

REGULAR INSTALLATION
T-HARNESS INSTALLATION

SUGGESTED WIRING CONFIGURATION



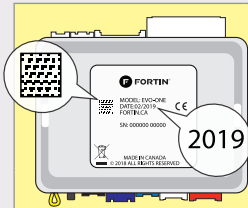
Vehicle functions supported in this diagram (functional if equipped)

VEHICLE

YEARS

TOYOTA

Hilux	Push-to-Start	2016 - 2020	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
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COMPATIBLE
MODULE
REQUIRED:

QR CODE
ON THE LABEL
MANUFACTURED
AFTER: 2019

FIRMWARE VERSION
To find firmware version 88.22
Please choose Hilux 2020

Select Year 2020

88.[22]

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

NOTES



The vehicles OEM remote operates during remote start.



Parts required when hard wiring (Not included)

2X 1 Amp. Diodes
1X 7.5 Amp. Fuse

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



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

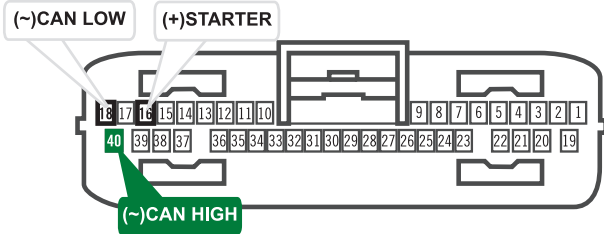
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION - Mandatory Remote Starter Programming functions

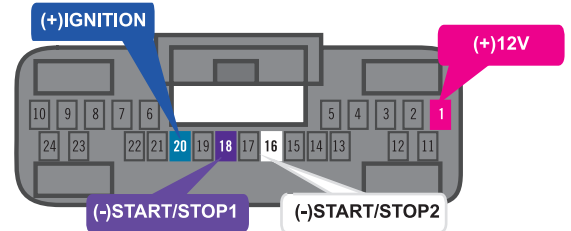
	Program remote starter option:		FUNCTION	MODE	DESCRIPTION
			8	2	Double 0.25 sec unlock pulse
			14	2	Alarm ON - Remote start ON
			6	2	Unlock before remote start - Lock after remote start
			38	5	Lock - Unlock - Lock

T-HARNESS CONNECTIONS

① Certification unit connectors, behind (above) the cluster



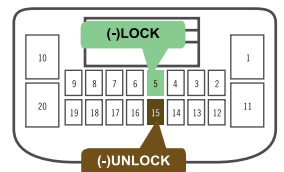
② Certification unit connectors, behind (above) the cluster



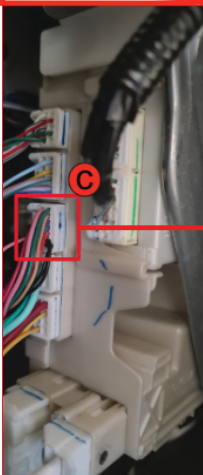
T-HARNESS



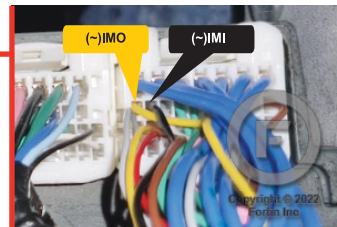
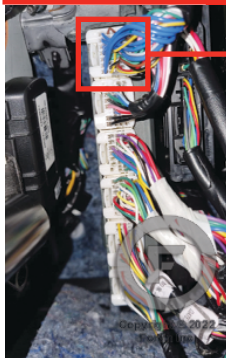
④ Central Locking Connections Behind drivers kick panel



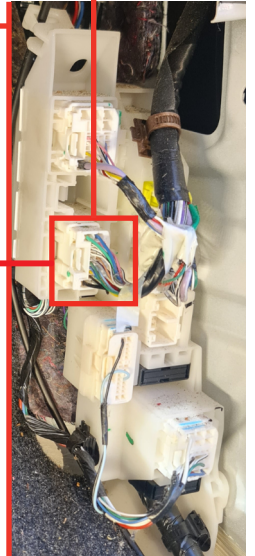
Body ECU, Passenger Side
Behind glove box, left side of ECM



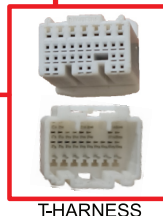
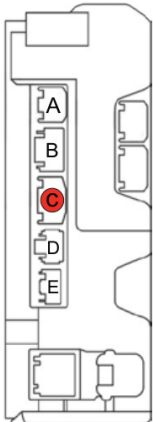
③ ECM, Passenger side
behind glove box



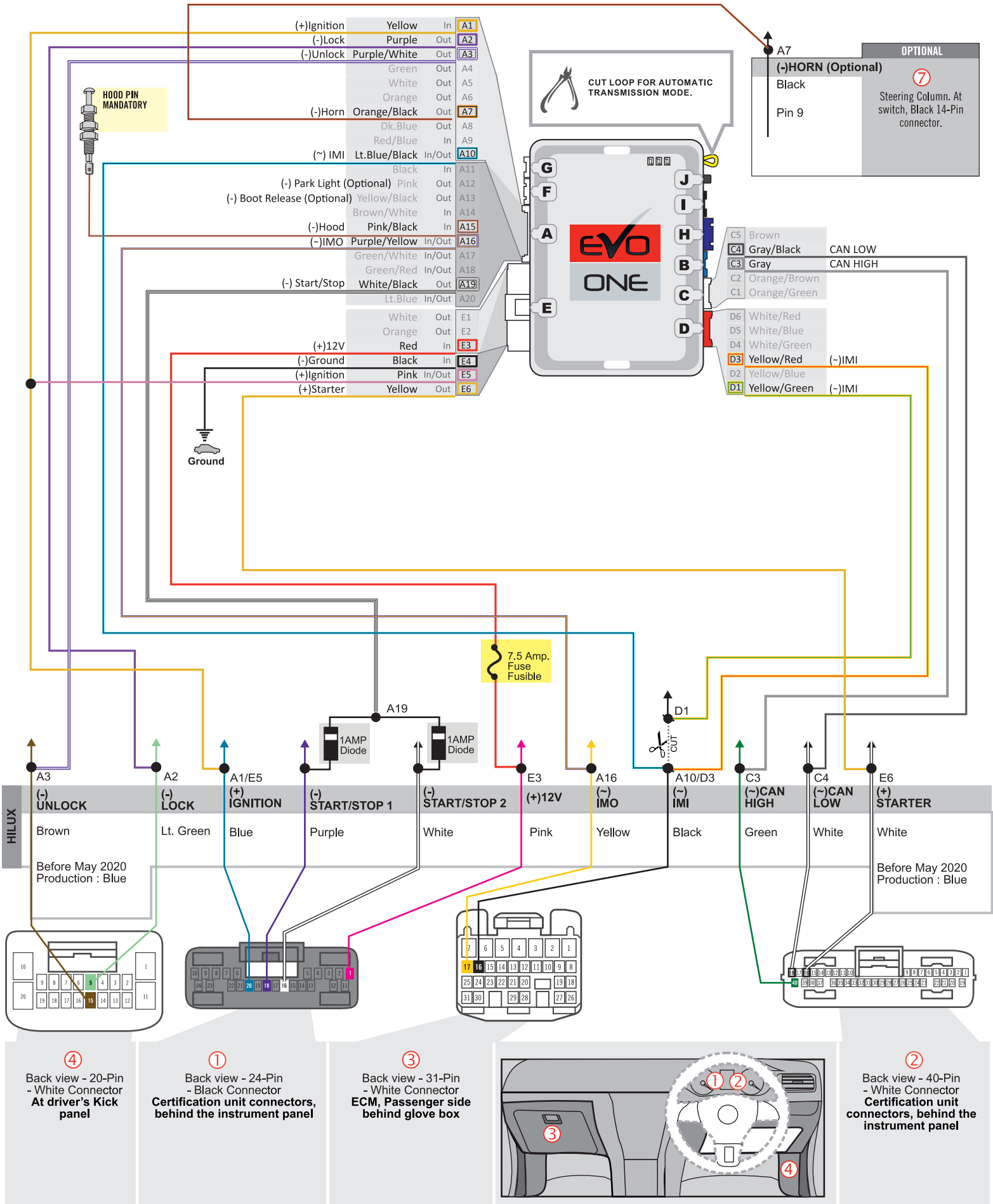
④



Body ECU
Behind Glovebox - Left Side



WIRING CONNECTION



DCRYPTOR PROGRAMMING PROCEDURE



Parts required (not included)

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

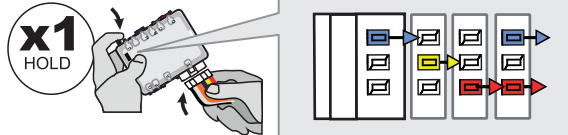
OR

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



BEFORE PROGRAMMING SET THE UNIT OPTIONS AND SAVE.

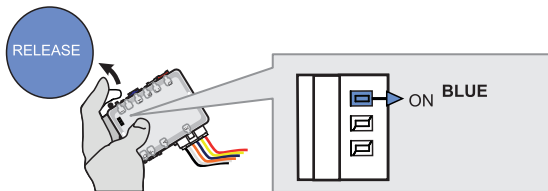
1



Press and hold the programming button:
Connect the 6-PIN Main harness (White connector).

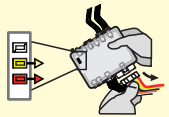
↳ The LEDs will alternate between **BLUE, RED, YELLOW** & **BLUE/RED** flashes.

2

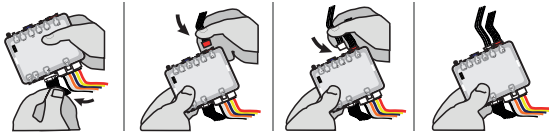


Release the programming button when the LED is **BLUE**.

If the **BLUE** LED is not **ON solid** **disconnect** the 6-Pin Main connector and **go back** to step 1.

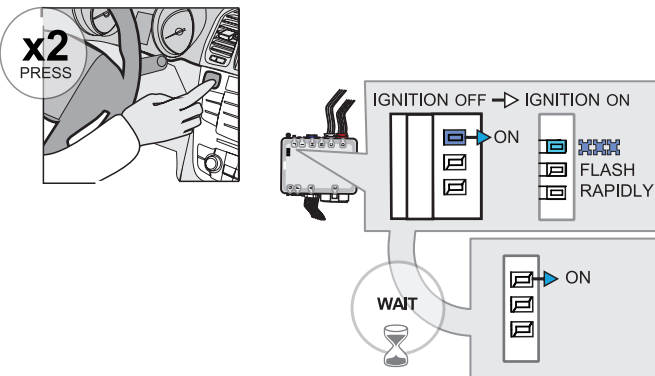


3



Insert the required remaining connectors.

4



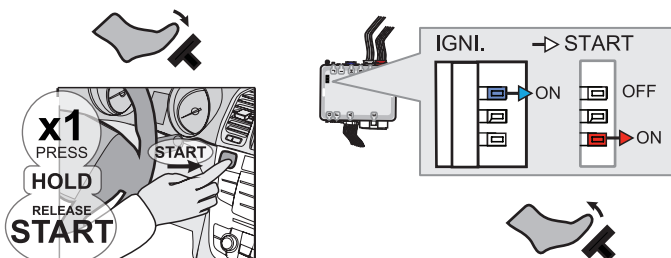
Press the Push-to-Start button twice, to turn the ignition **ON**.

↳ The **BLUE** LED will flash rapidly.

Wait,

↳ The **BLUE** LED will turn **ON solid**.

5



Press the foot-brake pedal.

Press the Push-to-Start button until the engine start.

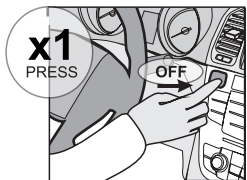
Release the foot-brake pedal.

↳ The **BLUE** LED will turn **OFF**.
↳ The **RED** LED will turn **ON**.

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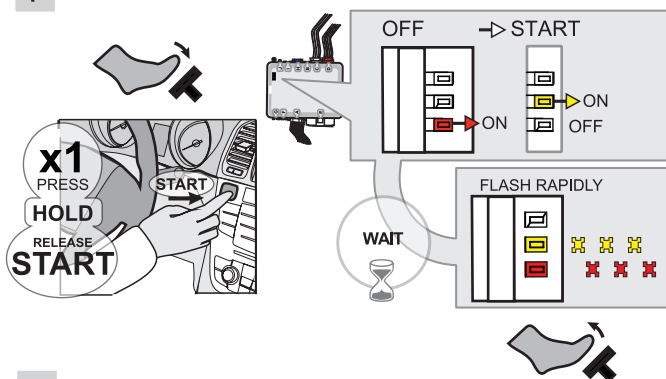
KEY BYPASS PROGRAMMING PROCEDURE 2/2

6



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

7



Press the foot-brake pedal.

Press the Push-to-Start button until the engine start.

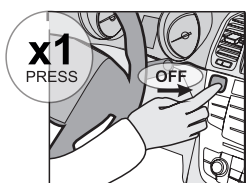
Release the foot-brake pedal.

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

Wait,

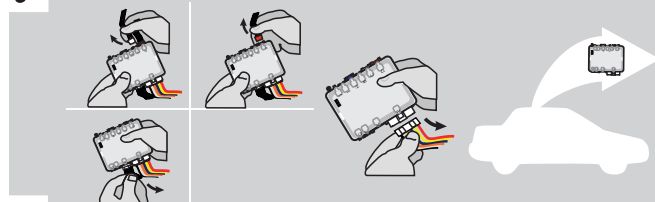
- ↳ The RED and YELLOW LEDs will alternate.

8



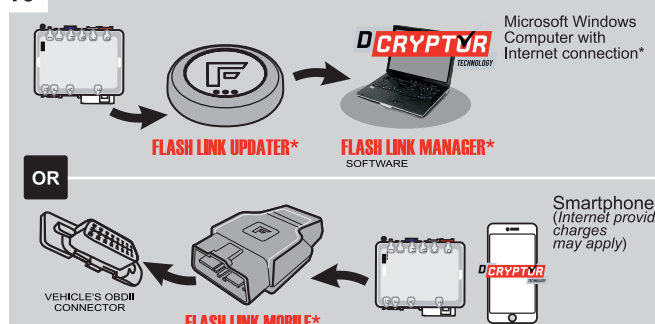
Press the Push-to-Start button once to turn off the engine.

9



Disconnect all connectors and after the 6-Pin (Main-Harness) or the 4-Pin Data-link connector.

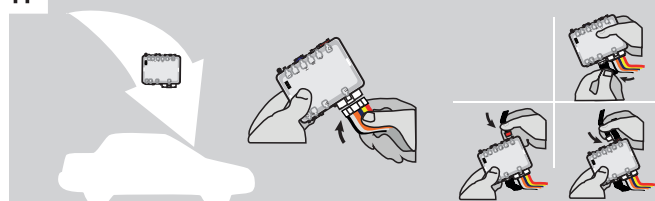
10



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

*Parts required (not included)

11



AFTER DCRYPTOR PROGRAMMING COMPLETED
Go back to the vehicle and reconnect the 6-Pin (Main-Harness) or the 4-pins (Data-Link) connector and after all the remaining connector.



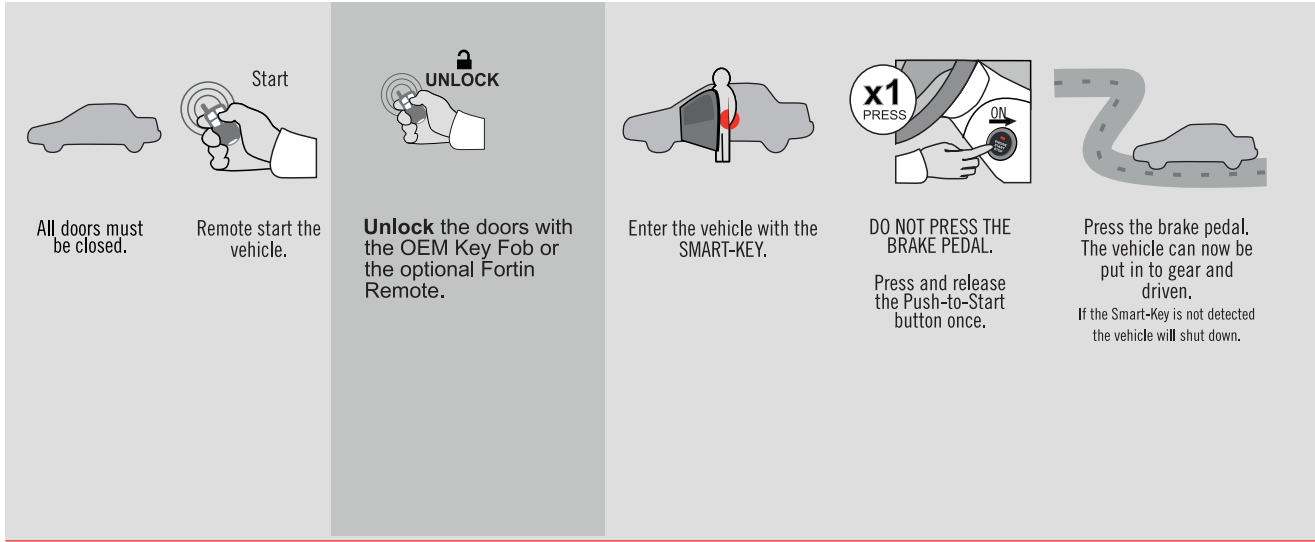
The module is now programmed.



REMOTE STARTER / ALARM VERIFICATION PROCEDURE

Test the remote starter. Remote start the vehicle.

REMOTE STARTER FUNCTIONALITY



Optional Anti-Code Grabbing Remotes

ARRF942 4-BUTTON 2-WAY REMOTES RF KIT



LoRa® SST TECHNOLOGY

INCLUDED

2X RM942 (FM 900 MHz)
ULTRA-LONG-RANGE 4-BUTTON 2-WAY REMOTES
6,000 FEET (2,000 METERS) URBAN RANGE

1X ANT500 ANTENNA
WITH PROGRAMMING BUTTON
AND DOUBLE LED INDICATORS

1X ANTENNA CABLE

ARRF912 1-BUTTON 2-WAY REMOTES RF KIT



LoRa® SST TECHNOLOGY

CONTROLS
FUNCTIONS
START
STOP
LOCK
UNLOCK

INCLUDED

2X RM912 (FM 900 MHz)
ULTRA-LONG-RANGE 1-BUTTON 2-WAY REMOTES
6,000 FEET (2,000 METERS) URBAN RANGE

1X ANT500 ANTENNA
WITH PROGRAMMING BUTTON
AND DOUBLE LED INDICATORS

1X ANTENNA CABLE

ARRF441 4-BUTTON 1-WAY REMOTES RF CONTROL KIT



INCLUDED

2X RM441 (FM 433 MHz)
4-BUTTON 1-WAY REMOTES
2,800 FEET (850 METERS) LONG-RANGE

FORTIN FMH ANTENNA
WITH PROGRAMMING BUTTON
AND LED INDICATOR

1X ANTENNA CABLE

ARRF411 1-BUTTON 1-WAY REMOTES RF CONTROL KIT



CONTROLS
FUNCTIONS
START
STOP
LOCK
UNLOCK

INCLUDED

2X RM411 (FM 433 MHz)
1-BUTTON 1-WAY REMOTES
2,000 FEET (600 METERS) LONG-RANGE

FORTIN FMH ANTENNA
WITH PROGRAMMING BUTTON
AND LED INDICATOR

1X ANTENNA CABLE

FORTIN RF-KIT TRANSMITTER PROGRAMMING PROCEDURE*

Transmitter only included on combo kit.

