



Temporary Repair Practice

TRP Number: t2037	Revision: C	Released Date: 15-Mar-2019
ISX15 CM2350 X101 SCR Replacement TRP for Fault Code 3151 or 3582		Expiration Date (U.S. and Canada): 01-Aug-2023
		Expiration Date (International): 01-Aug-2023

Attention

- U.S / Canadian Dealers
- U.S / Canadian Distr./Branches and Div. Offices (Automotive)

This is to revise and replace TRP 2037-B, dated 08-Feb-2019. This revision is to:

- 1. Update the narrative.**

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

Description

This field action authorizes certified repair locations to upfit certain ISX15 CM2350 X101 engines rated at 450hp or less with an improved SCR Catalyst. A calibration update will be required.

Note : This field action provides for retroactive coverage of repairs, including customer billable repairs, completed by Cummins authorized repair locations prior to the release date of this field action. Previous repairs may be eligible for reimbursement of **ONLY** the work defined in this publication. Service providers should have invoice documentation of original repair ready for support of the retroactive claim. All Service Providers attempting to file claims for retroactive repairs should reference Warranty Memo 1825 for instructions.

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 an OPEN status for this field action on QuickServe® Online, and
3. **must** have an active count of fault code 3151 (SCR Catalyst System Missing) or 3582 (SCR Conversion Efficiency), or more than one inactive count within the last 250 engine operating hours, and
4. **must** be less than 435K miles.

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

1. If all qualifying parameters detailed above are met, please refer to Attachment B for a listing of affected SCRs and related replacement SCR part numbers. The listed replacements SCRs must be used in completing this field action and take precedence over any other prior published service/part guidelines, for the duration of this field action.

Note : For ISX15 CM2350 (Model Year 2013 Product) engines **only**, the SCR catalyst **must** be inspected per TSB130099 prior to performing the campaign. If the SCR catalyst does **not** have the dimples shown in the TSB, install a new SCR catalyst. Please refer to Attachment B for a listing of affected SCRs. **DONOT** refer to the TSB130099 list of SCR replacements. This TRP precedence for the life of the field action. If the SCR catalyst has the dimples shown in the TSB, the SCR **DOES NOT** need to be replaced. File for **only** the appropriate Admin Time (00-90x) and Campaign Check (17-902).

2. Please refer to procedure SCR Catalyst Remove and Install, Procedure 011-036 of Service Manual 4310641 (ISX15 CM2350 X101).

Note : For ISX15 CM2350 product **only**, ECM Calibration and SCR Catalyst Compatibility **must** be checked after replacing the SCR. Use the Calibration Selection Tool referenced in TSB130099 to select the correct Calibration ECM base code compatible with the new SCR catalyst. Update the calibration and base code if directed by the calibration selection tool.

3. If appropriate, complete "Label, Authorized Change," Cummins Part Number 5297400. Clearly print or type "SCR Catalyst and/or ECM Calibration Update" in the center box as is appropriate for the completed repair. Fill in the Campaign Number, Distributor or Dealer Code and Date information. Peel off the backing material and install the label on the engine valve cover near the engine data plate. There is a

clear protective cover on this label. Peel the backing off of this cover and push the clear cover over the printed material..

4. If required, an "Emissions Campaign - Proof of Correction" form, Bulletin # 4310621, **must** be filled out and provided to the Customer. Inform the Customer to retain this certificate as proof that the Emissions Campaign has been performed. This form may be required as proof of an Emissions Campaign by the State of California, for vehicles registered in that state, the next time the vehicle registration is renewed. Form cost and appropriate SRT time can be claimed per the Campaign guidelines.

Note : Certified repair locations outside of California, who elect to perform this campaign on engines installed in vehicles that are registered in the state of California, are authorized to do so if they have the two items noted above in their inventory.

5. File one claim for only the applicable parts and labor listed in this document. Any other labor or parts for diagnostics, troubleshooting or repairs **not** listed in the parts and labor sections above cannot be filed to this field action.

Material Disposition

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

Reimbursements

Parts

Note : All SCRs listed are OPTIONAL. Please refer to Attachment B for SCR part numbers. Claim **only** the parts required to complete the repair. Additional parts, such as orings, 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
286633700	1	GSK,AFM (OPTIONAL)
286663600	1	GSK,AFM (OPTIONAL)
288021400	1	GSK,CNN (OPTIONAL)
288021500	1	GSK,AFM (OPTIONAL)

Part Number	Quantity	Description
388639600	1	LIT,ELE (FLEET COUNT- OPTIONAL)
431062100	1	LIT,SER (PROOF OF CORRECTION - OPTIONAL)
529740000	1	TAG (LABEL, AUTHORIZED CHANGE - 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 : 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)
00-90X	Administrative time	
11-06Q	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION (SCR) CATALYST, (HORIZONTAL) - REMOVE AND INSTALL - ISX15 CM2350 X101 (OPTIONAL)	
11-06R	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION (SCR) CATALYST, (VERTICAL) - REMOVE AND INSTALL - ISX15 CM2350 X101 (OPTIONAL)	

SRT Code	Description	Time (hrs)
11-06S	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION (SCR) CATALYST, (SWITCHBACK) - REMOVE AND INSTALL - ISX15 CM2350 X101 (OPTIONAL)	
17-901	STAMP ENGINE DATA PLATE/APPLY EMISSION STICKER (OPTIONAL)	
17-902	CAMPAIGN CHECK (OPTIONAL)	
19-611	ENGINE CONTROL MODULE (ECM) CALIBRATION- TRANSFER (CM 2250/CM2350) (OPTIONAL)	

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 : Please consolidate all consumables and claim them as one line item in Other Claimables titled "CAMPAIGN SUPPLIES". Please included brief summaries on the details of items claimed.

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:	WUSSCD

Attachments



Click here to see t2037_esn-list-a.xls



(/service/english/attachments/t2037_esn-list-a.xls) Click here to
see t2037_epa2013_hd_affected_part_numbers_attach-b.xls

(/service/english/attachments/t2037_epa2013_hd_affected_part_numbers_attach-b.xls)

Engine Family	Fuel System
ISX, QSX15 ISX15	
Design Application	Market Application
Automotive	All

Last Modified: 15-Mar-2019
