



TRP Number	Revision Level	Date	Group Number
T1612	E	31-MAR-2017	
Expiration Date (U.S. and Canada)		Expiration Date (International)	
30-SEP-2017		30-SEP-2017	



Temporary Repair Practice

ISL9 CM2350 - Piston and Valve Stem Seal Replacement TRP for FC1896/3382 IN Transit Bus Applications

Attention

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

This is to revise and replace TRP 1612-D, dated 11-Mar-2016. This revision is to:

1. Extend the expiration date to 30-Sep-2017.

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

Description

This TRP is being issued to address plugging of the EGR coolers and EGR valves resulting in FC 1896 and/or FC 3382 on ISL9 CM2350 Transit bus applications. This TRP authorizes the replacement of pistons and valve stem seals, and if required, updating the ECM

calibration. The EGR cooler and/or the EGR valve are **not** covered under this field action. It **must** be troubleshoot and repaired separately.

Action

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

1. will be covered Regardless of coverage status, and
2. **must** be on the attached ESN list, and
3. **must** be an ISL9 CM2350 Transit Bus application, and
4. **must** have FC 1896 and/or FC 3382 active.

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

NOTE: Please refer to the **ISL9 CM2350 Service Manual, bulletin 4310787 for detailed instructions.**

1. Please refer to Procedure 000-009 in Section 0, to steam clean the engine.
2. Please refer to Procedure 001-054 in Section 1, to remove and reinstall all 6 pistons from the engine.
3. Please refer to Procedure 002-016 in Section 2, to remove and reinstall all 24 valve stem seals.
4. Please refer to Procedure 019-032 in Section 19, to inspect the ECM calibration revision history. Update the ECM calibration if a later revision is available.
5. Operate the engine and check for leaks.
6. File one claim for all labor and parts cost associated with this TRP.

Material Disposition

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

Reimbursements

Parts

NOTE: Additional parts, such as o-rings, gaskets and fasteners, that are required to complete the repair, but not listed, may be claimed if sufficiently explained in the claim narrative.

The following parts are covered under this field action:

Part Number	Quantity	Description
393040800	1	GSK,PAN (OPTIONAL)
393935200	1	GSK,CNN
394857800	24	SAL,STM

Part Number	Quantity	Description
430940900	1	SET,GSK
430952700	6	KIT,PST
533256300	1	GSK,PAN (OPTIONAL)

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: Two hours of SRT 99-901 is allowed for piston and ring assembly, cleaning of the oil pan flange and other miscellaneous tasks.

NOTE: Two hours of SRT 17-400 is allowed ONLY for Hybrid busses.

NOTE: All SRTs are OPTIONAL. Select ONLY the appropriate SRTs for the repair performed.

Labor using applicable Access Code and Time:

SRT Code	Description	Time (hrs)
00-401	Steam Clean - Complete Engine	
00-90X	Administrative time	
01-180	Block Stiffener - Remove and Install	
01-603	Piston - Remove and Install, All (With EGR)	
02-306	Valve Guide Seal - Remove and Install, All (Four Valves per Cylinder) (Common Rail Fuel System)	
08-142	Belt Guard - Remove and Install, Each	
10-144	Charge Air Pipe - Remove and Install, Each	
14-704	Engine - Run-In and Test (In Chassis)	
17-005	Surge Tank - Remove and Install	
17-101	Refrigerant Compressor and Bracket - Remove and Install	
17-103	Air Conditioner System - Evacuate and Recharge	
17-122	Engine Side Panels or Doors (CMLA Applications), (Without Quick Release Clamps) - Remove and Install, Each	
17-124	Floorboard - Remove and Install (Automotive, Bus, and Recreational Vehicle Applications only) (OPTIONAL)	
17-154	Mobile Vehicle/Equipment Lift System- Set Up (OPTIONAL)	
17-157	Back Seat - Remove and Install (Bus Application) (OPTIONAL)	
17-162	Power Steering Reservoir - Move for Access	
17-400	DE-ENERGIZE, HYBRID ELECTRIC SYSTEM (OPTIONAL)	
19-611	Engine Control Module (ECM) Calibration- Transfer (CM 2250/CM2350) (OPTIONAL)	

SRT Code	Description	Time (hrs)
99-901	PISTON RING ASM, OIL PAN FLANGE CLEAN, MISC (QTY - 2)	2

Travel

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

Other Claimables

Consumables are covered under this field action.

NOTE: \$250 is allowed for Consumables.

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:	WIRVBU

Attachments

[Click here to see t1612-p_esn-list.xls](#)

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