

Technical Service Bulletin Number
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TSB170042



Technical Service Bulletin

Subject

Improper Removal of Ignition Coil Extension Dielectric Heat Shrink

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

- ISX12 G CM2180 EJ

Issue

Ignition coil extension dielectric heat shrink is improperly being removed prior to installation of ignition coil. Removing ignition coil extension dielectric heat shrink will reduce life of ignition coil extension.

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Figure 1, Example of Dielectric Heat Shrink Installed on Ignition Coil Extension.

Verification

Electrical arcing through ignition coil extension in area where silicone extension tube is connected to spark plug boot adapter can cause visible damage and burn marks to ignition coil extension tube. See Figure 2 and Figure 3 below.



Figure 2, Example of Signs of Arching on Ignition Coil.



Figure 3, Magnified Example of Signs of Arching on Ignition Coil.

Resolution

Never remove clear dielectric heat shrink wrap from ignition coil extension.

Production Status

Table 1, Production Information		
ESN First	Build Date*	Engine Plant
75043591	26 June 2015	Jamestown Engine Plant
*Engine build date can be found on the engine dataplate.		

Publications Affected

Table 2, Publications Affected					
Manual Type	Engine	Bulletin Number	Procedure Title	Procedure	Section
Service Manual	ISX12 G CM2180 EJ	4310682	Ignition Coil (Non Shielded)	Refer to Procedure 013-012	13

Document History

Date	Details
2017-3-30	Module Created

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