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FORTIN 95021 EVO-ALL Universal All In One Data Bypass And Interface Module Installation Guide

Contents

FORTIN®

FORTIN 95021 EVO-ALL Universal All In One Data Bypass And Interface Module

Vehicle functions

VEHICLE VEHICLES	YEARS ANNÉES	Vehicle functions supported in this diagram (functional if equipped) | Fonctions du véhicule supportées dans ce diagramme (fonctionnelles si équipé)												
		Immobilizer bypass	Lock	Unlock	Arm	Disarm	Parking Lights	Hatch (open)	Tachometer	Door Status	Trunk Status	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
JEEP														
Commander	2006-2007	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION VERSION LOGICIELLE 74.[39] 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 OPTION UNITE/DESCRIPTION

- **A11/OFF NON/**

  Hood trigger (Output Status).

- **C1**

  OEM Remote status (Lock/Unlock) monitoring

- **D2**

Unlock before / Lock after (Disarm OEM alarm)

Parts required (Not included)

WIRE TO WIRE DIAGRAM

- 1x 7.5 Amp. fuse
- 1x Fusible 7.5 Amp.

THARNESS DIAGRAM

- THARNESS THAR-CHR5
- 1x THAR-CHR5
- 1x THAR-CHR5

MANDATORY INSTALL

HOOD PIN

- **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.

- **A11 OFF NON**

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.

PARTS REQUIRED

PARTS REQUIRED (NOT INCLUDED)

- 1x FLASH LINK UPDATER,

- 1x FLASH LINK MANAGER
  - SOFTWARE/PROGRAMME

- Microsoft Windows Computer with Internet connection Ordinateur Microsoft Windows avec

connection Internet
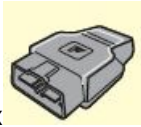
- 1x FLASH LINK MOBILE
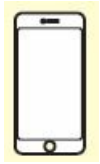
- 1x FLASH LINK MOBILE APP

- Smartphone AndroId or iOS with Internet connection (provider charges may apply).

MANDATORY

- **HOOD PIN**

- **REMOTE START SAFETY OVERRIDE SWITCH**
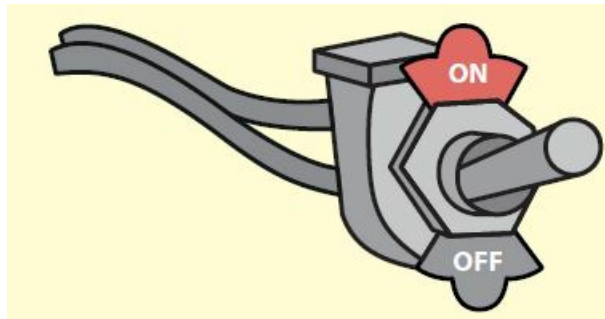
- **Part:** RSPB available, Sold separately.

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

STAND ALONE CONFIGURATION

	Program bypass option **OEM Remote Stand Alone Remote Starter:** Programmez l'option du contournement Démarreur à distance Autonome avec télécommande d'origine :	UNIT OPTION OPTION UNITE	DESCRIPTION
		OR OU **D1.10** LOCK LOCK LOCK	**By default, LOCK, LOCK, LOCK** Par défaut, VERROUILLE,VERROUILLE,VERROUILLE
		D1.1 LOCK UNLOCK LOCK	LOCK, UNLOCK, LOCK VERROUILLE,DÉVERROUILLE,VERROUILLE

|		UNIT OPTION OPTION UNITE	DESCRIPTION
	Program bypass option with oem remote: Programmez l'option du contournement avec télécommande d'origine:	**C1**	OEM Remote Monitoring
			Supervision de la télécommande d'origine

		UNIT OPTION OPTION UNITE	DESCRIPTION
	Program bypass option with RF KIT antenna: Programmez l'option du contournement avec antenne RF:	**H1 to H6** **H1 à H6**	Supported RF Kits and **select RF Kit**
			Kit RF supportés et sélectionnez le **KIT RF**

REMOTE STARTER FUNCTIONALITY

- All doors must be closed.
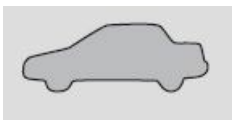
- Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.

- The vehicle will START.

REMOTE STARTER DIAGNOSTICS

- **MODULE RED LED**
    - x2 Flash : Brake ON
    - x3 Flash : No tach
    - x4 Flash : Ignition before start
    - x5 Flash: Hood Open

REMOTE STARTER WARNING CARD

CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE: or use the package RSPB, Sold separately.

WARNING REMOTE STARTER

- THE VEHICLE CAN BE STARTED BY
- **EITHER:** PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. TURN ON THE SAFETY
- SWITCH LOCATED UNDER THE
- DASHBOARD BEFORE WORKING ON THE VEHICLE.

AUTOMATIC TRANSMISSION

AUTOMATIC TRANSMISSION WIRING CONNECTION

Hood pin only required on vehicles not equipped with a factory hood pin.
Commutateur de capot requis seulement si le véhicule n'est pas équipé de cette composante.

SAFETY OVERRIDE SWITCH
COMMUTATEUR DE SÉCURITÉ

OPTIONAL RF-KIT
KIT RF OPTIONNEL

RF-KIT REMOTE STARTER
KIT-RF DÉMARREUR À DISTANCE

WITH RF-KIT
AVEC KIT RF

WITH | AVEC DATA-LINK:
Direct connection
Branchement directe

RS2 IN (+)12V Battery
RS1 Ground | Masse

Ground Masse

B4 Red (+)12V Battery
B3 Black Ground | Masse

WITHOUT RF-KIT
SANS KIT RF

Cut | Coupez Red B4
Cut | Coupez Black B3
Blue B2
White B1

Ground Masse
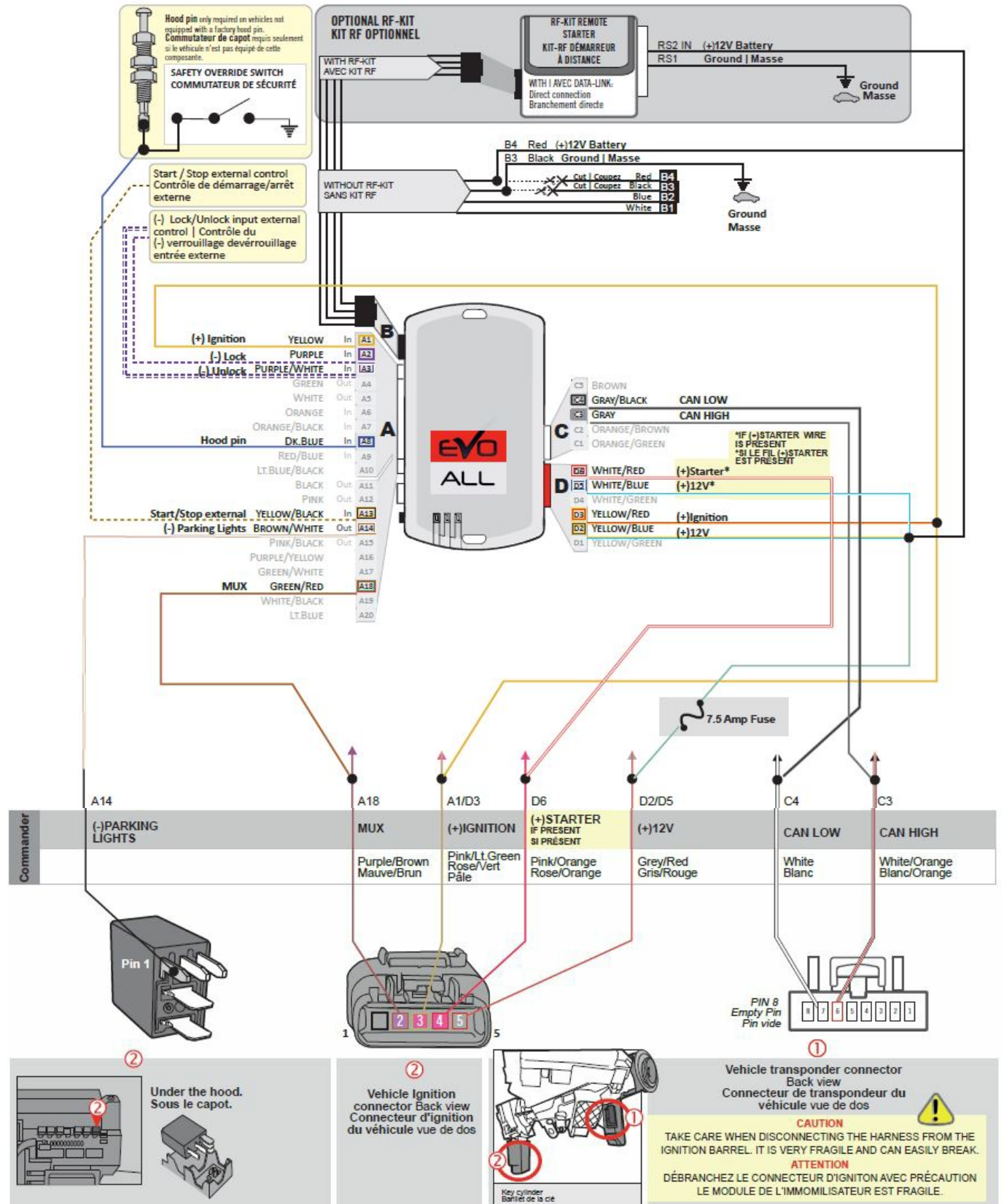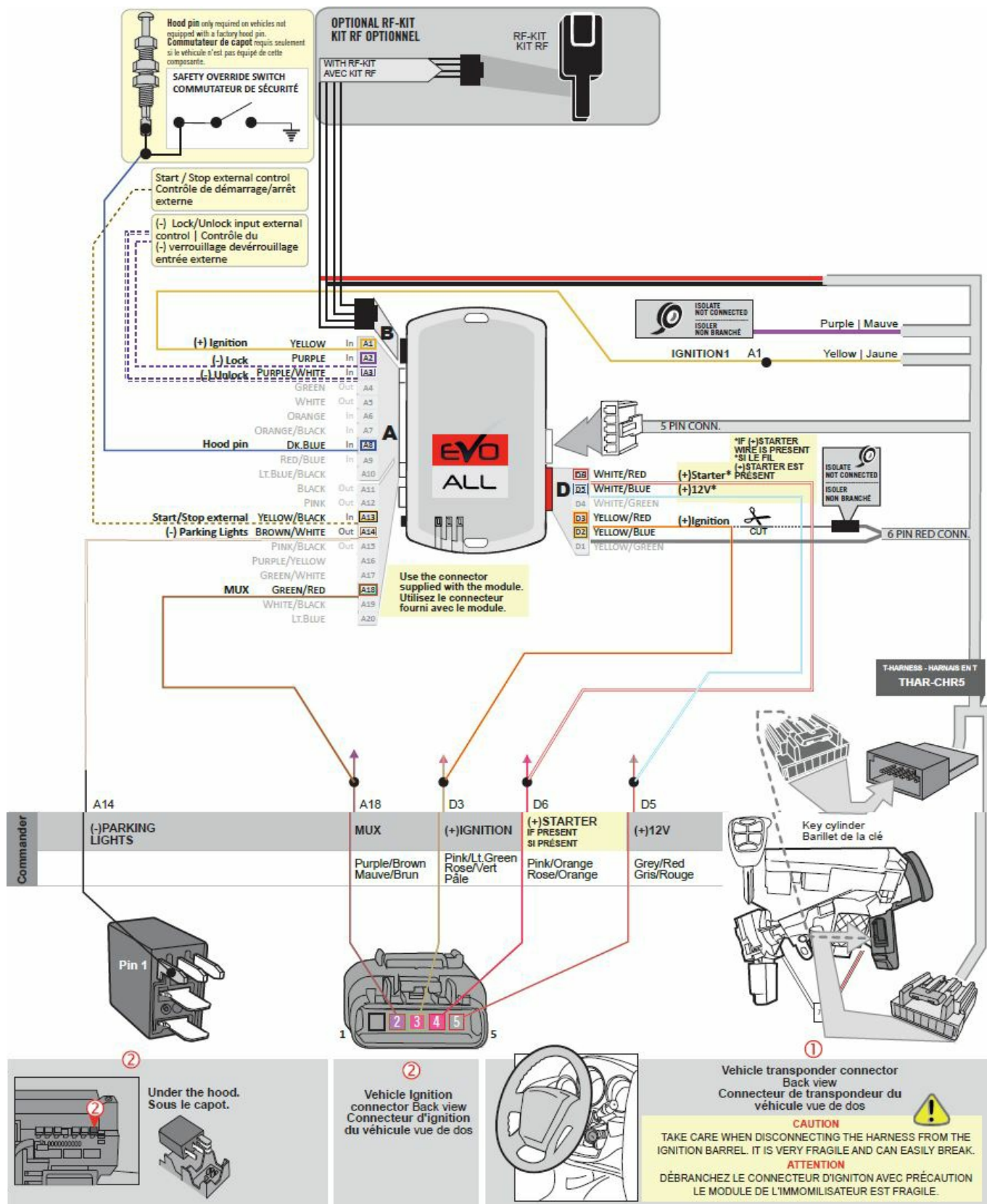
Start / Stop external control
Contrôle de démarrage/arrêt externe

(-) Lock/Unlock input external control | Contrôle du (-) verrouillage devérrouillage entrée externe

(+) Ignition	YELLOW	In	A1
(-) Lock	PURPLE	In	A2
(-) Unlock	PURPLE/WHITE	In	A3
	GREEN	Out	A4
	WHITE	Out	A5
	ORANGE	In	A6
	ORANGE/BLACK	In	A7
Hood pin	DK.BLUE	In	A8
	RED/BLUE	In	A9
	Lt.BLUE/BLACK		A10
	BLACK	Out	A11
	PINK	Out	A12
Start/Stop external	YELLOW/BLACK	In	A13
(-) Parking Lights	BROWN/WHITE	Out	A14
	PINK/BLACK	Out	A15
	PURPLE/YELLOW		A16
	GREEN/WHITE		A17
MUX	GREEN/RED		A18
	WHITE/BLACK		A19
	Lt.BLUE		A20

EVO ALL

C5	BROWN	
C4	GRAY/BLACK	CAN LOW
C3	GRAY	CAN HIGH
C2	ORANGE/BROWN	
C1	ORANGE/GREEN	

*IF (+)STARTER WIRE IS PRESENT
*SI LE FIL (+)STARTER EST PRÉSENT

D6	WHITE/RED	(+)Starter*
D5	WHITE/BLUE	(+)12V*
D4	WHITE/GREEN	
D3	YELLOW/RED	(+)Ignition
D2	YELLOW/BLUE	(+)12V
D1	YELLOW/GREEN	

7.5 Amp Fuse

Commander	A14	A18	A1/D3	D6	D2/D5	C4	C3
	(-)PARKING LIGHTS	MUX	(+)IGNITION	(+)STARTER IF PRESENT SI PRÉSENT	(+)12V	CAN LOW	CAN HIGH
		Purple/Brown Mauve/Brun	Pink/Lt.Green Rose/Vert Pâle	Pink/Orange Rose/Orange	Grey/Red Gris/Rouge	White Blanc	White/Orange Blanc/Orange

Pin 1

1 2 3 4 5 5

PIN 8
Empty Pin
Pin vide

8 7 6 5 4 3 2 1

② Under the hood.
Sous le capot.

② Vehicle Ignition connector Back view
Connecteur d'ignition du véhicule vue de dos

① Vehicle transponder connector Back view
Connecteur de transpondeur du véhicule vue de dos

② Key cylinder
Barillet de la clé

CAUTION
TAKE CARE WHEN DISCONNECTING THE HARNESS FROM THE IGNITION BARREL. IT IS VERY FRAGILE AND CAN EASILY BREAK.
ATTENTION
DÉBRANCHEZ LE CONNECTEUR D'IGNITON AVEC PRÉCAUTION LE MODULE DE L'IMMOMILISATEUR EST FRAGILE.

THAR-CHR5 | AUTOMATIC TRANSMISSION CONNECTION

Hood pin only required on vehicles not equipped with a factory hood pin.
Commutateur de capot requis seulement si le véhicule n'est pas équipé de cette composante.

SAFETY OVERRIDE SWITCH
COMMUTATEUR DE SÉCURITÉ

OPTIONAL RF-KIT
KIT RF OPTIONNEL

RF-KIT
KIT RF

WITH RF-KIT
AVEC KIT RF

Start / Stop external control
Contrôle de démarrage/arrêt externe

(-) Lock/Unlock input external control | Contrôle du (-) verrouillage devérrouillage entrée externe

(+) Ignition	YELLOW	In	A1
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Start/Stop external	YELLOW/BLACK	In	A13
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	PINK/BLACK		A15
	PURPLE/YELLOW		A16
	GREEN/WHITE		A17
MUX	GREEN/RED		A18
	WHITE/BLACK		A19
	LT.BLUE		A20

A

B

EVO ALL

Use the connector supplied with the module.
Utilisez le connecteur fourni avec le module.

ISOLATE NOT CONNECTED
ISOLER NON BRANCHÉ

Purple | Mauve

IGNITION1 A1 Yellow | Jaune

5 PIN CONN.

*IF (+)STARTER WIRE IS PRESENT
*SI LE FIL (-)STARTER EST PRÉSENT

D8	WHITE/RED	(+)Starter*
D5	WHITE/BLUE	(+)12V*
D4	WHITE/GREEN	
D3	YELLOW/RED	(+)Ignition
D2	YELLOW/BLUE	
D1	YELLOW/GREEN	

D

CUT

ISOLATE NOT CONNECTED
ISOLER NON BRANCHÉ

6 PIN RED CONN.

T-HARNESS - HARNAIS EN T
THAR-CHR5

Key cylinder
Barillet de la clé

Commander

A14	A18	D3	D6	D5
(-)PARKING LIGHTS	MUX	(+)IGNITION	(+)STARTER IF PRESENT SI PRÉSENT	(+)12V
	Purple/Brown Mauve/Brun	Pink/Lt.Green Rose/Vert Pâle	Pink/Orange Rose/Orange	Grey/Red Gris/Rouge

Pin 1

1 2 3 4 5 5

② Under the hood.
Sous le capot.

② Vehicle Ignition connector Back view
Connecteur d'ignition du véhicule vue de dos

① Vehicle transponder connector
Back view
Connecteur de transpondeur du véhicule vue de dos

CAUTION
TAKE CARE WHEN DISCONNECTING THE HARNESS FROM THE IGNITION BARREL. IT IS VERY FRAGILE AND CAN EASILY BREAK.
ATTENTION
DÉBRANCHEZ LE CONNECTEUR D'IGNITON AVEC PRÉCAUTION LE MODULE DE L'IMMOMILISATEUR EST FRAGILE.
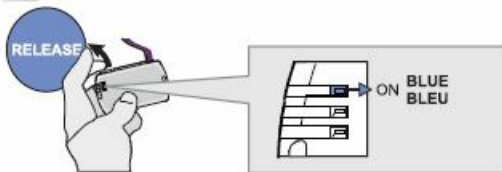
PROGRAMMING PROCEDURE

1

Press and hold the programming button: Connect the 4-PIN Data-link harness (Black connector).

↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

Appuyez et maintenir enfoncé le bouton de programmation: Branchez le harnais Data-Link à 4-Broches (connecteur Noir)

↳ Les DELs Bleue, Rouge, Jaune et Bleue & Rouge s'allumeront alternativement.

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

2

Release the programming button when the LED is BLUE.

ON BLUE BLEU

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

Relâchez le bouton de programmation quand la DEL est BLEU.

Si le DEL n'est pas BLEU débranchez le connecteur 4 pins (Data-Link) et allez au début de l'étape 1.
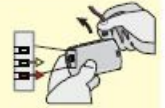
3

Insert the required remaining connectors.

Insérez les connecteurs requis restants.

4

TURN ON/RUN IGN

IGNITION OFF ⇨ FLASH RAPIDLY
ON
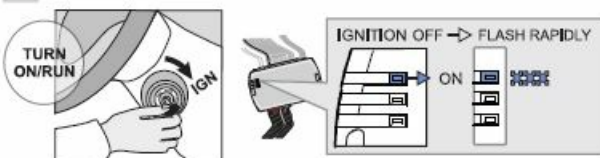
Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

Tournez la clé à Ignition.

↳ La DEL BLEU clignotera rapidement.

5

TURN OFF

IGNITION OFF ⇨ FLASH RAPIDLY
ON
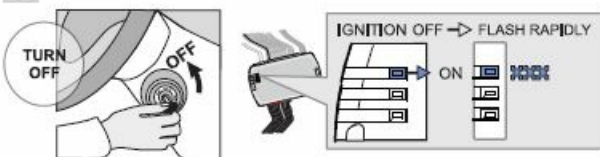
Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

Tournez la clé à la position Arrêt (OFF).

↳ La DEL BLEU clignotera rapidement.

6

With OEM remote
Avec Télécommande d'origine

Press the LOCK button on the vehicles OEM remote.

Appuyez sur le bouton Verrouillage de la télécommande d'origine du véhicule.
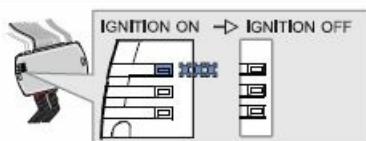
Or | Ou

Without OEM remote
Sans Télécommande d'origine

Press and release the programming button on the module once.

Appuyez sur le bouton de programmation du module.

IGNITION ON ⇨ IGNITION OFF

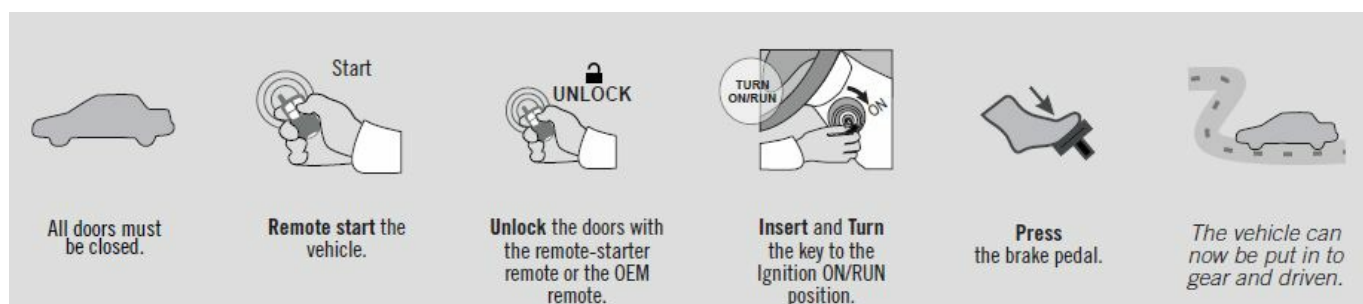↳ The BLUE LED will turn off.

↳ La DEL BLEU s'éteint.

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.

Le module est programmé.

Testez toutes les fonctions supportées sur le véhicule avec la télécommande du démarreur à distance ou du système de sécurité.

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.

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 qualifi ed 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

- **www.fortinbypass.com**.
- **Tél:** 514-255-HELP (4357) 1-877-336-7797

Documents / Resources

 FORTIN 95021 EVO-ALL Universal All In One Data Bypass And Interface Module [pdf] Installation Guide
95021 EVO-ALL Universal All In One Data Bypass And Interface Module, 95021, EVO-ALL Universal All In One Data Bypass And Interface Module, Universal All In One Data Bypass And Interface Module, All In One Data Bypass And Interface Module, One Data Bypass And Interface Module, Bypass And Interface Module, And Interface Module, Interface Module

References

- **Remote Car Starters, Car Alarms, Immobilizer Bypass and Connected Vehicle Solutions | Fortin Electronic Systems**
- **Remote Car Starters, Car Alarms, Immobilizer Bypass and Connected Vehicle Solutions | Fortin Electronic Systems**