

**1301 STAHLEY DRIVE
BUILDING #42
NAPPANEE, IN 46550**

NEWMAR CORPORATION

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PRODUCT INFORMATION BULLETIN

DATE ISSUED

4/4/2016

PIB #

448

2015 - 2016 ESSEX & KING AIRE

YEAR / BRAND / TYPE

PRODUCT INFORMATION

Confirm that the front shade issue is KIB module-related by testing the dash and the "All Shade" function, as the shades may operate normally while operating individually.

Multiple shades, powered by the KIB module, can be controlled at one time using the Up/Down buttons. The cockpit shade functions may be accessed via the Day/Night button on the Virtual Keypad page of the SilverLeaf touchscreen or the "All Shade" switches located on the kitchen or living room wall.

If the shades partially lower, then begin "jumping" in small increments or suddenly stop, there may be an issue with the operation of the shades while using the switches or SilverLeaf touchscreen, which activate the KIB shade module. The following steps may help resolve any issues between the shades and the KIB module.

Step 1

The shade issue may be the result of low voltage or poor grounding to the KIB shade module. Verify that the coach battery voltage is 12.0 Volts or above. Then, hook up a meter to both motor leads, and test them by running the shades. Record the voltage. Remove the negative lead, and connect it to an isolated ground wire. Retest, and record the voltage. When comparing the two readings, if the first voltage test shows a significant decrease compared to the second test with a different ground, the KIB shade module may need to be re-grounded.

Step 2

To re- ground the module, use the existing 12 gauge white chassis ground wire. The wire is connected to the frame near the generator, and up into the overhead cabinet. The wire may feed a few items behind the overhead panel, but will be the only 12 ga white ground wire in this area. Remove the overhead panel with touchscreen display to access the ground wire. Simply disconnect the existing shade module ground wire on both shade modules, and then connect the shade module to the 12 gauge wire ground with the appropriate size connector(s). It will be necessary to install a piece of 12 gauge wire to jump to both modules.

Note: There are two shade modules. Re-ground both using the 12 gauge chassis ground wire

Step 3

Re-install overhead panel with touchscreen display. Test the operation of the shades using the SilverLeaf touchscreen or wall switch that operates the "All Shade" function of the KIB module.

Newmar began grounding shade modules to the front chassis ground on units in production after 3/1/2016.

Illustrated instructions are attached.

How to Reground a Shade Module

Relevant Coaches

Year/Model/Type

- 2015 Essex Diesel Pusher
- 2016 Essex Diesel Pusher
- 2015 King Aire Diesel Pusher
- 2016 King Aire Diesel Pusher

Floorplans

- All

Production Dates

- Coaches built prior to 3/1/2016

Issue

If the shades partially lower, then begin “jumping” in small increments or suddenly stop, there may be an issue with the operation of the shades while using the switches or SilverLeaf touchscreen, which activate the KIB shade module.



Action

Follow the service procedure below to correct the condition. The following steps may help resolve any issues between the shades and the KIB module.

Service Procedure

Step 1

Locate the SilverLeaf display in the front overhead cabinet. Remove the screws and panel to provide easy access to the ground wire.



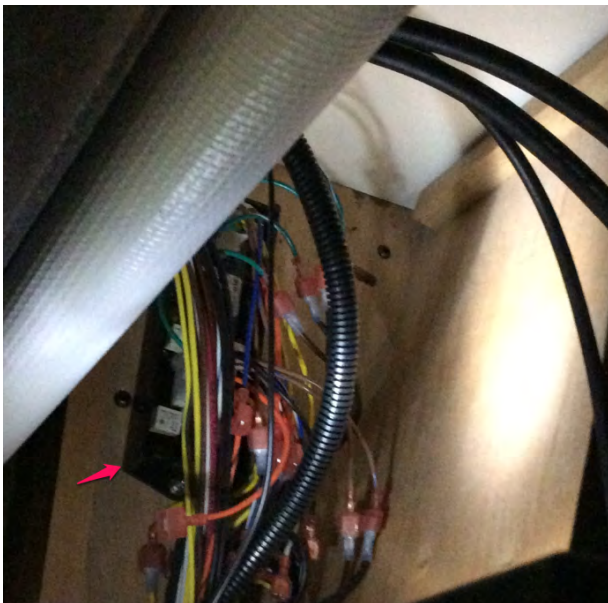
Front Overhead Cabinet



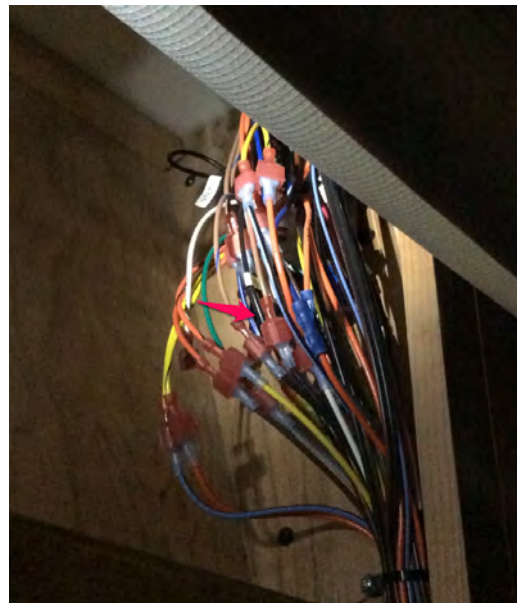
View from Behind the Panel

Step 2

Find the white 12 gauge ground wire. Then, locate the shade modules and the ground wire to each shade module.



Shade Module Located Behind the Television on the Passenger Side



Shade Module Located Behind the Television on the Driver Side



Shade Module Ground Wire

Step 3

Install a new piece of 12 gauge wire, and connect it to the 12 gauge white ground wire located behind the overhead SilverLeaf panel. Unplug the existing ground wire and connect the new wire to each of the shade modules. Run the new wire across the back side of the cabinet using the existing holes (if applicable), and secure the wire if necessary.



NOTICE

The shade modules may be located behind the television, behind a false panel in the side cabinets, or, on older coaches, in a false cabinet next to the front overhead television.



Possible Shade Module Locations

Step 4

After disconnecting the old ground wire from the modules and connecting to a 12 gauge ground wire, test the shade operation via both the single and multiple shade switches. Then, reassemble any panels that were removed for access.