

AUTOSTART

REMOTE CONTROL CAR STARTER

AS-1200 OPERATING INSTRUCTIONS

USE FOR VEHICLES WITH AUTOMATIC TRANSMISSIONS ONLY

BASIC OPERATIONS

The remote control unit has two buttons. Button I is used to operate the door locks (if that option was installed) and Button II is for remote engine start.

To start the car by remote, you must ensure that the hood is closed, the key is not in the ignition and that the brakes aren't pressed. Press and hold Button II for about a second or for about 4 to 5 seconds if the Child Proof feature was enabled by your installer. The parking lights will come on to inform you that the unit has recognized your remote. Once the lights come on, release the button on the remote. Your vehicle will now start.

NOTE: Do not continue to press the remote once the parking lights activate. Pressing the remote continuously for 4 seconds will activate the "Cold Weather" mode and will not start the engine.

If the car doesn't start, AUTOSTART will shut off, wait a few seconds, then try to start the engine again. AUTOSTART will try to start the engine a total of two, three or four times (programmable) before giving up.

When the engine starts, the parking lights will stay on for the run time duration of 5, 15 or 25 minutes (programmable). If the engine stalls, AUTOSTART will try to start the engine again (maximum of 3 attempts).

With the engine running under remote control, enter the vehicle. Insert the key in the ignition and turn the key to the ON position. Do not turn the key to the START position with the engine running. Step on the brake and drive away. Stepping on the brake deactivates the remote starter.

NOTE: Make sure that you have the heater or air conditioner turned on before leaving your vehicle. AUTOSTART will warm or cool your car when starting by remote control.

REMOTE DOOR LOCKS

If your system was installed with remote door locks, you will be able to lock and unlock your doors using the remote control.

To unlock your doors, press and hold Button I until the parking lights flash twice to confirm that the doors are unlocked.

To lock your doors, press Button I on your remote until the parking lights flash once to confirm that the doors are locked.

REMOTE TRUNK RELEASE OR GARAGE DOOR CONTROL

AUTOSTART has the capability to control the trunk release or an external garage door opener system. If your unit was installed with the Trunk Release option, you can open the trunk using your remote. This is especially handy when you carry packages and need to open the trunk.

To open the trunk, press and hold Buttons I and II together for about a second. The parking lights will flash once to confirm the operation.

If your unit was installed to control an external garage door transmitter, AUTOSTART can open your garage door using your remote. You will then need to use only one remote control instead of two.

The garage transmitter can be activated while the ignition key is in the ON or OFF position while the trunk release operates only if the ignition key is not inserted or in the OFF position.

STARTER KILL OPTION

If your system was installed with the Starter Kill option, you will not be able to start your vehicle using the keys without first disarming the system. This option works with the Door Lock option. If you did not have the Door Lock option installed, ignore the references to the door lock/unlock operations below.

To disarm the Starter Kill System, press and hold Button I to unlock the doors. When the system has been disarmed, you will get two quick flashes through the parking lights.

NOTE: Locking the doors will rearm the starter kill unit.

Once the system has been disarmed, you will have approximately 45 seconds to insert the key in the ignition, turn it to the ON position and start the engine.

When the engine is turned off, the system will rearm in 45 seconds.

IDLE MODE OPTION

The Idle Mode Option can be enabled by your installer so that you can leave the vehicle unattended and the engine running for the engine run time. This is handy when you need to make a short stop or delivery without having to stop the engine and restart it. If your stop is longer than the engine run time, the engine will shut off automatically, similar to a remote start.

If this option was enabled at installation, you can activate Idle Mode by completing the following steps:

- 1) Ensure that the engine is running.
- 2) Hold Button II (or channel 1 to unlock doors if Ignition Lock is disabled) at least 2 seconds to activate Idle Mode. If the parking lights were OFF before activating Idle Mode, they will flash then remain ON to indicate the Idle Mode active state.
- 3) Remove the key. The engine will run for the run time programmed in Mode 2.
- 4) Exit the vehicle and lock the doors.

SAFETY FEATURES

AUTOSTART is equipped with a valet switch (ON/OFF). Make sure that all users of the vehicle know the location of the switch. Turn the switch OFF when:

- Servicing vehicle
- Parking the vehicle in enclosed areas such as a garage
- There are problems with the remote starter

AUTOSTART is equipped with a pin switch in the hood. When the hood is raised, the remote starter is disabled. A faulty pin switch will disable the remote starter. Make sure the pin switch is in good condition for reliable starts.

COLD WEATHER STARTS

The AUTOSTART unit has a feature which will start your vehicle every two hours for five minutes. This helps to keep the engine warm during cold weather and makes starting the vehicle easier.

To place the AUTOSTART unit in "Cold Weather" mode, press and hold Button II for about four to five seconds. Note that if the Child Proof Option was enabled by your installer or if the use of Buttons I and II pressed simultaneously was assigned to control Cold Weather operation, you must press and hold Buttons I and II for about 4 seconds instead of using only Button II to control Cold Weather operation. Once the unit goes into Cold Weather mode, the lights will quickly flash three times. Once the lights begin to flash, release the button. You can cancel Cold Weather mode by doing any one of the following:

- Press and hold Button II (or Buttons I and II if applicable) for about 4 seconds until the lights flash once.
- Place the key in the ignition and turn it to the ON position.
- Start the vehicle by remote.
- Open the hood (the lights will flash ten times).

Opening the trunk by remote does not cancel Cold Weather mode. The unit will automatically cancel Cold Weather mode after starting the engine 12 times (maximum of 24 hours).

To determine if the unit is in Cold Weather mode, press on the brakes. While the brakes are pressed, the parking lights will activate.

CHILD PROOF OPTION

The child proof option can be enabled by your installer so that you must press and hold Button II for about 4 seconds in order to start the vehicle. The Child Proof Option can be another security feature that you can use if you are concerned by the possibility of starting your vehicle without wanting it by briefly pressing Button II.

The child proof option requires Button II to be pressed for 4 seconds in order to start the vehicle. If this option is enabled, cold weather operation will be controlled by pressing both Buttons I and II for 4 seconds instead of only pressing Button II for 4 seconds.

IGNITION LOCK

This feature can be programmed in the AUTOSTART unit. If this feature has been activated, AUTOSTART will automatically lock your doors when the key is in the ignition and you press the brakes. This occurs only once when the ignition is in the ON position.

When you turn the ignition key OFF, AUTOSTART will automatically UNLOCK your doors.

If the ignition is turned ON and you did not press the brakes, no action will be taken when you turn the ignition key OFF again.

PROGRAMMING OPTIONS

The following can be programmed by your dealer:

- Engine run time: 5, 15 or 25 minutes
- Number of tries: 2, 3 or 4 times
- Maximum crank time: 6, 8 or 12 seconds
- Child Proof Feature
- Trunk release or Garage door control
- Idle Mode Feature

DIAGNOSING PROBLEMS

■ Poor transmitting range

There are many factors which affect operating range. Some of these are:

- Battery condition
- Operating environment (Downtown RF noise)
- Metal: any type of metal will affect operating range. Range in a crowded parking lot will be significantly lower than open space.
- Transmitter orientation: Always hold the transmitter high; approximately shoulder height. Holding the transmitter under the chin will improve performance. Try it!

■ Engine does not start

If the engine does not start, check the following:

- Is the transmitter LED working? If not, check the battery.
- Are you pressing the transmitter long enough? Press the transmitter until the parking lights activate.
- Check the valet switch. When the power is turned ON, the parking lights will flash twice to confirm the ON mode.

For all other problems, see your dealer.