



Technical Service Bulletin

Technical Service Bulletin: TSB170119	Released Date: 28-Nov-2017
Charging System Alternator Bracket Malfunction: IC Bus CE Series	

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Warranty Statement

The information in this document has no effect on present warranty coverage or repair practices, nor does it authorize TRP or Campaign actions.

Information Only - OEM Related Matter Not Covered By Cummins® - Contact Appropriate OEM Dealer or OEM Representative For Additional Information

Contents

Product Affected

Engine:

- B6.7 CM2350 B121B
- ISB6.7 CM2350 B101

Original Equipment Manufacturer:

- IC Bus

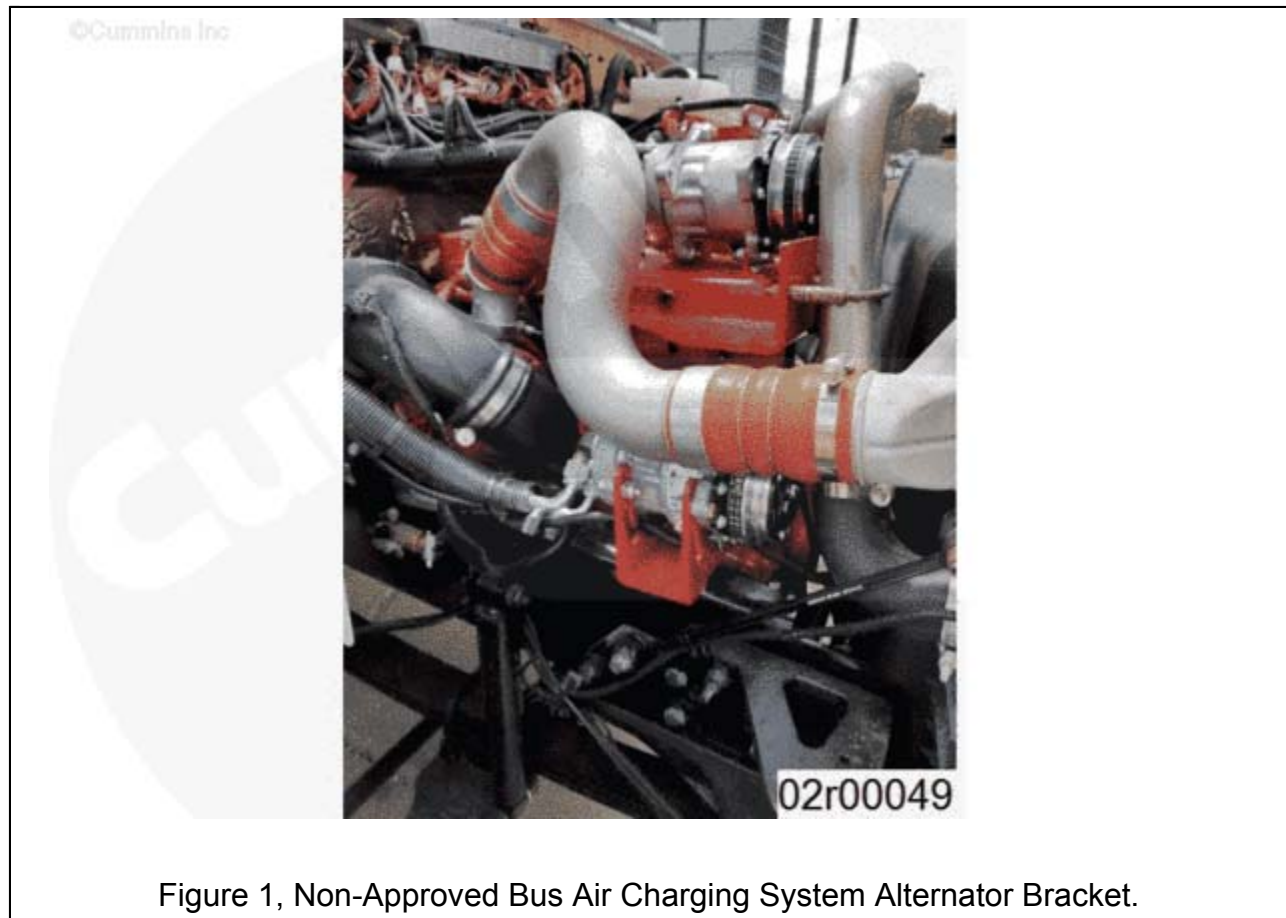
Issue

Symptom:

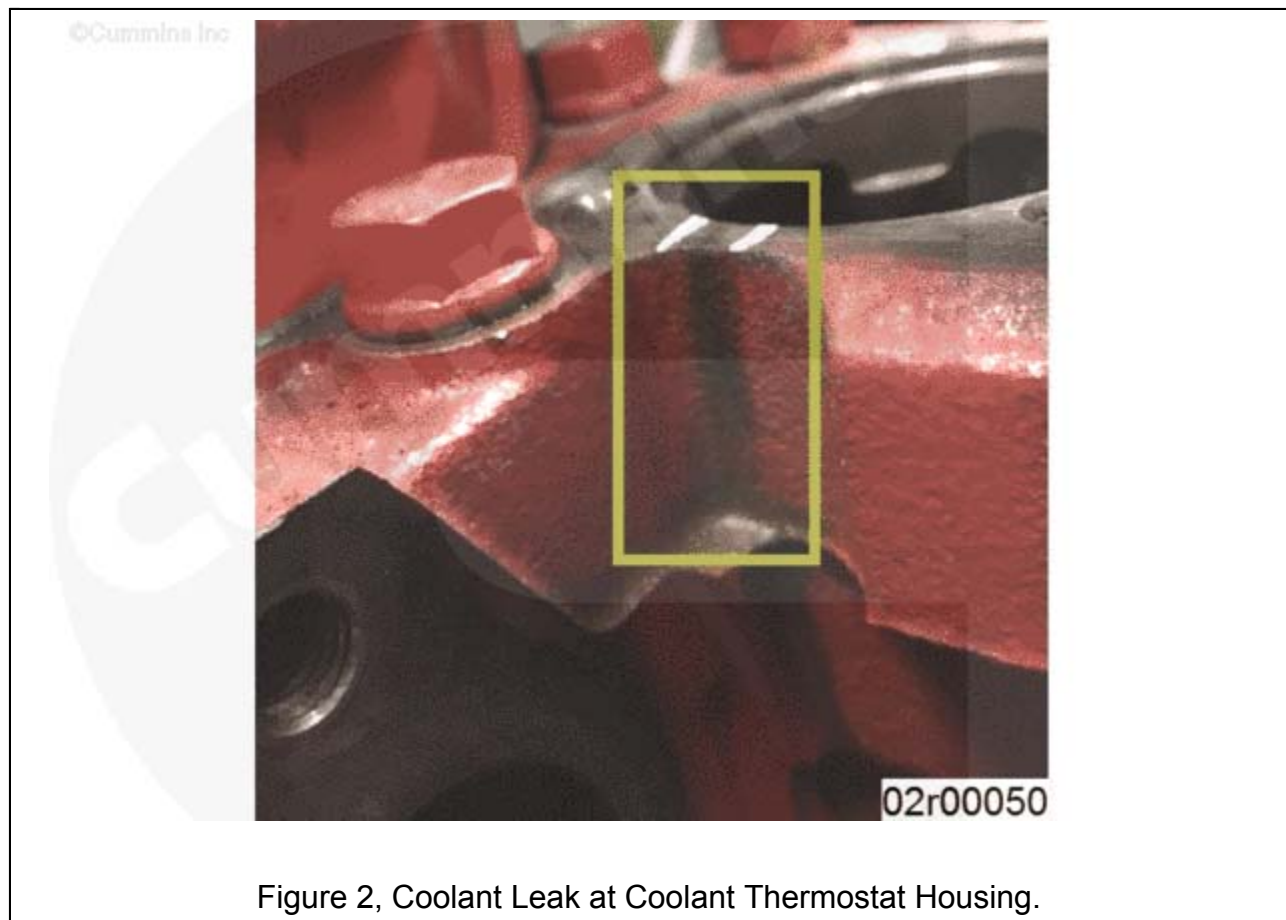
- Charging system alternator / Freon™ brackets are malfunctioning and can cause cracking to initiate near cylinder head coolant thermostat housing.

Root Cause:

- Use of non-approved Dual Freon™ compressor system installed by Bus Air.
- IC Bus utilizes a Navistar approved bracket painted black.
- Bus Air utilizes a non-approved bracket painted red. See Figure 1 below.

**Verification**

- Broken or cracked Bus Air charging system alternator bracket. See Figure 6 below.
- Coolant leak at coolant thermostat housing. See Figure 2 below.
- Cylinder head cracking. See Figure 3 below.
- Bus Air contact information is located on passenger side of firewall. See Figure 4 below.
- Bus Air bracket on engine and off engine, without dual Freon™ compressor, is shown in Figures 5 and 7 below.



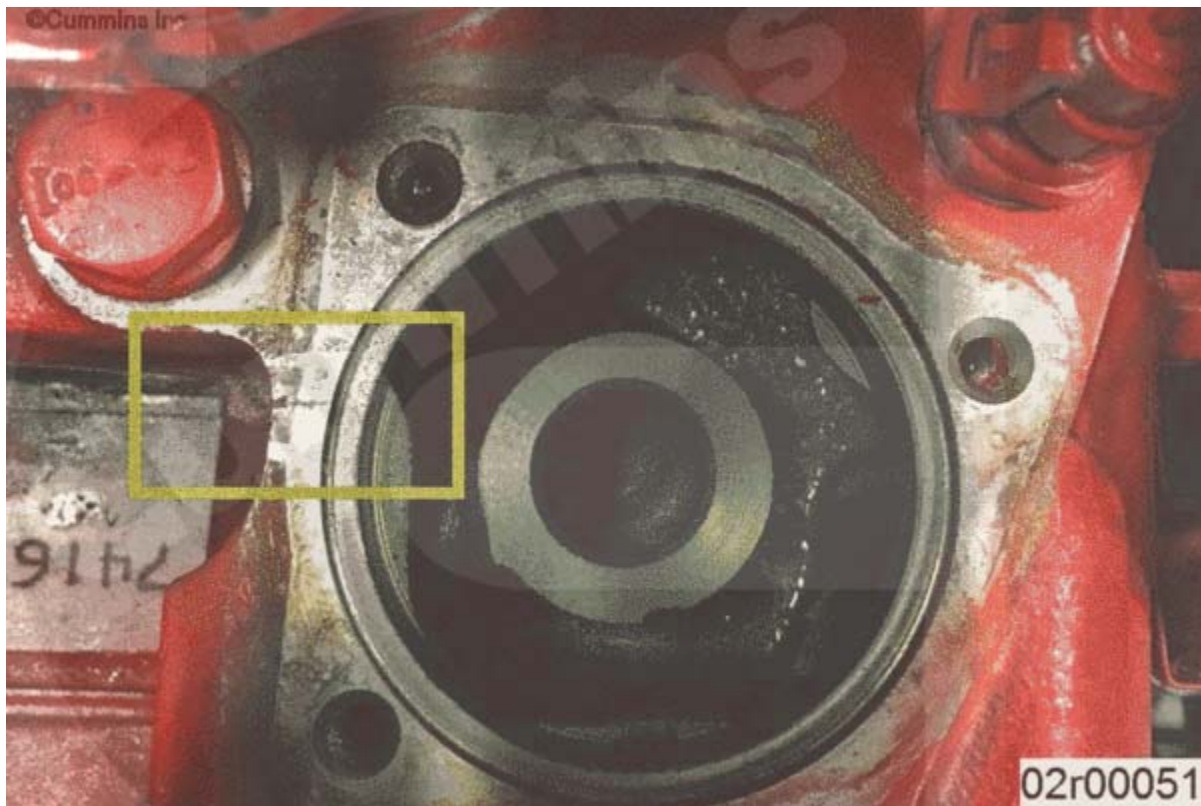


Figure 3, Cylinder Head Cracking at Coolant Thermostat Housing.





Figure 5, Bus Air Charging System Alternator Bracket On Engine.



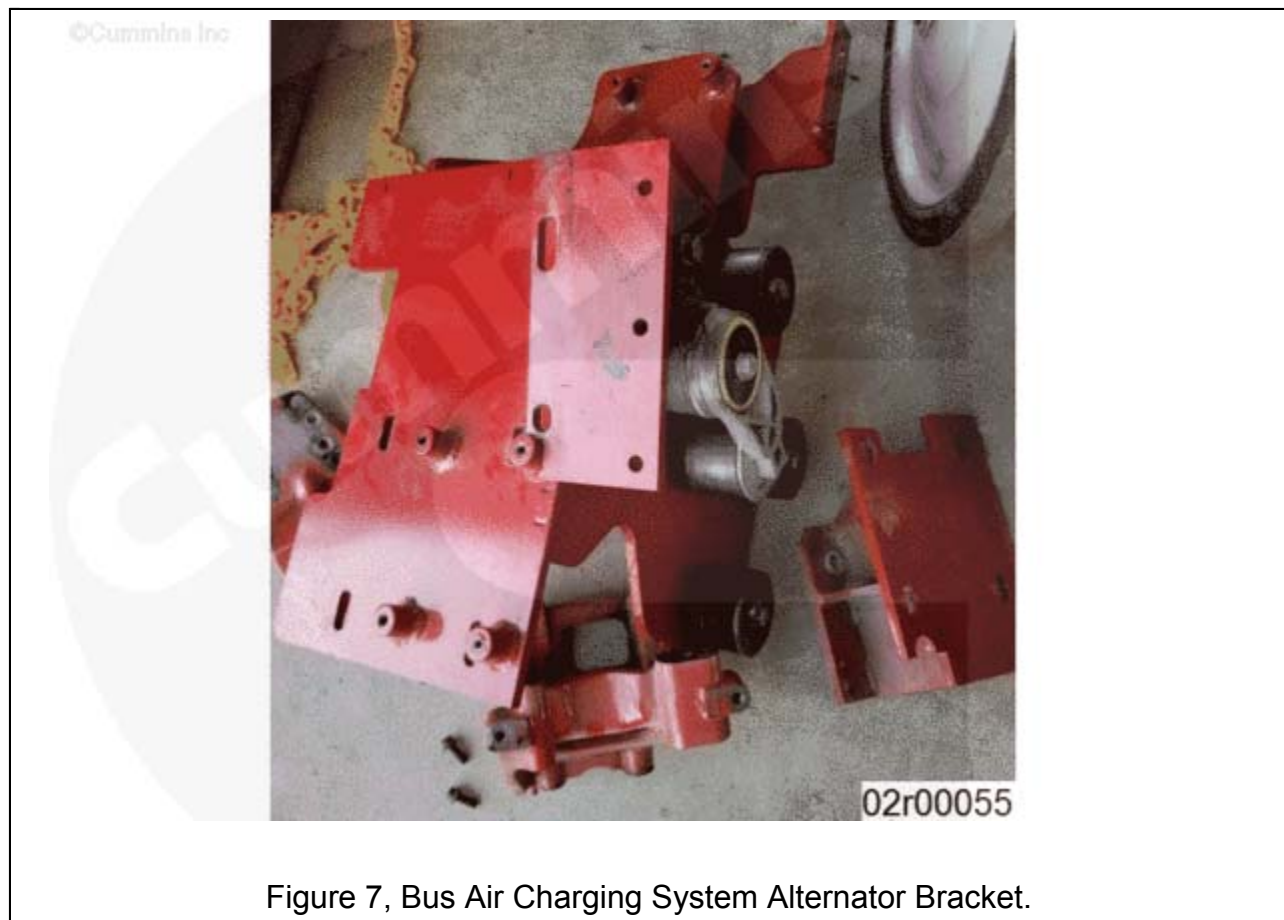


Figure 7, Bus Air Charging System Alternator Bracket.

Resolution

- Any malfunctions, as outlined in this document, associated with the installation of a non-approved charging system alternator bracket are **not** covered under Cummins® warranty.
- Repair locations are to contact their nearest Bus Air representative for repair guidance.

Document History

Date	Details
2017-11-20	Module Created

Last Modified: 28-Nov-2017
