

Fault Code 3363/1 DEF Temperature Error on GATS2.4 Systems

TSB-54-383-FTL

Creation Date: 2026-07-08

Engine or Vehicle Affected:

- ▶ Business Class M2-Plus
- ▶ Business Class M2
- ▶ Business Class
- ▶ Argosy
- ▶ 108SD Plus/114SD Plus
- ▶ 108SD/114SD
- ▶ 112SD and Coronado
- ▶ New Cascadia
- ▶ eM2
- ▶ eCascadia
- ▶ Columbia
- ▶ Century Class Conventional
- ▶ Cascadia
- ▶ 5th Generation Cascadia
- ▶ EconicSD

This is an informational bulletin only. The described condition is a product improvement and is not warrantable.

Described Condition

Vehicles equipped with DD13 or DD15 engines and GATS2.4 aftertreatment, using CAN-based DEF tank headers 04-35649-000/001/002 or 04-35959-000/001/002, may experience ATS fault 3363/1 Diesel Exhaust Fluid Tank Temperature – Low. This condition is considered a nuisance fault and is under investigation for a permanent correction. When fault 3363/1 is the only active fault, no vehicle performance concerns are typically observed, and returned components associated with this condition have primarily been identified as No Trouble Found. If additional ACM faults such as 520383/10 or 4374/0 are also present, this may indicate a valid system issue requiring further diagnosis. When only fault 3363/1 is present, do not replace the DEF tank header or coolant control valve; instead, clear the fault and release the vehicle. A permanent resolution is planned through the annual DDC software update, targeted for implementation in November 2026.

Procedure

1. ☐ Park the vehicle on a level surface, shut down the engine, and set the parking brake. Chock the tires.

2. ☐ Connect a laptop to the vehicle, then connect DiagnosticLink®

3. ☐ Under ATS System Faults find the fault 3363/1 Diesel Exhaust Fluid Tank Temperature – Low.

4. ☐ Clear the faults by selecting 'Clear Fault.' See Fig. 1.

[illegible]

Warranty.

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Note:

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