Manuals+

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FORTIN EVO ALL 110381 Universal All in one Data Bypass and Interface Module Installation Guide 📄

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FORTIN EVO ALL 110381 Universal All in one Data Bypass and Interface Module

Specifications

- Vehicle Compatibility: SCION xD 2008-2010
- Firmware Version: 79.65

Product Usage Instructions

Data-Link Connection

Data-Link connection is required for direct connections with specific pins. Always refer to the provided wiring diagrams for accurate connections.

Overview

	ALL	Page 1 / 5	REV.:	2025 04 11	Guide # 110381
REGULAR INSTALLATION		ADDENDUM – SUGGESTED WIRING CONFIGURATION			

 FIRMWARE VERSION

FIRMWARE VERSION 79.[65] MINIMUM

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

MANDATORY INSTALL

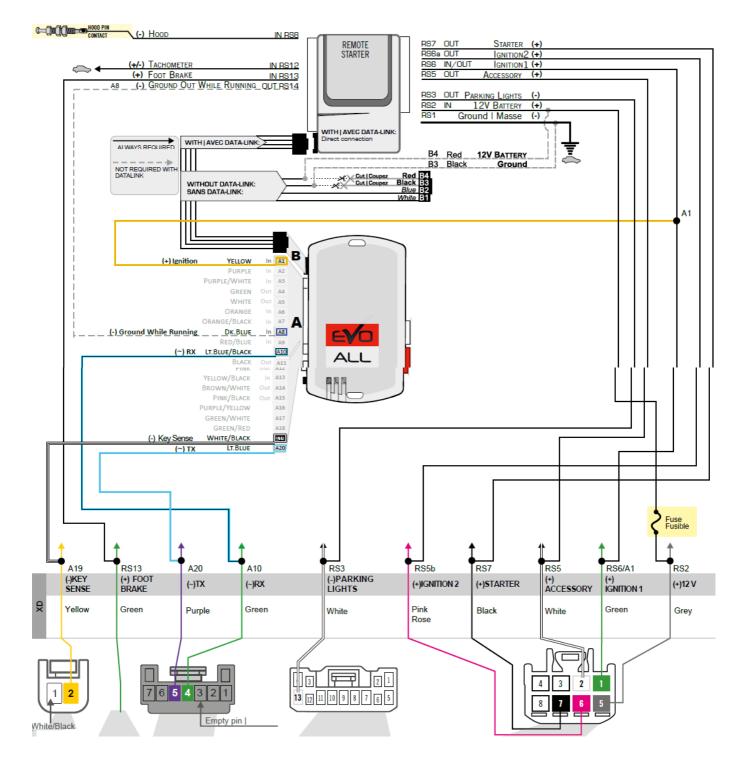### HOOD PIN

HOOD STATUS : THE HOOD PIN SWITCH MUST BE INSTALLED ,IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN.
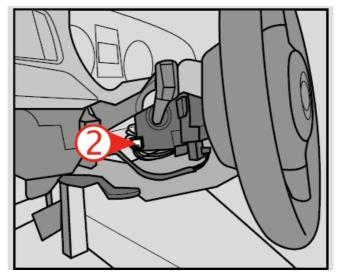
Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

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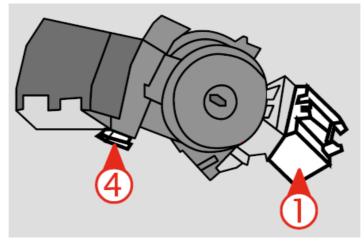
WIRING CONNECTION

(-) HOOD — HOOD PIN CONTACT — IN RS8

RS7 OUT STARTER (+)
RS6a OUT IGNITION2 (+)
RS8 IN/OUT IGNITION1 (+)
RS5 OUT ACCESSORY (+)

(+/-) TACHOMETER — IN RS12
(+) FOOT BRAKE — IN RS13
A8 (-) GROUND OUT WHILE RUNNING OUT RS14

RS3 OUT PARKING LIGHTS (-)
RS2 IN 12V BATTERY (+)
RS1 Ground | Masse (-)

REMOTE STARTER
WITH | AVEC DATA-LINK: Direct connection

ALWAYS REQUIRED
NOT REQUIRED WITH DATALINK

WITH | AVEC DATA-LINK:

B4 Red 12V BATTERY
B3 Black Ground

WITHOUT DATA-LINK: / SANS DATA-LINK:
Cut | Coupez Red B4
Cut | Coupez Black B3
Blue B2
White B1

A1

(+) Ignition YELLOW In A1
PURPLE In A2
PURPLE/WHITE In A3
GREEN Out A4
WHITE Out A5
ORANGE In A6
ORANGE/BLACK In A7
(-) Ground While Running DK.BLUE In A8
RED/BLUE In A9
(~) RX LT.BLUE/BLACK A10
BLACK Out A11
PINK Out A12
YELLOW/BLACK In A13
BROWN/WHITE Out A14
PINK/BLACK Out A15
PURPLE/YELLOW A16
GREEN/WHITE A17
GREEN/RED A18
(-) Key Sense WHITE/BLACK A19
(~) TX LT.BLUE A20

B
A

EVO ALL

Fuse Fusible

A19	RS13	A20	A10	RS3	RS5b	RS7	RS5	RS6/A1	RS2
(-)KEY SENSE	(+) FOOT BRAKE	(~)TX	(~)RX	(-)PARKING LIGHTS	(+)IGNITION 2	(+)STARTER	(+) ACCESSORY	(+) IGNITION 1	(+)12 V
Yellow	Green	Purple	Green	White	Pink Rose	Black	White	Green	Grey

XD

White/Black

1 2

7 6 5 4 3 2 1
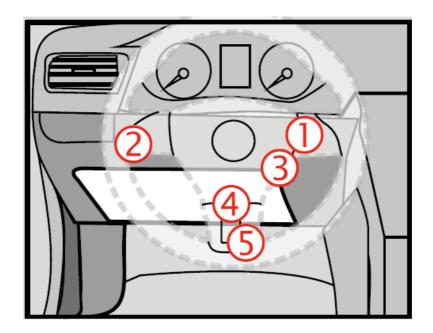Empty pin |

3 2 1
13 12 11 10 9 8 7 6 5

4 3 2 1
8 7 6 5

- Back view White 2-pin connector At Steering column
- At Brake switch.
- Back view Black 7-pin connector .

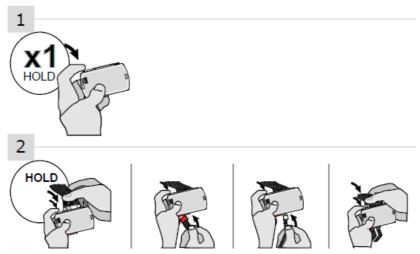- Back view White 13-pin connector. At Light switch harness

- Back view – White 8-pin Ignition harness.

PROGRAMMING PROCEDURE

1. Press and hold the programming button.
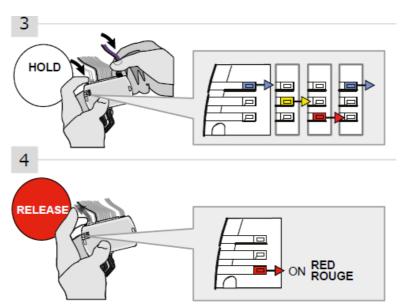2. Insert the connectors: 20 pin (White),

6 pin (Red),

5 pin (White),

2 pin (White).

(If required)

3. Insert the 4-Pin (Data-Link) connector.

   The LEDs will alternate between BLUE, YELLOW and RED flashes.

4. Release the programming button when the LED is RED.

   If the LED is not solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.
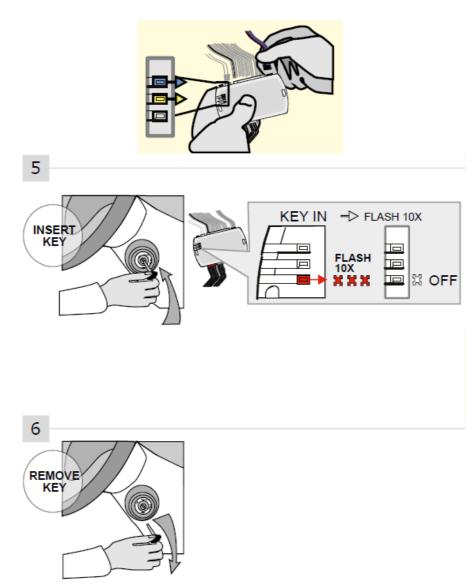
5. Insert one functional key into the ignition barrel.
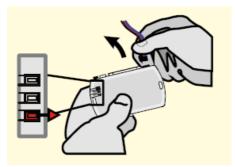
   DO NOT turn ON the key.

   The RED LED will flash rapidly 10x times.

   Key bypass programmed.

   If the LED is solid RED disconnect the 4 Pin connector (Data-Link) and go back to step 1.

5

INSERT KEY

KEY IN ⇒ FLASH 10X

FLASH 10X ✗ ✗ ✗

OFF

6

REMOVE KEY

6. Remove the key from the Ignition barrel.

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 FUNCTIONALITY

- All doors must be closed.
- Remote start the vehicle.
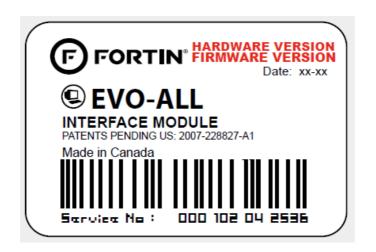- Unlock the doors with the remote-starter remote or the OEM remote.

- 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.

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 fi rmware and download the latest installation guide(s) prior to the installation of this product.

www.fortinbypass.com

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

- Tél: 514-255-HELP (4357)
- 1-877-336-7797
- ADDENDUM GUIDE
- www.fortinbypass.com
- WEB UPDATE

FAQ

- **Q: Is it necessary to install the hood pin switch?**
  - A: Yes, the hood pin switch is mandatory for vehicles that can be remote started with the hood open to ensure safety and security.
- **Q: Can I install this module myself?**
  - A: It is recommended to have the module installed by a qualified technician to avoid any incorrect connections that may cause damage to the vehicle.

Documents / Resources

FORTIN EVO ALL 110381 Universal All in one Data Bypass and Interface Module [pdf] Installation Guide
EVO ALL 110381 Universal All in one Data Bypass and Interface Module, EVO ALL 110381, Universal All in one Data Bypass and Interface Module , All in one Data Bypass and Interface Module, Data Bypass and Interface Module, Bypass and Interface Module, Interface Module, Module

References

- User Manual

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