

WIRING / CONNECTION GUIDE

(20-PIN) SECONDARY CONNECTOR

	(+) Foot Brake	Black IN	A1	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.	

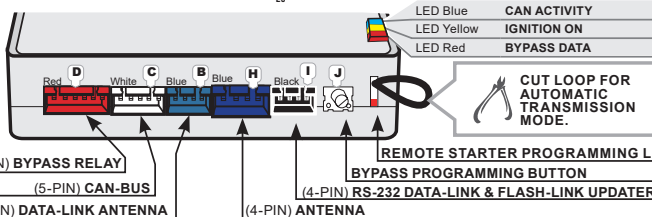
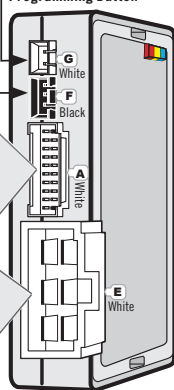
750 mA MAXIMUM OUTPUT. DO NOT EXCEED THE MAXIMUM CURRENT OR PERMANENT DAMAGE TO THE MODULE WILL OCCUR THAT WILL NOT BE COVERED UNDER WARRANTY.

(6-PIN) POWER CONNECTOR

	Ground	Black IN	E1	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



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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).



*Valet switch sold separately

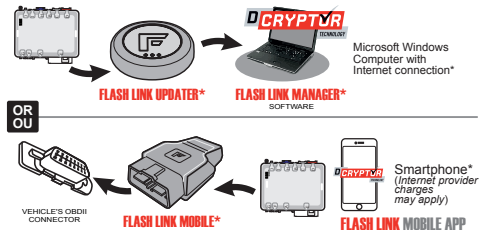
STEP 1	STEP 2	STEP 3	STEP 4	STEP 5	STEP 6
 Turn the Ignition ON.	WITH IGNITION SWITCH  Turn the Ignition OFF.	 Turn the Ignition ON.	 The LED will turn ON.  x4 Press and release the brake pedal four times.	 The LED will flash rapidly.	 Turn the Ignition OFF to exit programming.
WITH VALET SWITCH*  Press 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 times. The parking lights will flash and the horn/siren will chirp each time to confirm.	 x1 Press and release the brake pedal once.	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.	

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

TO PROGRAM THE REMOTE-STARTER FUNCTION:



Connect the EVO-ONE to the FLASH LINK UPDATER* and navigate in the Flash-Link Manager*.

*Parts required (not included)

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 (+)Start		
3	Tachless sensivity	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 Antidémarrage	1 st LOCK/UNLOCK silent 2 nd 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 -5°C/Runtime	1.5 hours at -5°C/Runtime	3 hours at -5°C/5 minutes	1.5 hours at -5°C/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	White (+) 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 Ign.2	Orange:(+) Parking lights
					Pink (+) Ignition	Pink Ign.1	Pink:(+) Ignition
					Yellow (+) Start	Yellow (+) 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 / Rearm	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/desactivation 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 5°C 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
 Make sure that all doors are closed and the transmission is in the NEUTRAL position.	 Press the brake	 While the engine is running. Engage the parking brake.	 Release the brake pedal	 Push the START button (3sec.). The Parking lights will flash once and then remain on.	 Remove the key from the ignition barrel. The vehicle will remain running with the Remote-Starter.	 Exit the vehicle and close all of the doors. The Remote-Starter will stop running once all the doors are closed.

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		
to disarm the system		System armed : DEL flash	OR	3x 	Within 10 seconds press and release the Valet switch or the antenna button 3 TIMES.
		System armed : DEL flash			
to enter and exit valet mode		System disarmed : LED is OFF	OR	3x 	System disarmed and in valet mode : LED is ON.
		System disarmed : LED is OFF			



REMOTE START DIAGNOSTICS

	Parking Lights flashes (before starting) :		Parking Lights flashes (after Shutdown) :
3x	Ready mode disabled	1x	Normal stop (Brake, Park Brake)
4x	Valet mode activated (The LED is on)	3x	Runtime expired or shut down by transmitter
5x	Hood open	4x	No tachometer signal
		5x	Hood open
		6x	Over crank threshold (8 seconds)

ALARM DIAGNOSTICS

	Parking Lights flashes (after disarm) :
3x	Door open – zone 3
4x	Shock sensor – zone 4
5x	Hood open – zone 5
6x	Trunk open – zone 6

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 setup 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 is immediately void if the unit is install 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 install by 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: TEL: 514-255-4357 / 1-877-336-7797

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