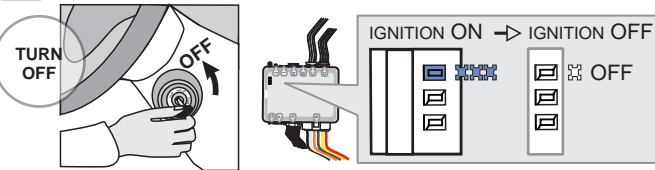IGN

IGNITION ON ▷ FLASH 10X
FLASH 10X
FLASH 10X

▷ FLASH

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 OFF
OFF

IGNITION ON ▷ IGNITION OFF
OFF

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.