Technical Service Bulletin

Technical Service Bulletin: TSB230111	**Released Date**: 24-May-2023
New Idler Pulley with Dust Seals	

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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.

Contents

Product Affected

- QSX15 CM2350 X105
- QSX15 CM2350 X118
- X15 CM2350 X130C
- X15 CM2350 X131

Issue Summary

Secondary tensioner malfunctions because of dust and dirt in the bearings.

Symptom:

- Belt Fraying/Belt Wear
- Belt Noise/Whining
- Engine Noise
- Coolant Temperature High

Root Cause:

- High levels of dirt and dust in environment causing contamination of bearing grease

Verification

- Inspect secondary tensioner for rough or seized pulley rotation.
- Verify pulley, Part Number 3104027, is installed.

Resolution

- Install new secondary tensioner, Part Number 5582391, with improved bearing dust seals.

Service Instructions

- Remove the Cooling Fan Drive Belt. See corresponding Service Manual. Reference Procedure 008-002 in Section 8.
- Remove the Belt Tensioner. See corresponding Service Manual. Reference Procedure 008-080 in Section 8.
- Install the Belt Tensioner. See corresponding Service Manual. Reference Procedure 008-080 in Section 8.
- Install the Cooling Fan Drive Belt. See corresponding Service Manual. Reference Procedure 008-002 in Section 8.

Service Parts

Service parts are offered. See Table 1 for part numbers.

Table 1, Service Parts

Part Description	Existing Part Number	Obsolete	Superseded	New Part Number
Tensioner, Belt	3104027	No	No	5582391

Document History

Date	Details
2023-5-23	Module Created

Last Modified: 24-May-2023