

<b>Technical Service Bulletin Number</b>
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TSB140170
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## Technical Service Bulletin

### Subject

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ISX12 G CM2180 EJ Air Intake Manifold Cover with New Intake Manifold Pressure/Temperature Sensor Location

### Warranty Statement

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

### Contents

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This document introduces the release of a revised air intake manifold cover and provides service direction.

#### Product Affected

ISX12 G CM2180 EJ

#### Description of Change

The revised air intake manifold cover changes the location and orientation of the intake manifold pressure/temperature on the air intake manifold cover. The new location moves the intake manifold pressure/temperature sensor to a vertical orientation.

#### Service Directions

If the revised air intake manifold cover with a vertical intake manifold pressure/temperature sensor is installed on an engine originally built with an air intake manifold cover with a horizontal intake manifold pressure/temperature sensor, a new calibration **must** be installed.

In addition, jumper wiring harness, Part Number 5342078, **must** be installed to allow the engine wiring harness to reach the new intake manifold pressure/temperature sensor location.

See Table 1 for correct electronic control module (ECM) calibration based on the previous ECM calibration code.

Table 1, ECM Calibration Codes	
ECM Calibration Codes For Sensor In Horizontal Orientation	ECM Calibration Codes For Sensor In Vertical Orientation
DH10001	DH10010
DH10002	DH10011
DH10003	DH10012
DH10004	DH10013
DH10005	DH10015
DH10006	DH10016
DH10007	DH10017
DH10008	DH10018
DH10009	DH10014

### Service Part Available

Service parts are available. See Table 2 for part numbers.

Table 2, Service Parts		
Part Description	Obsolete Part Number	New Part Number
Jumper Wiring Harness	Not Available	5342078
Air Intake Manifold Cover	2899794	4374294

### Part Structure

The existing air intake manifold cover part number has been obsoleted and superseded by the new air intake manifold cover part number.

### Part Disposition

Use existing part number inventory before using the new part number.

### Production Status

The Engine Serial Number (ESN) First for the new air intake manifold cover is 75036079 from Jamestown Engine Plant.

## Document History

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Date	Details
2014-12-11	Module Created

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**Last Modified: 15-Jan-2015**

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