

Newmar Corporation

PO Box 30
Nappanee, IN 46550



WHEN YOU KNOW THE DIFFERENCE.

RSB 622 January 30, 2026
Updated Feb 3, 2026

NHTSA #26V 015

RECALL SERVICE BULLETIN

AFFECTED MODELS

2026 :: Freedom Aire

DESCRIPTION

On certain motorhomes equipped with ThermaHeat Tank Pads, the pads have been found to exhibit high resistance at the neutral terminal, potentially leading to failure.

ISSUE

A ThermaHeat Tank Pad failure could result in a thermal event, potentially increasing the risk of personal injury or property damage.

UNITS AFFECTED

Please refer to the attached population list for affected units and VINs.

DEALER CORRECTIVE ACTION

Follow the attached work instructions to replace the tank heat pads with a different brand and update the ATC/KIB user interface. If you need assistance, contact your Newmar Service Account Manager.

PARTS NEEDED

Item Description	Quantity	Newmar Part #
Pad Holding Tank Heater 12V	2 ea.	315011-AA
Conn Butt Heat Shrink 12-10Yel	6 ea.	51785
Fuse Flat 20 Amp ATC	1 ea.	107166
Tie Cable	6 ea.	029238
V-BUS Bridge-Gen6-Tank-Heat	1 ea.	039641
Tape Sikatite 4"	2 ft.	115955
Wire TEW 12 ga red/black	6 ft.	124032
Wire TEW 12 ga white	3 ft.	156711
Relay Assy 10ga	1 ea.	153459
Connector female 12-10ga (Yellow)	1 ea.	57452
Connector female 16-14 ga (Blue)	2 ea.	57453
Terminal Quickslide piggyback	1 ea.	25878
Conduit flexible 3/8" split BK	3 ft.	107191
Connector spade male 16-14ga (blue)	2 ea.	127689
Fuse label	1 ea.	039645

FLAT RATE CODE: 26V 015

LABOR TIME: 2.5 hr.

NOTE

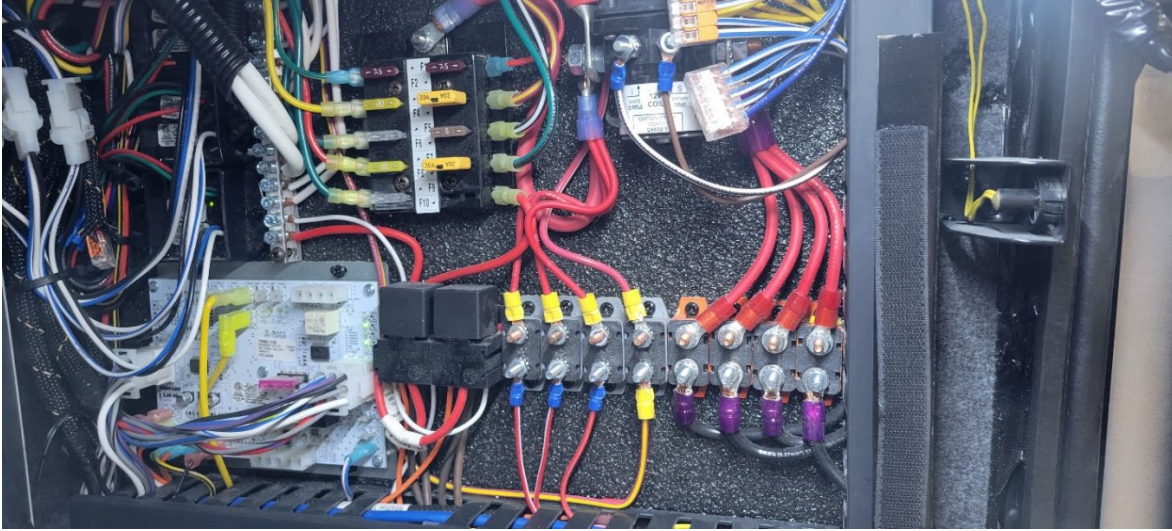
The dealer will be charged for the programmer and refunded once returned.

IMPORTANT: Please read this bulletin in its entirety prior to beginning any diagnosis or repairs.

NOTICE: Any technical information published in this bulletin is intended for use only by a qualified, Newmar-authorized service technician. Newmar is not responsible for the misuse of this information.

Tank Heat Pad Recall Work Instructions 2026 Freedom Aire Coaches (Shipped before 01/13/2026)

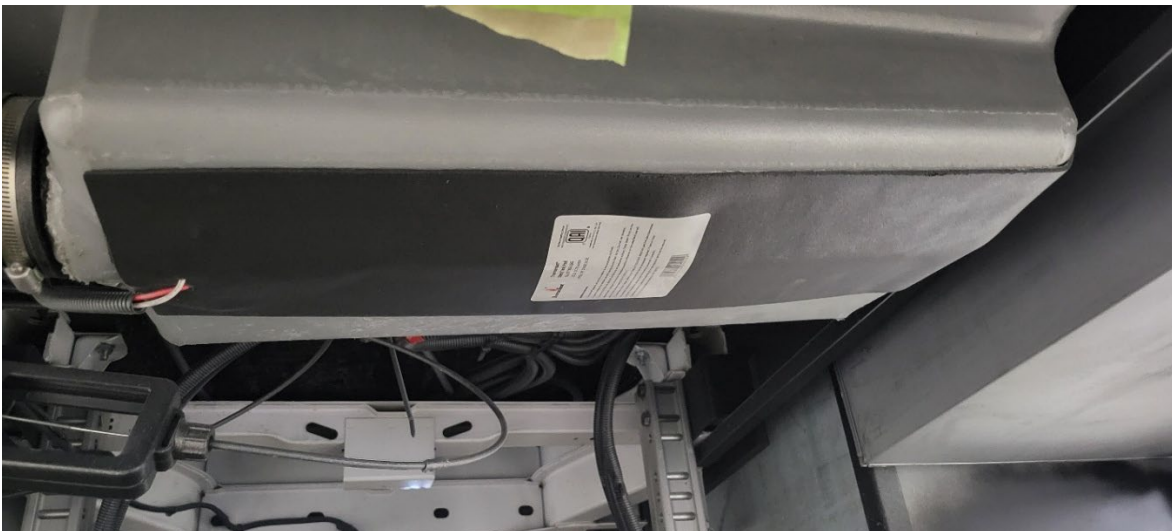
1. Pull the F10 (5-amp) fuse in the passenger rear compartment.



2. Locate the connection point of the current tank heat pads under the rear of the coach between the frame rails. Cut the old tank heater wires at the connectors.

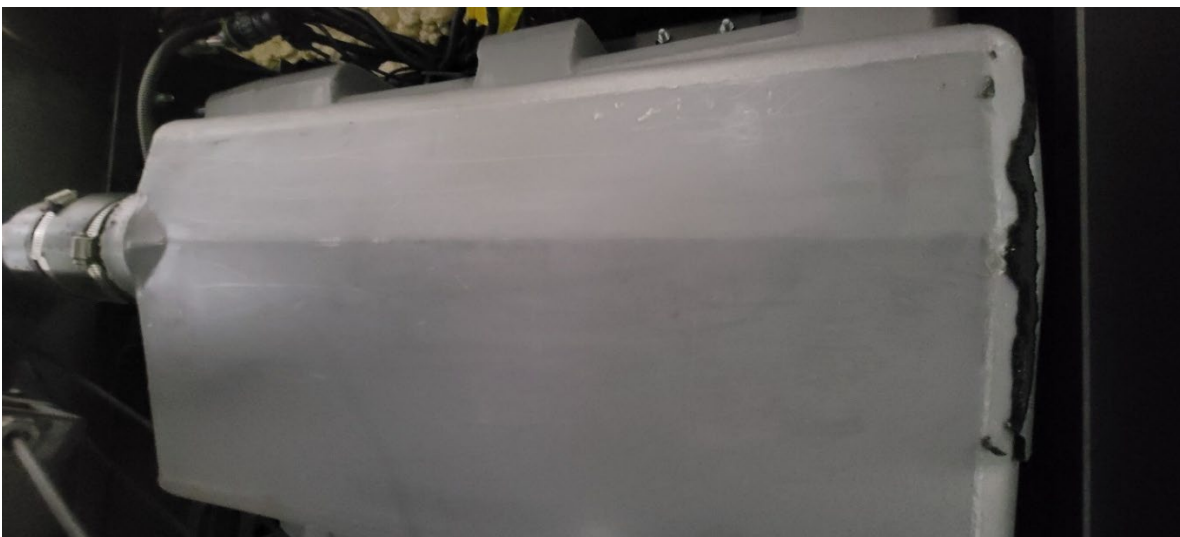


3. Remove the old tank heater.

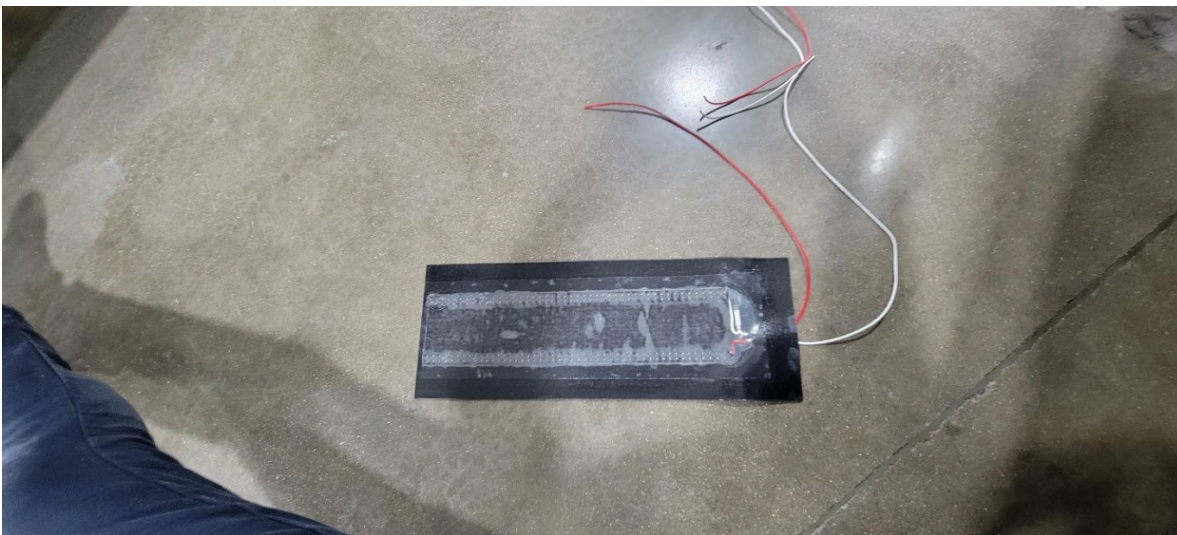




4. Clean any foam residue from the bottom of the tank, as it may interfere with the new heat pad.
5. Clean off the old adhesive as much as possible by pulling and stretching it. It is not necessary to remove the old foam or adhesive if it doesn't interfere with the new pad.
6. Make sure the tank temperature is at least 55°F.
7. Clean the area with a minimum 90 percent isopropyl alcohol and let it dry completely.



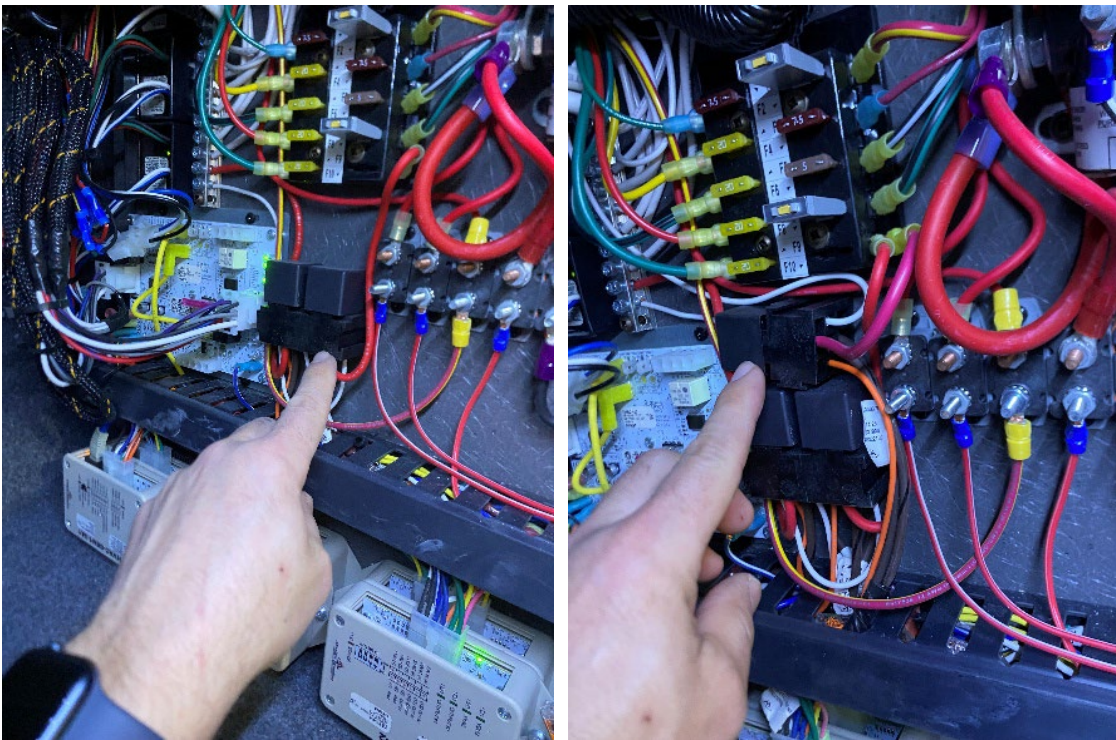
8. Peel off all the brown release paper on the new tank heater pad, and install it.



- Place the tank heater on the bottom tank surface with the adhesive side against the tank and the power leads towards the discharge portal. It is usually best to start at one end of the tank heater and slowly, but firmly, press and roll the tank heater in place until the entire tank heater contacts the tank surface. Be careful not to stretch the tank heater beyond its original size. Do not place the wire connections in the pad (lumps) on the crease line of the tank. Keep it off-center (away from the crease line and the bulge on the bottom of the tank near the hose connection).

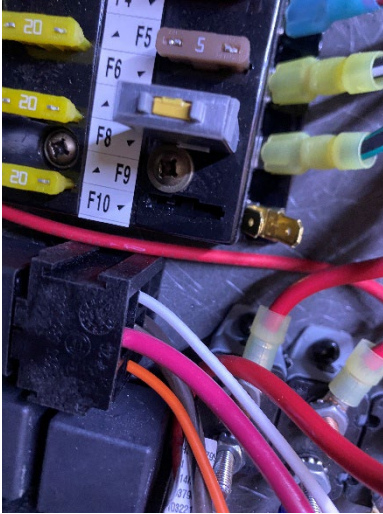


- Repeat the process for the other tank (steps 2-9).
- Add a relay to separate the power feed, allowing the tanks to work independently instead of being powered together. Follow the directions below to add the relay and make connections to the tank.
- Locate the current tank heat pad relay in the last passenger side basement cargo bay. Remove the wire track cover to expose the relay connections. Install the new relay above this relay or nearby, wherever space allows it.



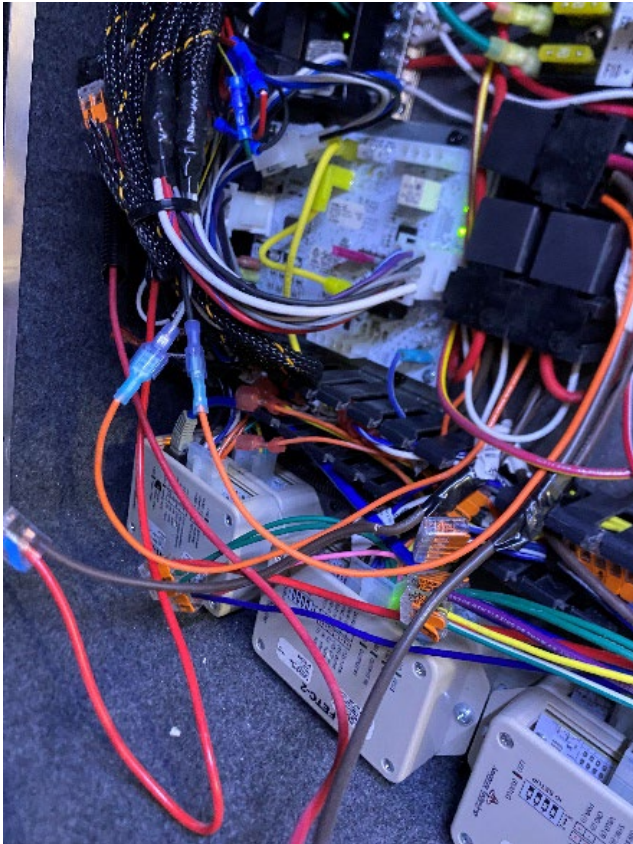
- Strip the end of the white wire from the relay and connect it to the ground bar located next to the fuse block.

14. Strip the end of the red wire from the relay and crimp on a yellow female spade connector. Remove the current red wire connected to the F10 fuse block, install a quickslide piggyback terminal on the F10 terminal, and then plug both red wires from the relays to the piggyback terminal.



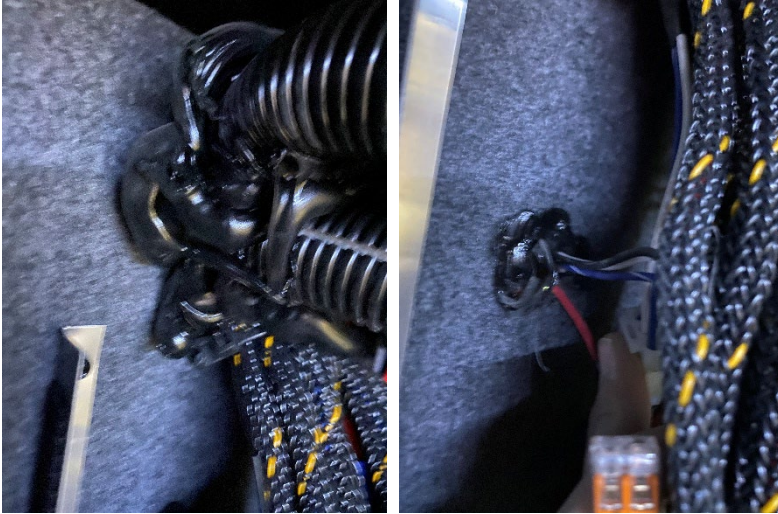
15. Trace the orange wire from the original relay to find the connection to the TMSC100 tank harness. This orange wire will be connected to a gray and black wire. Disconnect and separate the black and gray wires. Install a blue male connector on the gray wire from the harness. Connect to the orange wire that was just disconnected using a blue female spade terminal. Add one if needed.

- a. From the new relay, install a blue female spade connector on the orange relay wire and a male blue spade connector on the black wire from the harness previously separated, and then connect the black and orange wires together.

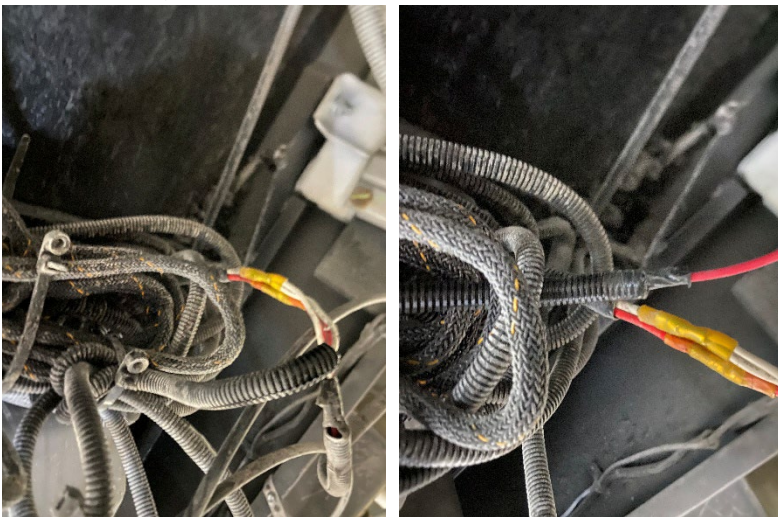


16. Connect the solid brown wire from the relay to the 12 ga. red/black wire from the parts list using a yellow butt connector.

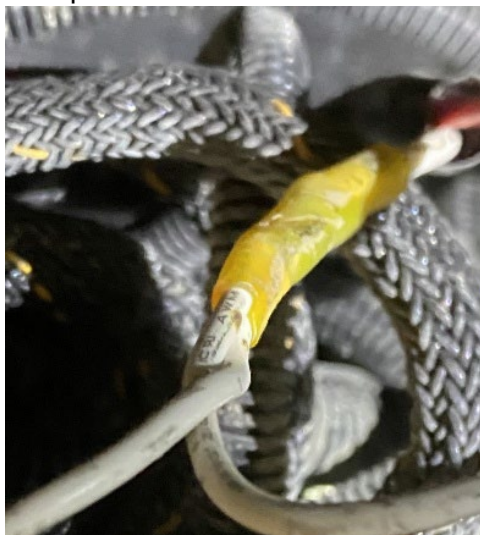
17. Loom the red/black wire and run it out the back wall of the cargo bay by punching through an existing sealed hole or drilling a new hole big enough for the loom. After running the wire through the back wall, seal around the wire and the hole it was put through.



18. At the connection point under the coach between the frame rails of the old tank heat pads disconnected earlier, route the wires from each tank heater pad, as well as the new red/black loomed wire added, to this location for connections to be made.



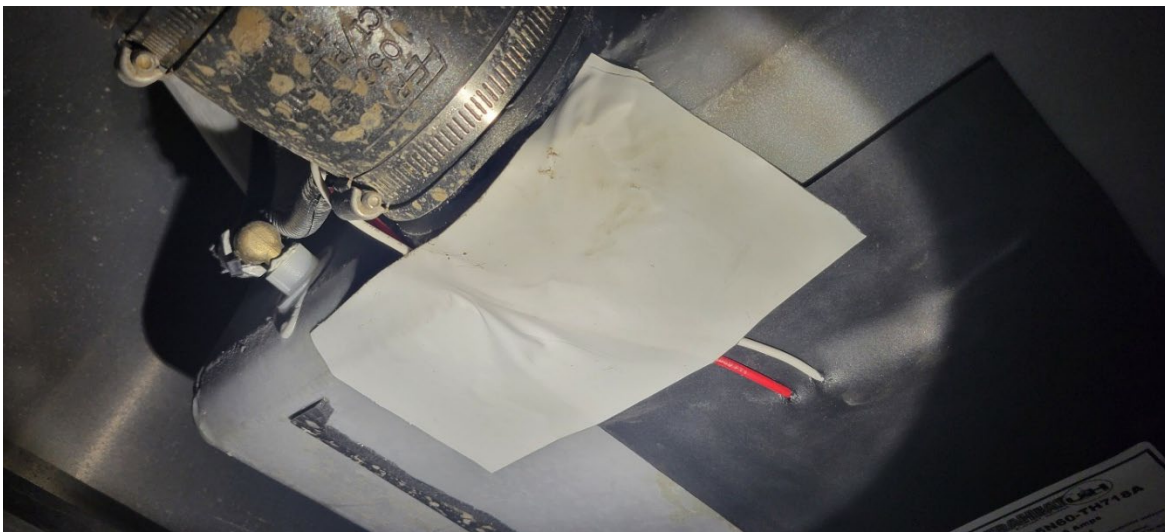
19. Connect the current white wire to both white wires from the new tank pads using yellow heat shrink butt connector(s). If needed, extend the wire to the passenger-side gray tank using white 12 ga. wire provided.



20. Connect the current red wire to the red wire from the passenger side tank (gray) heat pad, using a yellow heat shrink butt connector.
21. Connect the red/black wire to the red wire from the rear (black) tank heat pad using a yellow heat shrink butt connector.
22. Use a torch to heat-shrink all exterior tank wiring connections.
23. Loom and tape all connection points and tie up loose wiring using wire ties.



24. Secure the tank heat wires with a zip tie to the pressure sensor wire, and add a piece of roof tape to the tank to hold the wires tight to the tank. This prevents undesired movement of the wires.



25. Install an F10 (20-amp fuse) in place of the F10 (5-amp) fuse removed in step one in the passenger rear compartment. Reinstall the wire track cover removed earlier.
26. Relabel the F10 fuse ledger from 5-amp to 20-amp for tank heat (use the sticker provided).
27. Update the programming on the ATC/KIB system so the tank heaters will not operate without at least five percent water in the tank(s). Follow the V-Bus Re-Programming Instructions (attached).

V-BUS Re-Programming Terms TMSC-100-TANK-HEAT

Expanding the Possibilities!

Purpose:

Step-by-step instructions for re-programming V-BUS-TMSC-100-TANK-HEAT

Issue being addressed:

- This update will require an individual tank to have 5% liquid in the tank before the tank heat relay will turn ON. Note, tank heat relays are **DISABLED** by default when the battery disconnect is turned ON and are only **ENABLED** when a user enables from a LCD.

IMPORTANT: DISCONNECTED COACH FROM SHORE POWER BEFORE STARTING THIS UPDATE!!

Required for Job

- Time 3-5 minutes
- V-Bus programmer (ATC# V-BUS-TMSC-100-TANK-HEAT)
- Newmar# 039641

Step #1

- Unplug the RV from shore power
- Locate the TMSC-100
- Look in passenger side compartment in front of the rear wheels

Step#2

- 12VDC battery disconnect needs turned "ON" before proceeding
- Wait 60 Seconds!!
- Plug in the updater to the 5-POS connector

Step#3

- !!!Do not unplug or shut off power during this step!!!
- This step should take around 1-2 minutes
- Press the "START SWITCH"
- Programming LED will flash **RED** while programming
- V-Bus Activity LED will flicker **GREEN** during this time
- Programming LED will light solid **GREEN** when finished

Step#4

- Un-Plug the V-BUS programmer
- Log the update in the RV service notes.

Step#5

- Have the V-Bus programmer "UPS Ground" returned with claim to Newmar

Fig.1



Fig.2



PROGRAMMING in PROGRESS

Fig.3



PROGRAMMING in FINISHED

Fig.4



revA02 2-3-2026

For support call ATC Service
574-218-7388 or www.atcomp.com



American Technology
COMPONENTS, INCORPORATED

Prod	VIN Number	Year	Brand	Type	Floor	Chassis	Date In	Date Off
USA UNITS								
320006	W1X9N33Y4SN340480	2026	FA	CC	2515	MB	7/14/2025	8/13/2025
320007	W1X9N33Y2SN340669	2026	FA	CC	2515	MB	7/16/2025	7/31/2025
320015	W1X9N33Y9SN340667	2026	FA	CC	2515	MB	10/13/2025	11/3/2025
320016	W1X9N33Y7SN340585	2026	FA	CC	2515	MB	7/30/2025	8/28/2025
320017	W1X9N33Y8SN340479	2026	FA	CC	2515	MB	8/12/2025	9/25/2025
320019	W1X9N33Y7SN341350	2026	FA	CC	2515	MB	7/30/2025	9/15/2025
320022	W1X9N33Y0SN340959	2026	FA	CC	2515	MB	10/21/2025	11/12/2025
320023	W1X9N33Y9SN341916	2026	FA	CC	2515	MB	8/20/2025	10/7/2025
320028	W1X9N33Y1SN341344	2026	FA	CC	2515	MB	9/22/2025	10/22/2025
320029	W1X9N33Y5SN341234	2026	FA	CC	2515	MB	9/10/2025	10/1/2025
320040	W1X9N33Y7SN340957	2026	FA	CC	2515	MB	9/24/2025	10/14/2025
320050	W1X9N33Y1SN340386	2026	FA	CC	2515	MB	10/6/2025	10/22/2025
320056	W1X9N33Y3SN340583	2026	FA	CC	2515	MB	10/16/2025	11/6/2025
320057	W1X9N33Y6SN340948	2026	FA	CC	2515	MB	10/20/2025	11/10/2025
320059	W1X9N33Y1SN341151	2026	FA	CC	2515	MB	11/17/2025	11/19/2025
320111	W1X9N33Y8SN340370	2026	FA	CC	2515	MB	12/8/2025	12/17/2025