Temporary Repair Practice

TRP Number: t2484	**Revision**: D	**Released Date**: 30-Jun-2022
ECM Calibration for DEF Header Sensor Failures due to Parts Shortage TRP		**Expiration Date (U.S. and Canada)**: 13-Jan-2023
		Expiration Date (International): 13-Jan-2023

Attention

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

This is to revise and replace T2484-C, dated 31-Mar-21. This revision is to:

1. **Extend the Expiration date to: 13-Jan-2023, and**
2. **update the Action.**

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

Description

This TRP is being issued to address certain vehicles with DEF header sensor failures in which DEF header replacement parts are **not** available. Due to DEF header part shortages, an ECM calibration is being released that reduces inducement levels to allow for continued operation of the vehicle until DEF header parts become available for a final repair. This TRP authorizes certified repair locations to download an ECM calibration, reducing the inducement levels when DEF header datalink communication faults are detected, if all criteria are met in the Action section outlined below.

Note : This Temporary Repair Practice (TRP) is intended to reimburse for the work directed and described in this document **ONLY**. This TRP is **NOT** intended to cover costs associated with repairing progressive damage, access issues encountered when doing the work, or any other additional items **NOT** SPECIFICALLY ALLOWED by the document. Please review the failure, remaining coverage on the engine, coverage limitations, and warranty administrative procedures to determine if repair costs are outside of those allowed by this TRP, and may be reimbursable under another Cummins program.

Note : A proactive field action will be released at a later date that meets regulatory requirements to restore the original engine calibration and install a functional DEF header. The timing of the proactive field action will be dependent on when DEF header parts supply is steady and available in the channel. An official communication for this field action will be sent to provide details on how to complete. Until that time, for vehicles that have completed the TRP, ECM calibration code changes related to DEF header replacement are **NOT** authorized.

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, and
3. **must** have one or more DEF header sensor fault code(s) 3868, 4572, and/or 4677 active or has more than one inactive count within the last 25 engine operating hours, and
4. **must** have followed TSB210187 and determined DEF header sensor fault codes(s) are a result of a failed DEF header sensor(s), and
5. A DEF header replacement part is **not** available. Refer to the Resolution section of TSB210187 for instruction on obtaining OEM authorization, if required.

Note : The ESN list is attached for reference.

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

Note : The available ECM calibrations will **ONLY** address DEF header sensor malfunctions that are logging one, all or a combination of DEF header fault code(s) 3868, 4572 and/or 4677. The fault code(s) **MUST be documented** in the Field Action claim narrative if the ECM calibration is updated.

1. Download and print the attached: Customer Letter and provide to the customer.
2. Follow steps in the Resolution section of TSB210187 to download the applicable ECM calibration and cut and heat shrink the DEF header pigtail harness. The applicable ECM code can be found using the ECM code lookup tool or ECM code list referenced in the Customer Communication section of TSB210187.

Material Disposition

There are no materials involved in the field action.

Reimbursements

Parts

The following parts are covered under this field action:

Part Number	Quantity	Description
388639600	1	ELECTRONIC FLEET COUNT

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 (hrs)
00-90X	Administrative time	
19-0G5	ENGINE CONTROL MODULE CALIBRATION CODE - TRANSFER (CMI) (OPTIONAL)	
19-611	ENGINE CONTROL MODULE (ECM) CALIBRATION - TRANSFER (CM 2250/ CM 2350) (OPTIONAL)	
99-008	Troubleshooting Per TSB210187 (QTY 1)	

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 : A total of $5.00 (USD) is allowed for reimbursement for heat shrink tubing and cable tie reimbursements. 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 TRP **must** be filed via **RAPID**SERVE™ Web (rsw.cummins.com). For information regarding **RAPID**SERVE™ 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:	North America Distributor = X
Pay Code:	North America Dealer = D
Pay Code:	International Distributor = I
Pay Code:	International Dealer = R
Failure Code:	WEQPEH

Attachments

Click here to see customer_letter.pdf

(/service/english/attachments/customer_letter.pdf)

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

Document History

Date	Details
	Document Created; 16-Sep-2021
	Update the Action, SRT list, Other Claimable, ESN list; 21-Oct-2021
	Extend the Expiration date; 16-Dec-2021
	Extend the Expiration date, update the Description; 31-Mar-2022
	Extend the Expiration date, update the Action; 30-Jun-2022

Last Modified: 30-Jun-2022

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