ACCOUNT TEAM COVERAGE

Please Deliver To: Service Managers and Warranty Decision Makers

FROM: Cummins Global Warranty Administration Communications

Subject: ISX15/QSX15/X15 CM2350 Rocker Lever Replacement - EDS Guided ATC for North America Applications ONLY

Number: Atc2298 **Date:** 22-Nov-2022

Expires: 30-Mar-2023 (U.S./Canada)
30-Mar-2023 (International)

Attention: U.S / Canadian Distr./Branches and Div. Offices
U.S / Canadian Dealers (Automotive & Industrial)

This is to revise and replace Campaign 2298-D, dated 20-Jan-2022. This revision is to:

1 Re-open the Field Action, and

2 extend the expiration date to: 30-Mar-2023.

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

DESCRIPTION:

This ATC is being issued to address suspect Valve Rocker Assemblies on certain X15 CM2350 X101, or QSX15 CM2350 X105 engines located in North America. This field action provides authorization for certified repair locations to replace the Intake and Exhaust Valve Rocker assemblies on eligible engines with assemblies that include improved oil delivery to the roller and pin interface.

NOTE: Necessary parts **must** be on hand before beginning this field action.

NOTE: This field action provides for retroactive coverage for repairs completed by Cummins authorized repair locations in anticipation of and prior to the release date of this publication.

ACTION:

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

1 will be covered Regardless of coverage status, and

2 **must** show as OPEN on QuickServe® Online for this field action.

NOTE: The ESN list is attached for reference.

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

NOTE: Data is needed from each ESN that is either campaigned or repaired in the field. Using EDS or Guidanz, add a new DS with the Engine Serial Number, mileage, etc., and enter "Field Action for rocker lever" in to the fault code search field in EDS or Guidanz and follow the solution to provide the data necessary data.

- 1) Measure the valve lash. Refer to Procedure 003-004 of the appropriate Service manual. Record the values measure in inches starting from Cylinder 1 through Cylinder 6 in the applicable EDS solution. Here is an example of the request format, represented in inch measurements:

Intake: 0.014; 0.012; 0.013; 0.012; 0.011; 0.013

Exhaust: 0.025; 0.027; 0.024; 0.024; 0.025; 0.026

- 2) Remove the rocker lever assemblies and inspect the lever rollers. Please refer to Procedure 003-009 of the appropriate Service Manual and Service Bulletin 3666052.

Based on inspection results, follow the appropriate repair direction outlined below.

Repair Path A: If no damage is found, document the repair through the EDS solution S00006291 - "Rocker Levers-Non-Failed (Rocker Lever Check)";

- A.1. Complete installation of new Intake and Exhaust Valve Rocker Assemblies. Please refer to Procedure 003-009 of the appropriate Service Manual.

  NOTE: Rocker levers must be lubricated as directed. Failure to lubricate the rocker lever as directed can cause extensive engine damage. Please refer to the Assemble section of Procedure 003-009.

- A.2. File one claim for **only** the applicable parts and labor listed in this field action.

Repair Path B: If the Rocker Lever Rollers are found damaged document the repair through EDS solution S00006294 - "Rocker Levers-Failed (Camshaft Check)";

- B.1. Complete installation of the new intake and exhaust valve rocker assemblies. Please refer to procedure 003-009 of the appropriate Service Manual.

  NOTE: Rocker levers **must** be lubricated as directed. Failure to lubricate the rocker lever as directed can cause extensive engine damage. Please refer to the Assemble section of Procedure 003-009.
- B.2. Document the Cylinder Location and lever position of the failed Rocker levers. Record the values under EDS solution S00006294 in the comments field. Please refer to Attachment B for a graphic illustration of the Cylinder and Lever location details.
- B.3. Please refer to Service Bulletin 3666052 Camshaft Reuse Guidelines for Cummins Engines with Roller Followers or Roller Tappets for cam reuse and repair direction.

  NOTE: Any Camshaft repairs done in accordance with Service Bulletin 3666052 CANNOT be filed to this field action and must be filed to applicable coverage.
- B.4. File two claims:
- B.4.a. File one claim to this campaign for **only** the applicable parts and labor listed in this field action.
- B.4.b. The remainder of the repair cost directed by Service Bulletin 3666052 should be filed per ATC #2249, or other available coverage options that benefits the customer the most.

MATERIAL DISPOSITION:

Where applicable, items removed should be returned to ReCon for core credit. Unless otherwise indicated, items with no core liability can be scrapped.

REIMBURSEMENTS:

Parts:

NOTE: The kit required for this repair is restricted to customers that qualify for the field action. This is on Manual Allocation and when ordering it, the order will out-file to Customer Order Management. An ESN (or ESNs if ordering for multiple engines) may be requested when placing an order. Please take the ordering time into account when scheduling the repair.

The following parts are covered under this field action:

Part Number	Quantity	Description
557946700	1	KIT,LEV

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

Labor using applicable Access Code and Time:

SRT Code	Description	Time
00-139	Part Photograph/ECM Images/Datalogs to Factory Service Group	
00-400	Steam Clean - Single Component Repair	
00-90X	Administrative time	
03-056	ROCKER LEVER ASSEMBLY - REMOVE AND INSTALL, ALL - X15 CM2350 X114B (OPTIONAL)	
03-05V	ROCKER LEVER ASSEMBLY - REMOVE AND INSTALL, ALL - X15 CM2350 X116B (OPTIONAL)	
03-108	ROCKER LEVER ASSEMBLY - REMOVE AND INSTALL, ALL (OPTIONAL)	
99-008	CYLINDER PLACE AND VALVE LASH MEASUREMENT (QTY 1)	

Travel:

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

Other Claimables:

Consumables are covered under this field action.

NOTE: Additional parts, such as o-rings, gaskets and fasteners, that are required to complete the repair, but **not** listed, may be claimed in Other Claimables. Please consolidate all consumables and claim them as one line item in Other Claimables titled "CAMPAIGN SUPPLIES" or other appropriate selections. Please include brief summaries on the details of items claimed.

Claim Instructions:

For Cummins Dealers, claims for this Field Campaign **must** be filed via **RAPID**SERVE™ 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.

Account Code: 27
Pay Code: ..... Distributor = X
Pay Code: ..... Dealer = D
Pay Code: ..... International = I
Failure Code: ..... WRAVIJ

Attachments
atc2298_esn-list-b.xlsx