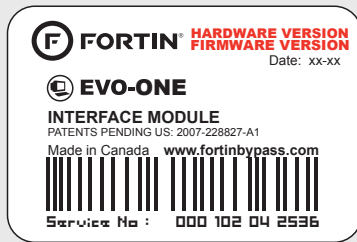




REMOTE STARTER, UNIVERSAL ALL-IN-ONE DATA BYPASS AND INTERFACE MODULE.  
 DÉMARREUR À DISTANCE, MODULE DE CONTOURNEMENT EN DATA UNIVERSELLE TOUT-EN-UN ET INTERFACE.

# COMPLETE INSTALL GUIDE

Guide # 94011



Module label | Étiquette sur le module

**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.

**Notice: Mise à jour microprogramme et Guides d'installations**

Des mises à jour du Firmware (microprogramme) et des guides d'installation sont mis en ligne régulièrement. Vérifiez que vous avez bien la dernière version logiciel et le dernier guide d'installation avant l'installation de ce produit.



**TECH SUPPORT**  
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WEB UPDATE | MISE À JOUR INTERNET



**ADDENDUM GUIDE**

Rev : 20200810

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## 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 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 it should never be reconnected, if so, all warranties, guaranties, and liability is immediately void.

<b>WARNING !</b>	
	<b>MANUAL MODE :</b> DO NOT cut the loop for a Manual transmission vehicle, this will void all guarantees and warranties.
	<b>automatic MODE :</b> Cut the loop for an Automatic transmission vehicle.

## INTRODUCTION

This guide contains all the information relevant and necessary for the installation of the module. Most of the features of this product are explained in the User Guide. Therefore, if detailed information regarding a feature of the product is needed, refer to the User Guide.

## PART LIST

Please carefully read the installation guide before beginning the installation, especially the harness descriptions and the programming options. It is very important that the programming and the operation of the module are clearly understood, even with similar installation experience in the past. There are many innovative features that may be overlooked if this guide is not read thoroughly. Prior to the installation, make sure that all the hardware components required to install the system are included in the box.

The following is a list of components included in the kit:

- 1x Remote-Starter control unit
- 1x or 2x Transmitters (only on combo kit)
- 1x Antenna (only on combo kit)
- 1x Hood switch
- 1x 6 pin primary ignition harness (AWG 14)
- 1x 20 pin secondary harness (AWG 22)
- 1x 5 pin CAN harness
- 1x 6 pin harness (red)
- 1x warning label
- 1x User guide (only on combo kit)
- 1x Quick Installation guide

**INDUSTRY CANADA USER NOTICE:**

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (EIRP) is not more than that required for successful communication.

**FCC – USER NOTICE:**

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

**INSTALLATION POINTS TO REMEMBER**

- Make sure that vehicles equipped with an Automatic transmission can not start while in any gear other than park. If the vehicle starts in gear, a Manual transmission Remote-Starter must be installed.
- When installing a Manual transmission Remote-Starter on a vehicle with a Manual transmission, always make sure that all doors will take the Remote-Starter out of Ready Mode. If this is not the case switch the wire(s) so that the module can monitor all doors (including the rear hatch).
- When installing a Manual transmission Remote-Starter on a vehicle with a Manual transmission, ensure that the parking brake and all door switch contacts are working properly.
- When working on a vehicle, never leave the keys inside the vehicle and always leave at least one window open.
- If possible, remove the courtesy light fuse to prevent battery drain.
- Before beginning, inspect the vehicle for any body damage or electrical problems.
- It recommended to solder all connections.
- All connections must be isolate with electrical tape.
- Keep the Antenna away from other types of antennas (GPS/OnStar).
- Never install the module or wiring where it could interfere with the mechanical operation of the steering and pedals or obstruct service technicians.
- Always use a grommet when running wires into the engine compartment. Never run wires near or against bare metal.
- Never ground the module to the vehicle's steering column.
- Make sure that all the switches and controls operate properly.
- Verify that the vehicle starts and idles properly (optionnal).
- Make sure that all safety equipment is installed: the Valet switch, Hood Pin switch and warning label(s).
- Always make sure that all external relays and after-market products wired to the module are properly fused and diode isolated.
- On vehicles equipped with daytime running lights, the installer may be unable to see certain programming results since the daytime running lights never go out. (Note : Listening carefully to the clicking of the relays within the module will indicate a selected function. A test light on the positive park light output may also be used for a visual indication)
- When wiring in parallel, make sure each connection is isolated with a diode in order to avoid feedback and possible damage to the vehicle.

**Examples :**

- 1-Wiring both a clutch bypass and a transponder bypass module to the GROUND OUT WHEN RUNNING wire: At the common connection point, where the GROUND OUT WHEN RUNNING wire "splits" and connects to both devices, a diode should be inserted on both wires to prevent feedback.
- 2-Multiple or separate door pin connections: When joining all Door Pins together to the single input wire of the module, each of the door wires must be diode isolated to prevent feedback.

**NOTE:** The above examples reflect common situations where diodes are use to isolate connections. Please note that there are numerous other cases where diode isolation may be required.

## HARNESS DESCRIPTIONS

### 6 PIN IGNITION HARNESS

When first connecting the system it is important to connect the primary 6 pin harness (containing the ground wire) first, otherwise the internal components of the module could be seriously damaged.

Be careful not to power up a module before it is properly grounded (Pin 4).

#### (6-PIN) POWER CONNECTOR

Ground	Black	IN	E4		E1	OUT	White	(+) PARKLIGHTS/IGN2/ACC/START PROGRAMMABLE OUTPUT (FUNCTION 2 & 31)
(+) Ignition	Pink	OUT	E5		E2	OUT	Orange	(+) ACC / IGN2 PROGRAMMABLE OUTPUT (FUNCTION 2 & 31)
(+) Starter	Yellow	OUT	E6		E3	IN	Red	(+) 12V

There is one power wire acting as a module input, while the remaining wires are outputs that reproduce the electronic actions of the vehicle's ignition switch when Remote-Started. These wires are usually connected at the ignition switch.

**DO NOT MODIFY THE INTEGRITY OF THE VEHICLE BY JUMPING ANY WIRES, THIS WILL COMPROMISE THE OEM ELECTRICAL SYSTEM.**

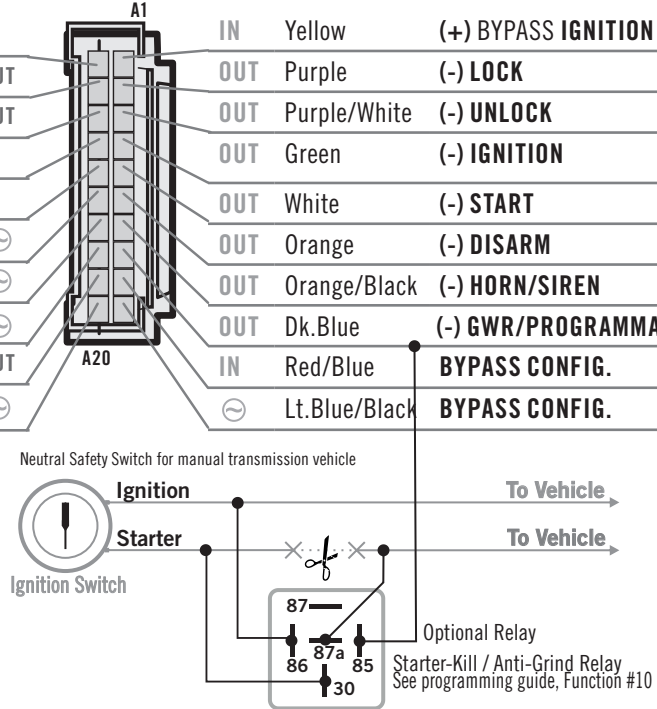
WIRE	COLOUR	FUNCTION	DESCRIPTION
E1	WHITE Programmable OUTPUT  FUNCTION 2 AND FUNCTION 32	(+) PARKING LIGHT OUTPUT	This wire is a high current programmable output that can either provide a 2nd Ignition, 2nd Accessory, 2nd Starter or Parking light output. See the programming guide (Function 2 or 31) to program the module for the desired output.
		(+) 2 <sup>ND</sup> IGNITION	
		(+) 2 <sup>ND</sup> ACCES- SORY	
		(+) 2 <sup>ND</sup> STARTER	
E2	ORANGE Programmable OUTPUT  FUNCTION 2 AND FUNCTION 31	(+) ACCESSORY OUTPUT (30 A)	Connect to the vehicle's Accessory wire (blower motor). This wire must have +12VDC when the key is at the RUN position, but not at the CRANK position. ⚠ <b>WARNING !</b> Some vehicles may have more than one Accessory wire. If necessary use the 5th relay (pin 1) and an extra relay(s) to power up each extra Accessory wire(s)
		(+) IGNITION2 OUTPUT (30 A)	This wire can be programmed either as an ACCESSORY or IGNITION wire with Function 2 or 31.  This wire is a high current output that can provide a 2nd Ignition. See the programming guide (function 2) to program the module for the desired output.
E3	RED	(+) BATTERY 12V	Connect to the vehicle's constant +12VDC power wire. Ensure that the vehicle's power wire is fused at more than 30A. Note : Some modern vehicles do not have a suitable +12VDC source at the Ignition switch (the wires are too small to supply enough current). In such cases, this wire must be connected to a higher current source (maybe even directly at the battery).

WIRE	COLOUR	FUNCTION	DESCRIPTION
E4	BLACK	<b>(-) CHASSIS GROUND INPUT</b>	This wire must be connected to bare, unpainted, non-corroded metal (on the vehicle chassis). It is preferable to use a factory ground bolt rather than a self-tapping screw. Screws loosen over time which cause erratic behaviour.
E5	PINK	<b>(+) IGNITION OUTPUT/INPUT (30 A)</b>	Connect to the vehicle's Ignition wire. This wire must have +12VDC when the key is at the RUN and CRANK position. ⚠ WARNING ! Some vehicles may have more than one ignition wire. If necessary use the 5th relay (pin 1) and an extra relay(s) to power up any extra Ignition wire(s).
E6	YELLOW	<b>(+) STARTER OUTPUT (30 A)</b>	Connect to the vehicle's Starter wire. This wire must have +12VDC only when the key is at the CRANK position. ⚠ WARNING ! Some vehicle may have more than one Starter wire. If necessary use the 5th relay (pin 1) and an extra relay(s) to power up each extra Starter wire(s).

## 20 PIN SECONDARY HARNESS

(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.	



WIRE	COLOUR	FONCTION	DESCRIPTION
A1	YELLOW	<b>(+) IGNITION INPUT</b>	Connect to the vehicle's Ignition wire. This wire must have +12VDC when the key is at the RUN and CRANK position.
A2	PURPLE	<b>(-) LOCK OUTPUT</b>	This output (400mA) provides a single negative LOCK pulse for 1second.
A3	PURPLE/WHITE	<b>(-) UNLOCK OUTPUT</b>	This output provides a negative unlock pulse (400mA). This pulse is programmable for either a single 1 second, single 4 second, or double 1 second pulse(s).
A4	GREEN	<b>(-) IGNITION OUTPUT</b>	Connect to either the negative Ignition wire of the vehicle, or to an external relay (400mA). The vehicle's Ignition wire will ground when the key is in either the RUN or CRANK position. ⚠ Warning ! Some vehicles may have more than one Ignition wire.
A5	WHITE	<b>(-) STARTER OUTPUT</b>	Connect to either the negative Starter wire of the vehicle, or to an external relay (400mA). The Starter wire grounds only when the key is in the CRANK position. ⚠ Warning ! Some vehicles may have more than one Starter wire.
A6	ORANGE	<b>(-) DISARM OUTPUT</b>	This ouput provides a single negative disarm pulse (400mA) for 1 second whenever the doors are unlocked. This signal is sent 10ms before the unlock signal. Note : A single disarm pulse is also provided before Remote-Start.

WIRE	COLOUR	FONCTION	DESCRIPTION
A7	ORANGE/BLACK	<b>(-) HORN OUTPUT</b>	This negative output (2 Amp) provides a Ground for negative Horn or a negative siren. Connect to the negative horn wire at the steering column. A high current relay must be used when connected directly horn.
A8	DK.BLUE	<b>(-) GROUND OUT WHEN RUNNING OUTPUT</b>	This output (400mA) provides a constant ground when the vehicle is Remote-Started. It is activated 1 second before Remote-Start and deactivated 1 second after shut-down. <b>▲ CAUTION :</b> If this wire is used to control several relays and/or modules ensure each output is diode isolated to prevent feedback which can damage the vehicle.
A9	RED/BLUE		Dedicate with bypass configuration. See vehicle installation guide.
A10	LT.BLUE/BLACK		Dedicate with bypass configuration. See vehicle installation guide.
A11	BLACK	<b>(+) BRAKE SWITCH INPUT</b>	Connect to the either the brake switch or directly to a brake light. This wire must have +12VDC whenever the brake pedal is partially or fully depressed. It should not have any voltage when the brake pedal is at rest or when the turn signals are in use. This wire is mandatory and used during programming. (On vehicles where the brake signal is not present on the vehicle's canbus)
A12	PINK	<b>(-) PARK LIGHT OUTPUT</b>	Connect to the vehicle's negative parking light wire (750mA). This wire will test as a ground when the parking light switch is turned on.
A13	YELLOW/BLACK	<b>(-) TRUNK OUTPUT</b>	This output (750mA) should be connected to either the negative trunk release switch, or control a high current relay that powers the trunk/hatch solenoid.
A14	BROWN/WHITE	<b>(-) HAND BRAKE INPUT</b>	Connect to the vehicle's negative Parking Brake signal. This wire can either be found at the parking brake lever or at the cluster's indicator light. Note: The input should be at ground whenever the parking brake is engaged. <b>▲ IMPORTANT!</b> Mandatory on Manual transmission vehicles.
A15	PINK/BLACK	<b>(-) HOOD PIN INPUT ZONE 5</b>	Connect to the Hood Pin safety switch. Note: This input should be at ground whenever the hood is opened to prevent Remote-Starting. <b>▲ IMPORTANT!</b> Mandatory on all vehicles.
		<b>(-) DOOR PIN INPUT ZONE 3</b>	This zone should be used in a vehicle equipped with a negative door pin circuit. This zone triggers the alarm. <b>▲ warning !</b> Ensure this wire is grounded whenever any door is opened. Only connecting the driver's door is not sufficient.
A16	PURPLE/YELLOW		Dedicate with bypass configuration. See vehicle installation guide.
A17	GREEN/WHITE		Dedicate with bypass configuration. See vehicle installation guide.

















WIRE	COLOUR	FONCTION	DESCRIPTION
A18	GREEN/RED		Dedicate with bypass configuration. See vehicle installation guide.
A19	WHITE/BLACK		Dedicate with bypass configuration. See vehicle installation guide.
A20	LT.BLUE		Dedicate with bypass configuration. See vehicle installation guide.

## BEFORE PROGRAMMING

The Transmitters included with the module are NOT pre-programmed: they each need to be manually programmed after installation is complete. The Remote-Starter/Alarm can learn up to a maximum of 4 Transmitters. Once a 5th Transmitter is programmed the 1st transmitter is erased (FIFO).








## FORTIN RF-KIT TRANSMITTER PROGRAMMING PROCEDURE\*

Transmitter only included on combo kit.







STEP 1	STEP 2		STEP 3		STEP 4		STEP 5		STEP 6
 Turn the Ignition ON.	<b>WITH IGNITION SWITCH</b>  Turn the Ignition OFF.		 Turn the Ignition ON.		The LED will turn ON on the antenna.  <b>x4</b> Press and release the brake pedal four times.		<b>4 BUTTON REMOTE:</b>  →  OR  → 		 Turn the Ignition OFF to exit programming.
Turn the Ignition ON.	<b>WITH VALET SWITCH*</b>  Press and hold the valet switch* until the parking lights turn ON, the horn/siren will chirp.		 <b>x5</b> Press and release the valet switch* five times. The parking lights will flash and the horn/siren will chirp each time to confirm.		 <b>x1</b> Press and release the brake pedal once.		<b>4 BUTTON REMOTE:</b> On each Transmitter press and release the FUNCTION or TRUNK button then press and release the LOCK button. <b>1 BUTTON REMOTE:</b> On each Transmitter Press and <b>HOLD</b> the  for <b>12 SECONDS</b> approximatively and <b>WAIT</b> for the Blue LED to <b>TURN OFF</b> then back <b>ON SOLID</b> then <b>release</b>  . The LED will stop flashing for a second confirming programming on the antenna.		Turn the Ignition OFF to exit programming.

## ERASE ALL REMOTES

Erase 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).	 Turn the Ignition ON.	<b>OR</b>		Press and hold the valet switch* or the antenna button until the Parking lights turn ON, the horn/siren will chirp.		 Press and release the button on the antenna	<b>OR</b>		 Turn the Ignition OFF to exit programming. The Parking lights will flash 4 times.
	Within 5 sec. →	 Press and hold the button on the antenna	<b>OR</b>		Press and release the valet switch* or the antenna button <b>23 TIMES.</b>		 Press and hold the button on the antenna		
						 <b>x1</b> Press and release the brake pedal once.	 Press and hold the button on the antenna		

## PROGRAMMING PROCEDURE

<p>Dis-arm the system (The antenna led must not be flashing, see enter/exit valet mode).</p>	<p><b>STEP 1</b></p>  <p>Turn the Ignition ON.</p> <p>Within 5 sec. →</p>	<p><b>STEP 2</b></p>  <p><b>OR</b></p> <p>Press and hold the antenna button</p> <p><b>OR</b></p> <p>Press and hold the valet switch* or the antenna button until the Parking lights turn ON, the horn/siren will chirp.</p> <p> *Valet switch sold separately</p>	<p>The LED will flash rapidly on the antenna.</p>	<p><b>STEP 3</b></p>  <p><b>OR</b></p> <p>Press and release the antenna button</p> <p>Press and release the valet switch or the antenna button X time for the desired function. The Parking lights will flash and the horn/siren will chirp each time to confirm.</p>	<p><b>STEP 4</b></p>  <p>Press and release the brake-pedal once.</p>	<p><b>STEP 5</b></p> <p><b>ON MOST REMOTE*:</b>          MODE 1 - LOCK          MODE 2 - UNLOCK          MODE 3 - START          MODE 4 - FUNCTION or AUX          MODE 5 - FUNCTION or AUX + LOCK          MODE 6 - FUNCTION or AUX + UNLOCK          (*THE SEQUENCE CAN VARY DEPENDING ON THE KIT, SEE EVO-ONE QUICK GUIDE ASSOCIATED WITH THE REMOTE)</p> <p>Press the BUTTON(S) on a programmed remote to select the mode (X).</p> <p>The Parking lights will flash 1-6 times to confirm.</p>	<p><b>STEP 6</b></p>  <p>Turn the Ignition OFF to exit programming. The Parking lights will flash 4 times.</p>
	<p>Return to step 3 to program the next function</p>						

## PROGRAMMING GUIDE

See Quick Install Guide for the latest version of PROGRAM GUIDE.

### NOT APPLICABLE (FUNCTION #1)

Does not apply.

### PROGRAMMABLE OUTPUT (+) IGN/ACC/START/PARK-LIGHT (FUNCTION #2)

Relay configuration, see specific vehicle installation guide.

MODE 1 (Button 1)	White	(+)Ignition2
	Orange	(+)Accessory
	Pink	(+)Ignition
	Yellow	(+)Start
MODE 2 (Button 2)	White	(+)Accessory2
	Orange	(+)Accessory
	Pink	(+)Ignition
	Yellow	(+)Start
MODE 3 (Button 3)	White	(+)Start2
	Orange	(+)Accessory
	Pink	(+)Ignition
	Yellow	(+)Start
MODE 4 (Button 4)	White	(+)Start2
	Orange	(+)Ignition2
	Pink	(+)Ignition
	Yellow	(+)Start

### TACHLESS SENSIVITY (FUNCTION #3)

This programming function adjusts the length of crank time for the Remote-Starter. If the vehicle over-cranks or under-crank, the crank time can be adjusted. This works with tachless mode (function 20.1 et 20.2).

When reprogramming function 3 (Crank time)

\*-Each press of button 1 (LOCK) will gradually increase the length of crank time.

(Required when the vehicle under-cranks)

\*\* -Each press of buttons 3 + 4 (TRUNK, START) simultaneously will gradually decrease the length of crank time. (Required when the vehicle over-cranks)

Length of time the starter will crank.

MODE 1 (Button 1)	Increase crank time
MODE 2 (Button 2)	+++++
MODE 3 (Button 3)	++++ (by default)
MODE 4 (Button 4)	+++
MODE 5 (Button 1 and 2)	++
MODE 6 (Button 3 and 4)	Decrease crank time

### REMOTE CAR STARTER RUNTIME (FUNCTION #4)

The Remote-Starter runtime in minutes. (x2) in diesel mode. (See function #18)

MODE 1 (Button 1)	Gas: 15 minutes Diesel: 30 minutes
MODE 2 (Button 2)	Gas: 7 minutes Diesel: 14 minutes

MODE 3 (Button 3)	Gas: 3 minutes Diesel: 6 minutes
-------------------	-------------------------------------

**NOT APPLICABLE (FUNCTION #5)**

Does not apply.

**DOOR LOCK BEFORE AND AFTER REMOTE-START (FUNCTION #6)**

This programming function allows the Remote-Starter to control the OEM alarm on some vehicles by sending a unlock pulse before Remote-Start and an lock pulse(s) after shut-down.

By enabling this function (Mode 2), the system will unlock the door's before Remote-Starting, and re-LOCK the door's after Remote-Start shut-down only if the key is not in the ignition (ON/RUN) position.

If only the LOCK function is enabled (Mode 3), the doors will not UNLOCK before Remote-Start, but will LOCK after shut-down only if the key is not in the ignition (ON/RUN) position.

Note: The majority of OEM alarm systems will not permit the Alarm to ARM when the engine is running (ON/RUN).

UNLOCK before Remote-Start, LOCK after Remote-Start, LOCK after shut-down.

MODE 1 (Button 1)	No
MODE 2 (Button 2)	Unlock before remote-start & Lock after remote-start.
MODE 3 (Button 3)	Lock after remote-start.
MODE 4 (Button 4)	Unlock and relock after shut-down.
MODE 5 (Button 1 & 2)	Relock 10 seconds after shut-down.
MODE 5 (Button 3 & 4)	Disarm before shut down.

**SAFETY LOCKS (FUNCTION #7)**

When enabled, a LOCK pulse is sent when the key is at the ON/RUN position and the brake pedal is pressed, and a subsequent UNLOCK pulse is sent when the key is turned to the OFF position.

Automatically LOCK/UNLOCK the doors whenever the key is used to start/shut-down the vehicle.

MODE 1 (Button 1)	No
MODE 2 (Button 2)	Lock after foot-brake & unlock after key is turned off.
MODE 3 (Button 3)	Unlock after key is turned off.
MODE 4 (Button 4)	Doorlock Output at Ignition only.

**UNLOCK PULSE TIME (FUNCTION #8)**

The LOCK and UNLOCK pulse time can be configured for:

- 1 x 0.25s, 0.75s, 1.25s or 2.5s LOCK pulse and 1x 0.25s, 0.75s, 1.25s or 2.5s ms UNLOCK pulse.
- 1 x 4 second LOCK and 1 x 4 second UNLOCK pulse for vacuum door locks.
- 1 x 250ms LOCK pulse, 2 x 250ms UNLOCK pulse for vehicles requiring a double-UNLOCK to DISARM. (250ms = ¼ second.)

MODE 1 (Button 1)	Single 0.25 sec
MODE 2 (Button 2)	Double 0.25 sec
MODE 3 (Button 3)	Single 4.0 sec
MODE 4 (Button 4)	Single 2.5 sec
MODE 5 (Button 1 and 2)	Single 1.5 sec
MODE 6 (Button 3 and 4)	Single 0.75 sec

### ACTIVE OR PASSIVE ALARM & STARTER KILL (FUNCTION #9)

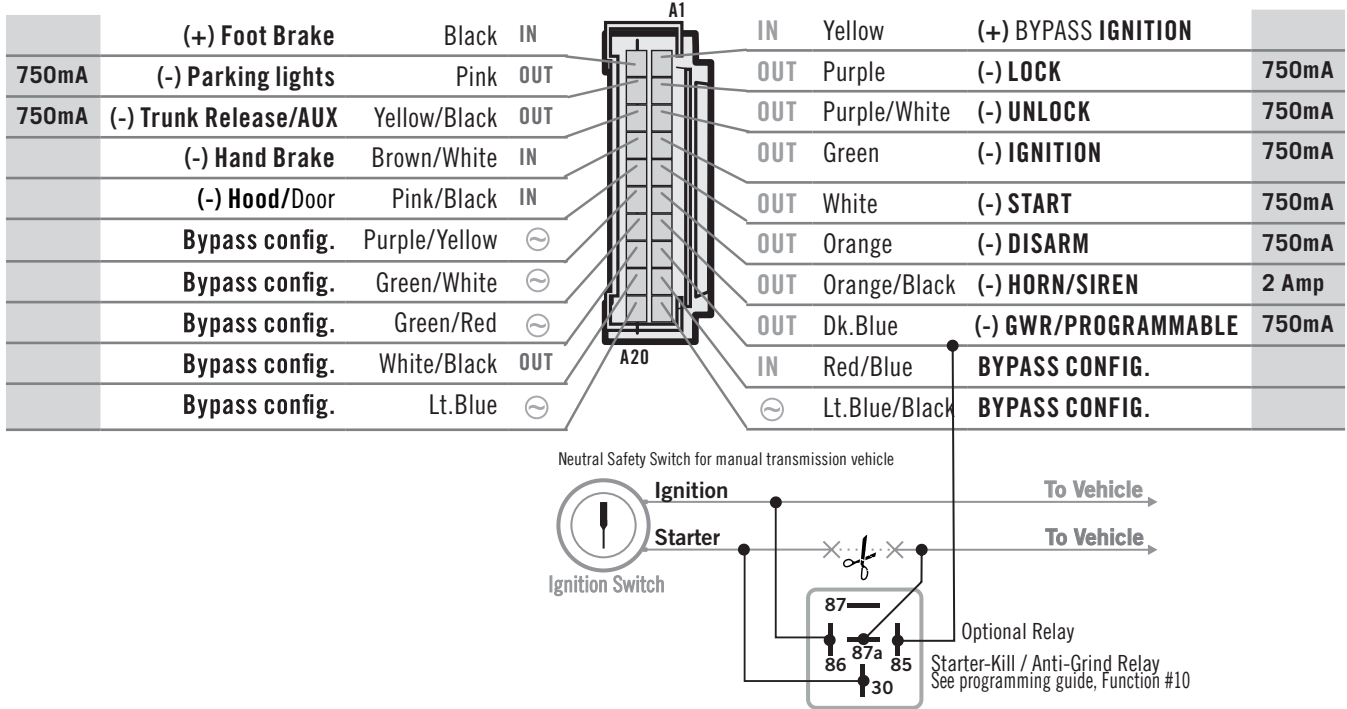
Once the key is turned OFF, and all the doors are closed the Alarm can automatically ARM itself in 1 of 2 ways:

- ACTIVE mode: the Alarm (and starter-kill) will not ARM automatically. Only pressing the transmitters's LOCK button will ARM, the UNLOCK button will DISARM the Alarm.
- Passive mode: (default) the Alarm (and starter-kill) will ARM automatically if not manually armed within 30 seconds. Pressing the transmitter's UNLOCK button will DISARM the Alarm.

MODE 1 (Button 1)	Active	Press LOCK to activate the Alarm and starter-kill.
MODE 2 (Button 2)	Passive (Lock disabled)	Press LOCK to activate the Alarm and starter-kill.
MODE 3 (Button 3)	Passive (Lock enabled)	Arm alarm activate starter-kill 30(MODE 4), 60(MODE5), or 120(MODE6) sec. after the door is closed.
MODE 5 (Button 1 and 2)	Passive arm	Arm alarm, activate starter-kill and lock doors 30(MODE 4), 60(MODE5), or 120(MODE6) sec. after the door is closed.
MODE 6 (Button 3 and 4)	Passive arm Passive arm 120 seconds. (if MODE 2 or 3 is activated.	30 seconds (by default if MODE 2 or 3 is activated. 60 seconds. (if MODE 2 or 3 is activated.

**STARTER KILL OUTPUT (FUNCTION #10)**

(20-PIN) **SECONDARY CONNECTOR**



Function 32 mode 4 required. Dark blue (A8) = starter-kill.  
 Starter-kill: (-) while armed, Anti-grind: (-) while running.

MODE 1 (Button 1)	Starter-kill & anti-grind
MODE 2 (Button 2)	Anti-grind
MODE 3 (Button 3)	Relay normally open

**CONFIRMATION FUNCTION #11)**

Audible Alarm confirmation & LED options.

MODE 1 (Button 1)	1st LOCK/UNLOCK silent 2nd LOCK/UNLOCK sound ----- Antenna LED actif.
MODE 2 (Button 2)	LOCK/UNLOCK sound always.
MODE 3 (Button 3)	Antenna LED disabled.
MODE 4 (Button 4)	Antenna LED disabled with ignition.
MODE 5 (Button 1 and 2)	Confirmation sound at LOCK only
MODE 6 (Button 3 and 4)	Panic mode disabled

**CONFIRMATION SOUND (FUNCTION #12)**

Audible Siren and/or Horn confirmation.

MODE 1 (Button 1)	Horn(-) only.
MODE 2 (Button 2)	Siren(+) Output (E1) white
MODE 3 (Button 3)	Siren(+) Output (E1) white and Horn(-)
MODE 4 (Button 4)	Siren(-) only (A7)

**CONFIRMATION TIME (FUNCTION #13)**

Horn duration.

MODE 1 (Button 1)	Long
MODE 2 (Button 2)	Short

**ALARM & STARTER OPTIONS (FUNCTION #14)**

Alarm/Starter features enabled/disabled.

MODE 1 (Button 1)	Alarm OFF Remote-starter ON
MODE 2 (Button 2)	Alarm ON Remote-starter ON
MODE 3 (Button 3)	Alarm ON Remote-starter OFF

**SMART DOOR LOCK RELOCKING AND ALARM REARMING (FUNCTION #15)**

Once the Alarm is DISARMED the doors will LOCK and the Alarm will REARM if no doors are opened for 30 seconds. Opening a door within 30 seconds will cancel this feature.

Note: The door triggers must be connected to the Remote-Starter to activate this function.

Automatically LOCK if door(s) not opened within 30 seconds.

MODE 1 (Button 1)	Disable
MODE 2 (Button 2)	(Unlock signal) Automatically LOCK and rearm alarm if door(s) are not opened after 30 seconds.
MODE 3 (Button 3)	Lock when starter kill arms.
MODE 4 (Button 4)	Lock only when the starter kill is disarmed.

**COLD STARTER TIMER (FUNCTION #16)**

Cold Start Remote-Starter delay. Maximum 24 hour cycle.

MODE 1 (Button 1)	3 hours/Runtime
MODE 2 (Button 2)	1.5 hours/Runtime
MODE 3 (Button 3)	3 hours/5 minutes
MODE 4 (Button 4)	1.5 hours/5 minutes
MODE 5 (Button 1 and 2)	Cold time OFF

**NOT APPLICABLE (FUNCTION #17)**

Does not apply.

**DIESEL MODE (FUNCTION #18)**

Delay between Ignition power up and Starter (crank).

MODE 1 (Button 1)	Disable	
MODE 2 (Button 2)	Enable (20 seconds)	Delay between Ignition power up and Starter (crank).
MODE 3 (Button 3)	Enable (10 seconds)	Delay between Ignition power up and Starter (crank).
MODE 4 (Button 4)	Enable	No delay between Ignition power up and Starter (crank).
MODE 5 (Button 1 and 2)	Enable	Enable (5 seconds) Delay between Ignition power up and Starter (crank).



**TURBO MODE (FUNCTION #19)**

This function should be used on vehicles equipped with a Turbo..  
Automatic Remote-Start takeover when park brake applied. (2 minute runtime)

MODE 1 (Button 1)	Disable	
MODE 2 (Button 2)	Enable	2 minutes
MODE 3 (Button 3)	Enable	4 minutes

**ENGINE SUPERVISION: TACHLESS , ANALOG TACH OR TACH DATA-LINK (FUNCTION #20)**

If it is difficult to locate a tachometer signal in the vehicle this will allow the Remote-Starter to detect the engine's RPM without requiring a tachometer wire.

Remote-Starter does not require wired tachometer to determine cranking threshold or tach idle mode programming

MODE 1 (Button 1)	Tachless on crank and supervision Tach Data-Link.
MODE 2 (Button 2)	Tachless only. (vehicles with automatic transmission only)
MODE 3 (Button 3)	Start (Crank) 20 sec + Supervision by Data-Link Tach
MODE 4 (Button 4)	Start (crank) 8 seconds on Tachless.(vehicles with automatic transmission only)
MODE 5 (Button 1 and 2)	Start (Crank) 8 sec + Supervision by Data-Link Tach
MODE 6 (Button 3 and 4)	Tach Data-Link only

**START ATTEMPTS (FUNCTION #21)**

In extreme cold weather the Remote-Starter may fail to start the vehicle on its first attempt. This programming function will adjust the number of times (1,2 or 3) that the Remote-Starter will attempt to start the vehicle before giving up.

The number of Remote-Start attempts.

MODE 1 (Button 1)	2
MODE 2 (Button 2)	1
MODE 3 (Button 3)	3

**TRANSMITTER START/STOP FUNCTION\* (FUNCTION #22)**

See individual EVO-ONE quick guide included in the kit.

**RESET (FUNCTION #23)**

This programming function does a master reset on all programming options (1-29) by setting them to their default value (Mode 1). This does not remove any Transmitter's from memory.

RESET ALL options to default (Mode 1)

MODE 1 (Button 1)	RESET all programming options (Retains already programmed remote)
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**NOT APPLICABLE (FUNCTION #24)**

Does not apply.

**AUXILIARY 1 (FUNCTION #25)**

Auxiliary 1 channel Configuration. May differ, See individual EVO-ONE quick guide included in the kit.

MODE 1 (Button 1)	0.5 seconds & disarm alarm
MODE 2 (Button 2)	0.5 seconds
MODE 3 (Button 3)	10 sec latch or until a button is pressed.
MODE 4 (Button 4)	20 sec latch or until a button is pressed.

MODE 5 (Button 1 and 2)	30 sec latch or until a button is pressed.
MODE 5 (Button 3 and 4)	Latch until shutdown

**HYBRID (FUNCTION #26)**

Function for hybrid vehicles.

MODE 1 (Button 1)	Gas / Diesel vehicle
MODE 2 (Button 2)	Hybrid vehicle

**NOT APPLICABLE (FUNCTION #27)**

Does not apply.

**ALARM DURATION (FUNCTION #28)**

Duration of horn/siren when an alarm is triggered.

MODE 1 (Button 1)	30 seconds
MODE 2 (Button 2)	60 seconds
MODE 3 (Button 3)	120 seconds

**VALET CODE (FUNCTION #30)**

The Valet Mode be enabled to prevent an accidental Remote-Start. The alarm system is not active (including Starter Kill) when the system is in Valet Mode. However you are still able to lock and unlock the doors, and release the rear hatch/trunk.

**VALET CODING DISABLE (DEFAULT):**

1. Insert the key and turn it to the ignition (ON/RUN) position. The vehicle does not need to be started.
2. Within 10 seconds press (1 second) and release the Valet switch 3 times.
3. Valet mode enabled: The LED is ON. Valet mode disabled: The LED is OFF

**VALET CODING ENABLE:**

- 1. Insert the key and turn it to the ignition (ON/RUN) position. The vehicle does not need to be started.
- 2. Within 10 seconds press and release the valet button 3 to 7 times (X = valet code) for 1 second. If your valet code is 7 then press and release the valet button 7 times.
- 3. Press and hold the valet button once for 3 seconds to finish the sequence.
- 4. Valet mode enabled:The LED is ON. Valet mode disabled: The LED is OFF

MODE 1 (Button 1)	Ignition ON Valet button x3 times.
MODE 2 (Button 2)	Ignition ON Valet button x3 times and x1 times 3 seconds.
MODE 3 (Button 3)	Ignition ON Valet button x4 times and x1 times 3 seconds.
MODE 4 (Button 4)	Ignition ON Valet button x5 times and x1 times 3 seconds.
MODE 5 (Button 5)	Ignition ON Valet button x6 times and x1 times 3 seconds.
MODE 6 (Button 6)	Ignition ON Valet button x7 times and x1 times 3 sec.

**SPECIAL APPLICATION PROGRAMMABLE OUTPUT (+) (FUNCTION #31)**

5th relay configuration. Special application - Function 2 (all function) not available.

MODE 1 (Button 1)	No special application Priority on function 2	
MODE 2 (Button 2)	Special application - Function 2 (all function) not available.	White wire (E1) : Enable at ground out, disable with vehicle ignition OFF.
MODE 3 (Button 3)		White wire (E1) : Trunk Output

MODE 4 (Button 4)	White	(+) Parking Lights
	Orange	(+) Accessory
	Pink	(+) Ignition
	Yellow	(+) Start
MODE 5 (Button 5)	White	(+) Parking Lights
	Orange	Ign.2
	Pink	Ign.1
	Yellow	(+) Start
MODE 6 (Button 6)	White	(+) ParkingLights
	Orange	(+) Parking lights
	Pink	(+) Ignition
	Yellow	(+) Start

**DK.BLEU WIRE (A8) CONFIGURATION (FUNCTION #32)**

MODE 1 (Button 1)	Dk.Blue (Ground out): Shut-down 1 second after remote start run time.
MODE 2 (Button 2)	Dk.Blue (Ground out): Shut-down 3 seconds after remote start run time.
MODE 3 (Button 3)	Dk.Blue: pulse after run time (auto-light off)
MODE 4 (Button 4)	Dk. Blue: starter-kill out relay required
MODE 5 (Button 5)	Dk. Blue: Arm / Rearm pulse
MODE 6 (Button 6)	Controlled by bypass on specific vehicle

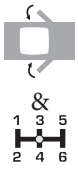

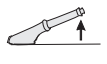

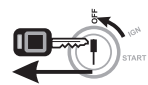

**READY MODEACTIVATION FOR MANUAL TRANSMISSION (FUNCTION #33)**

MANUAL TRANSMISSION SEQUENCE

MODE 1 (Button 1) By default	Manual transmission completed by door closed.
MODE 2 (Button 2)	Automatically activated by hand-brake and Foot Brake
MODE 3 (Button 3)	Manual sequence completed by locking the doors
MODE 4 (Button 4)	Cancel ready mode when trunk open.

# MODE 1

**⚠ FOR COMPATIBLE vehicles ONLY**

STEP 1	STEP 2	STEP 3	STEP 4	STEP 5	STEP 6	STEP 7	STEP 8
 <p>Make sure that all doors are closed and the transmission is in the NEUTRAL position.</p>	 <p>Press the brake pedal.</p>	 <p>While the engine is running. Engage the parking brake.</p>	 <p>Release the brake pedal.</p>	<p>Push the START button on the remote (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>	<div style="border: 1px solid black; padding: 5px;"> <p>MODE 1 (Button 1)</p> <p>Manual transmission completed by door closed.</p> </div>

## WILL DISABLE MANUAL TRANSMISSION SEQUENCE

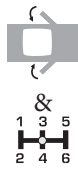

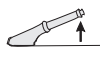

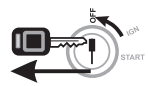

**STANDARD**  
• Open any door(s)

- Open the hood
- Disengage the parking brake

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

# MODE 2

**⚠ FOR COMPATIBLE vehicles ONLY**

STEP 1	STEP 2	STEP 3	STEP 4	STEP 5	STEP 6	STEP 6
 <p>Make sure that all doors are closed and the transmission is in the NEUTRAL position.</p>	 <p>Press the brake pedal.</p>	 <p>While the engine is running. Engage the parking brake.</p>	 <p>Release the brake pedal.</p>	<div style="border: 1px solid black; padding: 5px;"> <p>MODE 2 (Button 2)</p> <p>The parking lights turn ON</p> </div>	 <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

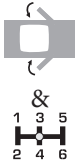



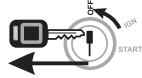

**STANDARD**  
• Open any door(s)

- Open the hood
- Disengage the parking brake

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

## MODE 3

**⚠ FOR COMPATIBLE vehicles ONLY**

STEP 1	STEP 2	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 pedal.</p>	 <p>While the engine is running. Engage the parking brake.</p>	 <p>Release the brake pedal.</p>	<p>Push the START button on the remote (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>	<div style="border: 1px solid black; padding: 5px;"> <p>MODE 3 (Button 3)</p> <p>Manual sequence completed by locking the doors</p> </div>

### WILL DISABLE MANUAL TRANSMISSION SEQUENCE

STANDARD





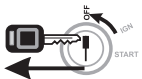

- Open any door(s)

- Open the hood
- Disengage the parking brake

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

## MODE 4

**⚠ FOR COMPATIBLE vehicles ONLY**

STEP 1	STEP 2	STEP 2	STEP 3	STEP 4	STEP 5	STEP 6
 <p>Make sure that all doors are closed and the transmission is in the NEUTRAL position.</p>	 <p>Press the brake pedal.</p>	 <p>While the engine is running. Engage the parking brake.</p>	 <p>Release the brake pedal.</p>	<p>Push the START button on the remote (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

MODE 4 (Button 4)

Cancel ready mode when trunk open.

**TRUNK OUTPUT (FUNCTION #34)**

Trunk output configuration, 0.5 second or 2.5 second Ground pulse and ability to unlock doors before trunk pulse. May differ, See individual EVO-ONE quick guide included in the kit.

MODE 1 (Button 1)	0.5s
MODE 2 (Button 2)	2.5s
MODE 3 (Button 3)	Unlock before trunk pulse 0.5sec
MODE 4 (Button 4)	Trunk Output at ignition only

**DOOR UNLOCK SPECIAL APPLICATION (FUNCTION #35)**

If enabled the remote starter will simultaneously activate the ignition ON and GWR (Ground Out While Running) output for 0.5s to disarm the vehicles OEM alarm using the immobilizer bypass.

MODE 1 (Button 1)	No special application
MODE 2 (Button 2)	Activate vehicle ignition at unlock.
MODE 3 (Button 3)	Activate vehicle ignition and accessory at unlock.

**VALET MODE ACTIVATION/DEACTIVATION (FUNCTION #36)**

Valet mode activation using the remote and/or the valet switch. May differ, See individual EVO-ONE quick guide included in the kit.

MODE 1 (Button 1)	Valet switch or LOCK+UNLOCK
MODE 2 (Button 2)	Valet switch or AUX » LOCK+UNLOCK
MODE 3 (Button 3)	Valet switch only

**SECURITY REMOTE CAR STARTER SPECIAL APPLICATION (FUNCTION #37)**

MODE 1 (Button 1)	No special application
MODE 2 (Button 2)	Security ON: Shutdown Engine if the door is opened before UNLOCK is pressed. (Door trigger required).

**SYSTEM CONTROL BY OEM REMOTE (FUNCTION #38)**

MODE 1 (Button 1)	Disable
MODE 2 (Button 2)	Press 3x Lock to remote start
MODE 3 (Button 3)	Start/Stop on trigger shock sensor
MODE 4 (Button 4)	Alarm control by OEM Remote.
MODE 5 (Button 5)	Press Lock, Unlock Lock to remote start

**TEMPERATURE FUNCTION (FUNCTION #39)**

MODE 1 (Button 1)	Disable
MODE 2 (Button 2)	Enable : AUX1 activated at 50c when remote started (see function 25)

## BYPASS GENERIC OPTIONS

<b>A1</b>	<b>DOOR LOCKS*</b>	Turn On/Off Door locks functions through the vehicle CAN-Bus.
<b>A2</b>	<b>TRUNK OR HATCH RELEASE*</b>	Turn On/Off Trunk or hatch Release function through the vehicle CAN-Bus.
<b>A3</b>	<b>KEY BYPASS*</b>	Turn On/Off Immobilizer bypass function. If this function is off, the immobilizer system of the vehicle will not be bypassed and the remote starter will not be able to remote start the vehicle. (Certain installs will require this function to be turned off, consult vehicle specific guide)
<b>A4</b>	<b>HEATED SEATS (REAR DEFROST)*</b>	Turn On/Off Embedded Heated seats and Rear defrost control through the vehicle CAN-Bus. Will only work on vehicles that support heated seats and Rear defrost control through the vehicles CAN-Bus. Will be automatically activated if function (A5 Aux. 1) AND (A6 Aux. 2) are OFF. Will be manually activated if (A5 Aux. 1) OR (A6 Aux. 2) is ON.
<b>A5</b>	<b>AUX. 1*</b>	Turn On/Off vehicle specific options (Sliding doors, Gas cap, Parking lights, Heated seats (see A4), Rear defrost
<b>A6</b>	<b>AUX. 2*</b>	Turn On/Off vehicle specific options (Sliding doors, Gas cap, Parking lights, Heated seats (see A4), Rear defrost
<b>A7</b>	<b>FOOT-BRAKE*</b>	Turn On/Off Foot-Brake monitoring through the vehicle CAN-Bus.
<b>A8</b>	<b>HAND-BRAKE*</b>	Turn On/Off Hand-Brake monitoring through the vehicle CAN-Bus.
<b>A9</b>	<b>DOOR TRIGGER*</b>	Turn On/Off Door Trigger monitoring through the vehicle CAN-Bus.
<b>A10</b>	<b>TRUNK TRIGGER*</b>	Turn On/Off Trunk Trigger monitoring through the vehicle CAN-Bus.
<b>A11</b>	<b>HOOD TRIGGER*</b>	Turn On/Off hood Trigger monitoring through wthe vehicle CAN-Bus.
<b>A12</b>	<b>UNLOCK BEFORE TRUNK RELEASE*</b>	Sends and unlock signal before the trunk release signal for vehicles that do not permit releasing the truck if the vehicle is armed/locked.
<b>A13</b>	<b>IGNITION LOCK*</b>	Locking the doors when the ignition key is turned (on / run), and unlocking when the key is closed (off).
<b>A14</b>	<b>PARKING LIGHTS CONTROL*</b>	OFF: By bypass. When starting the parking lights come on automatically. ON: By default, parking lights controlled by the remote starter.
<b>B1</b>	<b>UNLOCK DRIVER DOOR PRIORITY*</b>	Turn On/Off the feature that will unlock the driver door only on the first unlock button press and then all other doors on the second unlock button press. (If available on specific vehicle)
<b>B2</b>	See Vehicle Specific Installation Guide.	

<b>B3</b>	<b>UNLOCK DOUBLE PULSE*</b>	Turn On/Off the double pulse on the unlock output on specific setups that use analog signal for unlocking.
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<b>D1.3</b>	See Vehicle Specific Installation Guide.
<b>D1.4</b>	See Vehicle Specific Installation Guide.
<b>D1.5</b>	See Vehicle Specific Installation Guide.
<b>D1.6</b>	See Vehicle Specific Installation Guide.
<b>D1.7</b>	See Vehicle Specific Installation Guide.
<b>D1.8</b>	See Vehicle Specific Installation Guide.
<b>D1.9</b>	See Vehicle Specific Installation Guide.
<b>D1.10</b>	See Vehicle Specific Installation Guide.
<b>D1.11</b>	See Vehicle Specific Installation Guide.

<b>D2</b>	<b>UNLOCK BEFORE/ LOCK AFTER*</b>	Sets the UNIT to unlock and disarm before remote start and then relock after it completes the start sequence. It will also relock and rearm 10 seconds after shutdown. This function is used to disarm the vehicle's OEM Alarm.
<b>D3</b>	<b>SHUTDOWN ON DOOR OPENING*</b>	Sets the UNIT to shutdown the engine upon opening a door. The customer will then have to restart the engine. (Used for security and compatibility).
<b>D4</b>	<b>HYBRID MODE*</b>	Sets the UNIT to be used on Hybrid Vehicles that do not generate a proper tach signal. The UNIT will emulate a tach signal as soon as it detects that the hybrid vehicle is in "Ready to be driven" state. Both on its analog output and through Datalink.
<b>D5</b>	<b>LOCK AFTER START*</b>	Sets the UNIT to lock the vehicle after it completes the start sequence. It will also relock and rearm 10 seconds after shutdown.
<b>D6</b>	<b>PUSH-TO-START*</b>	Sets the module to be used on a Push-To-Start vehicle. Only required when the installation guide for the vehicle demands it.
<b>D7</b>	<b>RAP*</b>	Automatic closing of accessories after the start-up cycle.

**SPECIAL FUNCTIONS**

<b>E1</b>	See Vehicle Specific Installation Guide.
<b>E2</b>	See Vehicle Specific Installation Guide.
<b>E3</b>	See Vehicle Specific Installation Guide.
<b>E4</b>	See Vehicle Specific Installation Guide.
<b>E5</b>	See Vehicle Specific Installation Guide.

<b>DATALINK PROTOCOL</b>	See Vehicle Specific Installation Guide.
<b>EVO-ALARM</b>	See Vehicle Specific Installation Guide.
<b>SUPPORTED RF KITS</b>	See Vehicle Specific Installation Guide.

\* Functions and features available only when compatible. Refer to vehicle specific compatibility on fortin.ca.



## ARMING THE SYSTEM WITHOUT RF KIT

System disarm:	The antenna LED is OFF
to arm the system:	WITH OEM REMOTE: Lock the vehicle with the OEM remote. Function 38 mode 2 ou mode 4 or mode 5 must be activated.  WITH RF KIT REMOTE: See remote user guide.
	Within 10 seconds press and release the Valet switch or the RF KIT antenna button 3 times.
System arm:	The antenna flash

## DISARMING THE SYSTEM WITHOUT RF KIT

System armed:	The antenna LED will be flashing
to disarm the system:	WITH OEM REMOTE: Unlock the vehicle with the OEM remote. Function 38 mode 2 ou mode 4 or mode 5 must be activated.  WITH RF KIT REMOTE: See remote user guide.  WITHOUT OEM REMOTE: Insert the key and turn it to the ignition (ON/RUN) position.
	Within 10 seconds press and release the Valet switch or the RF KIT antenna button 3 times.
System disarm:	The antenna LED is OFF

## ENTERING VALET MODE WITHOUT RF KIT

System disarmed	The antenna LED is OFF, system must be disarmed
to enter the valet mode:	WITH RF KIT REMOTE: See remote user guide.  WITHOUT OEM REMOTE: Insert the key and turn it to the ignition (ON/RUN) position.
	Within 10 seconds press and release the Valet switch or the RF KIT antenna button 3 times.
valet mode:	The antenna LED is ON

## EXITING VALET MODE WITHOUT RF KIT

valet mode:	The antenna LED is ON
to exit the valet mode:	WITH RF KIT REMOTE: See remote user guide.  WITHOUT OEM REMOTE: Insert the key and turn it to the ignition (ON/RUN) position.
	Within 10 seconds press and release the Valet switch or the RF KIT antenna button 3 times.
System disarm:	The antenna LED is OFF

## ENABLING COLD START MODE

To enable the cold start mode press and release the FUNCTION button, within 12 seconds simultaneously press and hold the LOCK and START buttons for 1 second. The parking lights will flash once.

## DISABLING COLD START MODE

- Press and release the FUNCTION button, within 12 seconds simultaneously press and hold the LOCK and START buttons for 1 second. The parking lights will flash twice.
- Put the Remote-Starter/alarm into Valet
- Remote-Start the vehicle
- Open the hood
- Press the brake pedal
- Turn the key to the ignition position.
- Disable Ready Mode (manual transmission).

## REMOTE START / ALARM DIAGNOSTICS

The user is able to identify the cause of a Remote-Starter failure (after shut-down), or determine the zone which triggered the Alarm (after UNLOCK) through the number of park light flashes.

## REMOTE STARTER DIAGNOSTICS

Parking Light flashes (before starting) :	
3x	Ready Mode disabled
4x	Valet Mode activated (The LED is on)
5x	Hood open
Parking Light flashes (after starting) :	
1x	Normal stop (Brake, Park Brake)
3x	Runtime expired or shut down by Transmitter
4x	No tachometer signal
5x	Hood open

## ALARM DIAGNOSTICS

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

## INSTALLATION VERIFICATION

Before finishing the installation and reassembling the vehicle, it is recommended that the Remote-Starter/Alarm is verified to be operating properly. Before testing, ensure all connections are soldered, isolated, and the Remote-Starter/Alarm is plugged in. Remote-Start the vehicle and listen to the starter (crank) threshold. If the Starter crank time is too long or too short, adjust the sensitivity of the Crank Threshold (function #3) on Tachless when function 20 mode 2 is activated.

- Hood Pin switch : If the hood is open before remote starting the parking lights will flash 5 times and the vehicle will not start.
- The installation of the hood pin switch is mandatory.
- Brake pedal switch : When the Remote-Starter is running, press the brake pedal. The Remote-Starter should shut

down immediately.

- Vehicle Idle Mode (Manual Transmission) : Ensure the Remote-Starter properly enters and exits Idle Mode.
- Door pin switch(es) (Manual Transmission) : When the Remote-Starter is in Ready Mode, ensure Ready Mode is immediately cancelled when any doors (including rear hatch) are opened.
- Parking brake (Manual Transmission) : When the Remote-Starter is in Ready Mode, ensure that Ready Mode is immediately cancelled when the parking brake is released.
- OEM alarm control : Ensure the module will ARM and DISARM the vehicle's OEM alarm (if equipped) whenever the doors are LOCKED, UNLOCKED, and when the Remote-Starter is either Remote-Started or shut-down.
- Door LOCKS and TRUNK : Ensure all of the doors respond to all Transmitters by LOCKING and UNLOCKING the doors, and releasing the TRUNK.
- Starter Kill relay : Sit inside the vehicle with all the doors closed, ARM the system, and then try to start the engine with the key. The Starter should not crank, and the engine should not start, optional, activate fonction 32 mode 4.
- Valet mode : Ensure the Remote-Starter/Alarm is able to enter and exit Valet Mode. When the Remote-Starter/Alarm is in Valet Mode, pressing the LOCK button will LOCK the doors without activating the starter kill. (Refer to the User Guide for further information on Valet Mode)
- Alarm : ARM the Alarm, and ensure that opening any door, the hood, the trunk, and the Shock Sensor (if available) will all trigger the Alarm.

## CLOSING UP

Use tie-wraps and screws to properly secure the Remote-Starter/Alarm and to keep all wiring away from any moving parts such as the parking brake, steering column, and foot pedals. Mount all switches in an accessible location where they do not risk getting accidentally kicked or hit.

Ensure all warning labels are applied on clean, visible location under the hood. Do not stick them to the engine block or exhaust manifold.

Most warranty claims are the result of the user (driver) misunderstands how the Remote-Starter/Alarm works and performs. Take the time to properly explain all of the installed features and functions to the customer(s) before they leave the premises.

## LIABILITY

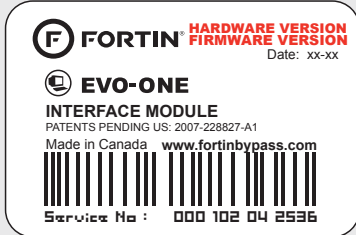
NOTICE The manufacturer will accept no responsibility for any electrical damage resulting from improper installation of the product, including either damage to the vehicle itself or to the remote-starter module. This module must be installed by a certified technician including all of the supplied safety 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 specific Vehicle 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 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, guaranties, 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](http://www.fortin.ca)

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Module label

### 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.

### 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

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1-877-336-7797



### ADDENDUM GUIDE

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

WEB UPDATE

