FORTIN FX35 Push Button And Alarm Systems Installation Guide

Contents

1 FORTIN FX35 Push Button And Alarm Systems
2 Product Information
3 Product Usage Instructions
4 PRODUCT SPECIFICATION
5 Parts required (Not included)
6 MANDATORY INSTALL
7 STAND ALONE CONFIGURATION
8 REMOTE STARTER FUNCTIONALITY
9 REMOTE STARTER WARNING CARD
10 DESCRIPTION
11 AUTOMATIC TRANSMISSION WIRING CONNECTION
12 WIRING CONNECTION
13 WIRING CONNECTION
14 KEY BYPASS PROGRAMMING PROCEDURE 1/2
15 REMOTE STARTER FUNCTIONALITY
16 Documents / Resources
16.1 References

FORTIN®

FORTIN FX35 Push Button And Alarm Systems

Product Information

- **Product Name:** Standalone and THAR-NIS1 Harness Installation
- **Guide Number:** 100011
- **Compatible Vehicles:** Infiniti FX35, FX37, QX70
- **Compatible Vehicle Models:** Push-to-Start (AT) 2009-2013, Push-to-Start (AT) 2013, Push-to-Start (AT) 2014-2017
- **Firmware Version:** 72.[43]
- **Minimum Nissan/Infiniti Firmware Version:** Not specified
- **Program Bypass Option:** Yes
- **Unit Options:**
  - **C1:** OEM Remote status (Lock/Unlock) monitoring
  - **D6:** Push-to-Start
  - **A11:** OFF Hood trigger (Output Status)
- **Description:**
  - **C1**: OEM Remote status (Lock/Unlock) monitoring
  - **D6:** Push-to-Start
  - **A11:** OFF Hood trigger (Output Status)

Product Usage Instructions

1. **Mandatory Installation:**
   - Hood Pin Contact (Must be installed)
2. **Optional Installation:**
   - Valet Switch (ON/OFF)
3. **Program Bypass Option with OEM Remote:**
   - Unit Option: D1.10

4. **Program Bypass Option with RF KIT Antenna:**
    - Unit Option: C1
5. **Program Bypass Option for Vehicle Hybrid Only:**
    - Unit Option: D4
6. **Remote Starter Diagnostics:**
    - MODULE RED LED | DEL ROUGE DU MODULE:
        - **x3 flash:** No tach
        - **x4 flash:** Ignition
        - **x5 flash:** Hood Open
7. **Warning:**
    - Cut the warning card and stick it in a visible place or use the package RSPB (sold separately)
    - 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

PRODUCT SPECIFICATION

VEHICLE VEHICULES		YEARS ANNÉES	Immobilizer bypass	T-Harness available (sold separately) Harnais en T disponible (vendu séparément)	Lock	Unlock	Arm	Disarm	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	Push-to-Start Control
			Vehicle functions supported in this diagram (functional if equipped) | Fonctions du véhicule supportées dans ce diagramme (fonctionnelles si équipé)													
INFINITI																
FX35	*Push-to-Start (AT)*	2009-2013	•	•	•	•	•	•	•	•	•	•	•	•	•	•
FX37	*Push-to-Start (AT)*	2013	•	•	•	•	•	•	•	•	•	•	•	•	•	•
QX70	*Push-to-Start (AT)*	2014-2017	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FIRMWARE VERSION
VERSION LOGICIELLE

72.[43]

NISSAN/INFINITI MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.
Pour ajouter la version logicielle et les options, utilisez l'outil **FLASH LINK UPDATER** ou **FLASH LINK MOBILE**, vendu séparément.

	UNIT OPTION OPTION UNITE		DESCRIPTION
Program bypass option: Programmez l'option du contournement:	**C1**		OEM Remote status (Lock/Unlock) monitoring Suivi des status (Verrouillage/Déverrouillage) de la télécommande d'origine
	D6		Push-to-Start Push-to-Start
IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN: SI LE VÉHICULE N'EST PAS ÉQUIPÉ D'UN CONTACT DE CAPOT FONCTIONNEL:	**A11**	**OFF NON**	Hood trigger (Output Status). Contact de capot (état de sortie).

Parts required (Not included)

WIRE TO WIRE DIAGRAM | SCHÉMA DE BRANCHEMENTS FIL À FIL			
	1x 10Amp. Fuse 2x 1 Amp diode	1x 10Amp. Fusible 2x Diodes 1 Amp	Page4
THARNESS DIAGRAM | SCHÉMA DE BRANCHEMENTS HARNAIS EN T			
THARNESS THAR-NIS1	1x THAR-NIS1	1x THAR-NIS1	Page 5

MANDATORY INSTALL

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.

STAND ALONE CONFIGURATION

	UNIT OPTION OPTION UNITE	DESCRIPTION
Program bypass option **OEM Remote Stand Alone Remote Starter:** **Programmez l'option du contournement** **Démarreur à distance Autonome** **avec télécommande d'origine :**	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**

	UNIT OPTION OPTION UNITE	DESCRIPTION
Program bypass option **Vehicle hybrid only:** **Programmez l'option du contournement** **vehicule hybride seulement:**	**D4**	Hybrid mode (Vehicle hybrid only) Mode hybride (vehicule hybride seulement)

REMOTE STARTER FUNCTIONALITY

All doors must be closed.

Toutes les portes doivent être fermées

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.

Appuyez sur le bouton Verrouillage 3X de la télécommande d'origine pour démarrer à distance (ou arrêter à distance) le véhicule.

The vehicle will START.

Le véhicule DÉMARRE.

REMOTE STARTER DIAGNOSTICS
DIAGNOSTIQUE DU DÉMARREUR À DISTANCE

MODULE RED LED I DEL ROUGE DU MODULE		
x2 flash :	Brake ON	Frein Activé
x3 flash :	No tach	Pas de Tach
x4 flash :	Ignition before start	Clé de contact détectée avant démarrage
x5 flash :	Hood Open	Capot Ouvert

REMOTE STARTER WARNING CARD

CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
or use the package **RSPB**, Sold separately.
COUPEZ CETTE CARTE D'AVERTISSEMENT ET COLLEZ-LA À UN ENDROIT VISIBLE:
ou utilisez la trousse **RSPB**, vendue séparément.

WARNING | ATTENTION

REMOTE STARTER
DÉMARREUR À DISTANCE

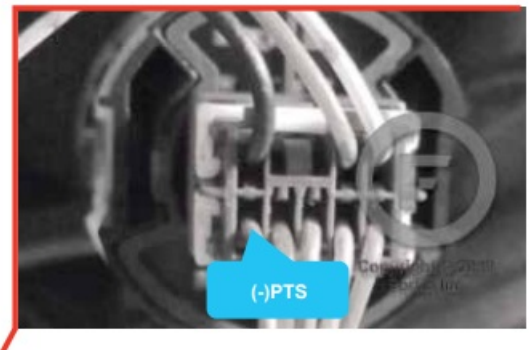
THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

LE VÉHICULE PEUT DÉMARRER SOIT: EN APPUYANT 3 FOIS CONSÉCUTIVEMENT SUR LE BOUTON VERROUILLAGE DE LA TÉLÉCOMMANDE DU VÉHICULE OU PAR UN TÉLÉPHONE INTELLIGENT. **ACTIONNEZ EN POSITION 'ON'** LE COMMUTATEUR DE SÉCURITÉ SITUÉ SOUS LE TABLEAU DE BORD AVANT LES TRAVAUX D'ENTRETIEN.

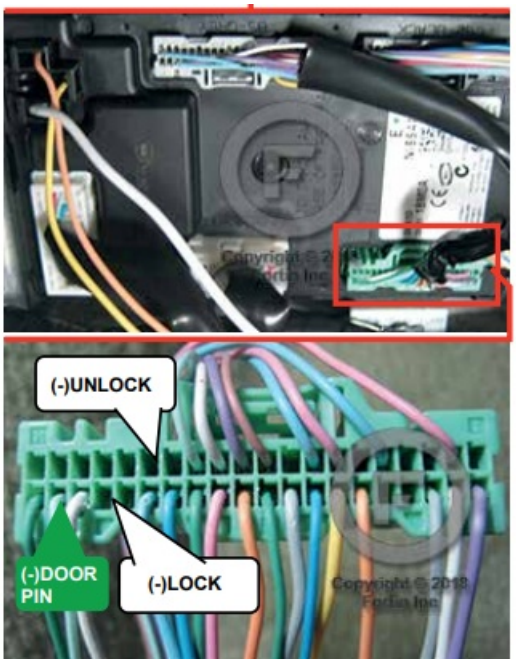
DESCRIPTION

① **Key Port lower dash Left of steering column**
Port pour la clé au bas du tableau de bord à gauche de la colonne de direction

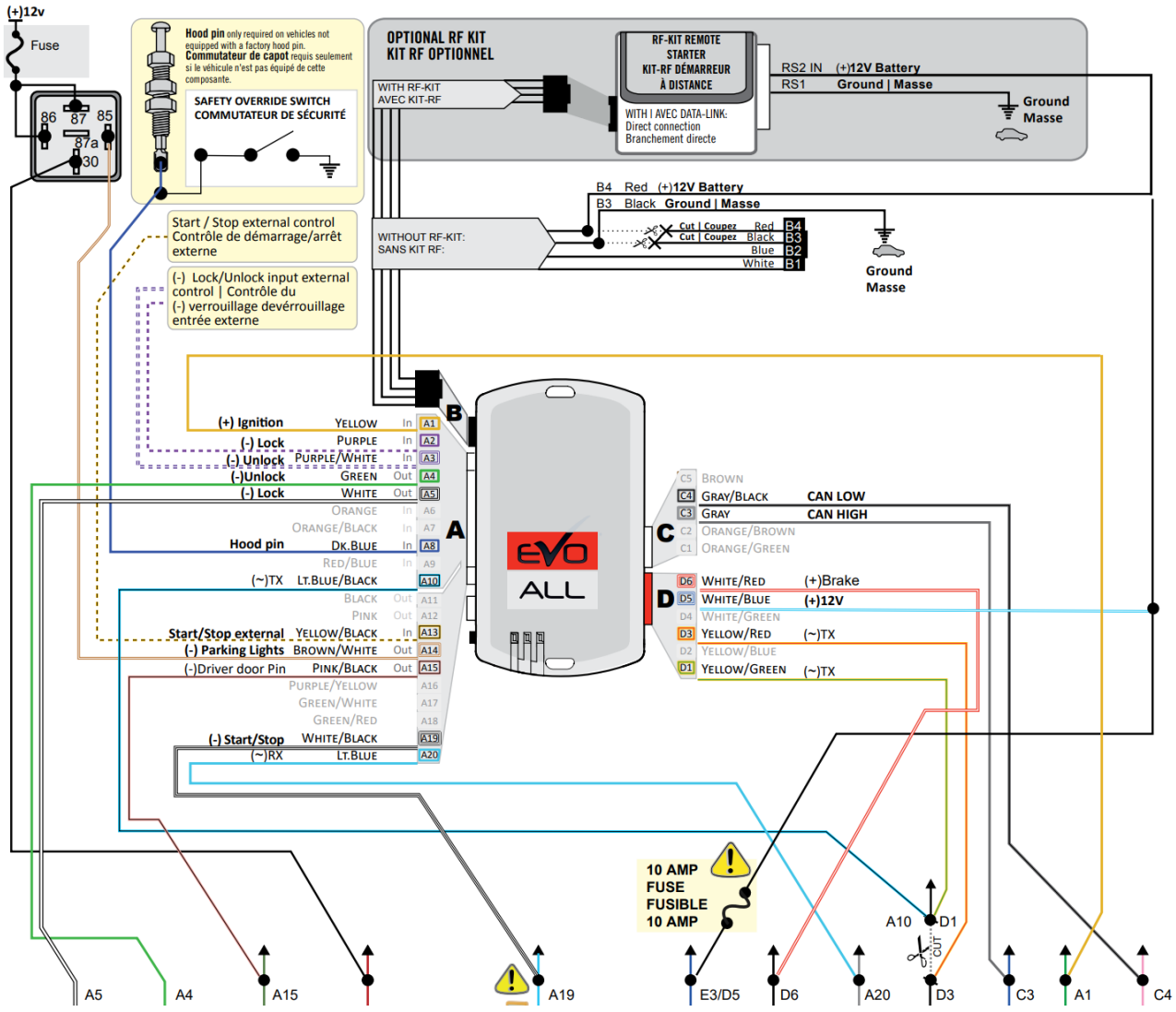
④ **Push-to-Start button**
Au dos du bouton Push-to-Start

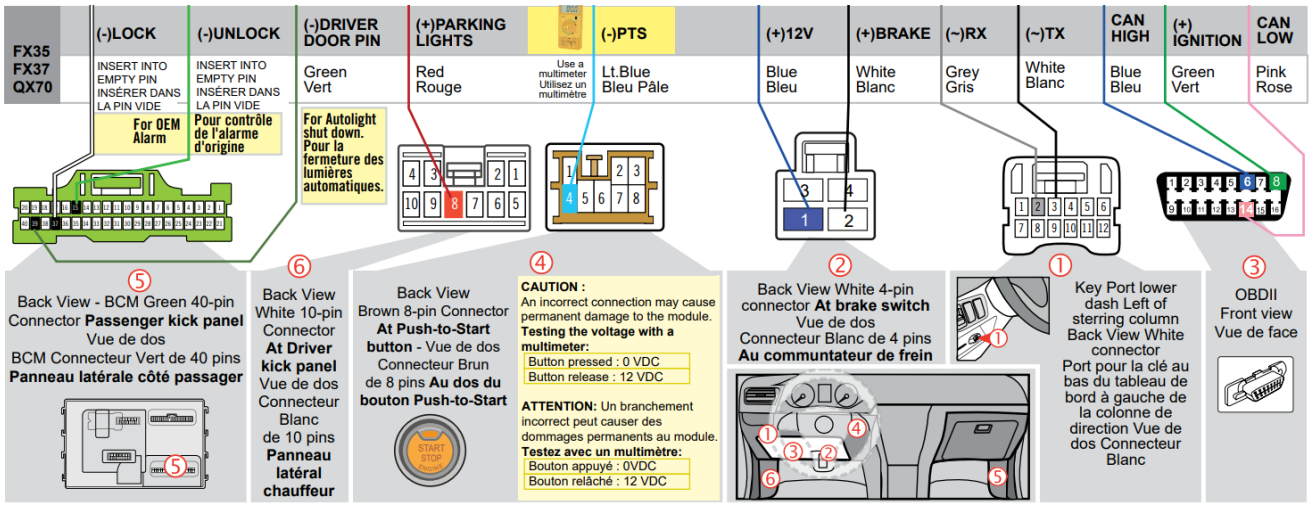


① **Passenger kick panel**
Panneau latérale côté passager

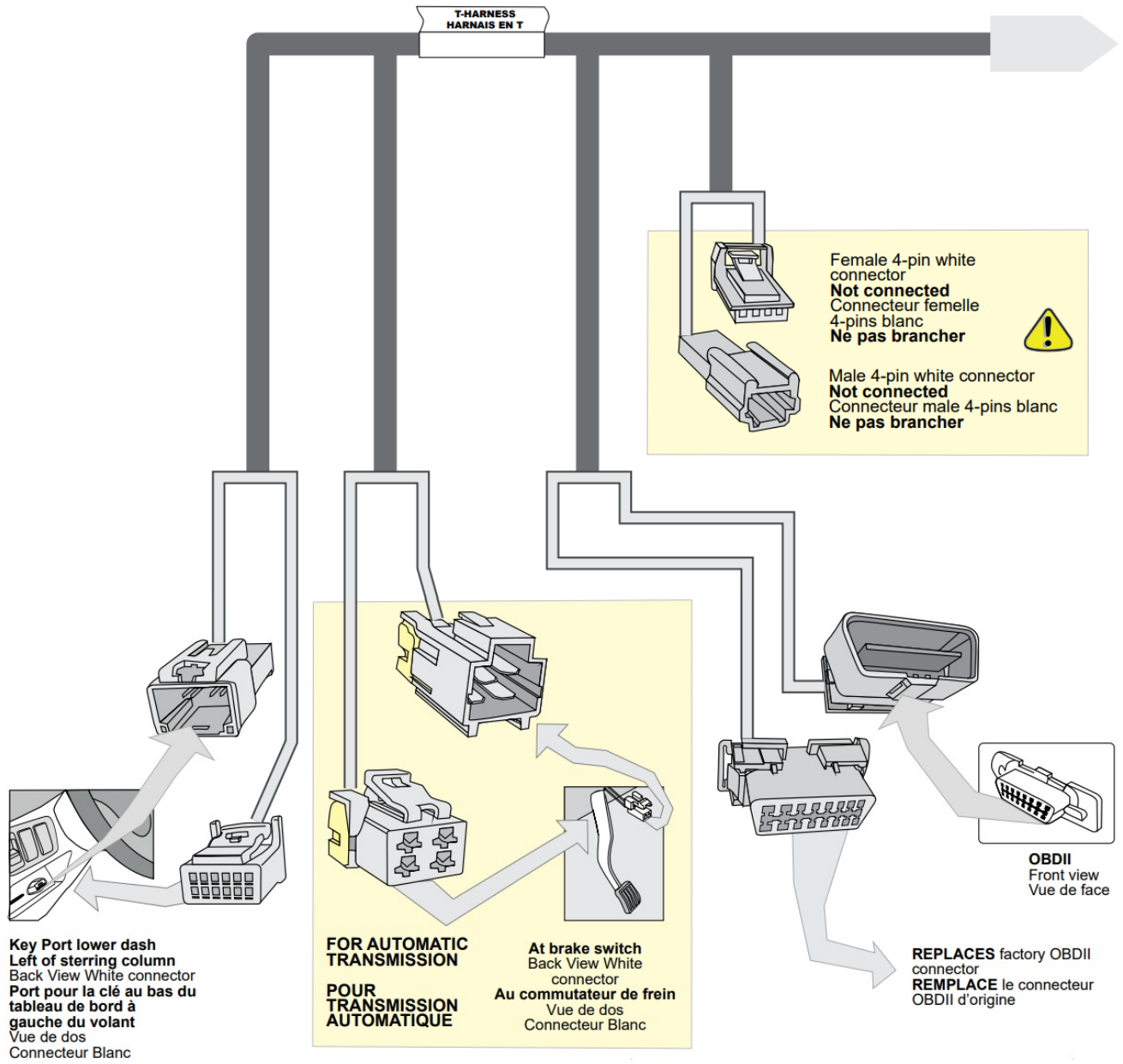


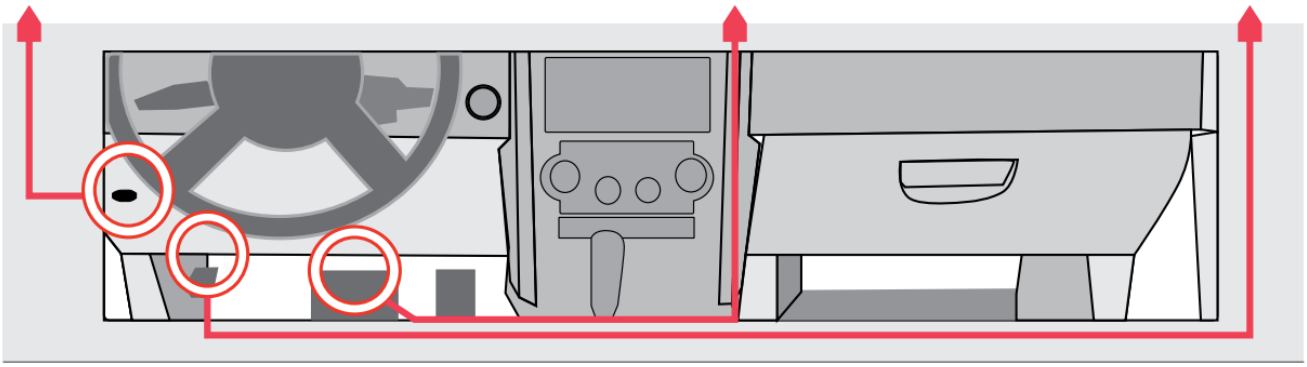
AUTOMATIC TRANSMISSION WIRING CONNECTION



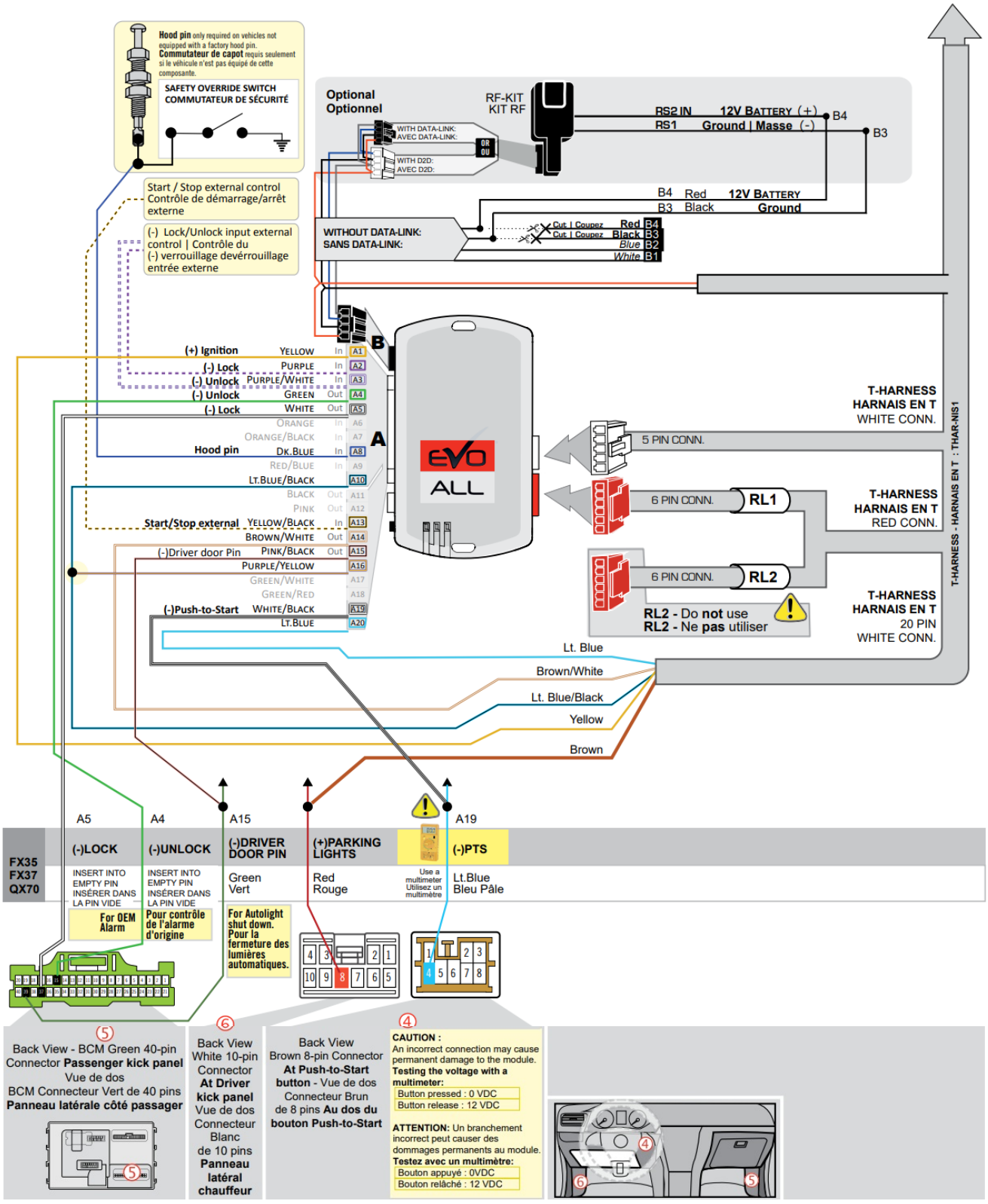


WIRING CONNECTION

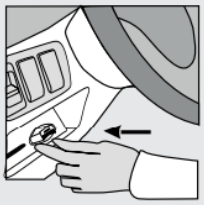




WIRING CONNECTION



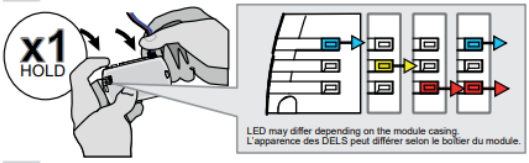
KEY BYPASS PROGRAMMING PROCEDURE 1/2



Insert the key in to the key port.

Insérez la clé dans le port de la clé.

1



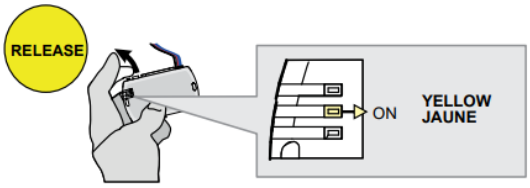
Press and **hold** the programming button: **Connect** the 4-PIN Data-link harness (Black connector).

↳ 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.*

2

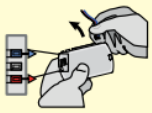


Release the programming button when the LED is YELLOW.

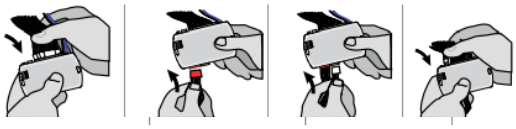
Relâchez le bouton de programmation quand la DEL est JAUNE.

*If the LED is not solid YELLOW **disconnect** the 4-Pin connector (Main-Harness) and **go back** to step 1.*

*Si le DEL n'est pas JAUNE **débranchez** le connecteur 4 pins (Connecteur principal et **allez** au début de l'étape 1.*



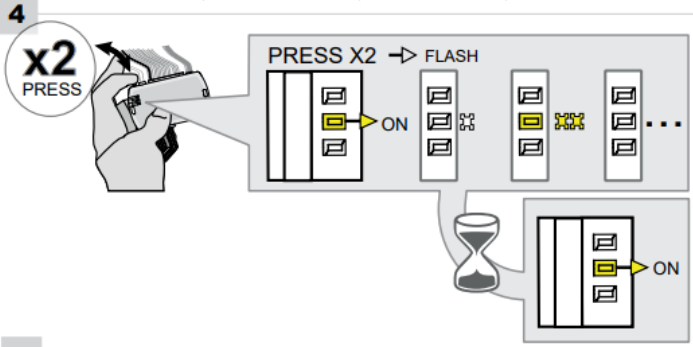
3



Insert the required remaining connectors.

Insérez les connecteurs requis restants.

4



Press and release the programming button two (2x) times.

↳*The YELLOW LED will flash 2 times each second.*

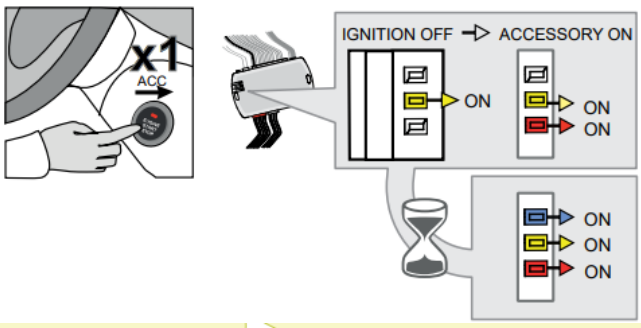
↳**WAIT** *for the YELLOW LED to turn ON solide.*

Appuyez et **relâchez 2** fois le bouton de programmation.

↳ *La DEL JAUNE clignote2 fois chaque seconde.*

↳**ATTENDRE** *que la DEL JAUNE s'allume solide.*

5



Press and **release** the Push-to-Start button once (x1).

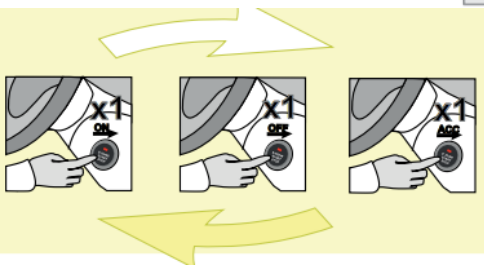
↳ The RED LED will turns ON

Appuyez et **relâchez** 1 fois sur le bouton démarrage.

↳ La DEL ROUGE s'allume.

↳***Wait*** *for the BLUE LED to turn ON.*

↳***Attendre*** *que la DEL BLEU s 'allume solide.*



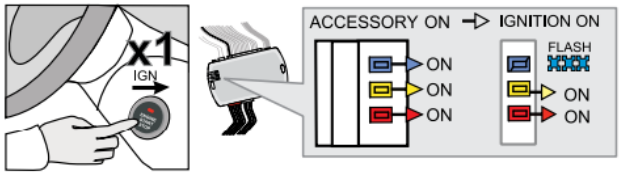
If the BLUE, YELLOW and RED LED's are not solid, press and **release** the **PTS button** twice to turn OFF the engine and then press and **release** the **PTS button** once again **to turn the Accessory ON.**

Repeat this step until the BLUE, YELLOW and RED LED's are solid.

Si les DELs ne sont pas DELs BLEU, JAUNE et ROUGE solide, appuyez et relâchez 2 fois sur le bouton poussoir pour éteindre le **moteur et** appuyer 1 **fois pour** Accessoire,

Répétez cette **étape** jusqu'à ce que les DELs BLEU, JAUNE et ROUGE s'allument.

6



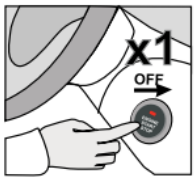
Press and **release** the Push-to-Start button once (x1) to turn **On ignition.**

↳***Wait*** *for the BLUE LED to flash rapidly.*

Appuyez et **relâchez** 1 fois sur le bouton démarrage pour allumer l 'ignition.

↳***Attendre*** *que la DEL BLEU clignote rapidement.*

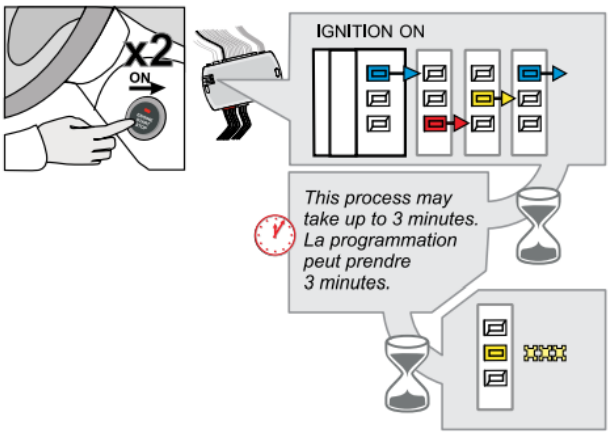
7



Press and **release** the Push-to-Start button once to shut off the ignition.

Appuyez et **relâchez** 1 fois sur le bouton démarrage (Push-to-Start) pour éteindre l'ignition.

8



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

↳The BLUE, YELLOW and RED LED's will rapidly alternate.

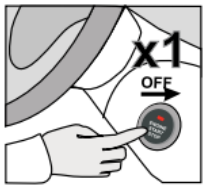
The YELLOW LED begins to flash rapidly: Key bypass programmed.

Appuyez et **relâchez** 2 fois sur le bouton démarrage (Push-to-Start) pour allumer l'ignition.

↳*Les DELs alternent rapidement entre BLEU, JAUNE et ROUGE.*

La DEL JAUNE clignote rapidement: Contournement de clé programmée.

9



Press and **release** the Push-to-Start button once to shut off the ignition.

Appuyez et **relâchez** une fois sur le bouton démarrage (Push-to-Start) pour éteindre l'ignition.

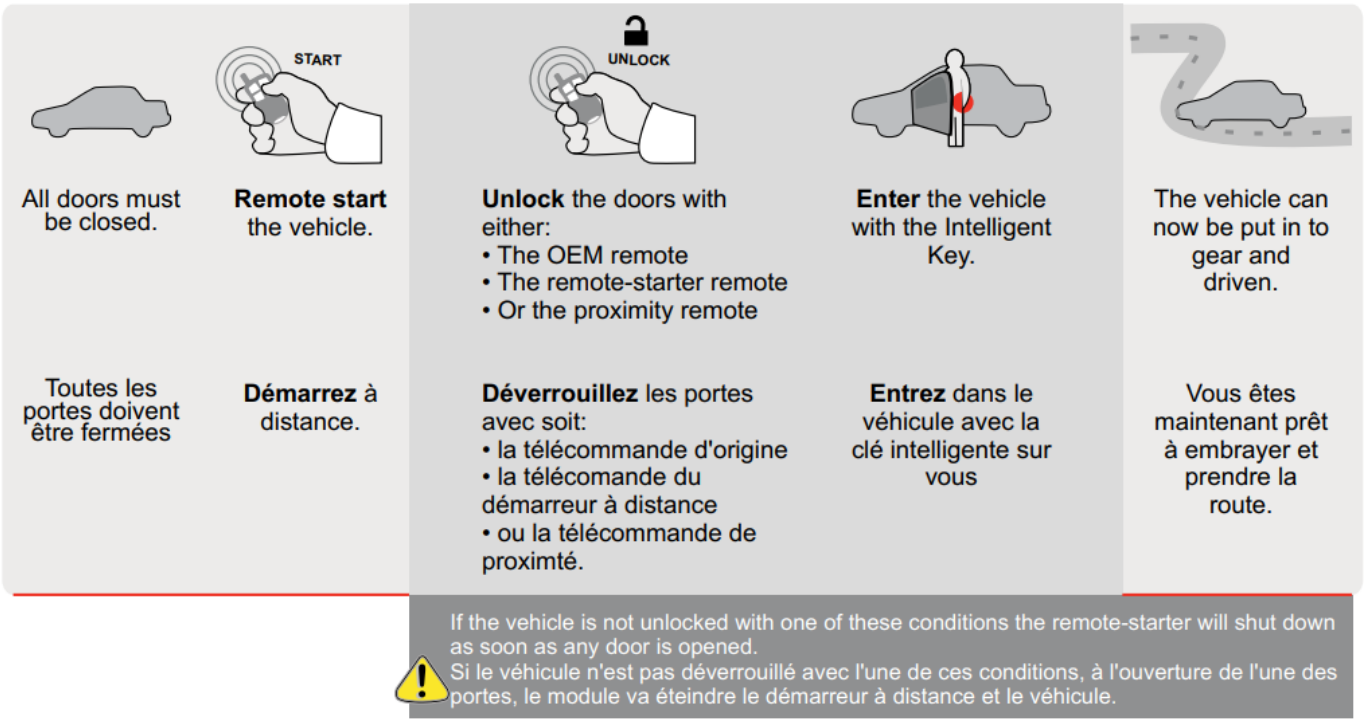
The module is now programmed.

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



Notice: Updated Firmware and Installation Guides
Updated fi rmware 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.

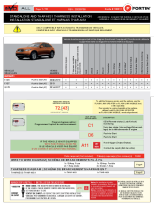
WARNING
The information on this sheet is provided on an (as is) basis with no representation or warranty of accuracy whatsoever. It is the sole responsibility of the installer to check and verify any circuit before connecting to it. Only a computer safe logic probe or digital multimeter should be used. 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 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
- www.fortinbypass.com

Documents / Resources

	**FORTIN FX35 Push Button And Alarm Systems** [pdf] Installation Guide FX35 Push Button And Alarm Systems, FX35, Push Button And Alarm Systems, Button And Alarm Systems, Alarm Systems

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

Manuals+,