



MANUAL / AUTOMATIC TRANSMISSION MULTI-CHANNEL
REMOTE STARTER SYSTEM

AS-1251v / AS-1252v

User Guide

WARNING

It is the responsibility of the vehicle operator to ensure their vehicle is parked in a safe and responsible manner.



- a) Manual transmission:** When leaving the vehicle, it is the user's responsibility to ensure that the gearshift lever is in the **NEUTRAL** position and the parking brake is engaged in order to avoid accidents upon remote starting.

b) Automatic transmission: When leaving the vehicle, it is the user's responsibility to ensure that the gearshift lever is in "Park" in order to avoid accidents upon remote starting.

(Note: Make sure that the automatic vehicle cannot start in "Drive".)
- It is the user's responsibility to ensure that the remote starter is disabled or put into valet mode before servicing.

FCC USER NOTICE (U.S.A.):

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: 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.

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Introduction

This module is a state-of-the-art remote car starter system. With many advanced functions, this product will satisfy any one of the user's expectations from high-end commodity systems, without neglecting the standard features commonly offered by entry-level starters.

Please note:

Button **I** is for the **START** functions (by default).
Button **II** is for the **STOP** functions (by default).
Buttons **I & II** (together) is for the **TRUNK** release function.
The LED and the valet button are optional.

Vehicle Presets

Heater and Heated Seat

When leaving the vehicle it is recommended to preset the accessory controls in preparation for the next remote start. Settings for the blower motor (fan), front and rear, as well as heated seats (if equipped) should not be left on **HIGH**. It is recommended to leave the settings on **LOW** or **MEDIUM** instead.

Windshield Wipers, Radio and Headlights

Certain vehicles energize the radio and / or windshield wipers and / or headlight circuits while running under remote start. When leaving the vehicle you must ensure that the windshield wiper and headlight switches are **OFF**. Leaving the headlight switch **ON** on certain types of vehicles could cause them to remain **ON** even after remote starter shut down, resulting in a dead battery.

Remote Starting Your Vehicle

If your vehicle has an **automatic transmission**, simply press the **I** button to remote start or the **II** button to stop your vehicle. Please see "**Remote starting**" below.

Warning: If your vehicle has an automatic transmission and the parking lights flash 15 times after pressing the **II** button, please see your installer as programming will have to be modified.

Setting Your Vehicle Into Ready Mode

If your vehicle has a **manual transmission** you must read the following indications. In order to start the vehicle by remote, the unit must first be set to Ready Mode. If the unit is not set to Ready Mode, it cannot remote start the vehicle.

Please note that Ready Mode can be enabled by the remote or the handbrake, depending on the option that was selected by your installer. Therefore, you must follow the appropriate procedure between the two described below in order to set your vehicle into Ready Mode.

Once the system is set to Ready Mode, the vehicle can be remote started and stopped at any time. The system will exit Ready Mode if a door, the hood or the trunk is opened, if the brake pedal is pressed, if the parking brake is disengaged or if the ignition key is turned to the **IGNITION ON (RUN)** position.

To set the system to Ready Mode:

If Ready Mode is enabled by remote	If Ready Mode is enabled by handbrake
1. Ensure that all the doors, hood and trunk are closed. Make sure that the gear selector is in the neutral position.	
2. With the engine already running, apply the parking brake once and release the brake pedal. Make sure to release the brake pedal.	2. With the engine already running, apply the parking brake twice and release the brake pedal. Make sure to release the brake pedal. The parking lights will flash 3 times quickly and remain lit. Skip to step 4.
3. Within 20 sec. of engaging the parking brake, press and hold I or II on the transmitter. The parking lights will flash 3 times quickly and remain lit.	
4. Remove the key: the engine will continue running.	
5. Exit the vehicle and close all doors, hood and trunk.	
6. Press for approx. 1 second either button: I or II .	

Remote Starting

Press the **I** button for approx. 1 second. The parking lights will come **ON** and the transmitter will beep once to inform you that the remote starter has received your signal. Approximately 5 seconds later, the engine will start. The transmitter will beep 3 times and the parking lights will remain **ON** during the pre-programmed run time of the engine.

If the vehicle does not start at the first attempt, the system will shut down. If your vehicle is equipped with an automatic transmission, there will be 3 start attempts before the system gives up.

Driving Off

With the vehicle running under remote start, press the button **I** to disarm the security system (if button **I** is programmed as **LOCK** or **UNLOCK** button). Enter the vehicle and do the following:

1. Turn the ignition key to the **IGNITION ON (RUN)** position. (**Do not turn the key** to the **CRANK** position while the engine is running. This will cause the starter motor to re-engage.)
2. Press the brake pedal to disengage the remote starter unit.

You are now ready to drive off.

Remote starter features

Idle Mode

Convenience feature: Idle Mode allows you to keep the engine running and the doors locked while you stop, for example, at a convenience store or for a short delivery.

This feature allows you to let the remote starter take control of the vehicle (i.e. no Key in the Ignition Switch) while the engine is running.

To leave the vehicle in Idle Mode if your vehicle has an automatic transmission:

1. While the engine is running, make sure to release the brake pedal and press the **II** button on the remote control until the parking lights come on or you hear a series of clicks.
2. Remove the key and exit the vehicle. The engine will continue running.

The engine will continue running until the user re-enters the vehicle or until the expiration of the Engine Run Time.

If your vehicle has a manual transmission, Idle Mode can be activated through the same routine as that used for Ready Mode; for the last step, the buttons **I & II** are pressed together.

If the pre-programmed run time expires or if the user shuts down the engine by remote control, the vehicle will be in Ready Mode.

Caution!!! Do not leave children or pets unattended in a vehicle running in Idle Mode.

Turbo Mode

If Turbo Mode is configured at installation, it will allow a turbocharger to idle down after the user leaves the vehicle (the unit will take over the vehicle and keep it running for 60 seconds or until it is shut down by remote control). The vehicle will remain in Ready Mode.

If your vehicle has an automatic transmission, proceed as follows to set the system in Turbo Mode:

1. With the engine running, make sure to release the brake pedal and press the buttons **I & II** on the transmitter until the parking lights come **ON** or you hear a series of clicks.
2. Remove the key from the ignition switch. **The engine will continue running.**
3. Exit the vehicle and close all doors, hood and trunk.
4. **Press the buttons I & II to lock the doors (the engine will shut down after 60 seconds).**

Note: If your vehicle has a manual transmission, Turbo Mode can be activated only if button **I** is programmed as **LOCK** or **UNLOCK** button. Turbo Mode is activated through the same routine as that used for Ready Mode; at the last step, the button **I** is pressed.

Valet Modes

When your vehicle is in Valet Mode, the remote starter function is disabled. If the vehicle needs to be serviced, or if you park it indoors, the Valet Mode will prevent the engine from being remote started accidentally.

Ignition Valet

This feature will allow you to put your system into valet mode by using the ignition key instead of the valet button (as below). Ignition valet can be used without a valet button installed.

To put the system into valet mode:

- Insert the key into the ignition switch. Turn the ignition **ON** then **OFF** 5 times in 10 seconds. (**Note:** **ON** is the position before crank.)
The parking lights will flash three times to indicate that the system is now in valet mode.
The LED will turn **ON** solid.

To take the system out of valet mode:

- Insert the key into the ignition switch. Turn the ignition **ON** then **OFF** 5 times in 10 seconds. (**Note:** **ON** is the position before crank.)
The parking lights will flash twice to indicate that the system is now out of valet mode.
The LED will go out or start to flash.

Valet Mode using the Valet Button (If installed)

To put the system *into* valet mode:

1. Turn the key to the **IGNITION ON (RUN)** position.
2. Within 3 sec., press the valet button for 1 second.

The parking lights will flash three times to indicate that the vehicle is now in valet mode.

3. Turn the key to the **OFF** position.

The LED on the antenna will come ON solid.

To take the system *out of* valet mode:

1. Turn the key to the **IGNITION ON (RUN)** position.
2. Within 3 sec., press the valet button for 1 second (the LED will turn **OFF** or start to flash).

The parking lights will flash twice to indicate that the vehicle is now out of valet mode.

The LED will go out or start to flash.

The Valet button can only be used if the vehicle keys are in the **IGNITION ON (RUN)** position.

Panic Mode

Note: Panic mode can only be activated if the horn option has been adequately installed and programmed by your installer. Button **I** has to be programmed as **LOCK** and **UNLOCK**.

In an emergency situation, you can activate panic mode using the **I** button. This will:

- shut down the engine
- disarm the Starter Kill and
- unlock or lock the doors (with the **I** button)
- activate the horn for 25 sec.

Note: See the description of the starter kill option later in this Guide.

To activate panic mode:

- Press and hold the **I** button until the horn honk starts and the parking lights flash: this will unlock the doors before the sound signal starts.
- **Or** press and hold the **I** button until the horn honk starts and the parking lights flash: this will lock the doors before the sound signal starts.

Panic Mode will automatically shut down after 25 sec.

Note: To stop panic mode before the end of its delay, press the **I** button until the sound signal stops.

Cold Weather Mode

If your vehicle has a manual transmission, Ready mode should be set before entering Cold Weather mode. When cold weather mode is active, the engine starts every 2 hours and runs for 3 minutes (or 8 or 20 minutes with diesel engines). Cold weather mode automatically ends after 24 hours (or 12 starts).

To *enter* Cold Weather Mode:

- Press the **II** button for 3 seconds.
- There will be two (2) beeps and the parking lights will flash three (3) times.
- **Note:** You can enter Cold Weather mode the same way on a manual vehicle, as long as the unit is in Ready mode first.

To *exit* Cold Weather Mode, do any one of the following actions:

- Open the hood.
- Start the engine by remote.
- Start the engine with the key.
- Press the **II** button for three seconds. (There will be one (1) beep and the parking lights will flash once.)

Engine Run Time

If you have a gas engine, your remote starter can be programmed to run the engine for 3, 15, or 25 minutes (15 minutes by default). If you have a diesel engine, the remote starter can be programmed to run the engine for 8, 20, or 30 minutes (20 minutes default).

Advanced Features: Installation-programmable options

Note: The programming of these features should be left to a professional. Changing any one of the settings may adversely affect the operation of the module.

Arming the Starter Kill

Note: It can only be activated if button **I** is programmed as **LOCK** or **UNLOCK** button.

If installed, the Starter Kill can be programmed to arm in Active Mode (will not arm automatically) or in Passive Mode (will arm automatically).

- To **disarm** the Starter Kill in Active or Passive Mode, press the **I** button on the transmitter. The parking lights will flash twice. (If Remote Door Locks were installed, this will also unlock the doors.) In Passive Mode, the system will automatically rearm 1 or 3 minutes after the doors were unlocked.
- To **arm** the Starter Kill in Active or Passive Mode, press the **I** button on the transmitter. The parking lights will flash once. (If Remote Door Locks were installed, this will also lock the doors). In Passive Mode, the system will automatically arm 1 or 3 minutes after the engine is shut down.

Remote Door Locks

Note: It can only be activated if button **I** is programmed as **LOCK** or **UNLOCK** button.

If your system was installed with the Remote Door Locks option, you will have the convenience of remote keyless entry.

To lock your doors and arm the starter kill (if installed):

1. Press and hold the **I** button for approx. 1 sec.
2. The parking lights will flash once to confirm that the doors have been locked and that the Starter Kill feature is enabled if it was installed.

To unlock your doors and disarm the starter kill:

1. Press and hold the **I** button for approx. 1 sec.
2. The parking lights will flash twice and the LED. will go out to confirm that the doors have been unlocked and that the Starter Kill feature is disarmed if it was installed.

Note: If installed and configured in passive mode at installation, the starter kill feature will rearm automatically 60 seconds after the doors are unlocked. For that reason, you may have to unlock your doors a second time if some time elapses before you actually start the engine.

Ignition-controlled Door Locks Option

This is an added security feature. If your remote starter was installed with the ignition-controlled door locks option, the doors will automatically lock as soon as the key is turned to the **IGNITION ON (RUN)** position while the brakes are pressed. The remote car starter will also lock any door that was unlocked and opened (then closed) the next time the break pedal is pressed. When the key is turned to the **OFF** position, the doors will automatically unlock.

Secure Lock Option

(Only for certain vehicles.) Before it can remote start your vehicle, the remote starter must first disarm the factory security system. The secure lock feature may be required on certain vehicle models with factory security systems that automatically unlock the doors when the security system is disarmed.

To keep your vehicle protected when the factory security system is disarmed for a remote start, secure lock will relock your doors as soon as the vehicle has started. Once the engine run cycle ends, secure lock will rearm your factory security system.

Remote Trunk Release Option

If your system was installed with the Remote Trunk Release, you can open your trunk by pressing the **I & II** buttons (simultaneously) on the remote transmitter. Vehicles must have an electric trunk switch or a remote trunk button on the vehicle's OEM Transmitter for this option to be compatible with the module.

Starter Kill / Anti-Grind

This added security feature will immobilize your vehicle when the system is armed (locked). If your module was installed with the Starter Kill option, you will not be able to start your vehicle with the key unless the system has been disarmed first (unlocked).

The Starter Kill option can be programmed to be **ACTIVE** (will not arm automatically) or **PASSIVE** (will arm automatically). In **PASSIVE** Mode, your installer can program it to arm automatically in 1 minute.

Once the vehicle has been remote started, the Anti-Grind feature prevents the starter motor from re-engaging if the ignition key is accidentally turned to the **CRANK** position.

Note: Automobile insurance companies sometimes offer a rebate for vehicles with a passive starter kill device.

Troubleshooting Poor Transmitting Range Issues

Many factors may affect the operating range of the transmitter. Some of these are:

- The condition of the battery in the transmitter.
- The operating environment (for example: downtown radio-frequency noise, airports, cellular phone towers...)
- Metal: any type of metal will affect operating range. This includes the vehicle itself.
- The shape of the vehicle can affect range as well (vans in general have less range).
- The shape of the roof and A-pillars brings about considerable radio-frequency deflection (in this case the signal from the remote control). As a result, the direction in which the vehicle is facing in relation to the remote control can affect the range. Straight on (standing in front of the vehicle) generally gives you the greatest range; the second best performance is from the back. Using the remote control from either side of the vehicle will usually give the lowest range.
- The range will be significantly lower in a crowded parking lot than in open space.
- Always hold the transmitter high, approximately at shoulder height.
- The operating range will be somewhat lower on vehicles equipped with an aftermarket or factory alarm.

Diagnostics – Parking Light Flash Table

Flashes	Description	
1	<ul style="list-style-type: none"> • Doors locked, starter kill armed • Run time has expired • I & II buttons pressed • Start signal received by the module • Cold weather mode cancelled 	
2 slow flashes followed by 8 quick flashes	<ul style="list-style-type: none"> • Reset from manual to automatic 	
2	<ul style="list-style-type: none"> • Doors unlocked, starter kill disarmed • Remote start attempt cancelled by remote • Exiting ignition valet 	<ul style="list-style-type: none"> • Power-up reset • Board set from manual to automatic; power ON • Power ON to OFF (automatic transmission).
3	<ul style="list-style-type: none"> • Entering and exiting ready mode. 	<ul style="list-style-type: none"> • Entering ignition valet
4	<ul style="list-style-type: none"> • +12 V detected on the brake input wire either while cranking or during run time • Entering multi-speed tach programming • Board set from automatic to manual; power ON • Power ON to OFF (manual transmission) 	
5 Fast	<ul style="list-style-type: none"> • Tach signal programmed • New transmitter programmed 	
6	<ul style="list-style-type: none"> • A remote start was attempted while a tach-before-crank signal was detected before cranking 	
8	<ul style="list-style-type: none"> • Unit reset 	
10	<ul style="list-style-type: none"> • A ground (-) signal was detected on the hood pin input wire when attempting to remote start or during run time 	
When pressing II 15 quick flashes....	<ul style="list-style-type: none"> • The parking brake is connected to ground (automatic transmission) 	
1 – pause – 2	<ul style="list-style-type: none"> • There was a remote start attempt while the vehicle was in valet mode • Failed start: vehicle's low battery voltage 	
ON SOLID for 3 seconds....	...followed by 1 flash	Exiting cold weather mode
	...followed by 3 flashes	Entering cold weather mode
ON continuously	<ul style="list-style-type: none"> • Idle mode: Idle mode is engaged • Run time: The vehicle has been remote started and is in run time 	
ON 2 seconds	<ul style="list-style-type: none"> • The hood has been opened and a ground (-) signal has been detected on the hood pin input wire 	
ON 4 seconds	<ul style="list-style-type: none"> • Locking or unlocking a door (with door pulses configured to 4 sec.) 	
ON 20 seconds	<ul style="list-style-type: none"> • The hood pin has been flashed and you now have access to the programming options 	
Constantly flashing up to 25 sec.	<ul style="list-style-type: none"> • Panic mode is triggered 	

LIMITED LIFETIME WARRANTY

REMOTE STARTERS:

As the manufacturer, 4366859 Canada Inc. ("Autostart") warrants to the original consumer purchaser only (**nontransferable**) that the remote starter module (control box) shall be free from defects in materials and workmanship for as long as the original consumer purchaser continuously owns the vehicle in which the remote starter was originally installed, as specified below:

- 1) For the first two years after the date of manufacture, as specified by the serial number on the module, Autostart will replace the remote starter module free of charge with a new remote starter module.
- 2) For the third year and any consecutive year after the date of manufacture, as specified by the serial number on the module, Autostart will provide to the original consumer purchaser a new remote starter module, for a repair charge of \$25.00 USD.

In all cases, the consumer must return the remote starter module to the point of purchase, and must provide a copy of the proof of purchase to said retailer. A remote starter module will be returned to the retailer for the consumer to claim within a 4 (four)-week period. For case (2), a certified cheque or money order in the amount of \$25.00 USD must accompany the remote starter module, or the retailer may refuse the return.

ACCESSORIES:

Autostart warrants to the original consumer purchaser only (**nontransferable**) that it will replace any Autostart accessory part for a one-year period from date of purchase. Accessories will only be replaced if proven defective in material or workmanship, and if, when the accessory is returned to the point of purchase, the retailer is provided with a copy of the proof of purchase. The accessory will be sent to the retailer for the consumer to claim within a 4 (four)-week period.

THE WARRANTY IS VOID IF:

- 1) The product has been damaged, altered in any way or tampered with, without the explicit written consent of an Autostart technician. For remote starter modules, this includes the opening or removal of the plastic covering of the module, or the removal or alteration of the barcode label on the plastic covering of the module.
- 2) The product is damaged due to accident, fire, flood, shipping and handling, misuse, neglect, or other conditions beyond the control of Autostart.
- 3) The product has been installed or repaired by anyone other than a certified technician.
- 4) The product has been improperly installed or used.

THE WARRANTY DOES NOT COVER:

- 1) Batteries.
- 2) Scratched or worn transmitter cases.
- 3) Installation and/or removal charges for all remote starter modules and accessories.
- 4) Shipping and handling charges incurred for product exchange or replacement.
- 5) Any material damages other than to the product itself.
- 6) Harnessing, L.E.D. lights, switches, inverters, relays, etc.

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