



Technical Service Bulletin

Technical Service Bulletin: TSB190058	Released Date: 08-Aug-2019
Lubricating Oil Leaks from Cylinder Head Gasket	

Lubricating Oil Leaks from Cylinder Head Gasket

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

Engine:

- ISL (All Versions)
- ISL G CM2180
- ISL8.9 (All Versions)
- ISL9 (All Versions)
- L Gas Plus CM556
- L9N CM2380 L124B

Issue

Symptom:

- Lubricating oil leak between cylinder head and cylinder block on the air intake side of the engine.

Root Cause:

- Excessive compression set of silicone lubricating oil grommets leading to an external lubricating oil leak.

Resolution

A new cylinder head gasket with a more robust lubricating oil sealing grommet material

has been released.

Service Instructions

In the event of cylinder head gasket malfunction, replace existing cylinder head gasket. See Table 1 below.

Service Parts Availability

Service parts are available. See Table 1 below for part numbers.

Table 1, Service Parts				
Part Description	Existing Part Number	Obsolete	Superseded	New Part Number
Cylinder Head Gasket	4981330	Yes	Yes	5529514
Cylinder Head Gasket	3969609	Yes	Yes	5529517
Upper Engine Gasket Kit	5406118	Yes	Yes	5473319
Upper Engine Gasket Kit	5472965	Yes	Yes	5473320
Upper Engine Gasket Kit	2882048	Yes	Yes	5473321
Upper Engine Gasket Kit	4309409	Yes	Yes	5473322
Upper Engine Gasket Kit	4955643	Yes	Yes	5473339
Upper Engine Gasket Kit	4089888	Yes	Yes	5579031
Upper Engine Gasket Kit	4352349	Yes	Yes	5579032

Part Inventory Action

Obsolete part numbers in stock are **not** to be used. Obsolete part numbers in stock are to be returned for reimbursement.

Production Status

Implemented for production. See Table 2 below.

Table 2, Production Information			
Engines Affected	ESN First	Build Date¹	Plant
ISL (All Versions) ISL8.9 (All Versions) ISL9 (All Versions)	74427515	10 December 2018	Rocky Mount Engine Plant
ISL G CM2180 L Gas Plus CM556 L9N CM2380 L124B	74480367	8 March 2019	Rocky Mount Engine Plant
¹ Engine build date can be found on engine dataplate.			

Document History

Date	Details
2019-4-12	Module Created
2019-7-31	Added natural gas engines and corresponding part numbers.

Last Modified: 08-Aug-2019
