



Thor Motor Coach Recall Repair Instructions

Recall #	21V-396 2021-327		
Description/Title:	21V-396 Flex-190 Solar Panel		
Affected Product Line(s):	Certain Model Year 2022 Rize, Scope, Sequence, and Tellaro motorhomes		
Service Campaign # :	RC000226	Released Date:	07/15/2021
Repair Code:	TMCRC10101V	Document Date:	07/15/2021
Time Allowed:	1.0	Document Revision:	A

Issue:

It has been discovered that on certain model year 2022 Rize, Scope, Sequence, Tellaro motorhomes the Flex-190 Solar Panel has the potential for a direct short at the output. If the short were to occur, there is the potential for overheating which could lead to a fire and/or property damage.

Parts Required:

TMC Recall Kit #: **0502012**

Tools/Supplies Needed:

- Window Removal Tool
- Putty Knife/X-Acto Blade
- Generic, Unscented Laundry Detergent
- Isopropyl Alcohol (or equivalent)
- 3M Tape
- Sikaflex 252

Instructions:

1. Unplug both plug in play male/female connectors at rear of Pop Top on OEM roof. Free wires from roof.
2. Cold cut Sikaflex around outside edge of flex solar panel with putty knife or X-Acto blade.
3. Try to peel panel off roof.
 - a. If it is easy to peel off without roof damage, fully remove panel.



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- b. If you are finding it difficult to remove, use windshield removal tool to remove panel.
4. Remove remaining tape or glue and clean surface with generic, unscented laundry detergent, such as Tide, mixed with warm water and allow to dry. Clean surface with isopropyl alcohol or equivalent and allow to dry. **Be sure to spray alcohol on rag and not directly on the pop top.**
5. Flip new solar panel on its back. Install new 3M tape (3 rows lengthwise and 2 rows widthwise-front and rear of panel).
6. Peel 3pm tape backer and stick solar panel firmly into place, applying even pressure to the entire panel to ensure it is properly adhered to the roof.
7. Seal outside edges of new solar panel with Sikaflex to ensure they are bonded.
8. Remove the thin transparent protective layer on the top surface of the panel if present.
9. Plug in the female/male plug in play power cords. Secure wires to roof every 24" using cable ties or Dicor tape.
10. Check solar power monitor for change.

The following picture shows a window removal tool: two handles with a wire between them. This tool makes removing well-adhered solar panels much easier with minimal damage to the roof.

