



Technical Service Bulletin

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Revised Minimum Reuse Spark Plug Gap: Inactive Misfire Fault Codes	

Revised Minimum Reuse Spark Plug Gap: Inactive Misfire Fault Codes

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
- ISX12N CM2380 X120B

Description of Change

The minimum reuse spark plug gap has been revised in Service Manual Procedure 013-016 in Section 13.

Reason for Change

Symptom:

- Rough running
- Fault Code(s): 5895, 5896, 5897, 5898, 5899, 5911, 5911, 5911, 6413, 6425, 6426, 6427, 6428, 6429, 6431

Root Cause:

- Previous reuse spark plug gap resulted in no trouble found part replacements.

Verification

- Verify unit is running rough or experiencing any of the associated fault codes listed in the Symptom section above.
- See corresponding Service Manual for spark plug gap specification. Reference Procedure 013-016 in Section 13.

Resolution

- Reuse spark plug gap minimum limit has been reduced.
- Verify the reuse spark plug gap is between the published limit specified. See corresponding Service Manual. Reference Procedure 013-016 in Section 13.
- Compare the engine control module (ECM) code and revision number in the ECM to the calibration revision listed in the ECM calibration revision history for applicable changes. If a calibration update for this fault code is available, the ECM calibration revision must be that revision or higher.

Publications Affected

Manual Type	Engine	Bulletin Number	Procedure Title	Procedure
Service Manual	ISX12G CM2180 EJ	4310682	Spark Plugs (Non-Shielded)	Refer to Procedure 013-016 (/qs3/pubsys2/xml/en/procedures/181/181-013-016.html)
Service Manual	ISX12N CM2380 X120B	5411406	Spark Plugs (Non-Shielded)	Refer to Procedure 013-016 (/qs3/pubsys2/xml/en/procedures/525/525-013-016.html)

Document History

Date	Details
2022-1-13	Module Created

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