

Technical Service Bulletin Number	Revision Level	Date	Group Number
TSB140038			



Technical Service Bulletin

Subject

Inlet and Outlet NOx Sensor Wire Lead Damage Caused by Use of Incorrect Wire Ties

Issue

The wire ties used to secure the inlet and outlet NOx sensor wire leads are high-temperature capable. These wire ties are designed to withstand use in high temperature environments without degrading and failing. The use of standard (“off-the-shelf”) wire ties can result in lead damage.

Verification

When securing an inlet or outlet NOx sensor wire lead, inspect the wire ties to make sure that it has the correct part number for a high-temperature capable wire tie. Reference Table 1 below or the Parts Catalog for the correct part numbers of the high-temperature capable wire tie(s) to be used.

Resolution

Replace the inlet and/or outlet NOx sensor. Route the sensor wire lead in such a manner to avoid contact with sources of heat and areas of wear. Select the appropriate wire tie(s) from Table 1 below or the Parts Catalog. Secure the sensor wire lead with the selected high-temperature capable wire tie(s).

Table 1:

Wire Ties for Securing Inlet and Outlet NOx Sensors		

Engine Family	Part Number	Description
ISB6.7, ISX11.9, ISX12 and ISX15 CM2250	3687036	Clamp, Wire Tie
ISX12 CM2350 X102 and ISX15 CM2350 CM2350 X101	3687036	Clamp, Wire Tie
ISC8.3, ISL9 CM2250	5286859	Clamp, Wire Tie
ISB6.7 CM2350 and ISL9 CM2350 L101	5286859	Clamp, Wire Tie

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.

Document History

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2014-4-6	Module Created

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