

TRIK-L-START

On 2005 and earlier model coaches built on Freightliner chassis there is potential for the chassis battery to lose its charge when parked for three weeks or more. Engine and transmission electronics, along with certain coach features, place a parasitic draw on the battery. Typically, this draw is 200 milliamps or less, but over time the battery may discharge to the point it won't start the engine. Usually, the auxiliary start feature will allow you to get your engine running so that the alternator will recharge the battery. If not, you may need a jump-start or an auxiliary charger to replenish the battery.

All 2006 diesel pusher models have a Trik-L-Start device installed to help maintain the chassis battery charge when parked. Following is an edited dealer service bulletin which explains this device's function and installation. It can readily be installed on pre-2006 vehicles and will help to prevent the likelihood of chassis battery and /or starting problems.

For 2006, P-Series (Journey/Meridian) and S-Series (Vectra/Horizon) models are equipped with a new chassis battery charging feature. This new feature called a Trik-L-Start will help maintain the chassis battery anytime the unit is plugged into 110V shore power and the battery disconnect is in the "on" position.

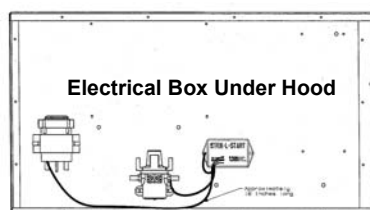
The Trik-L-Start device monitors battery voltage in the house batteries and compares it to the chassis battery. When the Trik-L-Start senses the chassis battery voltage is approximately 1/2 volt lower than the house battery, it allows up to 5 amps current flow to the chassis battery. The circuitry within the Trik-L-Start prevents back feeding of electricity from the chassis to coach battery so if 110V power is interrupted, the chassis battery will not be discharged.

Additional information can be found at <http://www.lslproducts.com/TLSPage.html>.

This new feature is also available for sale as an aftermarket installation. Order the Trik-L-Start from Winnebago Part Sales (part number 703000-01-000) and install according to the following directions.

P-Series: Journey/Meridian

1. Locate the Battery Boost (or Aux Start) and the Battery Disconnect Solenoids behind the electrical door under the hood.



2. Mount the Trik-L-Start to the back side of the electrical box (next to breaker panel).

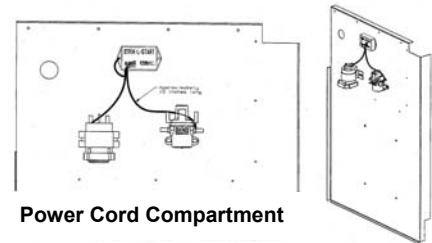
3. If ring terminals are not on the wires, cut the 3 wires (blue, yellow, and black) to appropriate length and strip and connect the eyelet terminals to the Trik-L-Start following the manufacturer's instructions.

4. Connect the blue wire to the left (chassis battery) 3/8" stud of the Battery Boost Solenoid and connect the yellow wire to the right (load side) 3/8" stud of the Battery Disconnect Solenoid.

5. Locate the suitable ground (may use the mounting screw for the Trik-L-Start) and connect the black wire to it, then verify proper ground.

S-Series: Vectra/Horizon

1. Locate the Battery Boost (or Aux Start) and the Battery Disconnect Solenoids behind the electrical close-out panel in the power cord compartment.



2. Mount the Trik-L-Start above and to the right of the Battery Boost solenoid.

3. If ring terminals are not on the wires, cut the 3 wires (blue, yellow, and black) to appropriate length and strip and connect the eyelet terminals to the Trik-L-Start following the manufacturer's instructions.

4. Connect the blue wire to the left (chassis battery) 3/8" stud of the Battery Boost Solenoid and connect the yellow wire to the right side (load side) 3/8" stud of the Battery Disconnect Solenoid.

5. Locate the suitable ground (may use the mounting screw for the Trik-L-Start) and connect the black wire to it, then verify proper ground.