



FORTIN 68771 All-In-One Data Interface Remote Starter Installation Guide

[Home](#) » [FORTIN](#) » FORTIN 68771 All-In-One Data Interface Remote Starter Installation Guide 

Contents

- [1 FORTIN 68771 All-In-One Data Interface Remote Starter](#)
- [2 WIRING / CONNECTION GUIDE](#)
- [3 PROGRAMMING REMOTE TRANSMITTER\(S\)](#)
- [4 FUNCTION PROGRAMMING](#)
- [5 FUNCTION](#)
- [6 DISARM / ENTER / EXIT VALET MODE](#)
- [7 WARNING](#)
- [8 Technical support](#)
- [9 Documents / Resources](#)
 - [9.1 References](#)
- [10 Related Posts](#)

FORTIN®

FORTIN 68771 All-In-One Data Interface Remote Starter



WIRING / CONNECTION GUIDE

(20-PIN) SECONDARY CONNECTOR

| | | | | | | | | |
|-------|-----------------------|---------------|-----|--|-----|---------------|----------------------|-------|
| | (+) Foot Brake | Black | IN | | IN | Yellow | (+) BYPASS IGNITION | |
| 750mA | (-) Parking lights | Pink | OUT | | OUT | Purple | (-) LOCK | 750mA |
| 750mA | (-) Trunk Release/AUX | Yellow/Black | OUT | | OUT | Purple/White | (-) UNLOCK | 750mA |
| | (-) Hand Brake | Brown/White | IN | | OUT | Green | (-) IGNITION | 750mA |
| | (-) Hood/Door | Pink/Black | IN | | OUT | White | (-) START | 750mA |
| | Bypass config. | Purple/Yellow | ⊖ | | OUT | Orange | (-) DISARM | 750mA |
| | Bypass config. | Green/White | ⊖ | | OUT | Orange/Black | (-) HORN/SIREN | 2 Amp |
| | Bypass config. | Green/Red | ⊖ | | OUT | Dk.Blue | (-) GWR/PROGRAMMABLE | 750mA |
| | Bypass config. | White/Black | OUT | | IN | Red/Blue | BYPASS CONFIG. | |
| | Bypass config. | Lt.Blue | ⊖ | | ⊖ | Lt.Blue/Black | BYPASS CONFIG. | |

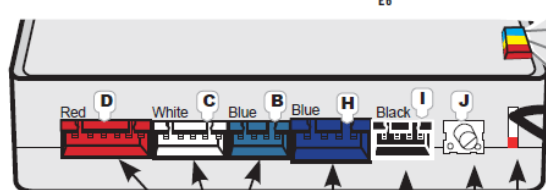
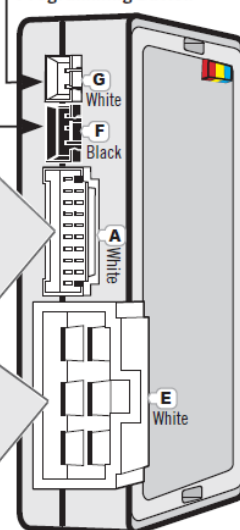
750 mA MAXIMUM OUTPUT. DO NOT EXCEED THE MAXIMUM CURRENT OR PERMANENT DAMAGE TO THE MODULE WILL OCCUR THAT WILL NOT BE COVERED UNDER WARRANTY.

(6-PIN) POWER CONNECTOR

| | | | | | | |
|--------------|--------|-----|--|-----|--------|--|
| Ground | Black | IN | | OUT | White | (+) PARKLIGHTS/IGN2/ACC/START PROGRAMMABLE OUTPUT (FUNCTION 2 & 31) |
| (+) Ignition | Pink | OUT | | OUT | Orange | (+) ACC / IGN2 PROGRAMMABLE OUTPUT (FUNCTION 2 & 31) |
| (+) Starter | Yellow | OUT | | IN | Red | (+) 12V |

(3-PIN) SHOCK SENSOR

(2-PIN) Valet/
Programming Button



| | |
|------------|--------------|
| LED Blue | CAN ACTIVITY |
| LED Yellow | IGNITION ON |
| LED Red | BYPASS DATA |















CUT LOOP FOR
AUTOMATIC
TRANSMISSION
MODE.









DOWNLOAD THE
SPECIFIC VEHICLE
INSTALLATION GUIDE AT:
WWW.FORTIN.CA

PROGRAMMING REMOTE TRANSMITTER(S)

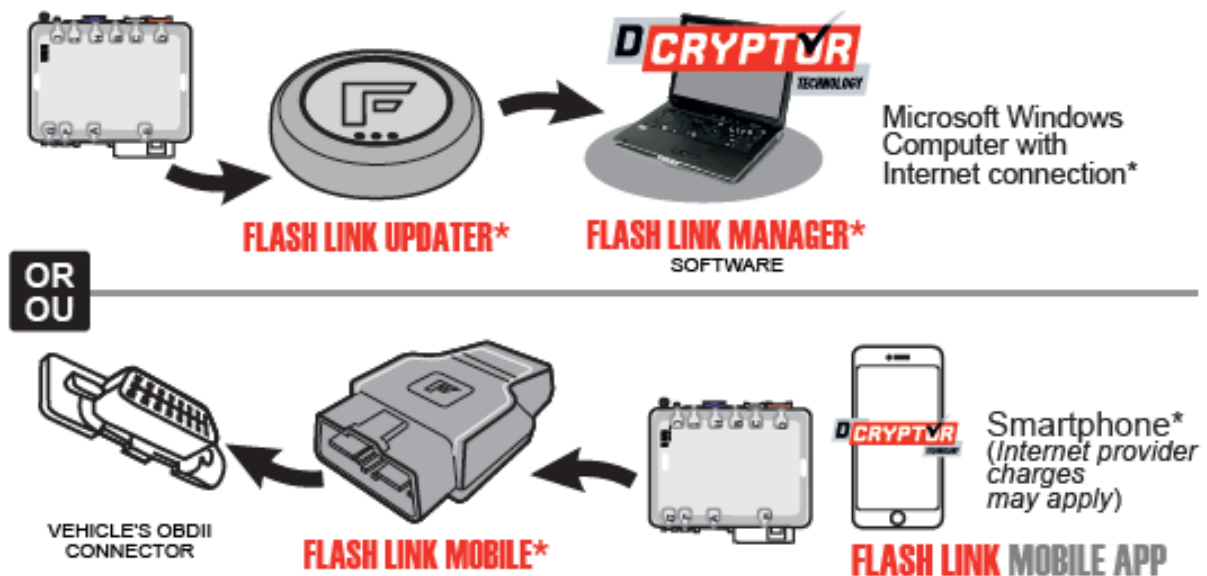
The system can learn up to a maximum of 4 transmitters. Any transmitters can be stored in more than 1 memory slot. When a 5th transmitter is learned the 1st remote is erased (FIFO).

| STEP 1 | STEP 2 | STEP 3 | STEP 4 | STEP 5 | STEP 6 |
|---|---|--|--|---|---|
|  Turn the Ignition ON. | WITH IGNITION SWITCH  Turn the Ignition OFF. |  Turn the Ignition ON. |  The LED will turn ON. x4 Press and release the brake pedal four times. |  On each Transmitter Press and HOLD the  for 12 SECONDS approximately and WAIT for the Blue LED to TURN OFF then back ON SOLID then release  . The LED will stop flashing for a second confirming programming. |  Turn the Ignition OFF to exit programming. |
| WITH VALET SWITCH*  Press and hold the valet switch* until the parking lights turn ON, the horn/siren will chirp. |  x5 Press and hold the valet switch* until the parking lights turn ON, the horn/siren will chirp. | Press and release the valet switch* five time. The parking lights will flash and the horn/siren will chirp each time to confirm. |  x1 Press and release the brake pedal once. |  The LED will flash rapidly. | |

ERASES ALL REMOTES THAT HAVE BEEN PROGRAMMED AND RESETS ALL FUNCTIONS BACK TO DEFAULT

| STEP 1 | STEP 2 | STEP 3 | STEP 4 | STEP 5 | STEP 6 |
|---|---|---|---|---|--|
| Disarm the system (The antenna led must not be flashing, see enter/exit valet mode p.6).  Turn the Ignition ON. Within 5 sec. → | OR  Press and hold the valet switch* or the antenna button until the Parking lights turn ON, the horn/siren will chirp. | OR  Press and release the valet switch* or the antenna button 23 TIMES . |  x1 Press and release the brake pedal once. | OR  Press and hold the valet switch* or the antenna button for 5 seconds . The Parking lights will flash to confirm. |  Turn the Ignition OFF to exit programming. The Parking lights will flash 4 times. |

FUNCTION PROGRAMMING



Connect the EVO-ONE to the FLASH LINK UPDATER* and navigate in the Flash-Link Manager. Parts required (not included)

FUNCTION

| FUNCTION | | | | | | | | | | | |
|----------|--|---------------------------------------|--------------|---|---------------|-------------------------------------|--------------|------------------------------------|--------------|--------------------------------|--------------------------|
| | FUNCTION | MODE 1 | | MODE 2 | | MODE 3 | | MODE 4 | | MODE 5 | MODE 6 |
| 1 | — | — | | — | | — | | — | | — | — |
| 2 | Programmable Output (+) Ign/Acc/Start (FUNCTION 31 MODE 4) | White | (+)Ignition2 | White | (+)Accessory2 | White | (+)Start2 | White | (+)Start | — | — |
| | | Orange | (+)Accessory | Orange | (+)Accessory | Orange | (+)Accessory | Orange | (+)Ignition2 | | |
| | | Pink | (+)Ignition | Pink | (+)Ignition | Pink | (+)Ignition | Pink | (+)Ignition | | |
| | | Yellow | (+)Start | Yellow | (+)Start | Yellow | (+)Start | Yellow | (+)Start2 | | |
| 3 | Tachless sensitivity | Increase crank time | | | | (By default) | | | | | Decrease crank time |
| 4 | Remote car starter runtime | Gas: 15 minutes Diesel: 30 minutes | | Gas: 7 minutes Diesel: 14 minutes | | Gas: 3 minutes Diesel: 6 minutes | | — | | — | — |
| 5 | Add Remote on FMH antenna series | Add Remote | | — | | — | | — | | — | — |
| 6 | Doorlock option | No | | Unlock before remote-start & Lock after remote-start. | | Lock after remote-start. | | Unlock and relock after shut-down. | | Relock 10 sec.after shut-down. | Disarm before shut down. |
| 7 | Ignition Doorlock option | No | | Lock after foot-brake & unlock after key is turned OFF. | | Unlock after key is turned OFF. | | Doorlock Output at Ignition only. | | — | — |
| 8 | Unlock Pulse Time | Single 0.25 sec | | Double 0.25 sec | | Single 4.0 sec | | Single 2.5 sec | | Single 1.5 sec | Single 0.75 sec |

| | FUNCTION | MODE 1 | MODE 2 | MODE 3 | MODE 4 | MODE 5 | MODE 6 |
|--|----------|--------|--------|--------|--------|--------|--------|
|--|----------|--------|--------|--------|--------|--------|--------|







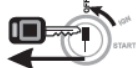

| | | | | | | | |
|----|---|--|---|--|---|---|---|
| 9 | Active or Passive Alarm & Starter Kill. | Active Press LOCK to activate the Alarm and starter-kill. | Passive (Lock disabled) Arm alarm activate starter-kill 30(MODE 4), 60(MODE5), or 120(MODE6) sec. after the door is closed. | Passive (Lock enabled) Arm alarm, activate starter-kill and lock doors 30(MODE 4), 60(MODE5), or 120(MODE6) sec. after the door is closed. | Passive arm 30 seconds (by default if MODE 2 or 3 is activated). | Passive arm 60 seconds. (if MODE 2 or 3 is activated). | Passive arm 120 seconds. (if MODE 2 or 3 is activated). |
| 10 | Starter Kill Output. Required function 32 mode 4. – Dk .Blue (A8) = starter-kill. | Starter-kill & anti-grind | Anti-grind only | Relay normally open | — | — | — |
| 11 | Sound Confirmation & LED antenna Antidémarrageur | 1st LOCK/UNLOCK silent 2nd LOCK/UNLOCK sound _____ _____ Antenna LED active. | LOCK/UNLOCK sound always. | Antenna LED disabled. | Antenna LED disabled with ignition. | Confirmation sound at LOCK only | Panic mode disabled |
| 12 | Output horn/siren configuration | Horn(-) only. | Siren(+) Output (E1) white | Siren(+) Output (E1) white and Horn(-) | Siren(-) only (A7) | — | — |
| 13 | Confirmation Pulse | Long | Short | — | — | — | — |
| 14 | Alarm ON/OFF Starter ON/OFF | Alarm OFF Remote-starter ON | Alarm ON Remote-starter ON. | Alarm ON Remote-starter OFF | — | — | — |
| 15 | Smart Arming Smart Doorlock Smart Lock pulse | Disable | (Unlock signal) Automatically LOCK and rearm alarm if door(s) are not opened after 30 seconds. | Automatic Lock when starter kill arms. | Lock pulse only when its Unlock | — | — |
| 16 | Cold Start Timer | 3 hours at -50c/Runtime | 1.5 hours at -50c/Runtime | 3 hours at -50c/5 minutes | 1.5 hours at -50c/5 minutes | Cold time OFF | — |
| 17 | — | — | — | — | — | — | — |

| | | | | | | | |
|----|---|--|---|---|--|--|---|
| 18 | Diesel Mode | Disable | Enable (20 seconds) Delay between Ignition power up and Starter (crank). | Enable (10 seconds) Delay between Ignition power up and Starter (crank). | Enable No delay between Ignition power up and Starter (crank). | Enable (5 seconds) Delay between Ignition power up and Starter (crank). | — |
| 19 | Turbo timer | Disable | Run 2 minutes. | Run 4 minutes. | — | — | — |
| 20 | Engine supervision: -Tachless – -analog tach- -Tach Data-Link- | Tachless on crank and supervision Tach Data-Link. | Tachless only. (vehicles with automatic transmission only) | Start (Crank) 20 sec + Supervision by Data-Link Tach | Start (crank) 8 seconds on Tachless. (vehicles with automatic transmission only) | Start (Crank) 8 sec + Supervision by Data-Link Tach | Tach Data-Link only |
| 21 | Start Attempts | 2 | 1 | 3 | — | — | — |
| 22 | — | — | — | — | — | — | — |
| 23 | Master RESET | RESET all programming options by default. (Retains already programmed remote.) | — | — | — | — | — |
| 24 | — | — | — | — | — | — | — |
| 25 | — | — | — | — | — | — | — |
| 26 | Hybrid mode | Gas / Diesel vehicle | Hybrid vehicle | — | — | — | — |
| 27 | — | — | — | — | — | — | — |
| 28 | — | — | — | — | — | — | — |
| 29 | Alarm Duration | 30 seconds | 60 seconds | 120 seconds | — | — | — |
| 30 | Valet code | Ignition ON Valet button x3 times. | Ignition ON Valet button x3 times and x1 times 3 seconds. | Ignition ON Valet button x4 times and x1 times 3 seconds. | Ignition ON Valet button x5 times and x1 times 3 seconds. | Ignition ON Valet button x6 times and x1 times 3 seconds. | Ignition ON Valet button x7 times and x1 times 3 sec. |

| | FUNCTION | MODE 1 | MODE 2 | MODE 3 | MODE 4 | MODE 5 | MODE 6 | |
|----|---|---|--|--|--------------------------------------|-------------------------------------|--------------------|----------------------------|
| 31 | Special application Programmable output (+) | No special application Priority on function 2 | Special application – Function 2 (all option) not available. | | White | (+) Parking Lights | (+) Parking Lights | White: (+) Parking- Lights |
| | | | White wire (E1) : Enable at ground out, disable with vehicle ignition OFF. | White wire (E1) : Trunk Output | Orange | (+) Accessory | Orange 2 | Orange: (+) Parking lights |
| | | | | | Pink | (+) Ignition | Pink 1 | Pink: (+) Ignition |
| | | | | | Yellow | (+) Start | (+) Start | Yellow: (+) Start |
| 32 | Ground Out | Dk.Blue (Ground out): Shut-down 1 second after remote start run time. | Dk.Blue (Ground out): Shut-down 3 seconds after remote start run time. | Dk.Blue (Ground Out): Shutdown After | D.k Blue (Ground Out) : Starter-Kill | D.k Blue (Ground Out): Arm / Rear m | | Controlled by CAN learning |
| 33 | Manual transmission function | Manual transmission completed by door closed. | Automatically activated by hand-brake and Foot Brake | Manual sequence completed by locking the doors | Cancel ready mode when trunk open. | — | — | |
| 34 | — | — | — | — | — | — | — | |

| | | | | | | | | |
|-----------------------------|--|------------------------|---|--|------------------------------|---|---|--|
| 35 | Door unlock Special application | No special application | Activate vehicle ignition at unlock. | Activate vehicle ignition and accessory at unlock. | — | — | — | |
| 36 | Activation/deactivation remote Valet Mode | — | — | By Valet button only | — | — | — | |
| 37 | Security Remote car starter Special application | No special application | Security ON: Shutdown Engine if the door is opened before UNLOCK is pressed. (Door trigger required). | — | — | — | — | |
| 38 | System control by OEM Remote | Disable | Press 3x Lock to remote start | Start/Stop on trigger shock sensor | Alarm control by OEM Remote. | Press Lock, Unlock Lock to remote start | — | |
| 39 | Temperature option | Disable | Enable : AUX1 activated at 50c when remote started (see function 25) | — | — | — | — | |
| LEGEND: FUNCTION BY DEFAULT | | | | | | | | |

MANUAL TRANSMISSION SEQUENCE FOR COMPATIBLE VEHICLES ONLY

| STEP 1 | STEP 2 | STEP 3 | STEP 4 | STEP 5 | STEP 6 | STEP 7 |
|---|--|---|--|--|---|---|
|  <p>Make sure that all doors are closed and the transmission is in the NEUTRAL position.</p>  |  <p>Press the brake</p> |  <p>While the engine is running. Engage the parking brake.</p> |  <p>Release the brake pedal</p> |  <p>Push the START button (3sec.). The Parking lights will flash once and then remain on.</p> |  <p>Remove the key from the ignition barrel. The vehicle will remain running with the Remote-Starter.</p> |  <p>Exit the vehicle and close all of the doors. The Remote-Starter will stop running once all the doors are closed.</p> |








WILL DISABLE MANUAL TRANSMISSION SEQUENCE

STANDARD

- Open any door(s)
- Open the hood
- Disengage the parking brake

Note: If the parking lights flash 3 times when Remote-Starting, Ready Mode is not enabled.

DISARM / ENTER / EXIT VALET MODE

| | | | STEP 1 | STEP 2 | | Within 10 seconds press and release the Valet switch or the antenna button 3 TIMES. | | |
|------------------------------|---|------------------------------|---|---|---|--|---|--|
| to disarm the system |  | System armed : DEL flash |  | OR | | |  | System disarmed : LED is OFF |
| to enter and exit valet mode |  | System disarmed : LED is OFF | Insert the key and turn it to the ignition (ON/RUN) position. | 3x  | 3x  | |  | System disarmed and in valet mode : LED is ON. |

| REMOTE START DIAGNOSTICS | | | ALARM DIAGNOSTICS | | |
|--------------------------|---|----|---|---|-----------------------|
| | Parking Lights flashes (before starting) : | | | Parking Lights flashes (after shutdown) : | |
| <u>3</u> x | <u>Ready mode disabled</u> | 1x | Normal stop (Brake, Park Brake) | 3x | Door open – zone 3 |
| <u>4</u> x | <u>Valet mode activated (The LED is on)</u> | 3x | Runtime expired or shut down by transmitter | 4x | Shock sensor – zone 4 |
| <u>5</u> x | <u>Hood open</u> | 4x | No tachometer signal | 5x | Hood open – zone 5 |
| | | 5x | Hood open | 6x | Trunk open – zone 6 |
| | | 6x | Over crank threshold (8 seconds) | | |

WARNING

NOTICE The manufacturer will accept no responsibility for any electrical damage resulting from improper installation of the product, including either damage to the vehicle itself or to the remote-starter module. This module must be installed by a certified technician including all of the supplied safety devices. Please note that this guide has been written for trained professional technicians, a certain level of skills and knowledge is therefore assumed. Please review the Installation Guide carefully before beginning any work.

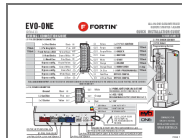
WARNING By default this system is set up for vehicles with a manual transmission. For vehicles with an automatic transmission, the safety wire loop on the main unit must be cut. Before proceeding to the installation, make sure that the vehicle does not attempt to start when the vehicle is in the “drive” or “reverse” position. If an automatic

transmission vehicle starts when the transmission is in gear, ensure that the safety wire loop on the unit is not cut. Once the safety wire loop is cut, the system is considered an automatic transmission remote-starter indefinitely. Once a loop is cut all warranties, guarantees, and liability are immediately void if the unit is installed on a manual transmission vehicle. 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 a qualified technician. This instruction guide may change without notice. To download the installation guide, user guide, or the latest quick installation guide, visit: WWW.FORTIN.CA

Technical support

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Documents / Resources



[FORTIN 68771 All-In-One Data Interface Remote Starter](#) [pdf] Installation Guide
68771 All-In-One Data Interface Remote Starter, 68771, All-In-One Data Interface Remote Starter

References

- [Fortin | Bypass modules, remote starters and alarm systems](#)