

 Preview Solution CBR-2506-2

Battery Electric Vehicle (BEV) - Cooling Package Crash Structure Crossbar Interference with Static Coolant Fill Hose

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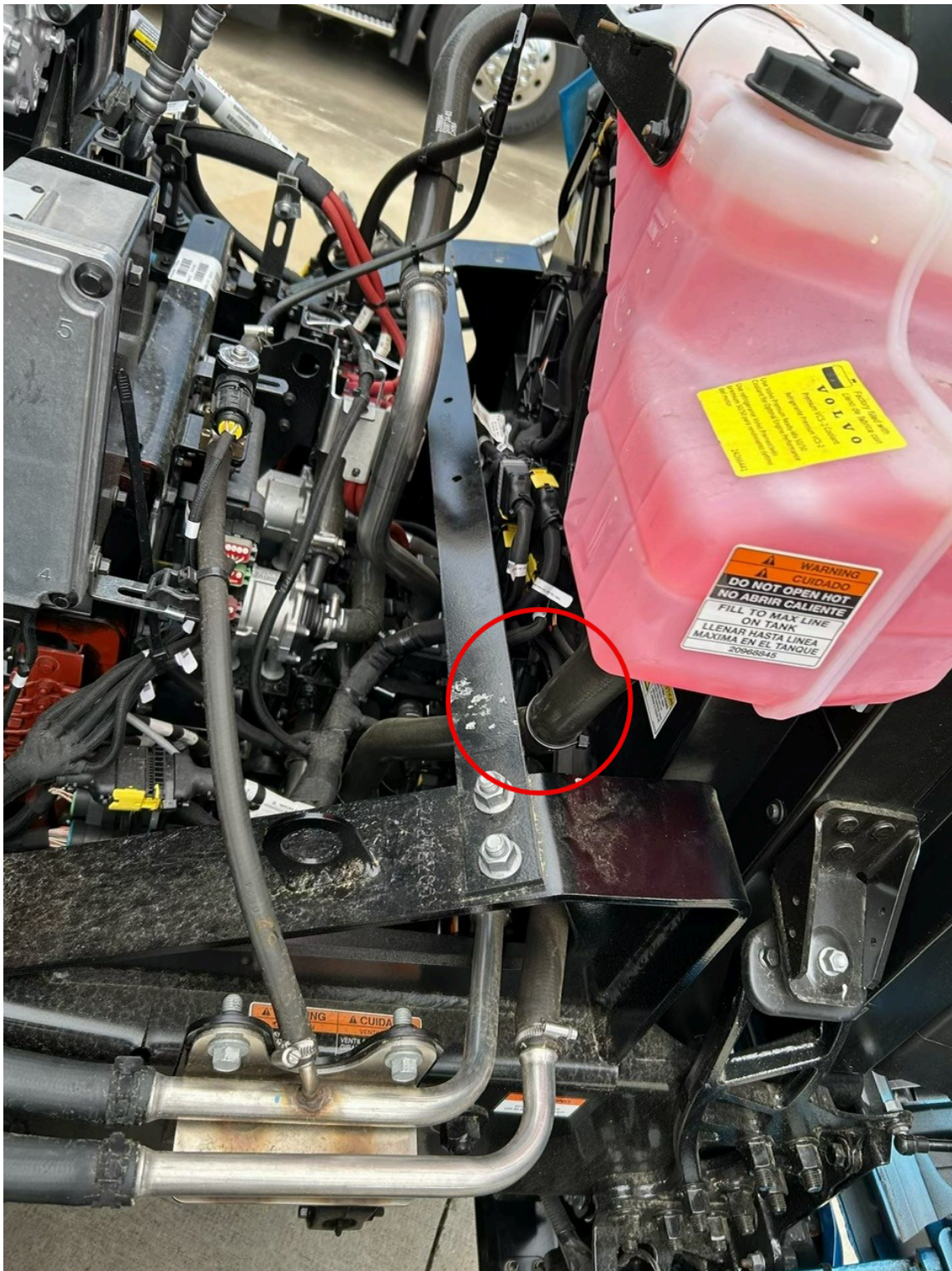
Valid For

Mack Chassis - LR Electric

Volvo Chassis - VNR Electric

Model Years - 2022 - 20 May 2024

It has been identified that the crossbar on the cooling package crash structure is in direct contact with the static coolant fill hose. This interference creates a risk of hose chafing, which may result in coolant leakage over time.



Correction

To eliminate the interference and mitigate the risk of future coolant leakage, the crossbar can be safely removed. This modification has been reviewed and confirmed as an acceptable corrective action.

Service Procedure

1. Prepare the vehicle

- Park on a flat surface and apply parking brake.

2. Access the cooling package

- Remove any panels or covers as required to gain access to the crash structure crossbar and static coolant fill hose.

3. Remove the crossbar

- Unbolt and remove the crossbar from the cooling package crash structure.



- Inspect surrounding components to ensure no damage occurred during removal.

4. Inspect the coolant fill hose

- Check for signs of chafing or wear on the coolant fill hose.
- If wear is present, replace the hose before returning the vehicle to service.

5. Reassemble

- Reinstall any panels or covers removed during disassembly.

6. Verify repair

- Confirm that the static coolant fill hose is free from interference.
- Start engine to activate driveline voltage.

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