



Technical Service Bulletin

Technical Service Bulletin: TSB150133	Released Date: 28-Nov-2018
New Exhaust Manifold, Exhaust Manifold Gaskets, and Upper Engine Gasket Kits	

New Exhaust Manifold, Exhaust Manifold Gaskets, and Upper Engine Gasket Kits

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/ISX11.9 CM2250
- ISX12 CM2350 X102
- ISX12 G CM2180 EJ
- QSX11.9 CM2250 ECF

Description of Change

This document announces the release of new exhaust manifold gaskets and exhaust manifolds for the ISX12 G CM2180 EJ and new upper engine gasket kit part numbers for all engines in the product affected section above.

The ISX12 G CM2180 EJ new upper gasket kit includes the new ISX12 G CM2180 EJ exhaust manifold gasket part numbers. The contents of all other new upper gasket kits are unchanged.

Reason for Change

To reduce instances of leaking exhaust manifold gaskets and cracked exhaust manifolds.

Service Instructions

If exhaust manifold center section does **not** meet reuse guidelines, inspect exhaust manifold end sections for reuse. Exhaust manifold end sections are to be replaced **only** if they do **not** meet reuse guidelines.

Service Parts Availability

Table 1, Exhaust Manifold Gasket					
Fuel Type	Product	Obsolete Single Port	Obsolete Dual Port	New Single Port	New Dual Port
Natural Gas - Compressed (CNG) and Liquefied (LNG)	ISX12 G CM2180 EJ	2888041	2888042	4386982	4386983
Diesel	ISX12/ISX11.9 CM2250, ISX12 CM2350 X102, QSX11.9 CM2250 ECF	4386631	4386632	4386982	4386983
Table 2, Upper Engine Gasket Kits					
Fuel Type	Product	Obsolete Part Number		New Part Number	
Natural Gas - Compressed (CNG) and Liquefied (LNG)	ISX12 G CM2180 EJ	2881967		4376466	
Diesel	ISX12/ISX11.9 CM2250, ISX12 CM2350 X102, QSX11.9 CM2250 ECF	2881967		4376467	

Table 3, New ISX12 G CM2180 EJ Exhaust Manifold Center Section					
Fuel Type	Product	Mount	Option Number	Obsolete Exhaust Manifold Center Section	New Exhaust Manifold Center Section
Natural Gas - Compressed (CNG) and Liquefied (LNG)	ISX12 G CM2180 EJ	Mid-Mount	TB2389	2888030	4389455
Natural Gas - Compressed (CNG) and Liquefied (LNG)	ISX12 G CM2180 EJ	Low-Mount	TB2390	2892003	4399719
Diesel	ISX12/ISX1 1.9 CM2250, ISX12 CM2350 X102, QSX11.9 CM2250 ECF	Mid-Mount	TB2363	2888030	5413974
Diesel	ISX12/ISX1 1.9 CM2250, ISX12 CM2350 X102, QSX11.9 CM2250 ECF	Low-Mount	TB2364	2892003	5440765

Part Compatibility

The new part numbers are backward compatible and transparent to assembly.

Part Structure

The existing part numbers have been obsoleted and superseded by the new part numbers.

Part Inventory Action

For ISX12/ISX11.9 CM2250, ISX12 CM2350 X102, and QSX11.9 CM2250 ECF engines, use existing part number inventory before using the new part number.

For ISX12 G CM2180 EJ engines, use **only** new part numbers.

Document History

Date	Details
2015-7-31	Module Created
2015-9-24	Non-Product Problem Solving (PPS)
2015-9-25	Non-Product Problem Solving (PPS)
2016-7-1	Updated title, Product Affected, and added Table 3.
2016-12-5	Updated Table 3 with part number 2892003 and 4399719. Added option TB2364 to Table 3.
2018-11-16	Updated Table 1 with part numbers 4386982 and 4386983.

Last Modified: 28-Nov-2018
