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Case Number: S2323000004

Release Date: January 2023

Symptom/Vehicle Issue: Defogger Is Not Working. Terminal Detached From The Glass.

Customer Complaint/Technician Observation: Rear backlight is not defrosting. The rear window glass left or right side defrost solder terminal is detached from the defrost grid.

Discussion: The connector for the rear defogger is a 1 time use design. If it comes loose or is taken off for any reason, it must be replaced.

Repair Procedure:

Materials:

Soldering iron

Rosin core solder filler wire

68499001AA Pigtail replacement wire/ connector

Wire stripping / snipping tool

Heat shrink tube 50 mm x 3/16" diameter

Heat gun

1. Strip both wires approximately 25 mm from ends. Do not twist strands after stripping.
2. Slip shrink tube on to wires.
3. Align and evenly interweave the strands of both wires.

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Contact STAR Center, or your Technical Assistance Center Via TechConnect, eCONTACT or Service Library entry if no solution is found.



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4. Carefully twist the intertwined portion of the two wires.
5. Position the soldering iron onto the center of the splicing area.
Feed solder directly into the stranded wire adjacent to the contact point of the soldering iron.
6. Apply heat generously to evenly distribute the solder along the length of the splicing area. Allow to cool before moving wire and slipping shrink tube over wire.
7. Slide shrink tube evenly centered over splice and apply heat to shrink in place.
8. Push the connector into the Electronic Backlight (EBL) glass.

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