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FORTIN EVO-ALL Interface Module Shark Electronics Installation Guide

REV.: 20240612
GUIDE # 117411
REGULAR INSTALLATION
ADDENDUM – SUGGESTED WIRING CONFIGURATION

Contents
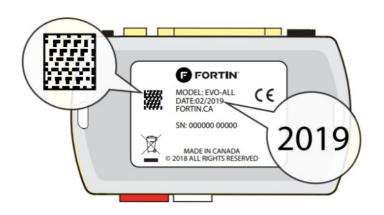
EVO-ALL Interface Module Shark Electronics

VEHICLE	YEARS
LEXUS	
RX350h	Push-to-Start 2023-2024

Vehicle functions supported in this diagram (functional if equipped)

• Immobilizer bypass	
• Lock	
• Unlock	
• Arm	
• Disarm	
• Parking Light	
• Tachometer	
• Power Liftgate**	
• Rear Defrost	Comfort Group AUX.1 Groupe Confort
• Heated wiper	
• Door Status	
• Trunk Status	
• Hand-Brake Status	
• Foot-Brake Status	
• Hood Status*	
• Secure Takeover	
• OEM Remote monitoring	

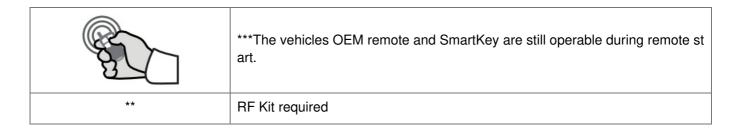|	COMPATIBLE MODULE REQUIRED:	QR CODE ON THE LABEL	FIRMWARE VERSION	To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately.
		MANUFACTUREDAFTER: 2019	88.[33] MINIMUM	

		UNIT OPTION		DESCRIPTION
	Program bypass option:	C1		OEM Remote status (Lock/Unlock) monitoring
		D6		Push-to-Start
IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:		A11	**OFF NON**	Hood trigger (Output Status).
Program bypass option (Vehicle hybrid only):		D4		Hybrid mode (Vehicle hybrid only)
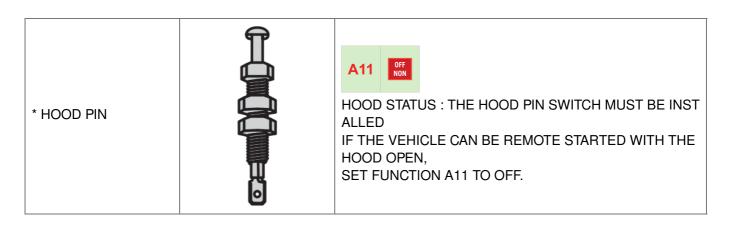
	Parts required (Not included) 3X 1 Amp Diodeode

NOTES

	***The vehicles OEM remote and SmartKey are still operable during remote start.
**	RF Kit required

MANDATORY INSTALL

* HOOD PIN		**A11** **OFF NON** 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.
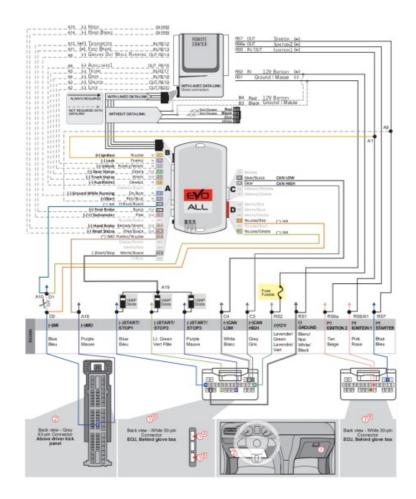
Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

DESCRIPTION

(-) CAN LOW (-) CAN HIGH
(+) 12V

(-) START/STOP1
(-) GROUND
(-) START/STOP2 (-) START/STOP3

① ECU, behind glove box

(+) IGNITION 1 (+) STARTER
(+) IGNITION 2

② Above driver kick panel

(-) IMO
(-) IMI

WIRING CONNECTION

DCRYPTOR PROGRAMMING PROCEDURE
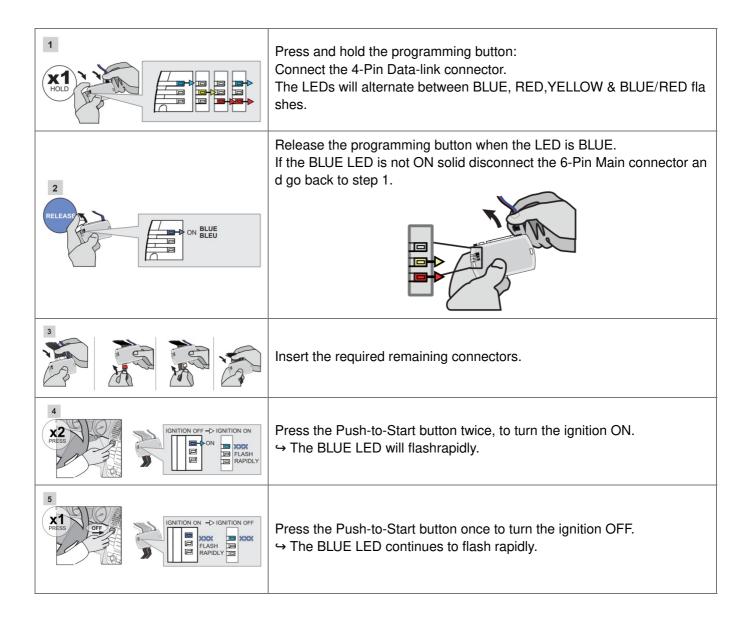
🔧 Parts required (not included)
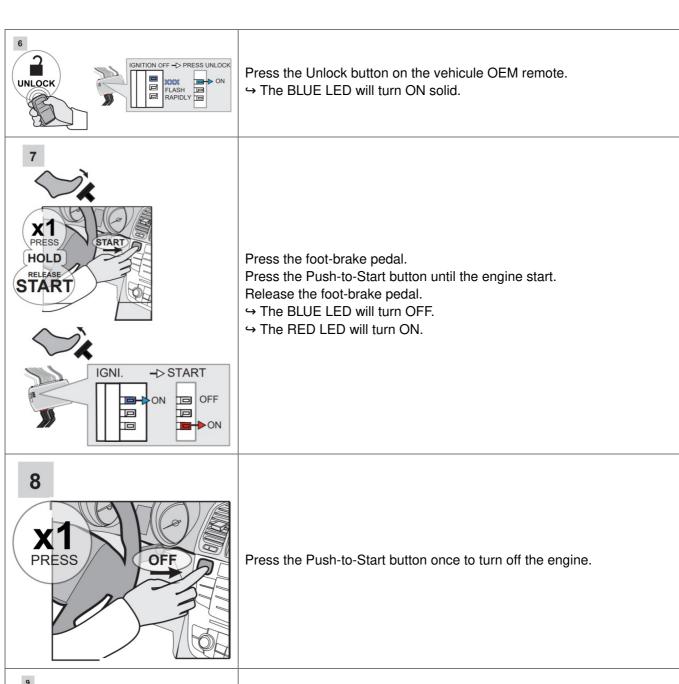
1x 💿		FLASH LINK UPDATER,
1x 💻		FLASH LINK MANAGER SOFTWARE
1x 💻		Microsoft Windows Computer with Internet connection
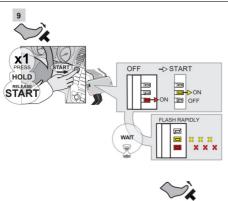
OR

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 4-Pin Data-link 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 flashrapidly.
5	Press the Push-to-Start button once to turn the ignition OFF. ↪ The BLUE LED continues to flash rapidly.

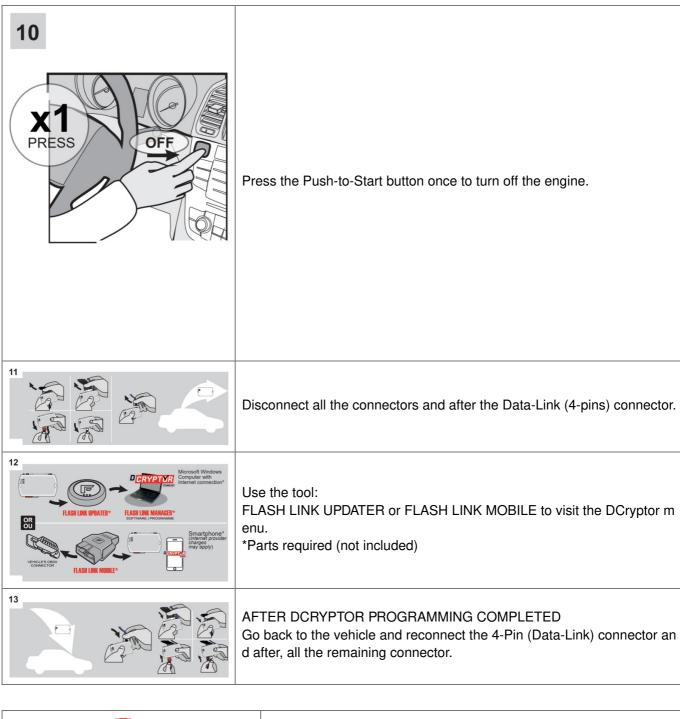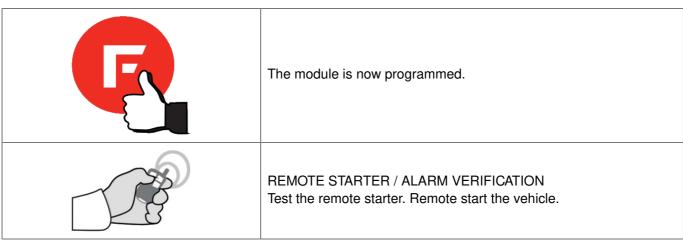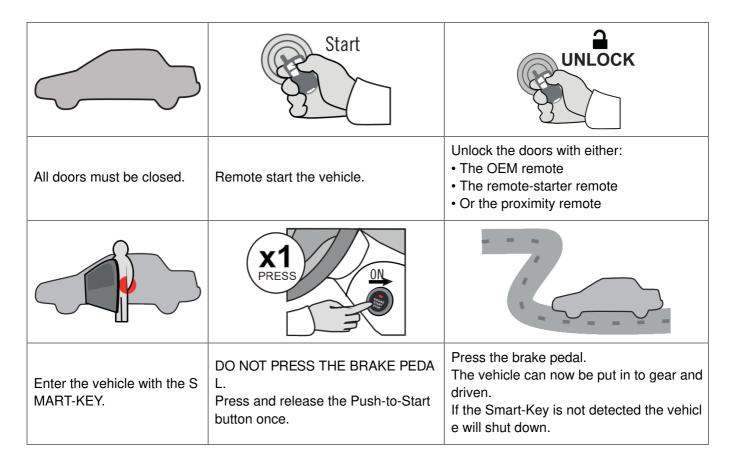|	
6 **UNLOCK** IGNITION OFF → PRESS UNLOCK FLASH RAPIDLY ON	Press the Unlock button on the vehicule OEM remote. ↪ The BLUE LED will turn ON solid.
7 **x1** PRESS **HOLD** **RELEASE** **START** START IGNI. → START ON OFF ON	Press the foot-brake pedal. Press the Push-to-Start button until the engine start. Release the foot-brake pedal. ↪ The BLUE LED will turn OFF. ↪ The RED LED will turn ON.
8 **x1** PRESS OFF	Press the Push-to-Start button once to turn off the engine.
9 **x1** PRESS **HOLD** **RELEASE** **START** START OFF → START ON ON OFF FLASH RAPIDLY WAIT	Press the foot-brake pedal. Press the Push-to-Start button until the engine start. ↪ The RED LED will turn OFF. ↪ The YELLOW LED will turn ON. Wait, ↪ The RED and YELLOW LEDs will alternate. Release the foot-brake pedal.

10 **x1** PRESS OFF	Press the Push-to-Start button once to turn off the engine.
11	Disconnect all the connectors and after the Data-Link (4-pins) connector.
12	Use the tool: FLASH LINK UPDATER or FLASH LINK MOBILE to visit the DCryptor menu. *Parts required (not included)
13	AFTER DCRYPTOR PROGRAMMING COMPLETED Go back to the vehicle and reconnect the 4-Pin (Data-Link) connector and after, all the remaining connector.

	The module is now programmed.
	REMOTE STARTER / ALARM VERIFICATION Test the remote starter. Remote start the vehicle.

REMOTE STARTER FUNCTIONALITY

	Start	🔓 UNLOCK
All doors must be closed.	Remote start the vehicle.	Unlock the doors with either: • The OEM remote • The remote-starter remote • Or the proximity remote
	x1 PRESS / ON	
Enter the vehicle with the SMART-KEY.	DO NOT PRESS THE BRAKE PEDAL. Press and release the Push-to-Start button once.	Press the brake pedal. The vehicle can now be put in to gear and driven. If the Smart-Key is not detected the vehicle will shut down.

EVO ALL

QR CODE LABELED

MODEL: EVO-ALL
DATE:02/2019
FORTIN.CA

CE

SN: 000000 00000

MADE IN CANADA
© 2018 ALL RIGHTS RESERVED
Module label

Notice: Updated Firmware and Installation Guides
Updated firmware and installation guides are posted on our web site on a regular basis. We recommend that you update this module to the latest firmware and download the latest installation guide(s) prior to the installation of this product.

WARNING
The information on this sheet is provided on an (as is) basis with no representation or warranty of accuracy

whatsoever. It is the sole responsibility of the installer to check and verify any circuit before connecting to it. Only a computer safe logic probe or digital multimeter should be used. FORTIN ELECTRONIC SYSTEMS assumes absolutely no liability or responsibility whatsoever pertaining to the accuracy or currency of the information supplied. The installation in every case is the sole responsibility of the installer performing the work and FORTIN ELECTRONIC SYSTEMS assumes no liability or responsibility whatsoever resulting from any type of installation, whether performed properly, improperly or any other way. Neither the manufacturer or distributor of this module is responsible of damages of any kind indirectly or directly caused by this module, except for the replacement of this module in case of manufacturing defects. This module must be installed by qualified technician. The information supplied is a guide only. This instruction guide may change without notice. Visit **www.fortinbypass.com** to get the latest version.

TECH SUPPORT
Tel: 514-255-HELP (4357)
1-877-336-7797

ADDENDUM GUIDE

www.fortinbypass.com
WEB UPDATE

Documents / Resources

FORTIN EVO-ALL Interface Module Shark Electronics [pdf] Installation Guide
117411, EVO-ALL, 2023-2024, EVO-ALL Interface Module Shark Electronics, EVO-ALL, Interface Module Shark Electronics, Module Shark Electronics, Shark Electronics, Electronics

References

- **User Manual**