

Mercedes Chassis – Seat Wire Routing Rework:

Parts Required (For kits below only):

PN RC7930-24-785

PN RC7933-24-785

PN RC7934-24-785

1. Clip Wire Tie Mount - Quantity as needed, 5 supplied per coach
2. Wire Tie – Quantity as needed, 5 supplied per coach
3. Fir Tree Wire Tie Mount - Quantity as needed, 5 supplied per coach

Quantity needed will vary depending on damage to OEM harness wire tie mounts.

Tools and Supplies required-

1. Angle Cutter
2. Torque Wrench and ratchet (As needed)
3. E12 Socket with extension (As needed)
4. Torque marker (As needed)

Tools will vary depending on the need to remove the driver and/or passenger seat.

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INSPECTION & REMOVE OR SUBLET

Operation Number	Dealer Number	Parts Kit
24850101	7932	Kit is not required

CLASS C WIRE ROUTING

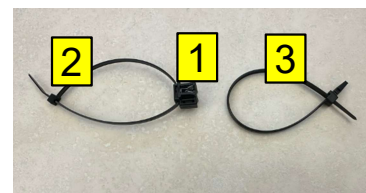
Operation Number	Dealer Number	Parts Kit
24850201	7930	RC7930-24-785

CLASS C WIRE ROUTING WITH SEAT REMOVAL

Operation Number	Dealer Number	Parts Kit
24850301	7933	RC7933-24-785

CLASS B WIRE ROUTING

Operation Number	Dealer Number	Parts Kit
24850401	7934	RC7934-24-785



1



2



3



4



Read the entire instructions carefully before starting the procedure. If you have any questions, please contact Winnebago Industries Technical Service Department by calling 1-866-653-4329 or by email: techservice@wgo.net. This document is confidential and is intended for dealer use only.

Step 1 - Chassis Identification, All Chassis

Image 1

Chassis Build date:

The instructions will differ depending on when the chassis was built. To identify the build date of the chassis, locate the Mercedes 'Incomplete Vehicle' label. The typical location of this label is on the side of the driver seat pedestal. See Image 1 for date location. There are two date ranges which will help identify which instructions to follow:

1. On or before 3/2022
2. On or after 4/2022

Be mindful to review the heading of each page to ensure the correct instructions are being followed.



Image 2

Seat adjustment type:

The instructions will differ depending on if a chassis has manually adjustable or electronically adjustable seats. See Image 2 for a typical Image of the electronic seat controls located on the chassis driver/passenger door panel. If electronic seat controls are not present, confirm that manual controls are present on the seat itself. Be mindful to review the heading of each page to ensure the correct instructions are being followed.



Typical Winnebago cab chassis built coaches will have electronically adjustable seats, and van chassis built coaches will have mechanically adjustable seats.

Step 2 – Check Wire Route, Mechanical Seat

1. Put both the driver and passenger seats in its furthest up and back position, this will allow additional access.
2. Review the wire routing to ensure the OEM wire path from Mercedes is followed. See Image 1 for correct path.
 - a. For mechanical seat chassis, this means the wire should route from the seat base up through the center circular cutout in the seat swivel, then go up and connect to the yellow chassis plug.
 - b. Note: Harness mounting points may differ from Image 1, depending on chassis model year.
3. Look along the OEM wire harness from the yellow plug to the center circular cutout in the seat swivel for any damage that has occurred such as chaffing or cuts.
 - a. If wiring appears damaged, document with photos and contact Winnebago Technical Service.
4. To ensure the proper length of the OEM wire harness can be accessed, attach the Clip Wire Tie Mount furthest from the plug to the center circular cutout in the seat swivel. See Image 2. If Clip mount is visibly damaged, install provided Clip mount from kit next to existing mount. Cut the Wire Tie Tail but leave OEM mount in place.
5. Continue to step 3.

Image 1

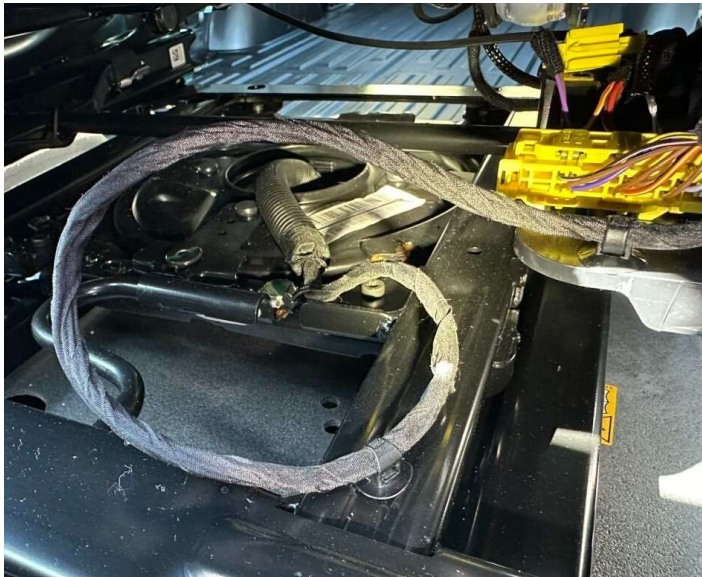
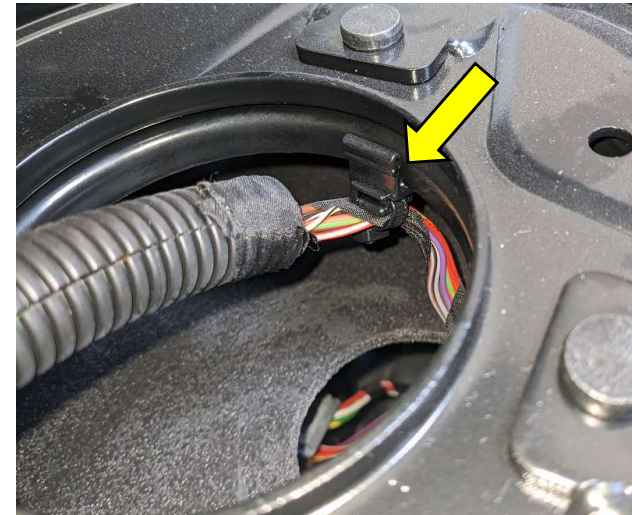


Image 2



Step 2 – Check Wire Route, Electric Seat

1. Put both the driver and passenger seat in its furthest up and back position, this will allow additional access.
2. Review the wire routing to ensure the OEM wire path from Mercedes is followed.
 - a. For electronic seat chassis, this means the wire should route from the seat base up through the center circular cutout in the seat swivel, between the plugs and the carrier, and to the yellow and white plugs mounted to the underside of the seat. See Image 1 for correct routing.
 - b. Note: Harness mounting points may differ from Image 1, depending on chassis model year.
3. Look along the OEM wire harness from the yellow and white plugs to the center circular cutout in the seat swivel for any damage that has occurred such as chaffing or cuts. See Image 2.
 - a. If wiring appears damaged, document with photos and contact Winnebago Technical Service.
4. To ensure the proper length of the OEM wire harness can be accessed, attach the Clip Wire Tie Mount furthest from the plug to the center circular cutout in the seat swivel. See Image 3. If Clip mount is visibly damaged, install provided Clip mount from kit next to existing mount. Cut the Wire Tie Tail but leave OEM mount in place.
5. If the routing or length of exposed OEM harness is incorrect, refer to Steps 2B, otherwise continue to step 3.

Image 1



Image 2

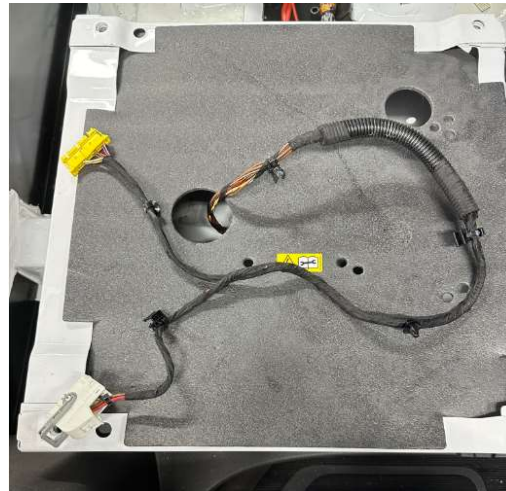


Image 3



Step 2B – Adjust wire Route as Needed, Electric Seat

1. If the wire route must be adjusted, it is important to disconnect the chassis 12V battery beforehand.
 - a. Chassis Battery Quick Disconnect located behind a closeout panel next to the throttle – See Image 1. If the unit doesn't have the quick disconnect, refer to the Sprinter user manual to disconnect the ground cable from the battery.
 - b. Allow for five minutes between disconnection of Chassis Battery Quick Disconnect and disconnecting any connectors from the driver and passenger seat.
 - c. **NOTE:** If the chassis battery ground is not disconnected five minutes or more before disconnecting any connectors from the seats, chassis faults may occur that will require a Mercedes service center to clear. This cost is not covered under this recall.

Image 1



Step 2B – Adjust wire Route as Needed, Electric Seat(Cont.)

1. Disconnect the yellow and white connectors from the driver and passenger seat as needed. See Image 1, red arrows for affected plugs.
2. Remove the 4 mounting bolts from the seat base using a ratchet and E12 Socket, an extension may be required. See Image 2.
3. Tilt the seat away or remove the seat from the coach as needed to safely gain the required access. Displace the foam cover from the pedestal to allow for inspection.
4. Untangle the OEM harness from the Winnebago installed harnesses to ensure an appropriate length of the OEM harness is free to route as needed per Image 1.
 - a. To ensure the proper length of the OEM wire harness can be accessed, attach the Clip Wire Tie Mount furthest from the plug to the center circular cutout in the seat swivel. See Image 3. If Clip mount is visibly damaged, replace with provided Clip mount from kit.
5. Reinstall the foam cover and pull the OEM wire harness through. Set the seat onto the pedestal and align by starting the seat pedestal bolts by hand. Using a torque wrench with an E12 socket and extension, torque the seat pedestal bolts to 37 NM. Re-mark the torqued connections.
6. Reconnect the affected plugs from the OEM harness to the seat following the OEM route. See Image 1.

Image 1

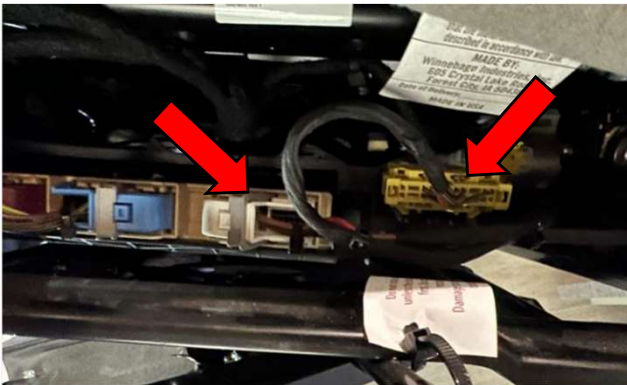
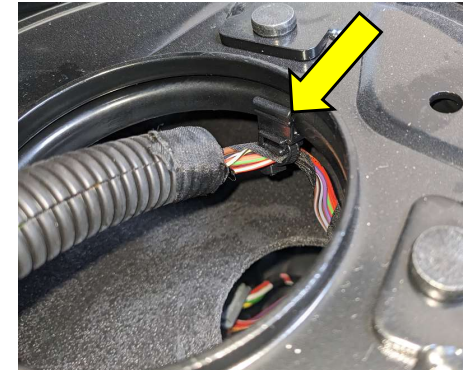


Image 2



Image 3

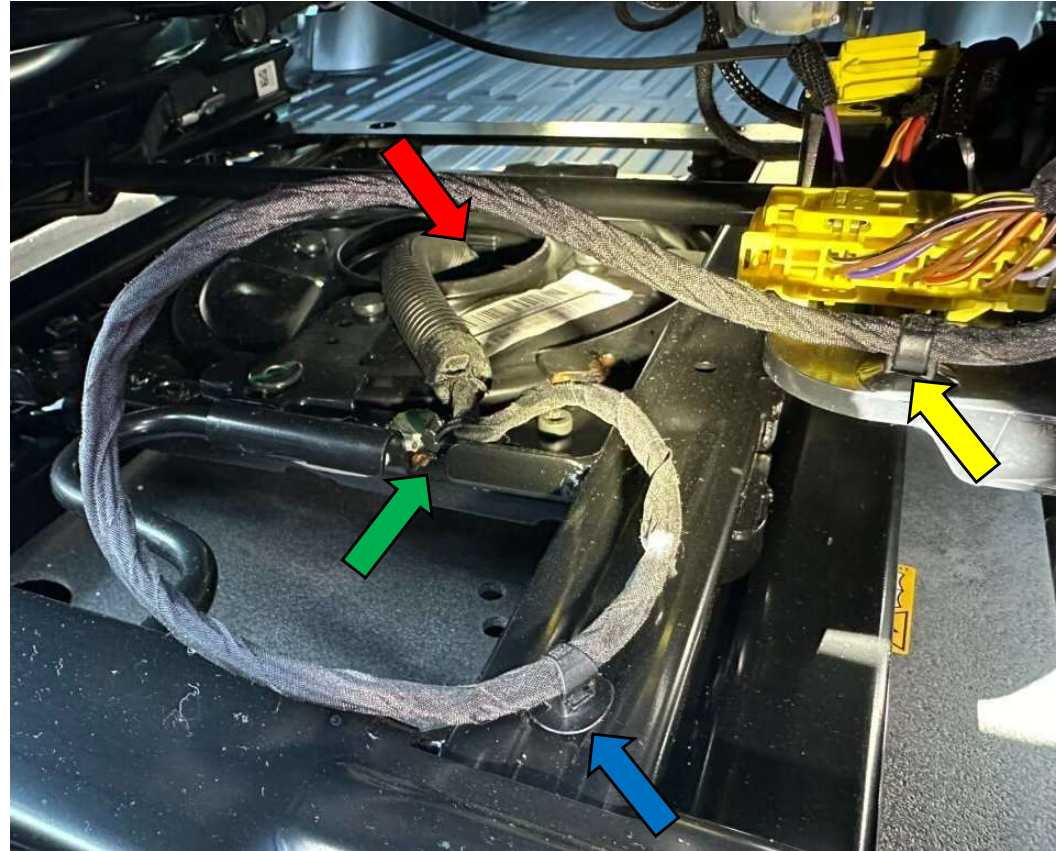


Step 3 – Check Wire Retention

4/2022 and Newer Chassis, Mechanical Seat

1. Locate all OEM retention points on the harness.
 - a. For newer Chassis with manually adjustable seats there are 4 connection points:
 - @ Yellow Plug (Yellow Arrow)
 - @ Seat Rail (Blue Arrow)
 - @ Seat Base (Green Arrow)
 - @ Circular cutout (Red Arrow)
2. Ensure all wire tie mounts are installed in their proper location.
 - a. See list above for location
3. Inspect the wire tie mounts for any damage. If damaged, install replacement right next to existing mount on OEM harness. Cut tail from Wire Tie after installation, leave the OEM mount in place.
 - a. Clip Mount- firmly tug on clip to see if it will disengage from the metal flange.
 - b. Fir Tree Mount - firmly tug on mount to see if it will disengage from the mounting hole.

Image 1



Step 3 – Rework Wire Retention

3/2022 and Older Chassis, Mechanical Seat

1. Add retention points to the harness. For older Chassis with manually adjustable seats, there are 2 additional connection points:
 - a. Fir Tree Clip to hole in the swivel seat frame. See Image 1.
 - b. Wire Tie to the swivel seat frame. See Image 2.
- c. Note:** Additional Fir Tree and Wire Tie should be mounted to the outboard rail of the seat. Left side for the driver and right side for the passenger as referenced by the seat occupant. Images below are for the passenger seat, mirror for the driver seat. Trim Wire Tie Tails, leave any OEM mounts on the harness.

Image 1

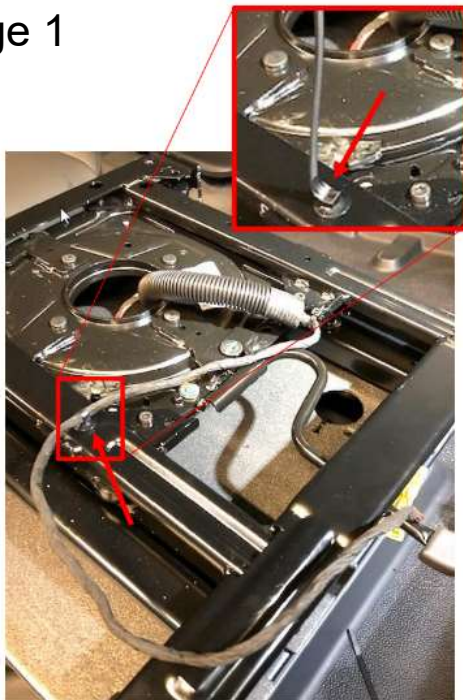
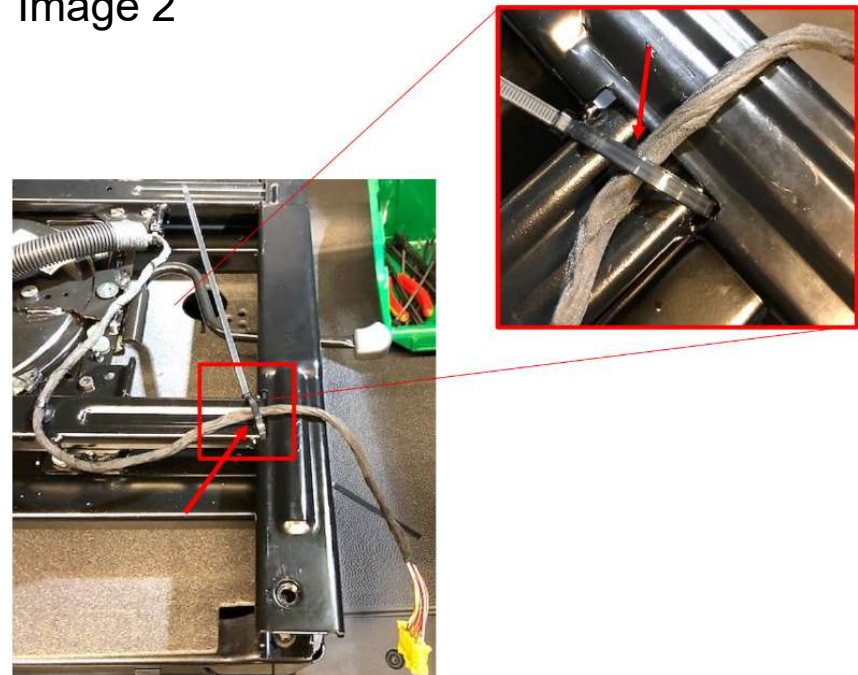


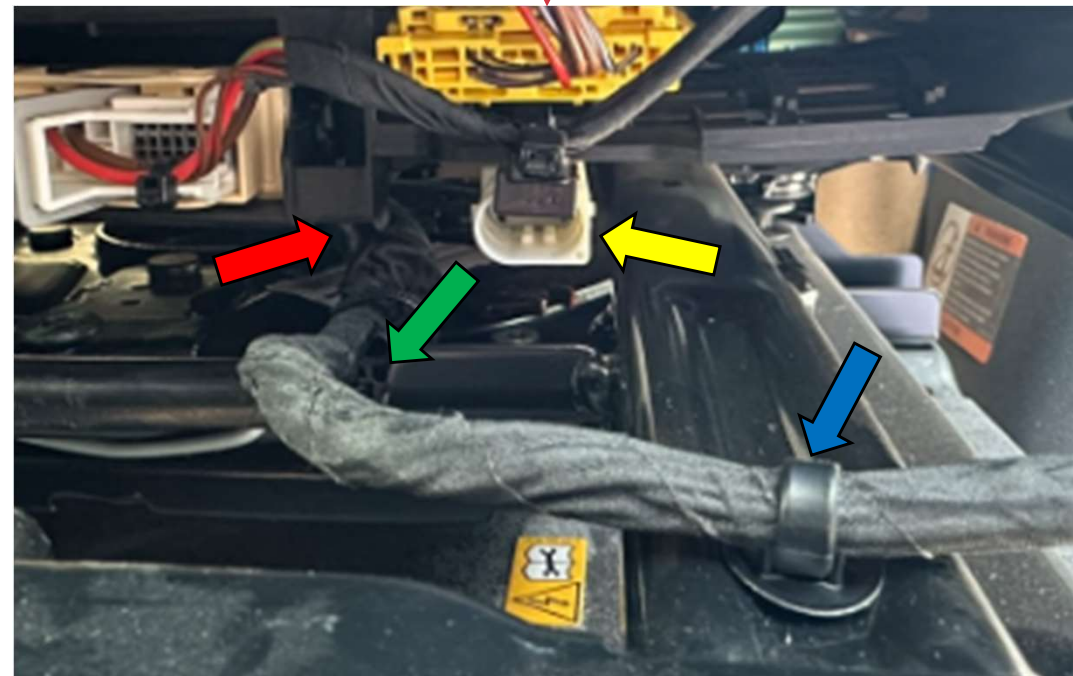
Image 2



Step 3 – Check Wire Retention

4/2022 and Newer Chassis, Electric Seat

1. Locate all OEM retention points on the harness.
 - a. For newer Chassis with electronically adjustable seats there are 4 connection points:
 - @ White Plug (Yellow Arrow)
 - @ Seat Rail (Blue Arrow)
 - @ Seat Base (Green Arrow)
 - @ Circular cutout (Red Arrow)
 - Note: Fir Tree near yellow plug is not used and will not be reinstalled.
2. Ensure all wire tie mounts are installed in their proper location.
 - a. See list above for location
3. Inspect the wire tie mounts for any damage. If damaged, install replacement right next to existing mount on OEM harness. Cut tail from Wire Tie after installation, leave the OEM mount in place.
 - a. Clip Mount- firmly tug on clip to see if it will disengage from the metal flange.
 - b. Fir Tree Mount - firmly tug on mount to see if it will disengage from the mounting hole.



Step 3 – Rework Wire Retention 3/2022 and Older Chassis, Electric Seat

1. Add retention points to the harness. For older Chassis with electronically adjustable seats, there are 2 additional connection points:
 - a. Clip Wire Tie Mount to rear flange of swivel base lead rail. See Image 1.
 - b. Wire Tie to secure the two plug wires together. See Image 2.
 - c. **Note:** Additional Clip Wire Tie Mount and Wire Tie should be mounted to the outboard rail of the seat. Left side for the driver and right side for the passenger as referenced by the seat occupant. Images below are for the passenger seat, mirror for the driver. Trim Wire Tie Tails, leave any OEM mounts on the harness.

Image 1

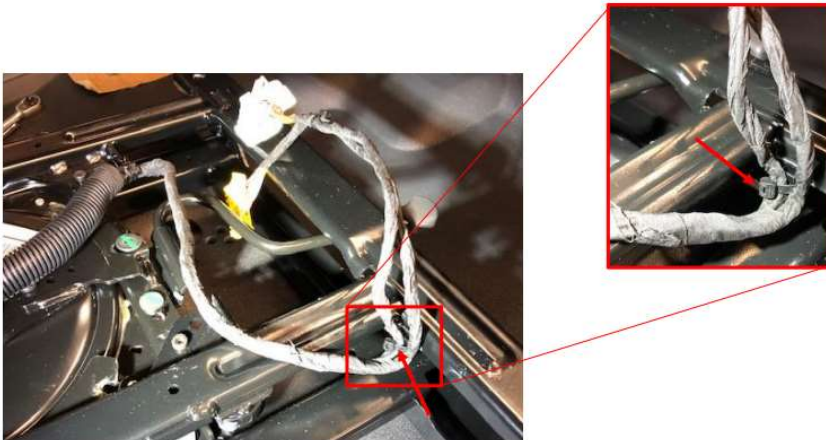


Image 2



Step 4 – System Testing, All Chassis

1. If disconnected, Reconnect the 12v chassis battery ground by reconnecting the quick disconnect or by following the Sprinter user manual .
2. Once chassis power is restored, run the seat down and all the way back and forward. As the seat is moving, look for the OEM wire harness getting caught or damaged.
 - a. Ensure the mounting locations hold their correct position.
3. Swivel the seat as far as it can go in both directions. See Image 1 for swivel lever identification.
 - a. As the seat is moving, look for the OEM wire harness getting caught or damaged.
 - b. Ensure the mounting locations hold their correct position.
 - c. **Note:** When swiveling seat, be sure the seat is forward, the door is open, and the parking brake lever is down. This will avoid damage to these areas as the seat is rotating.
4. Firmly tug on all Wire Tie Mounts to ensure an appropriate retention to the seat (If not already completed in Step 3).
5. If no concerns arise from the testing above and the SRS/airbag warning is not showing on the dash, the rework is complete. See Image 2 for example warnings.
 - a. If a warning is present, contact Winnebago Technical Service to coordinate additional repairs.

Image 1



Image 2

