



TRP Number	Revision Level	Date	Group Number
T1706	A	10-NOV-2015	
Expiration Date (U.S. and Canada)		Expiration Date (International)	
01-JUN-2016		01-JUN-2016	



Temporary Repair Practice

ISX/QSX CM2250/CM2350 Lubricating Oil Filter Bypass Valve TRP

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 TRP 1706, dated 16-Oct-2015. This revision is to:

1. Add clarifying narrative.

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 field action. The painted retaining plug indicates that the new bypass valve is already installed. Do **NOT** proceed any further.

This Temporary Repair Practice (TRP) provides authorization 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 anytime the unit is in for maintenance or repairs, with certain restrictions on reimbursement.

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: This TRP does not reimburse for any SRTs, except those that are listed. It is recommended, but not required, that this Field Action be performed as part of another Cummins warrantable repair event to allow reimbursement for charges, such as travel, troubleshooting or access issues, that are outside the scope of this document.

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. **must** be within Base Engine Warranty, the Emissions Coverage period and/or within a CAP Coverage period, and
2. **must** be on the attached ESN list.

NOTE: The attached ESN list is provided in a sequential table. ESNs are listed from the smallest to largest, in four (4) columns. It is recommended that the Excel Find function be utilized to verify ESN eligibility. Select the entire table (upper left hand corner), press the CTRL and F keys, key in your targeted ESN. If the ESN is eligible, the dialog box will provide the location of the ESN (by column and row).

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.

NOTE: After the repair is completed, 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.

Reimbursements

Parts

The following parts are covered under this field action:

Part Number	Quantity	Description
435717700	1	VLV,RLF

NOTE: Lubricating Oil Filter Bypass Valve - Remove and Install SRT is the only labor that should be claimed to this TRP. All listed SRTs are OPTIONAL. Select ONLY the appropriate SRT. All other warrantable charges associated with the repair can be claimed to the coverage that provides the most benefit to the customer including Base Engine Warranty, Emissions Control System Warranty or CAP Coverage (if applicable) under the appropriate failure code.

Labor using applicable Access Code and Time:

SRT Code	Description	Time (hrs)
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 CM2350 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 **not** covered under this field action. Towing is **not** covered under this field action.

Other Claimables

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

Claim Instructions

For Cummins Dealers, claims for this TRP **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:	WLCVHB

Attachments

[Click here to see t1706-o_esn-list.xls](#)

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