

<b>Technical Service Bulletin Number</b>
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TSB160024
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## Technical Service Bulletin

### Subject

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New Remote Mounted Lubricating Oil Filter Head Assembly to Prevent Low Lubricating Oil Pressure

### 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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#### Product Affected

- ISX11.9 (All Versions)
- ISX12 (All Versions)
- ISX (All Versions)
- ISX15 (All Versions)
- QSX11.9 (All Versions)
- QSX15 (All Versions)

#### Issue

Symptom:

- Lubricating oil pressure low at idle
- Fault Code 143

Root Cause:

- Remote mounted lubricating oil filter head supply line diameter is too small

### Verification

- Engine is equipped with a remote mounted lubricating oil filter head

And

- Low lubricating oil pressure at idle or Fault Code 143

### Resolution

To increase lubricating oil pressure at engine idle, the internal diameter of the lubricating oil supply line, associated fittings, and mating components was increased. Cummins Inc. recommends the replacement of existing components with the new components listed below in Table 1.

### Service Instructions

The new lubricating oil supply line requires an increase in torque for assembly and is reflected in the updated service procedure. See Publications Affected section below.

### Service Parts Availability

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

Table 1, Service Parts				
Part Description	Existing Part Number	Obsoleted	Superseded	New Part Number
Cover, Filter Head	3406944	No	No	4386563
Nut, Regular Hexagon	3406946			4386219
Head, Lubricating Oil Filter	3406949			4386220
Adapter, Filter Head	4973369			4386218
Hose, Flexible	AX1607200SS			4386974
Elbow, Male Union	3400717			3064542
Union, Male	3032627			4078977
Elbow, Male Union	3049010			4065714

### Part Compatibility

The new parts are **not** backward compatible.

### Publications Affected

Table 2, Publications Affected					
Manual Type	Engine	Bulletin Number	Procedure Title	Procedure	Section
Service Manual	QSX15 CM2350 X105	4332667	Lubricating Oil Filter Head Adapter	Refer to Procedure 007-018	7
	QSX15 CM2250 ECF	2883557		Refer to Procedure 007-018	7
	PowerGen QSX15 CM2250 ECF	4310661		Refer to Procedure 007-018	7
	QSX15 CM2350 X106	4332712		Refer to Procedure 007-018	7
	PowerGen QSX15 CM2250	4310664		Refer to Procedure 007-018	7
	QSX15 CM2250 ECF	2883557		Refer to Procedure 007-018	7
	QSX11.9 CM2250 ECF	2883561		Refer to Procedure 007-018	7

## Document History

Date	Details
2016-3-9	Module Created

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