NEWMAR CORPORATION

WARRANTY

DEPARTMENT

TECHNICAL SERVICE BULLETIN												
DATE ISSU	JED	MODEL YEA	MODEL YEAR(S) AFFECTED									
9/14/201	7		2018									
MODEL												
Bay Star Sport		Ventana		Essex								
Bay Star		Dutch Star		King Aire								
Canyon Star		Mountain Aire		New Aire	X							
Ventana LE		London Aire		Other								
DESCRIPTION												

Newmar changed the breaker box wiring and updated the SilverLeaf TM250 Load Management Module to help balance the electrical loads in 2018 New Aire Diesel Pusher coaches. Some coaches may have been shipped without the change being performed.

This is not a safety issue; however, making the updates will enhance the coach's electrical performance when operating high amperage loads.

RECOMMENDED ACTION

Verify the coach is on the population list, and inspect the coach to ensure the update is necessary.

Call your Service Account Manager at Newmar for authorization, and follow the attached work instructions to complete the update.

Flat Rate Code: TSB 492

Labor Time: .2 hr. (inspection only) .8 hr. (inspection, change breaker wiring, and update TM250)

If you have any questions regarding this T.S.B., please contact a Warranty Service Representative at Newmar Corporation.

New Aire Breaker Box and TM250 Update

Provides work instructions for TSB 492.

Relevant Coaches

Model: New Aire Diesel Pusher Year(s): 2018 Floorplan: All

Issue

TSB 492 to balance electrical loads in 2018 New Aire Diesel Pusher coaches.

Action

Follow the service procedure below to correct the condition. The approximate time to complete this repair is twotenths of an hour (.2) for inspection and eight-tenths (.8) of an hour for inspection and completion of the repair procedure.

Necessary Tools

Straight (Flat Blade) Screwdriver

Laptop with Omniscope and Cables

Service Procedure

- 1. Verify which power leg the floor heat is operating on.
- 2. Turn on all of the floor heat zones using the SilverLeaf touchscreen.
- 3. Check the amperage readings for leg one and leg two.

4. Turn off all of the floor heat zones, then note the readings on leg one and leg two. The reading for zone one should have decreased substantially.

• If the amperage in zone one increases and decreases dramatically, proceed with the following steps.

 $\circ~$ If the amperage in zone two increases and decreases dramatically, the update has already been performed. You are finished and not need to proceed with the following steps.

5. Obtain the correct clone file from Silverleaf or Newmar for the coach year and model. Do not assume the files are all the same. For internal Newmar personnel, the file is located on the E:// drive and is called *Silverleaf2018 Clone files*\2018NADP\TM250_NA_Config.scp.

6. Clone the TM250 Module using the How to Clone the TM250 Load Management Module article.

7. Disconnect the coach from shore power and/or turn off the generator to reduce the risk of shock.



BREAKER BOX LABELING BEFORE ACCE

- 12. Reinstall the cover on the breaker box.
- 13. Hook the coach up to shore power or start the generator.
- 14. Verify that the floor heat is using power from leg two.
- 15. Turn on all of the floor heat zones using the SilverLeaf touchscreen.
- 16. Check the amperage readings for leg one and leg two.

17. Turn off all of the floor heat zones, then note the readings on leg one and leg two. The reading for zone two should have decreased substantially.

8. Remove the cover from the breaker box in the rear closet.

9. Remove the wire from the breaker marked floor heat.

10. Hook the wire up to the breaker marked "cooktop," and place the wire from the cooktop location into the breaker marked "floor heat."

Note: Do not flip the breaker positions to move the floor heat.

11. Remove the label marked "floor heat" and the label marked "cooktop" and swap their positions. If they do not stick well, use clear tape to adhere them.

Production #	Year	Brand	Туре	Floor Plan	Chassis Brand	Date In Production	Date Off Production
710201	2018	NA	DP	3343	FL	1/27/2017	2/6/2017
710202	2018	NA	DP	3343	FL	2/9/2017	2/16/2017
710204	2018	NA	DP	3343	FL	2/15/2017	2/23/2017
710206	2018	NA	DP	3341	FL	5/5/2017	5/15/2017
710205	2018	NA	DP	3343	FL	5/19/2017	6/1/2017
710218	2018	NA	DP	3343	FL	6/27/2017	7/13/2017
710250	2018	NA	DP	3341	FL	6/29/2017	7/17/2017
710207	2018	NA	DP	3341	FL	7/11/2017	7/19/2017
710221	2018	NA	DP	3341	FL	7/13/2017	7/21/2017
710213	2018	NA	DP	3343	FL	8/1/2017	8/9/2017
710251	2018	NA	DP	3343	FL	8/3/2017	8/11/2017
710211	2018	NA	DP	3343	FL	8/7/2017	8/15/2017
710210	2018	NA	DP	3343	FL	8/10/2017	8/18/2017
710226	2018	NA	DP	3343	FL	8/11/2017	8/18/2017
	Production # 710201 710202 710204 710206 710205 710250 710250 710251 710213 710251 710211 710210 710226	Production # Year 710201 2018 710202 2018 710204 2018 710205 2018 710205 2018 710205 2018 710205 2018 710205 2018 710207 2018 710208 2018 710207 2018 710210 2018 710211 2018 710211 2018 710211 2018 710211 2018 710211 2018 710212 2018 710213 2018 710214 2018 710215 2018 710216 2018 710217 2018 710218 2018 710219 2018 710210 2018 710211 2018 710221 2018 710221 2018	Production # Year Brand 710201 2018 NA 710202 2018 NA 710204 2018 NA 710205 2018 NA 710206 2018 NA 710207 2018 NA 710208 2018 NA 710207 2018 NA 710210 2018 NA 710211 2018 NA 710211 2018 NA 710211 2018 NA 710210 2018 NA 710211 2018 NA 710212 2018 NA 710213 2018 NA	Production # Year Brand Type 710201 2018 NA DP 710202 2018 NA DP 710204 2018 NA DP 710204 2018 NA DP 710205 2018 NA DP 710206 2018 NA DP 710205 2018 NA DP 710205 2018 NA DP 710207 2018 NA DP 710208 2018 NA DP 710210 2018 NA DP 710211 2018 NA DP 710210 2018 NA DP 710210 2018 NA DP 710210	Production # Year Brand Type Floor Plan 710201 2018 NA DP 3343 710202 2018 NA DP 3343 710204 2018 NA DP 3343 710204 2018 NA DP 3343 710204 2018 NA DP 3343 710205 2018 NA DP 3343 710207 2018 NA DP 3341 710207 2018 NA DP 3341 710207 2018 NA DP 3343 710210 2018 NA DP 3343 710211 2018 NA DP 3343 710210 2018 NA DP 3343 <	Production # Year Brand Type Floor Plan Chassis Brand 710201 2018 NA DP 3343 FL 710202 2018 NA DP 3343 FL 710204 2018 NA DP 3343 FL 710204 2018 NA DP 3343 FL 710205 2018 NA DP 3341 FL 710207 2018 NA DP 3341 FL 710207 2018 NA DP 3343 FL 710210 2018 NA DP 3343 FL 710211 2018 NA DP <t< td=""><td>Production # Year Brand Type Floor Plan Chassis Brand Date In Production 710201 2018 NA DP 3343 FL 1/27/2017 710202 2018 NA DP 3343 FL 2/9/2017 710204 2018 NA DP 3343 FL 2/15/2017 710206 2018 NA DP 3343 FL 5/5/2017 710205 2018 NA DP 3343 FL 5/19/2017 710205 2018 NA DP 3343 FL 6/27/2017 710205 2018 NA DP 3343 FL 6/29/2017 710205 2018 NA DP 3341 FL 7/11/2017 710207 2018 NA DP 3341 FL 7/13/2017 710210 2018 NA DP 3343 FL 8/1/2017 710211 2018 NA DP</td></t<>	Production # Year Brand Type Floor Plan Chassis Brand Date In Production 710201 2018 NA DP 3343 FL 1/27/2017 710202 2018 NA DP 3343 FL 2/9/2017 710204 2018 NA DP 3343 FL 2/15/2017 710206 2018 NA DP 3343 FL 5/5/2017 710205 2018 NA DP 3343 FL 5/19/2017 710205 2018 NA DP 3343 FL 6/27/2017 710205 2018 NA DP 3343 FL 6/29/2017 710205 2018 NA DP 3341 FL 7/11/2017 710207 2018 NA DP 3341 FL 7/13/2017 710210 2018 NA DP 3343 FL 8/1/2017 710211 2018 NA DP