

AUXILIARY 12-VOLT SYSTEMS & SWITCHES

Some of the most often asked questions of our Service Advisors pertain to the auxiliary 12-volt systems and associated switches. While the basic functions and components have not substantially changed over the years, there is still a fair amount of confusion as to how and when to use the battery disconnect and battery boost switches. This is intended to be a general overview of those components. For specific information regarding your vehicle, please refer to your operator's manual.

The "Battery Boost" switch has gone by several different names in recent years. Originally, this switch was called the "Battery Mode" or "Dual/Momentary" switch. In the dual position, the engine alternator would charge the house batteries as you drove. The momentary position was utilized to connect the house battery to the automotive system to aid in starting the vehicle's engine. When the charging feature became automated, the momentary switch became the "Aux Start" and, most recently, the "Battery Boost" switch. Following are illustrations of this switch in its various forms.

A second switch that generates discussion is the "Auxiliary Battery" or battery disconnect switch. Whether located on the automotive dash or near the step well location of your house batteries, its purpose has always been able to disconnect the auxiliary batteries from the house 12-volt system during periods of non-use. Typically considered for use during seasonal storage, utilizing the auxiliary battery disconnect feature eliminates the need to remove a battery cable to prevent battery discharge.

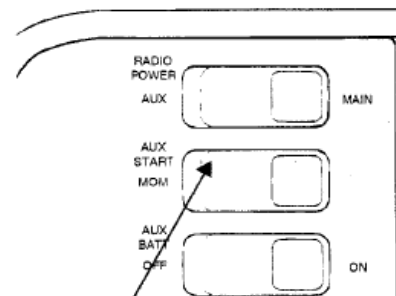
BATTERY BOOST SWITCH

This switch can be used to provide emergency starting power from the house batteries if the chassis battery is dead. To use, press and hold while turning ignition key to start.



AUX START SWITCH

This switch can be used to provide emergency starting from the motor home auxiliary battery if the automotive battery is dead.



If engine battery is dead, press this side while turning ignition key for emergency starting power.

BATTERY MODE SWITCH

A & C-Body Motor Homes (Not Available on Diesel Equipped Vehicles or Model 319RB)

The battery mode switch is used to connect the auxiliary batteries to the automotive electrical system, allowing them to be recharged by the engine alternator while driving. The momentary (MOM) position can be used to provide additional starting power from the motor home auxiliary battery if the automotive battery is discharged.

