

Technical Service Bulletin Number
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TSB170046



Technical Service Bulletin

Subject

Fan Drive Belt Chirp: International® Trucks and School Buses

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.

Contents

Product Affected

Engine:

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

Make:

- International
- IC Bus

Model:

- Durastar
- CE Series School Bus

Issue

Symptom:

- Fan drive belt noise or chirp
- Premature wear of fan drive belt tensioner

Root Cause:

- Select fan drive belt configurations have a fan drive belt installed that is excessively long.

Verification

Verify belt tensioner has wear-out or uneven bearing wear.

- See ISB6.7 CM2350 B101 Service Manual, Bulletin 2883567. [Refer to Procedure 008-087](#) in Section 8.
- See B6.7 CM2350 B121B Service Manual, Bulletin 5411223. [Refer to Procedure 008-087](#) in Section 8.

Verify fan drive configuration has following components installed.

- Cummins supplied fan drive (option FA9510) or Navistar supplied Warner Electric Fan Drive (feature code 0012TJA).
 - See Figure 1 for example of belt drive configuration with Cummins supplied fan drive installed.
 - See Figure 2 for example of belt drive configuration with Navistar supplied fan drive installed.
- Navistar® supplied Bosch® LH200 Alternator (feature code 0008GGR).

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Figure 1, Fan Drive Belt Configuration with Cummins Supplied Fan Drive Installed.

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Figure 2, Fan Drive Belt Configuration with Navistar Supplied Fan Drive Installed.

Resolution

- Replace fan drive belt tensioner if malfunction has occurred.
 - See ISB6.7 CM2350 B101 Service Manual, Bulletin 2883567. [Refer to Procedure 008-087](#) in Section 8.
 - See B6.7 CM2350 B121B Service Manual, Bulletin 5411223. [Refer to Procedure 008-087](#) in Section 8.
- Install a new fan drive belt: Navistar part number 4068536C1 or Cummins part number 3289864.

Service Instructions

When installing fan drive belt, slip belt over water pump pulley last.

- See ISB6.7 CM2350 B101 Service Manual, Bulletin 2883567. [Refer to Procedure 008-002](#) in Section 8.
- See B6.7 CM2350 B121B Service Manual, Number 5411223. [Refer to Procedure 008-002](#) in Section 8.

Document History

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2017-4-7	Module Created

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