



MANUAL / AUTOMATIC TRANSMISSION MULTI-CHANNEL
REMOTE STARTER SYSTEM

AS-2272

User Guide

WARNING

It is the responsibility of the vehicle operator to ensure that 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 **STOP** functions (by default).

Button **II** is for the **START** functions (by default).

Buttons **I & II** (together) are 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 require the radio and / or windshield wipers and / or headlights circuits to become energized while running under remote start. When leaving the vehicle you must ensure that the windshield wipers and headlights switches are **OFF**. Leaving the headlights switch **ON** on certain types of vehicles could cause them to remain **ON** even after remote starter shutdown, resulting in a dead battery.

Arming the Starter Kill

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

The Starter Kill (if installed) can be configured by the installer either to **Passive Mode** (so as to arm automatically) or **Active Mode** (so as to require the user's intervention for arming). By default, your Remote Car Starter is configured to **Passive Mode**.

➤ **Passive mode:**

- To **arm** the Starter Kill, press the **I** button on the transmitter, **OR**
- In **Passive Mode**, the Starter Kill will also automatically arm 1 minute (by default) or 3 minutes (if configured this way) after the ignition is turned **OFF** or once the last door is closed (if the doors are monitored).
 - **The LED on the antenna will flash quickly during the countdown preceding the activation of the Starter Kill.**
 - **Once the activation countdown expires, the LED will send a series of quick double flashes to indicate that the Starter Kill is now armed.**
- To **disarm** the Starter Kill, press the **I** button on the transmitter.
 - **The Starter Kill will automatically rearm itself after 1 minute (by default) or 3 minutes (if configured this way) if no door is left opened (if the doors are monitored) and the ignition is not turned ON.**

➤ **Active Mode:**

- To **arm** the Starter Kill, press the **I** button on the transmitter.
 - **The parking lights will flash once.**
 - **The LED on the antenna will flash slowly.**
 - **If remote door locks are installed, this will also lock the doors.**
- To **disarm** the Starter Kill, press the **I** button on the transmitter.
 - **The parking lights will flash twice.**
 - **The LED on the antenna will remain OUT.**
 - **If remote door locks are installed, this will also unlock the doors.**

Remote Starting Your Vehicle

If your vehicle has an **automatic transmission**, simply press the **II** button to remote start or the **I** button to stop your vehicle. Skip the next steps on to "Remote-starting".

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 .	

Note: The vehicle will also enter Ready Mode once the engine run time expires.

Remote-starting

Press the **II** button for approximately 1 second. The parking lights will come **ON** to inform you that the remote starter has received your signal. Approximately 5 seconds later, the engine will start. 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, wait a few seconds and try to start the engine again. 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 control, 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. With the engine running, make sure to release the brake pedal and press the **II** button on the remote control until the parking lights come on.
2. Remove the key and exit the vehicle. The engine will continue running.
3. Lock the doors if needed.

Note: 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 (see earlier in this Guide)**; at the last step, the buttons **I & II** are pressed together.

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

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

Valet Mode

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.

- **Any of the following features will put your remote car starter into Valet Mode:**
 - **Ignition Valet:** This feature allows you to put your system into Valet Mode by using the **ignition key**.
 - **Valet switch:** This feature allows you to put your system into Valet Mode by using a **push button switch (optional)**.

To put the system i n t o Valet Mode

- **To put the system i n t o Valet mode using the KEY (Ignition Valet Mode):**
 - a. Insert the ignition key into the ignition switch. Within 10 sec., turn the key 5 times successively into the **IGNITION/RUN** and **OFF** positions.
The parking lights will flash three times.
 - b. Turn the ignition **OFF**
The LED on the antenna will come ON solid to indicate that the vehicle has successfully entered Valet mode.
- **To put the system i n t o Valet mode using the PUSH BUTTON SWITCH (Valet Switch Mode):**
 - a. Insert the ignition key into the ignition switch.
 - b. Turn the key into the **ON** position
 - c. Within 5 seconds, press the push button switch until the parking lights flash **3 times**.
 - d. Release the push button and turn the ignition to the **OFF** position.
The LED on the antenna will come ON solid to indicate that the vehicle has successfully entered Valet mode.

To put the system o u t o f Valet Mode

- **To put the system o u t o f Valet mode using the KEY (Ignition Valet Mode):**
 - a. Insert the ignition key into the ignition switch. Within 10 sec., turn the key 5 times successively into the **IGNITION/RUN** and **OFF** positions.
The parking lights will flash twice.
 - b. Turn the ignition **OFF**
The LED on the antenna will flash quickly to indicate that the vehicle is now out of Valet mode.
- **To put the system o u t o f Valet mode using the PUSH BUTTON SWITCH (Valet Switch Mode):**
 - a. Insert the ignition key into the ignition switch.
 - b. Turn the key into the **ON** position
 - c. Press the push button switch until the Parking lights flash **twice**.
 - d. Release the push button and turn the ignition to the **OFF** position.
The LED on the antenna will flash quickly to indicate that the vehicle is now out of Valet mode.

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 by pressing and holding the **I** button for approximately 3 seconds until the horn honk starts and the parking lights flash. 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.

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 for 8 or 20 minutes with diesel engines). Cold weather mode automatically ends after 24 hours (or 12 starts).

To enter Cold Weather Mode:

- Press and hold the **II** button for 3 seconds or until the parking lights flash three (3) times.

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 and hold the **II** button for three seconds (the parking lights will flash once).

To verify whether the system is in Cold Weather Mode (automatic transmissions only):

- Press the brake pedal:
- If the vehicle is in cold weather mode, the parking lights will stay on while the pedal is pressed.

Advanced Features: Installation-programmable options

Caution: The programming of your system should be left to a professional. Changing any one of the settings may affect the operation of your Remote Car Starter. Please note that the following programmable options may require additional parts and labor.

Passive or Active Arming of the Starter Kill

See section "**Arming the Starting Kill**" earlier in this guide.

Remote Door Locks

If your Remote Car Starter was installed with the Remote Door Locks option, you will have the convenience of remote keyless entry. See section "**Arming the Starter Kill**", earlier in this Guide, for further instructions on remote door locking and unlocking.

Ignition-controlled Door Locks

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 be unlocked.

Secure Lock

(Only for certain vehicles.) Before your vehicle can be remote-started, the factory security system must first be disarmed. 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 is started. Once the engine is shut down by remote or

after its runtime has expired, secure lock will also rearm your factory security system and relock the doors.

Remote Trunk Release

If your system was installed with the remote trunk release option, 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.

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), then shut down the engine.

If your vehicle has an automatic transmission, proceed as follows to set the system to 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**.
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.

Note: The vehicle will enter Ready Mode once the engine run time expires.

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).

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.
- The transmitter's antenna may be partially covered by the user's fingers. Always hold the transmitter high, approximately at shoulder height, and ensure that your fingers are not covering the antenna.
- The operating range will be somewhat lower on vehicles equipped with an aftermarket or factory alarm.

LIMITED LIFETIME WARRANTY

REMOTE STARTERS AND ALARM SYSTEMS:

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 check 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.

THIS LIMITED LIFETIME WARRANTY SHALL CONSTITUTE THE SOLE LIABILITY OF AUTOSTART FOR OUR PRODUCTS, AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. THERE ARE NO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. NO PERSON, FIRM OR CORPORATION IS AUTHORIZED TO ASSUME FOR AUTOSTART ANY OTHER LIABILITY WITH RESPECT TO THE SALE OR USE OF OUR PRODUCTS. AUTOSTART'S LIABILITY, WHETHER BASED ON CONTRACT, TORT, WARRANTY, STRICT LIABILITY, OR ANY OTHER THEORY, SHALL NOT EXCEED THE PRICE OF THE INDIVIDUAL UNIT WHOSE DEFECT FOR DAMAGE IS THE BASIS OF THE CLAIM. UNDER NO CIRCUMSTANCE WILL AUTOSTART, ITS DISTRIBUTORS OR THEIR AGENTS BEAR ANY LIABILITY WHATSOEVER FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

The parties hereto elect that any dispute regarding the present document be submitted to the appropriate Court located in the Province of Quebec, District of Montreal. The parties hereto agree that this document is governed by and interpreted in accordance with the law of Quebec. If the purchaser is located in a province of Canada other than Quebec, all matters dealing with the warranty of quality will be governed by and interpreted in accordance with the law of Ontario. If the purchaser is located outside Canada, all matters dealing with the warranty of quality will be governed by and interpreted in accordance with the United Nations Convention on Contracts for the International Sale of Goods (the "Vienna Convention").