

SS 1033995, SPN 523005 FMI 7 and 524042 FMI 19 Fault Codes

Applicable Vehicles

All Freightliner New Cascadia trucks.

Symptoms

RDF SPN 523005 FMI 7 and VRDU SPN 524042 FMI 19 Fault Codes

Issue

RDF mounting misaligned after front bumper repair, replacement, or front end collision.

Solution

Inspect the RDF for damaged, bent, broken, or loose mounting hardware.

Replace bent or broken hardware.

Check for radar vertical installation to be 90 degrees +/- 1.5 degrees and horizontal (left to right) 0 degrees +/- 1.5 degrees.

Open DiagnosticLink, go to "Action" tab, select "Detroit Assurance" and perform Radar alignment procedure.