



Campaign Number	Revision Level	Date	Group Number	
C1638	B	12-JUN-2015		
Expiration Date (U.S. and Canada)		Expiration Date (International)		
01-JUN-2016		01-JUN-2016		
Engine Family	Fuel System	Plant	Build Date	
			From	To
ISX, QSX15ISX15	CM2250			
ISX, QSX15ISX15				
ISX, QSX15ISX15				
ISX11.9	CM2250			
ISX11.9				
ISX, QSX15ISX15				
ISX, QSX15ISX15				
ISX, QSX15ISX15				
ISX11.9				



Warranty Campaign

ISX12/15 CM2250/CM2350 Lubricating Oil Filter Bypass Valve Campaign

Attention

- Worldwide distr./ branches and Div./Reg Offices
- U.S / Canadian Distr./Branches and Div. Offices
- U.S / Canadian Dealers

This is to revise and replace Campaign 1638-A, dated 02-Jun-2015. This revision is to:

1. Add clarifying narrative, and
2. Update SRTs.

If additional information is required, contact your Cummins Warranty Operations Group Leader.

Description

NOTE: The lubricating oil filter bypass valve retaining plug **MUST** be inspected prior to starting this repair. If the face of retaining plug is painted with highly visible paint, **STOP**, do **NOT** perform this Campaign. The painted retaining plug indicates that the new bypass valve is already installed. Do **NOT** proceed any further.

This Campaign is to replace the lubricating oil filter bypass valve on ISX12 and ISX15 CM2250, ISX12 and ISX15 CM2350, QSX12 and QSX15 CM2250ECF and CM2350, and ISXe5 engines. The new bypass valve is based on a proven Cummins Midrange design which has more effective sealing capability and provides better protection to fuel pump lubricated components. The bypass valve is located in the lubricating oil filter head and is easy to install.

NOTE: The face of the bypass valve retaining plug **MUST** be clearly painted with a high quality, highly visible paint marker (preferably white or yellow) to signify that the new bypass valve has been installed.

Action

In order to qualify for repair under this field action, an engine:

1. will be covered regardless of coverage status up to 5 years/500,000 miles, and
2. **MUST** be on one (1) of the attached ESN listings, and
3. the lubricating oil filter bypass valve plug **must not** be already marked with highly visible paint.

NOTE: Customer In House Repairs are allowed for this field action.

NOTE: There are multiple ESN listings for this field action. Please refer to the information below to identify the appropriate ESN list to use for ESN eligibility validation.

- a. ESN-List A: ISX15, EPA 2010 with ESN range of 79393426-79495785
- b. ESN-List B: ISX15, EPA 2010 with ESN range of 79495786-79498377
- c. ESN-List C: ISX12, EPA 2010-2013, and QSX12 T4, QSX T4, T4 Final, ISXe5
- d. ESN-List D: ISX15, EPA 2013 with ESN range of 79470191-79719257
- e. ESN-List E: ISX15, EPA 2013 with ESN range of 79719258-79798514
- f. ESN-List F: ISX15, EPA 2013 with ESN range of 79798515-79815751

After verifying that the engine meets the above requirements, perform the following actions:

1. Remove lubricating oil filter bypass valve. Please refer to Service Manual (4022250 for ISX15 CM2250, 2883557 for QSX15 CM2250 ECF, 2883561 for QSX11.9 CM2250 ECF and 2883445 for ISX12 CM2250, 4310641 for ISX15 CM2350, 4310646 for ISX12

CM2350, 4332712 for QSX15 CM2350, 4310736 for ISX15 CM2250SN) and Procedure 007-014.

2. Install bypass valve, part number 4357177. Please refer to Service Manual (4022250 for ISX15 CM2250, 2883557 for QSX15 CM2250 ECF, 2883561 for QSX11.9 CM2250 ECF and 2883445 for ISX12 CM2250, 4310641 for ISX15 CM2350, 4310646 for ISX12 CM2350, 4332712 for QSX15 CM2350, 4310736 for ISX15 CM2250SN) and Procedure 007-014.
3. Paint the face of the bypass valve retaining plug with high quality, highly visible paint marker (preferably white or yellow) to signify that the new bypass valve has been installed and the retaining plug properly torqued.

Material Disposition

Materials removed as a result of this field action must be scrapped.

Reimbursements

Parts

The following parts are covered under this field action:

Part Number	Quantity	Description
4357177	1	VALVE, PRESSURE RELIEF

NOTE: SRTs to gain access that are required to complete the repair, that are sufficiently explained in the claim narrative, may also be claimed on this action.

NOTE: Only one (1) Lubricating Oil Bypass Valve Remove and Install SRT can be claimed.

NOTE: Steam cleaning is not required.

Labor using applicable Access Code and Time:

SRT Code	Description	Time (hrs)
00-90X	Administrative time	
07-01Y	Lubricating Oil Filter Bypass Valve - Remove and Install - ISX15 CM2350 X101 (OPTIONAL)	
07-01Z	LUBRICATING OIL FILTER BYPASS VALVE - REMOVE AND INSTALL - ISX15 CM2250 (OPTIONAL)	
07-02J	LUBRICATING OIL FILTER BYPASS VALVE - REMOVE AND INSTALL - ISX15 CM2250 SN (OPTIONAL)	
07-02K	Lubricating Oil Filter Bypass Valve - Remove and Install - QSX15 CM2350 X106 (OPTIONAL)	

07-02L	LUBRICATING OIL FILTER BYPASS VALVE - REMOVE AND INSTALL - QSX15 CM3250 X105 (OPTIONAL)
07-02N	LUBRICATING OIL FILTER BYPASS VALVE - REMOVE AND INSTALL - QSX15 CM2250 ECF (OPTIONAL)
07-02P	Lubricating Oil Filter Bypass Valve - Remove and Install - ISX12 CM2350 X102 (OPTIONAL)
07-02Q	LUBRICATING OIL FILTER BYPASS VALVE - REMOVE AND INSTALL - ISX12/ISX11.9 CM2250 (OPTIONAL)
07-02R	LUBRICATING OIL FILTER BYPASS VALVE - REMOVE AND INSTALL - QSX11.9 CM2250 ECF (OPTIONAL)

Travel

Travel is covered under this field action. Towing is **not** covered under this field action.

NOTE: When travel is needed, please plan ahead to perform the campaign on multiple units whenever possible and file multi-ESN claims accordingly. When filing claims for multiple ESNs, where travel is required, travel can be filed to ONLY one (1) ESN.

Other Claimables

Consumables are **not** covered under this field action.

Claim Instructions

For Cummins Dealers, claims for this Field Campaign **must** be filed via **RAPIDSERVE™** Web (rsw.cummins.com). For information regarding **RAPIDSERVE™** Web, please reference the "Warranty" tab in QuickServe® Online. If there are additional questions, please contact your local Cummins Distributor.

Claim Codes	
Description	Code
Account Code:	65
Pay Code:	Distributor = X
Pay Code:	Dealer = D
Pay Code:	International = I
Failure Code:	WLCBPO

Attachments

[Click here to see c1638_esn-list-a.xls](#)

[Click here to see c1638_esn-list-b.xls](#)

[Click here to see c1638-a_esn-list-c.xls](#)

[Click here to see c1638_esn-list-d.xls](#)

[Click here to see c1638_esn-list-e.xls](#)

[Click here to see c1638_esn-list-f.xls](#)

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