

Recall Inspection and Repair Instructions

NHTSA Recall #: 22V-568

Tiffin Motorhomes Recall #: WAY-103

Models Involved: 2022 Midas

Purpose: To provide instructions on how to relocate the back up camera and add a missing rear center marker light.

Tools Needed:

Electric drill/impact driver w/Phillips head bit
High Speed Step Bit ¼" to 1 3/8"
Wire Stripper/cutter 20-10 AWG
Crimping & Cutting Tool 22 – 10 AWG
Flat head screwdriver
Digital Multimeter

Parts Needed:

2 of 015915, 16-14 AWG, Gel Filled, Butt Wire Connector
3 ft of 001360 16 AWG Stranded Yellow Wire
3 ft of 00135616 AWG Stranded White Wire
1 of 5064728, Light Marker Red
1 of 5060967, Sealant, Clear, Exterior Royal 12781 10oz
1 of 2155, Heyco Flexible Shutter Bushing

FLAT RATE CODE & TIME ALLOWED FOR VISUAL INSPECTION, EQUIPMENT RELOCATION, TERMINATION, AND SYSTEM CHECK: MD8808RC01 for up to 1.5 hours.

Note for parts: Part numbers for the system components are listed above. Not all parts may be needed for repair. In addition, some shop supplies will be needed and should be billed back under the flat rate code for the recall.

Note on systems: Below instructions represent proper procedures for repair, and testing. Images depict are shown for diagrammatical propose only and may not be reflective of each unit.

INSPECTION PROCEDURE:

1. Turn chassis engine off and remove key from ignition switch. Place chassis light switch in off position. (Figure1)

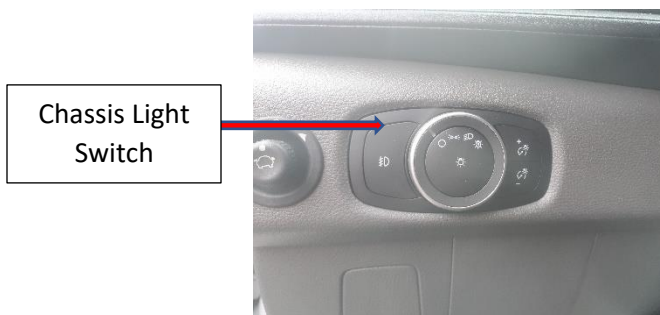


Figure: 1

REPAIR PROCEDURES:

1. Locate the rear backup camera mounted at the top rear of the back cap. The camera position will be between two of the rear marker lights center of coach.
2. Unplug rear camera from camera harness.
3. Remove screws from camera mounting bracket holding camera to back cap.
4. Once camera and bracket are removed there will be a center hole, locate the yellow and white marker light power wires and pull through the hole. There will be a yellow and white lead already for connection in the existing marker light harness.
5. Install a Qty. (1) part 5064728 – Light Marker Red (Figure 2) using gel filled butt wire connectors in the center between the other two existing marker lights.



Figure: 2

6. Seal around marker light, using a clear waterproof RTV silicone sealant.
7. Reinstalling the camera, using a step bit drill a 1.250" hole into rear cap. Position hole 4" from top as shown in (Figure 3), and 41 1/2" from driver side as shown in (Figure 4)



Drill 1.250" Hole
Location

Figure: 3



Figure: 4

8. Install 1.250" bushing into hole and reposition the camera harness through bushing. See (Figure 5)

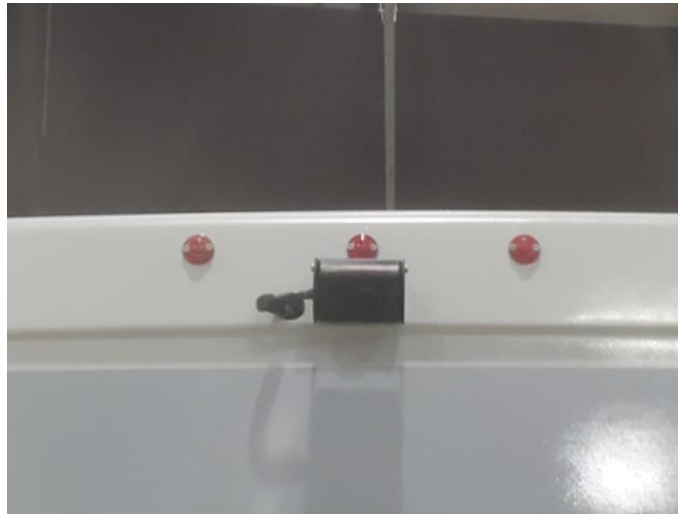


Figure: 5

9. Reinstall camera mounting bracket with / camera at position shown in Figure 5.
10. Plug camera harness back into camera see Figure 5.
11. Apply waterproof RTV Silicone Sealant to any screw heads, and open holes.
12. Final assembly arrangement will reflect setup shown in Figure 5.
13. Complete systems check as described below.
 - A. Checking marker lights: Turn chassis ignition key switch to the on position. Then turn the chassis light switch on for the headlight position. Inspect that all marker lights are operational, and lamps are burning.
 - B. Checking the backup camera: Start the chassis engine, with your foot on the brake place the unit into reverse. The radio display will show a rear camera image, verify the camera image for correct positioning. Adjust rear camera for correct image as needed.