

ACCOUNT TEAM COVERAGE

Please Deliver To: Service Managers and Warranty Decision Makers

FROM: Cummins Global Warranty Administration Communications

Subject: ISX12G and ISX12N Piston, Cylinder Head, and Cylinder Liner Replacement ATC for [REDACTED]

Number: Atc2485

Date: 09-Sep-2021

Expires: 09-May-2022 (U.S./Canada)

09-May-2022 (International)

Attention: [REDACTED]

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

DESCRIPTION:

This ATC is being issued to address oil consumption above published specification limits on certain ISX12 G CM2180 EJ and ISX12N CM2380 X120B engines. In some cases, the oil consumption may result in knock faults, repeat misfire, engine miss, rough running, and/or low power. This ATC authorizes certified repair locations to replace the current pistons and cylinder liners with new and improved parts, as well as claim costs associated with cleaning the exhaust valves.

NOTE: Before repairing please confirm the cylinder head part number before repairing as some engines have already been upfit with the improved cylinder head PN 5547183. If engines have cylinder head part numbers 2899549, 4311995, or 5320546 then repair locations are authorized to replace with improved cylinder head PN 5547183.

NOTE: This field action provides retroactive coverage for repairs made in anticipation of and prior to the release 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:

- 1 Install new cylinder liner kits, refer to procedure 001-028 Cylinder in the appropriate service manual.
- 2 Install new piston kits, refer to procedure 001-043 Piston in in the appropriate service manual.
- 3 If appropriate, install new cylinder head, refer to procedure 002-004 Cylinder Head in the appropriate service manual.

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:

The following parts are covered under this field action:

| Part Number | Quantity | Description |
|-------------|----------|-------------|
| 289539400 | 2 | SAL,RNG |
| 289950900 | 2 | SAL,RNG |
| 368314400 | 2 | CLP,BND |
| 396399000 | 2 | WSH,SNG |
| 429824200 | 4 | STD |
| 429897500 | 4 | NUT,LCK |
| 431591100 | 1 | CLP,BND |

| Part Number | Quantity | Description |
|-------------|----------|--------------------|
| 437646600 | 1 | KIT,GSK |
| 554718300RX | 1 | HED,CYL (OPTIONAL) |
| 563353400 | 6 | KIT,PST |
| 563353500 | 6 | KIT,LIN |

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

Labor using applicable Access Code and Time:

| SRT Code | Description | Time |
|----------|--|------|
| 00-90X | Administrative time | |
| 01-153 | Piston and Liner - Remove and Install, All | |
| 01-15Z | Cylinder Liner - Remove and Install, All - ISX12N CM2380 X120B | |
| 01-16D | Piston and Connecting Rod Assembly - Rebuild, Each - ISX12N CM2380 X120B | |

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: 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 **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.

Account Code: 27
 Pay Code: North America Distributor = X
 Pay Code: North America Dealer = D
 Pay Code: International Distributor = I
 Pay Code: International Dealer = R
 Failure Code: WBPASD

Attachments
 atc2485_esn-list.xlsx