

HOW TO VoltStart



VoltStart

What is VoltStart?

VoltStart is a system that monitors your coach batteries and will start your engine to help maintain or charge your coach batteries when they drop below a specific voltage level. The simplified version of how it works is that the system triggers the remote starter based on the preset voltage limit. The voltage reading is taken from the coach batteries.

What do you need to do?



Sprinter VoltStart switch





Promaster VoltStart switch




Chevrolet VoltStart switch

VoltStart is activated with a dash mounted switch. On the Sprinter chassis, it is on the dash to the left of the steering column. On the Zion, it is in the recess to the left and down of the steering column. The switch will light up when VoltStart is on. You must take specific steps to insure that VoltStart will engage.

 Set up your dash Air Conditioning (A/C) before engaging VoltStart. Start the engine, set the desired temperature for the dash A/C, and turn off the engine. That way the dash A/C will work in tandem with the coach A/C to keep the vehicle cooler.

 For your safety, VoltStart will not start the engine if the hood or any of the doors are open, or if the keys are in the ignition.


Once turned on, VoltStart will monitor your coach batteries and start the engine automatically to engage the underhood generator. When the battery voltage reaches the set point, the VoltStart will start a timer to make certain it is not a momentary spike or surge in power demand. The engine will run for approximately 35 minutes.


 Never turn on your VoltStart in an enclosed space such as a storage facility or garage. Exhaust fumes can build up and cause death.

Steps to Turning VoltStart On

VoltStart has to interact with the vehicle electronics and various safety interlocks. These steps are needed to turn the VoltStart on:

- Turn VoltStart to “off” position.
- Start the vehicle and let it idle for a few seconds to reset the VoltStart cycle counter. The switch will only light up if the lithium cells are on.
- Turn off ignition.
- Turn VoltStart to “on” position.
- Close all doors, whether you are exiting the vehicle or staying in it.
- Remote start the unit to activate the first cycle of VoltStart (do this even when inside the vehicle).

 It is possible to engage the safety interlocks by opening the doors or pressing the brake pedal while VoltStart is monitoring your batteries. We recommend that you repeat the above steps every time you open any of the doors on your vehicle.

 The VoltStart and remote start together will start your vehicle 5 times. After 5 starts, the LED switch will turn off (1 remote and 4 VoltStarts) and you must repeat the above steps to reset the counter.

Remote start



Press the lock button on your remote form three times to start the Sprinter.



Press and hold the key button on your remote start fob to start the ProMaster remotely.



Press the lock button 3 times to start the Chevy.

VoltStart works with your vehicle's remote start feature.

IMPORTANT



The remote start will work even if the vehicle is low on fuel. Always check fuel levels and fill up if necessary prior to using VoltStart.

IMPORTANT INFO FOR CHEVROLET OWNERS

As of the 2016 chassis model year, Chevrolet has changed the programming for the remote start.

The Chevrolet auto-start units have to be reset if the vehicle is started and not allowed to run its pre-programmed running time of 35 minutes and an attempt is made to remote start it. In other words, if you use the remote start and/or VoltStart within 35 minutes, the system goes into a security mode and will start and shut off after 3 seconds.

To reset system, start the vehicle using the ignition key, close door, apply foot to brake, put vehicle into drive and then back to park and shut off. This resets it for remote start again.

IMPORTANT INFO FOR SPRINTER OWNERS

Using the remote start or VoltStart function disables the various safety sensors. You must turn off the ignition and start the engine with the ignition key to have use of these sensors while driving.

In addition, driving with the sensors disabled will log fault codes in the engine ECU and cause warning lights to be displayed on the dash.



Always turn the ignition off and start the engine with the ignition key if you plan on driving.

OTHER INFORMATION

- The system shuts itself down after 5 starts. The LED light will go off on the switch.
- When 3 starts have been attempted without success, the LED will blink slowly every 3-4 seconds. It will only attempt this 3 times.