



CSC-10058559-2136

**Tiffin Motorhomes, Inc.**  
**105 2<sup>nd</sup> Street NW**  
**Red Bay, AL 35582**  
**256-356-8661**

**SB-49**

**Automatic Generator Start (AGS) Wires**  
**2016 Tiffin Coaches with Magnum Inverters and AGS**

August 11, 2015

Dear Tiffin Customer,

It has come to our attention that some 2016 Allegros, Allegro REDs, Phaetons, and Buses equipped with Magnum Inverters and AGS were shipped with two misplaced wires. The generator may not start correctly when using the AGS feature if these wires are misplaced. The two wires that may be misplaced are the AGS module's power wire with the air conditioning AGS triggering wire.

We have included instructions on checking the wires and the parts needed to correct the wire placement if needed. If you feel comfortable in completing this repair yourself, you may do so. You can also choose to take your coach to one of our dealers or a reputable service center of your choice to have this repair completed. We are allowing 30 minutes for this repair to be completed.

If you choose to take your motorhome to a repair facility, please give them the enclosed form to be filled out and returned with their invoice. If you choose to complete this repair yourself, please fill out and return the enclosed form to us by mail at the above address, fax at 256-356-6863 or email to [jeanie.madden@tiffinmotorhomes.com](mailto:jeanie.madden@tiffinmotorhomes.com)

We regret any inconvenience this action may cause, but feel certain you understand our interest in correcting this issue.

Thank you,

Tiffin Motorhomes, Inc.

## Service Bulletin 49

### Automatic Generator Start(AGS) Wire Placement Instructions



Tools and Materials Needed:  
Either a Molex pin extractor (preferred) or two 16 gauge butt splices, wire strippers, and a crimp tool.



1) Inspect the AGS module while the roof A/C units are running. If the Ready light is not lit check for a blown fuse or tripped breaker then proceed to the next step once that problem is fixed and the light has turned on.



2) Turn all thermostats off and inspect the AGS again. If the ready light is no longer lit this means the AGS Power and A/C Trigger wires running into the AGS need to be switched.

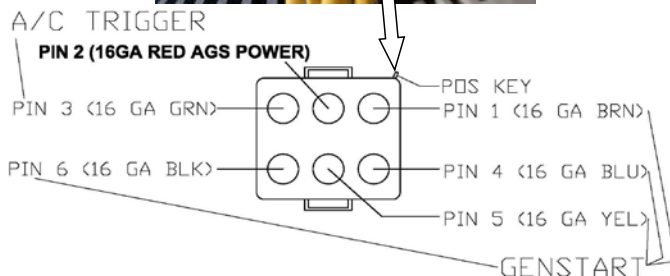
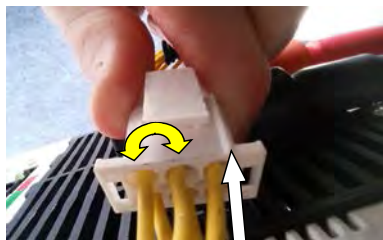
**\*The following steps are only necessary if the AGS only receives power when the thermostats are turned on.\***

If the AGS remains ready when the thermostats are set to off this means the wires are installed properly and no further action is necessary.

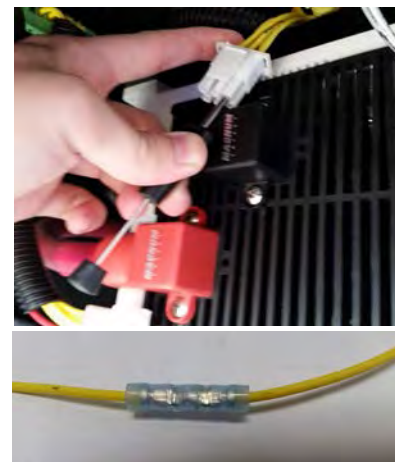


3) TURN OFF THE BATTERY DISCONNECT SWITCH AT THE BATTERY COMPARTMENT

4) Trace the yellow wires from the AGS unit to the 6 pin Molex connector hidden around or above the inverter. Pull the bundle of wires out and disconnect the Molex. The wires that need to be switched are installed on the male side of the connector.



5) Refer to the drawing to identify the wires that need to be switched. Pay special attention to the position key to ensure the connector is oriented correctly. The wires will be labeled "(RED) AGS POWER" and "(GRN) A/C TRIGGER"



6) Either use a Molex pin extractor to switch the wires or cut, strip, and splice the wires into the proper pins. Reconnect the Molex when finished.