Temporary Repair Practice

TRP Number: t2488	**Revision**: E	**Released Date**: 22-Nov-2022
ECM Calibration for DEF Header Sensor Failures due to Parts Shortage TRP for PACCAR Vehicles		**Expiration Date (U.S. and Canada)**: 30-Nov-2022
		Expiration Date (International): 30-Nov-2022

Attention

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

This is to revise and replace TRP 2488-D, dated 30-Jun-2022. This revision is to:

1. **Expire the Field Action on: 30-Nov-2022.**

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

Description

This TRP is being issued to address certain PACCAR (Kenworth and Peterbilt) 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 code(s) are a result of a failed DEF header sensor(s), and
5. If performed at a Peterbilt or Kenworth dealer, the dealer **must** have followed PACCAR TIB 43-071 and received approval from PACCAR to proceed with the TRP. If performed by another authorized Cummins service location, PACCAR authorization **must** be confirmed by contacting the nearest Peterbilt or Kenworth dealer to have them submit a request to PACCAR and obtain an authorization code.

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.
3. Document the PACCAR authorization code in the narrative of the claim.

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 : 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 (hrs)
00-90X	Administrative time	
19-0G5	Engine Control Module Calibration Code - Transfer (CMI)	
19-611	Engine Control Module (ECM) Calibration- Transfer (CM 2250/CM2350)	
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.

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:	WEQPEI

Attachments

Click here to see customer_letter.pdf

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

Engine Family	Fuel System
ISBe4 (6 Cylinder) QSB6.7 ISB ISDe, ISD4.5, ISD6.7 ISBe, ISB4.5, ISB6.7	
ISBe4 (6 Cylinder) QSB6.7 ISB ISDe, ISD4.5, ISD6.7 ISBe, ISB4.5, ISB6.7	
ISBe4 (6 Cylinder) QSB6.7 ISB ISDe, ISD4.5, ISD6.7 ISBe, ISB4.5, ISB6.7	
ISBe4 (6 Cylinder) QSB6.7 ISB ISDe, ISD4.5, ISD6.7 ISBe, ISB4.5, ISB6.7	
ISX11.9	
ISX, QSX15 ISX15	
ISX, QSX15 ISX15	
ISX, QSX15 ISX15	
ISX, QSX15 ISX15	
ISX, QSX15 ISX15	
Design Application	**Market Application**
All	All
All	All
All	All
All	All

Design Application	Market Application
All	All
All	All
All	All
All	All
All	All
All	All
All	All
All	All
All	All
All	All
All	All
All	All

Document History

Date	Details
	Document Created; 23-Sep-2021
	Update Action, SRT list, Other Claimables; 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
	Expire the Field Action; 22-Nov-2022

Last Modified: 22-Nov-2022