



# FORTIN 97331 EVO-ALL 2020 Ford Transit Keyless Std Remote Starters and Systems Installation Guide

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**FORTIN 97331 EVO-ALL 2020 Ford Transit Keyless Std Remote Starters and Systems**



## Product Information

The product is an immobilizer bypass system designed for Ford Transit vehicles without keyless entry. It allows for the bypassing of the vehicle's immobilizer system and provides various functionalities such as lock, unlock, arm, disarm, RAP disable, tachometer, door status, trunk status, hood status, hand-brake status, foot-brake status, and active OEM remote start. The firmware version of the product is 71.[52].

## Product Usage Instructions

To add the firmware version and options, you will need to use either the FLASH LINK UPDATER or FLASH LINK MOBILE tool, which are sold separately. These tools allow for the programming of bypass options. If your vehicle is not equipped with a functional hood pin, you will need to install one. The hood pin switch is a mandatory safety element. If your vehicle can be remote started with the hood open, you need to set function A11 to OFF.

It is important to note that the installation of safety elements, such as the hood pin, is mandatory. This module should be installed by a qualified technician to avoid any permanent damage to the vehicle. The product package includes a FLASH LINK UPDATER or FLASH LINK MOBILE tool, depending on your preference. For the FLASH LINK UPDATER, you will need a Microsoft Windows computer with an internet connection. Alternatively, you can use FLASH LINK MOBILE with a smartphone (Android or iOS) with an internet connection (provider charges may apply). There are different options for program bypass depending on your needs. You can program the bypass option with OEM remote start or with an RF KIT antenna. The product also provides remote starter diagnostics through LED indicators. The red LED on the module will flash a certain number of times to indicate the status, such as no tach, ignition, or hood open. It is recommended to cut the warning card provided and stick it on a visible place or use the package RSPB (sold separately). The warning card reminds you that the vehicle can be started by pressing the lock button on the OEM remote three times consecutively or by using a smartphone. It also advises turning on the safety switch located under the dashboard before working on the vehicle. The package includes a THAR-FOR2 harness, vehicle keys for programming, a diode, and a relay.

## STANDALONE & THAR-FOR2 INSTALLATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.  
COMPATIBLE AVEC VÉHICULE À TRANSMISSION AUTOMATIQUE SEULEMENT.



VEHICLE  
VEHICULES

YEARS  
ANNÉES

Vehicle functions supported in this diagram (functional if equipped) | Fonctions du véhicule supportées dans ce diagramme (fonctionnelles si équipé)

VEHICLE VEHICULES	YEARS ANNÉES	Immobilizer bypass Contournement d'immobilisateur	Lock	Unlock	Arm	Disarm	RAP Disable	Tachometer	Door Status	Trunk Status	Hood Status*	Hand-Brake Status	Foot-Brake Status	Active OEM Remote Start
<b>FORD</b>														
Transit	Without Keyless 2020-2022	•	•	•	•	•	•	•	•	•	•	•	•	•



FIRMWARE VERSION  
VERSION LOGICIELLE

**71.[52]**

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.



Program bypass option:  
Programmez l'option du contournement:

UNIT OPTION  
OPTION UNITÉ

**C1**

DESCRIPTION

OEM Remote status (Lock/Unlock) monitoring

Suivi des status (Verrouillage/Déverrouillage) de la télécommande d'origine

Program bypass option  
(Vehicle diesel only):  
Programmez l'option du contournement  
(vehicule diesel seulement):

**D1.3**

Diesel mode (Vehicle diesel only)

Mode diesel (vehicule diesel seulement)

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).

### 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.



**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.

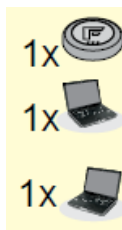
## PARTS REQUIRED (NOT INCLUDED)

1x FLASH LINK UPDATER,

1x FLASH LINK MANAGER

SOFTWARE | PROGRAMME

Microsoft Windows Computer with Internet connection Ordinateur Microsoft Windows avec connection Internet

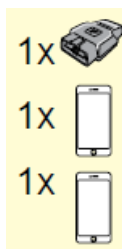


1x FLASH LINK MOBILE

1x FLASH LINK MOBILE APP

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

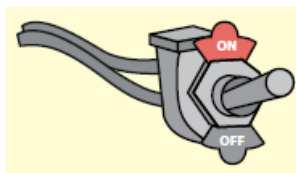
Téléphone Intelligent Android ou iOS avec connection Internet (frais du fournisseur Internet peuvent s'appliquer).



## MANDATORY HOOD PIN






## REMOTE START SAFETY OVERRIDE SWITCH



**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

	<b>Program bypass option</b> <b>OEM Remote Stand Alone Remote Starter:</b> Programmez l'option du contournement <b>Démarrateur à distance Autonome</b> <b>avec télécommande d'origine :</b>	UNIT OPTION OPTION UNITE	DESCRIPTION
		OR OU <b>D1.10</b> <b>D1.1</b>	By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE, VERROUILLE, VERROUILLE LOCK, UNLOCK, LOCK VERROUILLE, DÉVERROUILLE, VERROUILLE
	<b>Program bypass option with oem remote:</b> Programmez l'option du contournement <b>avec télécommande d'origine:</b>	UNIT OPTION OPTION UNITE	DESCRIPTION
		<b>C1</b>	OEM Remote Monitoring Supervision de la télécommande d'origine
	<b>Program bypass option with RF KIT antenna:</b> Programmez l'option du contournement <b>avec antenne RF:</b>	UNIT OPTION OPTION UNITE	DESCRIPTION
		<b>H1 to H6</b> <b>H1 à H6</b>	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			
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.

### 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.

## DESCRIPTION

## Parts required (Not included)

WIRE TO WIRE DIAGRAM

2x Vehicle key for programming

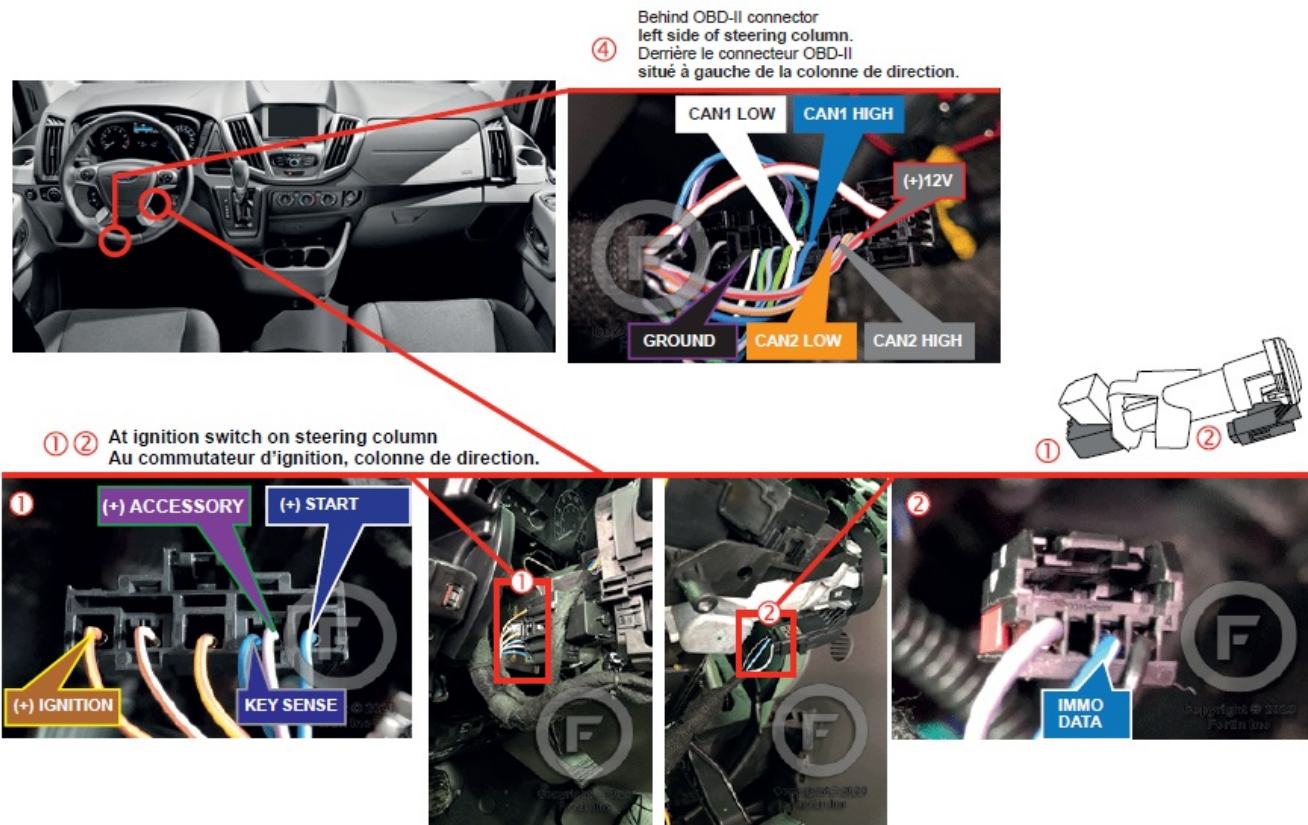
2x Diode 1Amp Diodes 1Amp

1x Relay

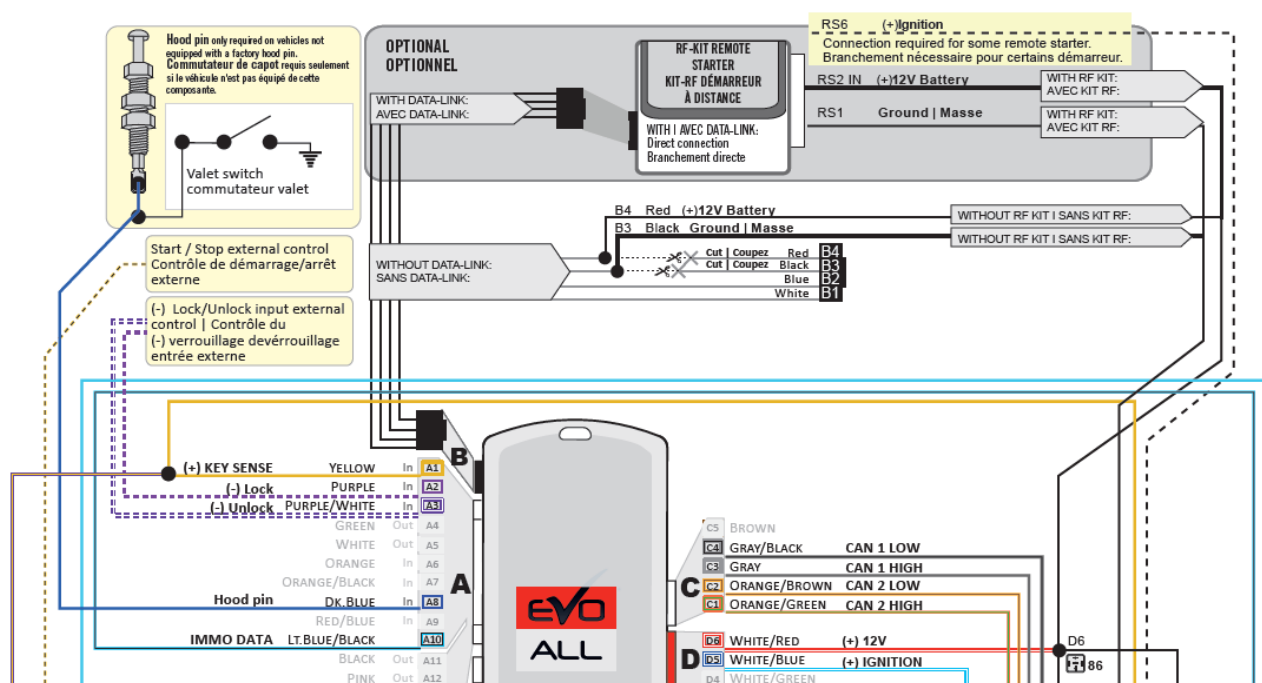
## THARNESS DIAGRAM

THARNESS THAR-FOR2 1x THAR-FOR2 THAR-FOR2

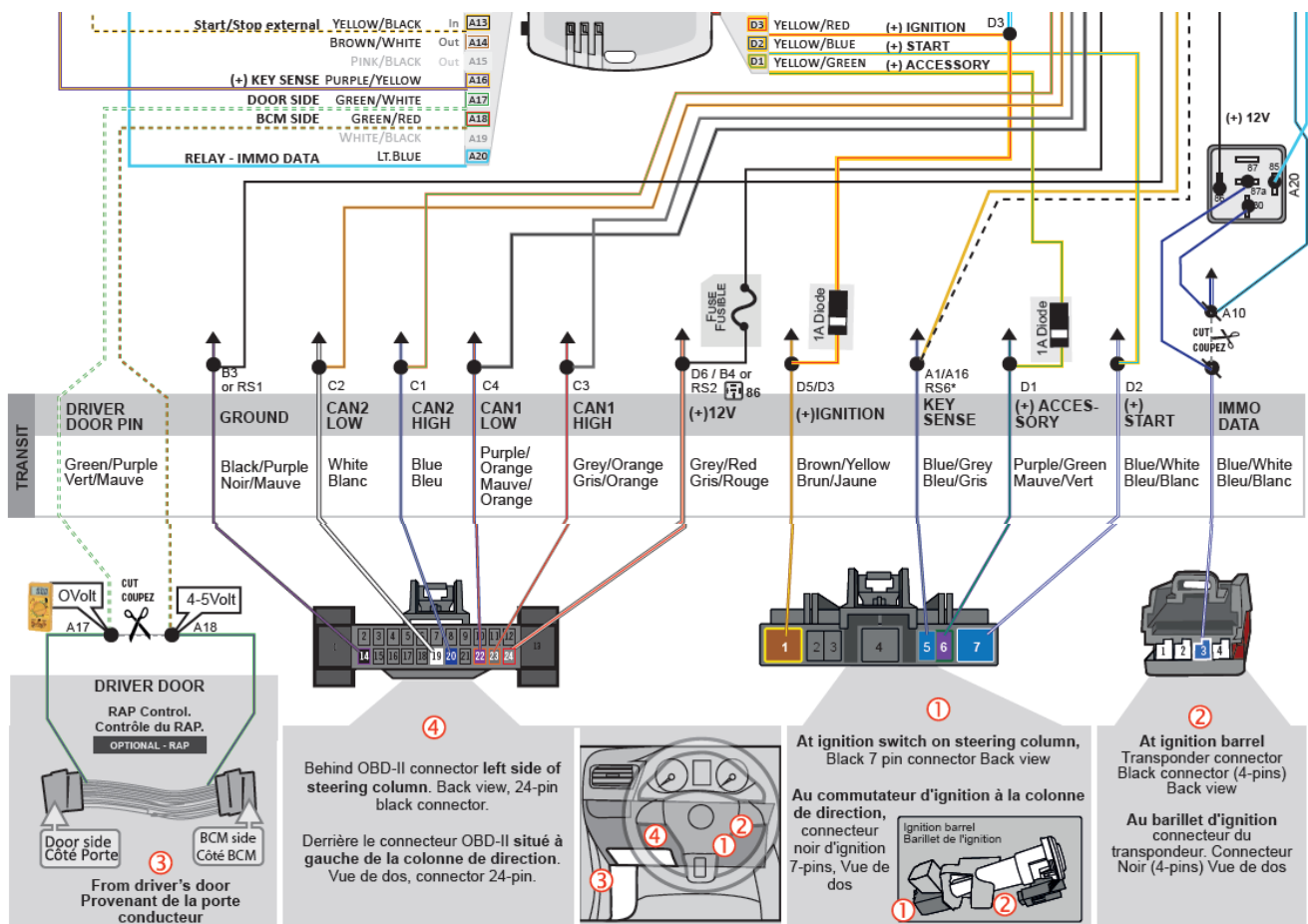
2x Vehicle key for programming



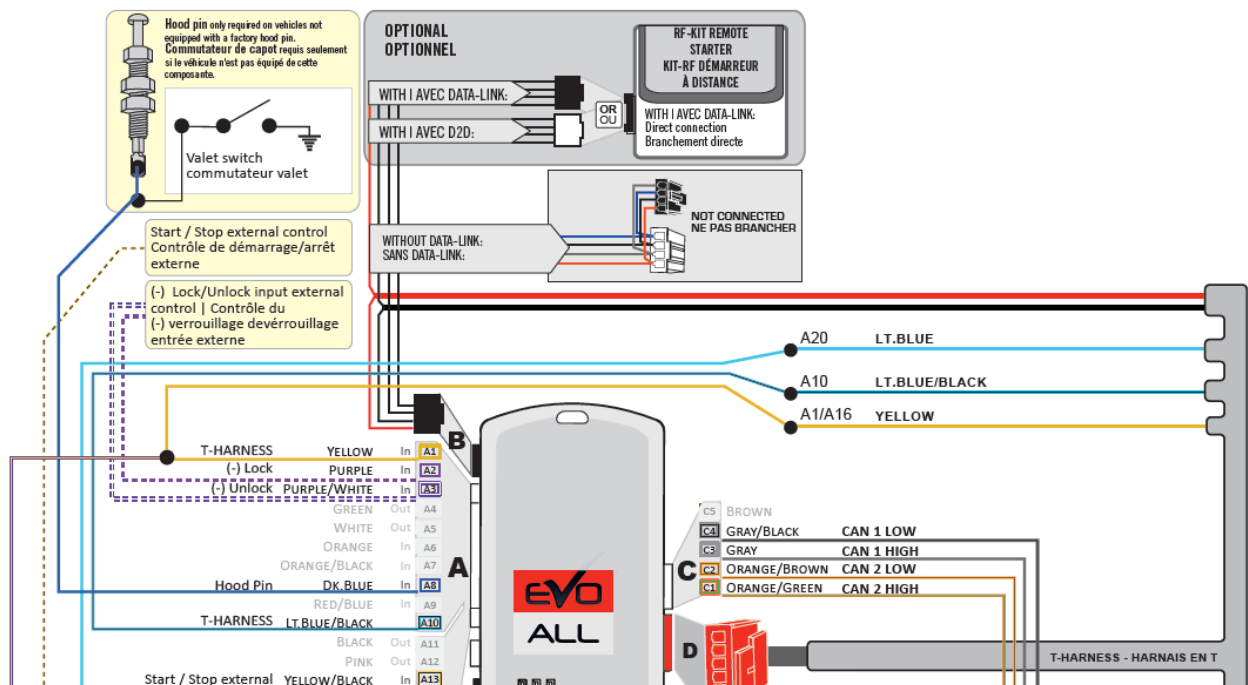
## AUTOMATIC TRANSMISSION WIRING CONNECTION

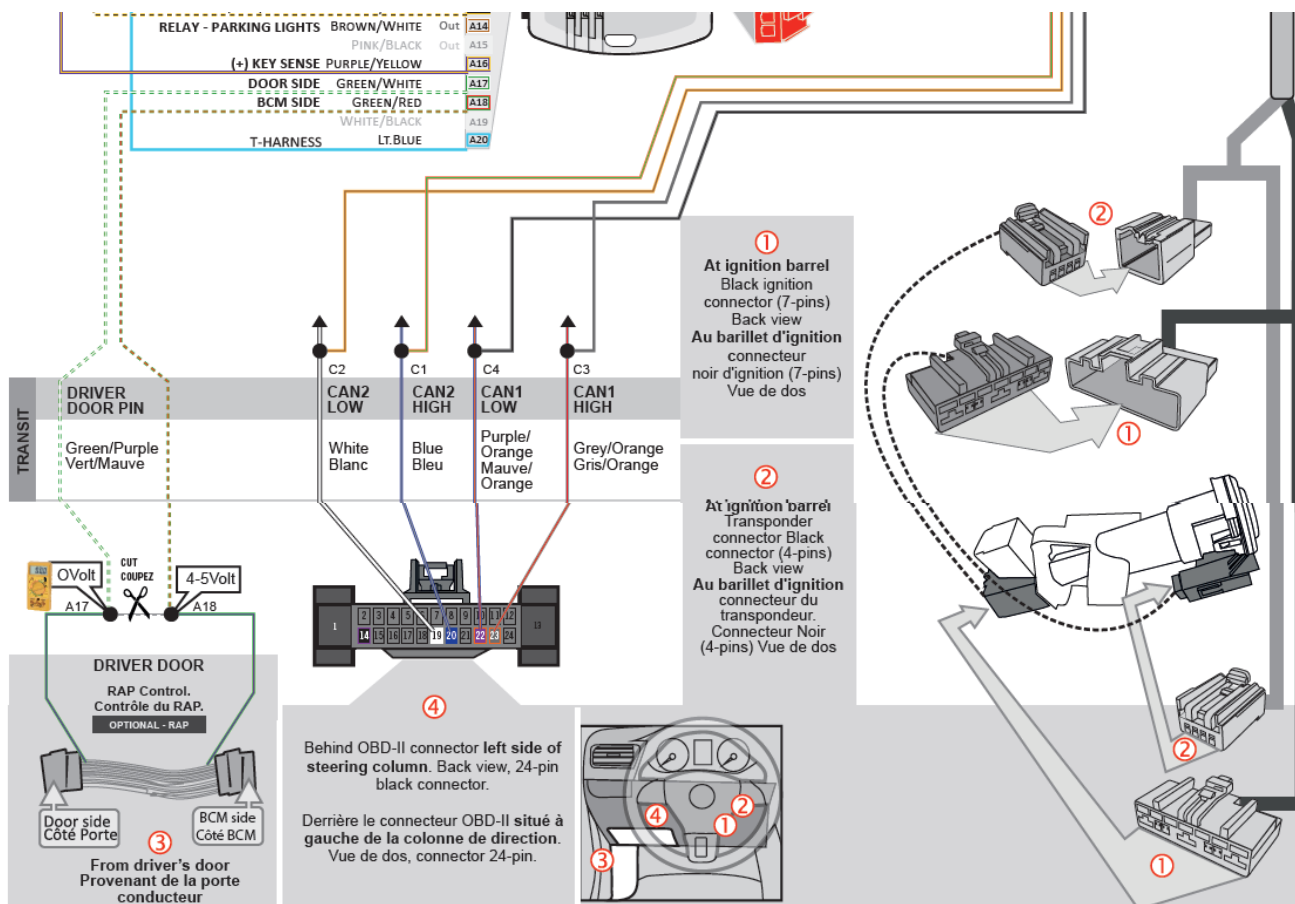






## THAR-FOR2





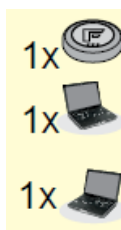
## DCRYPTOR PROGRAMMING

1x FLASH LINK UPDATER,

1x FLASH LINK MANAGER

SOFTWARE | PROGRAMME

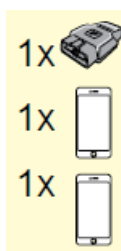
Microsoft Windows Computer with Internet connection Ordinateur Microsoft Windows avec connection Internet



1x FLASH LINK MOBILE

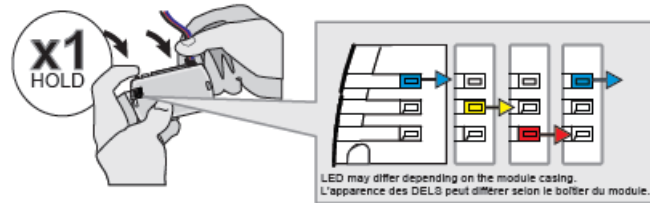
1x FLASH LINK MOBILE APP

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

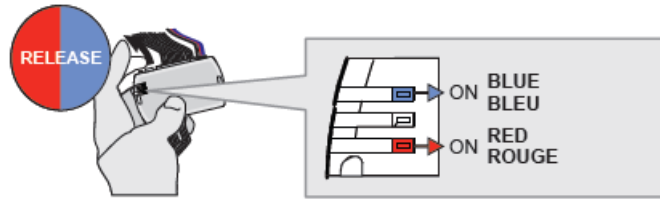




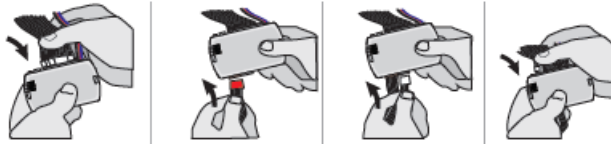
1



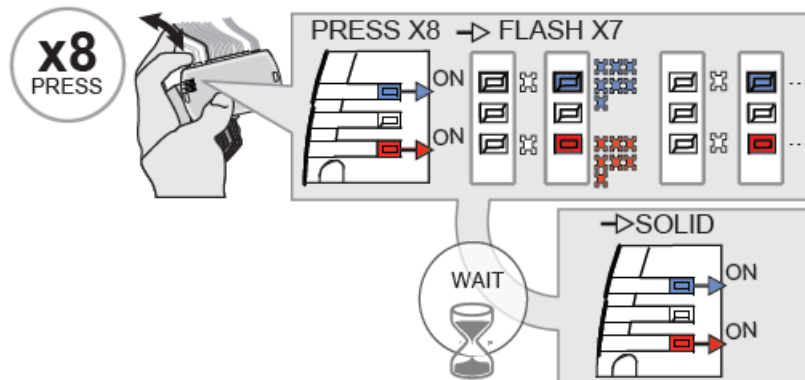
2



3



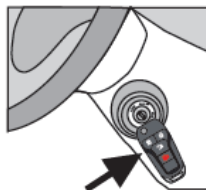
4



### WITH FLIP KEY | AVEC CLÉ FLIP

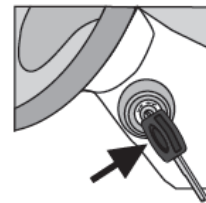


**Flip** the key blade inside the key.  
**Rentrez** la lame de la clé à l'intérieur de la clé.



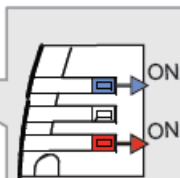
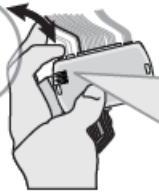
**Place** the key #1 in front of the ignition barrel.  
**Placez** la clé #1 devant le barillet d'ignition.

### WITHOUT FLIP KEY | SANS CLÉ FLIP

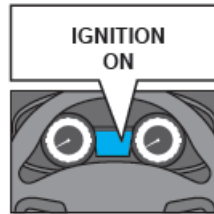
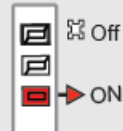


**Place** the back of the key #1 in front of the ignition barrel.  
**Placez** le dos de la clé #1 devant le barillet d'ignition.

6

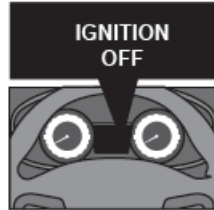
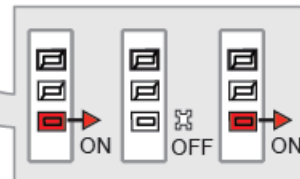
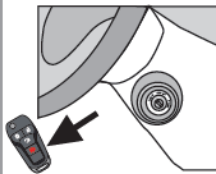
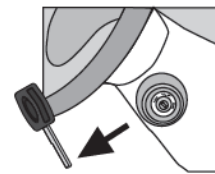
KEY#1  
CLÉ#1OR  
OUx1  
PRESS

→ PRESS X1

IGNITION  
ON

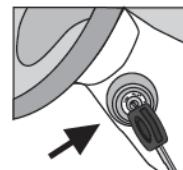
WAIT

WAIT

IGNITION  
OFFWITH FLIP  
KEY  
AVEC CLÉ  
FLIPRemove the  
key #1.  
Retirez la  
clé #1.WITHOUT  
FLIP KEY  
SANS  
CLÉ FLIPRemove the  
key #1.  
Retirez la  
clé #1.

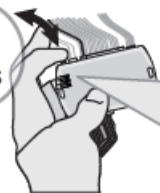
Wait, 3 seconds.

Attendre 3 secondes.

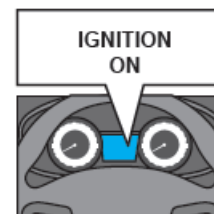
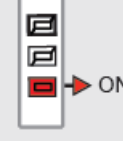
WITH FLIP  
KEY  
AVEC CLÉ  
FLIPPlace the key #2 in front  
of the ignition barrel.  
Placez la clé #2 devant  
le barillet d'ignition.WITHOUT  
FLIP KEY  
SANS  
CLÉ FLIPPlace the back key #2 in  
front of the ignition barrel.  
Placez le dos de la clé #2  
devant le barillet d'ignition.

7

7

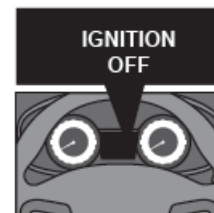
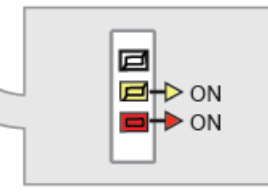
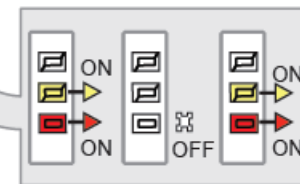
KEY#2  
CLÉ#2OR  
OUx1  
PRESS

→ PRESS X1

IGNITION  
ON

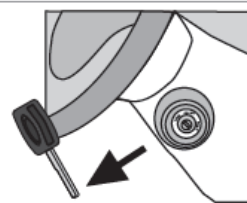
WAIT

WAIT

IGNITION  
OFF

A diagram showing a hand holding a remote control near the driver's side door handle. An arrow points from the remote control towards the door handle, indicating the correct placement for the keyless entry system.

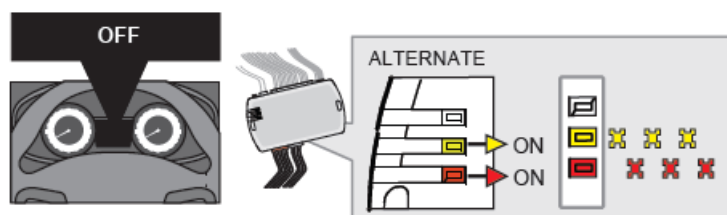
WITHOUT  
FLIP KEY  
SANS  
CLÉ FLIP



**Remove** the  
key #2.  
**Retirez** la  
clé #2.

**IGNITION**

**FLASH RAPIDLY**



**OR**

**OU**

**FLASH LINK UPDATER\***

**FLASH LINK MANAGER\***


**FLASH LINK MOBILE\***

**VEHICLE'S OBDII CONNECTOR**  
CONNECTEUR OBDII DU VÉHICULE

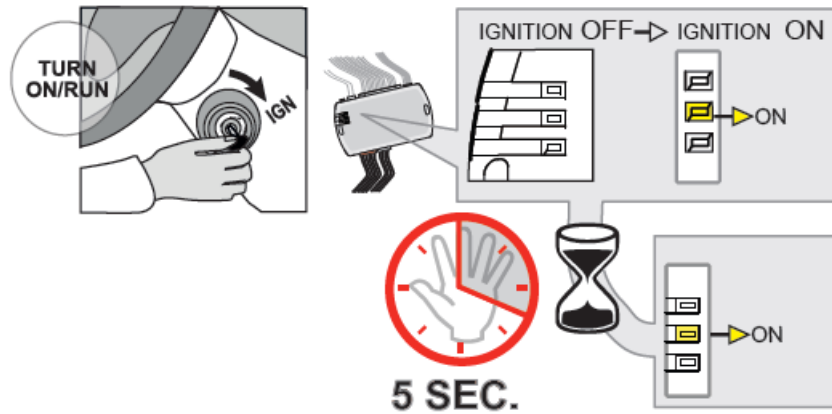
**Smartphone\***  
(Internet provider charges may apply)

**Téléphone Intelligent\***  
(des frais du fournisseur Internet peuvent s'appliquer)

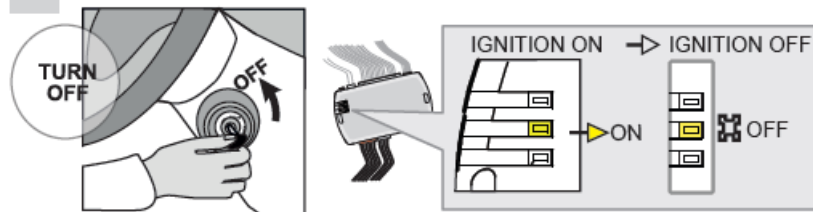
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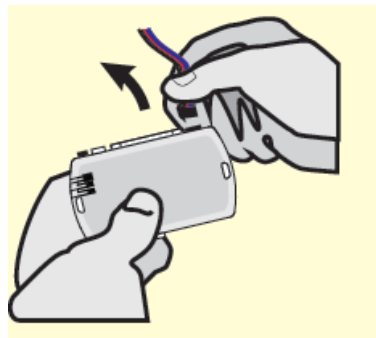
12



13



1. Press and hold Insert the programming button: the 4-Pin (Data-Link) connector
  1. The Blue, Red, Yellow and Blue & Red LED's will alternatively illuminate
2. Release the programming button when the LED's are RED and BLUE. If the LED's are not solid BLUE and RED the 4- Pin connector (Data-Link) and go back to step 1.



3. Insert the required remaining connectors.
4. Press and release the programming button eight (8x) times.
  1. The RED and BLUE LED's will alternate between 7 flashes and a pause.  
Wait,
  2. The RED and BLUE LED's will turn ON solid.
5. KEY#1
6. Press and release the programming button once.
  1. The BLUE LED will turn OFF.  
The vehicle's ignition will turn ON.
  2. The RED LED will stay ON.  
The vehicle's ignition will turn OFF.
  3. The RED LED will turn OFF then ON solid.
7. Press and release the programming button once. The vehicle's ignition will turn ON
  1. The YELLOW LED will turn ON solid.  
The vehicle's ignition will turn OFF.


2. The RED and YELLOW LED's will turns OFF then ON solid.
8. Wait, The vehicle's ignition will turn ON.
  1. The BLUE LED will flash rapidly.  
The vehicle's ignition will turn OFF.
  2. The RED and YELLOW LED's will alternated.
9. Disconnect all the connectors and after the Data-Link (4-pins) 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 4-Pin (Data-Link) connector and after, all the remaining connector
12. Turn the key to the Ignition ON/RUN position.
  1. The YELLOW LED will turn ON.  
Wait, at least 5 seconds, do not disconnect the modules or turn off the ignition.
  2. The YELLOW LED is still ON.
13. Turn the key to the OFF position  
The YELLOW will turn OFF.

The module is now programmed.



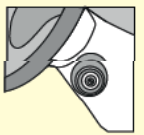
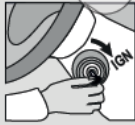




REMOTE STARTER / ALARM VERIFICATION

Test the remote starter. Remote start the vehicle.

## OPTIONAL RF-KIT PROGRAMMING

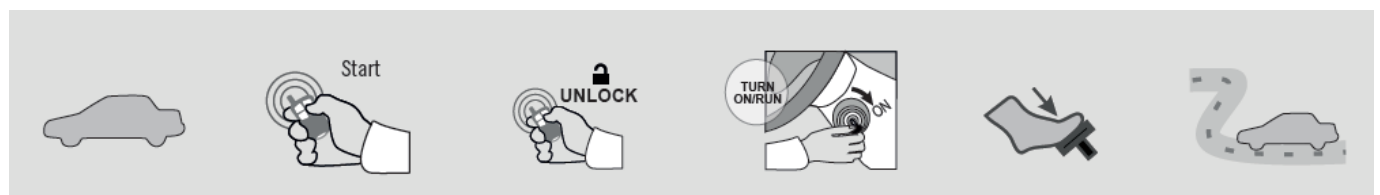
PROGRAM BYPASS OPTION   PROGRAMMATION DES OPTIONS DE CONTOURNEMENT			
	<p>Program bypass option: Programmez l'option du contournement :</p>	<h1>H2</h1>	<div> <input checked="" type="checkbox"/> Supported RF-KITS enable           <div> <input checked="" type="checkbox"/> <b>H2</b> Fortin 2           </div> </div> <div> <input checked="" type="checkbox"/> Activation KITS RF supporté           <div> <input checked="" type="checkbox"/> <b>H2</b> Fortin 2           </div> </div>

## OPTIONAL FORTIN RF KIT SERIES 4 OR SERIES 9 PROGRAMMING

 <p>The module must be programmed on the vehicle.</p> <p>Le module doit être <b>programmé</b> sur le véhicule.</p>   <p><b>MAKE SURE THE IGNITION KEY HAS BEEN IN THE OFF POSITION FOR AT LEAST 5 SECONDS.</b></p> <p><b>ASSUREZ-VOUS QUE LA CLÉ DE CONTACT EST À LA POSITION OFF DEPUIS AU MOINS 5 SECONDES.</b></p>	<p><b>1</b></p> <p><b>ON</b> TURN ON/RUN</p>  <p>Turn the key to the ON/RUN position.</p> <p><b>Tournez la clé à la position ON/RUN.</b></p> <p>The YELLOW LED will turn ON solid.</p> <p>La DEL JAUNE s'allumera solide.</p>	<p><b>2</b></p> <p><b>OFF</b> TURN OFF</p>  <p>Turn the ignition to the OFF position.</p> <p><b>Tournez la clé à la position ARRÊT (OFF).</b></p> <p>The YELLOW LED will turn Off.</p> <p>La DEL JAUNE s'éteindra.</p>	<p><b>3</b></p> <p><b>ON</b> TURN ON/RUN</p>  <p>Turn the key to the ON/RUN position.</p> <p><b>Tournez la clé à la position ON/RUN.</b></p> <p>The LED will turn ON solid.</p> <p>Le témoin s'allumera.</p> <p>The YELLOW LED will turn ON solid.</p> <p>La DEL JAUNE s'allumera solide.</p>	<p><b>4</b></p> <p><b>4X BRAKES</b></p> <p>x4 PRESS</p>  <p>Press and release the brake pedal four times.</p> <p><b>Appuyez et relâchez quatre fois la pédale de frein.</b></p> <p>The LED will turn off each time.</p> <p>Le témoin s'éteindra chaque fois.</p> <p>The LED will flash rapidly.</p> <p>Le témoin clignotera rapidement.</p> <p>The 3 LED will turn ON solid.</p> <p>Les 3 DELs s'allumeront solide.</p>	<p><b>5</b></p> <p>ON EACH TRANSMITTER SUR CHACUNE DES TÉLÉCOMMANDES</p> <p><b>4 BUTTONS 4 BOUTONS</b></p> <p>PRESS AND RELEASE APPUYEZ ET RELÂCHEZ</p> <p>PRESS AND RELEASE APPUYEZ ET RELÂCHEZ</p> <p><b>1 BUTTON 1 BOUTON</b></p> <p>PRESS APPROX. 12 SEC. AND WAIT FOR THE BLUE LED TO TURN OFF THEN BACK ON SOLID THEN RELEASE.</p> <p>APPUYEZ ET TENEZ ENFONCÉ LE POUR APPROX. 12 SEC, LA DEL BLEUE S'ÉTEINT ET S'ALLUME SOLIDE, ENSUITE RELÂCHEZ.</p> <p>The LED will turn off each time.</p> <p>Le témoin s'éteindra chaque fois.</p> <p>The LED will flash rapidly.</p> <p>Le témoin clignotera rapidement.</p> <p>The 3 LED will turn off each time.</p> <p>Les 3 DELs s'éteindront chaque fois.</p>	<p><b>6</b></p> <p><b>OFF</b> TURN OFF</p>  <p>Turn the ignition to the OFF position.</p> <p><b>Tournez la clé à la position ARRÊT (OFF).</b></p> <p>The LED will turn Off.</p> <p>Le témoin s'éteint.</p> <p>The 3 LED will turn off.</p> <p>Les 3 DELs s'éteindront.</p>
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## 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 firmware and download the latest installation guide(s) prior to the installation of



this product.

If the vehicle is not unlocked with one of these conditions the remote-starter will shut down as soon as any door is opened.

## 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](http://www.fortinbypass.com) to get the latest version.

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## TECH SUPPORT

Tél: 514-255-HELP (4357)

1-877-336-7797

ADDENDUM GUIDE

[www.fortinbypass.com](http://www.fortinbypass.com)

WEB UPDATE

## Documents / Resources



[FORTIN 97331 EVO-ALL 2020 Ford Transit Keyless Std Remote Starters and Systems](#) [pdf] Installation Guide

97331 EVO-ALL 2020 Ford Transit Keyless Std Remote Starters and Systems, 97331 EVO-ALL , 2020 Ford Transit Keyless Std Remote Starters and Systems, Remote Starters and Systems, Starters and Systems

## References

- [wah damn solid](#)
- [Remote Car Starters, Car Alarms, Immobilizer Bypass and Connected Vehicle Solutions | Fortin Electronic Systems](#)