



Temporary Repair Practice

TRP Number: t2521	Revision:	Released Date: 30-Nov-2021
PD7000 BES CM0904 EV104B Battery Inlet Temperature Sensor TRP		Expiration Date (U.S. and Canada): 31-Dec-2023
		Expiration Date (International): 31-Dec-2023

Attention

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

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

Description

This TRP is being issued to update the high voltage battery inlet temperature sensor on certain BES CM0904 EV 104B units. The temperature sensor is **not** IP67 rated and may allow water to leak into the connectors and corrode. This TRP authorizes certified repair locations to complete the upfit any time the unit is in for maintenance or repairs, with certain restrictions or reimbursements.

If the unit fails for a fault code 107, or if the temperature sensor is reading incorrectly in the tool, replace with the part numbers listed below.

Note : This TRP is **only** to be performed on the high voltage battery inlet temperature sensor and **not** the other two temperature sensors in the system. Please call 1-800-Cummins with any questions.

Action

In order to qualify for repair under this field action, a drivetrain system:

1. will be covered regardless of coverage status, and
2. **must** show as OPEN on QuickServe® Online for this field action.

Note : The SSN list is attached for reference.

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

1. If applicable, please refer to Attachment B for the detailed inspection and repair instructions.
2. Where units have been inspected, but the upfit is **not** required or already installed, please file an Admin **Only** claim to close the action for the SSN.

Material Disposition

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

Reimbursements

Parts

Note : All parts listed are OPTIONAL. Claim **only** the parts required to complete the repair.

The following parts are covered under this field action:

Part Number	Quantity	Description
316366700	1	CNR,ELC (OPTIONAL)
567845800	1	MAN,FLU (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 listed are OPTIONAL. Select **ONLY** the appropriate SRTs for the repair performed. If, upon inspection, identifies that either the repairs have already been completed, or otherwise unnecessary, file an Admin **Only** claim to close the action.

Labor Using Applicable Access Code and Time

SRT Code	Description	Time (hrs)
00-90X	Administrative time	
30-001	COOLANT TEMPERATURE SENSOR - REMOVE AND INSTALL - BES CM0904 EV104B (OPTIONAL)	
35-00B	RADIATOR COOLANT MANIFOLD - REMOVE AND INSTALL - BES CM0904 EV104B (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 : 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. A total of \$20.00 (USD) are allowed for reimbursement. 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. A lack of documentation in the narrative may result in a reduction in claim reimbursement or claim denial.

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:	North America Distributor = X
Pay Code:	North America Dealer = D

Claim Codes	
Description	Code
Pay Code:	International Distributor = I
Pay Code:	International Dealer = R
Failure Code:	WMTTSA

Attachments

[Click here to see t2521_ssn-list.xlsx](#)

(/service/english/attachments/t2521_ssn-list.xlsx) [Click here to see t2521_reworking_frame_harnesses_to_upfit_battery_inlet_temp_sensor_kit_attachment-b.pdf](#)

(/service/english/attachments/t2521_reworking_frame_harnesses_to_upfit_battery_inlet_temp_sensor_kit_attachment-b.pdf)

Engine Family	Fuel System
Design Application	Market Application
All	All

Document History

Date	Details
	Document Created; 30-Nov-2021

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