Warranty Field Campaign

Campaign Number: c2504	**Revision**:	**Released Date**: 03-Feb-2022
BES CM0904 EV104B Sevcon Inverter Update Campaign		**Expiration Date (U.S. and Canada)**: 01-Oct-2023
		Expiration Date (International): 01-Oct-2023

Attention

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

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

Description

This Campaign is being issued to address a small population of BES CM0904 EV104B units that were built with INVT HV DC/AC Inverters. This Campaign authorizes certified service locations to proactively replace the Power Steering and/or the Air Compressor Inverters if determined to be the INVT version. If an upfit is appropriate, the SCM Trim Parameters will require a change for each component option as needed.

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 SSN list is attached for reference.

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

- 1) Verify the model of DC/AC Inverter for Power Steering and Air Compressor modules. Please refer to Attachment B, for instructions in determining the Inverter model.
- 1a) If the unit is fitted with Sevcon inverters, no additional work is required. File an Admin **Only** claim to mark the unit as completed.
- 1b) If the unit is fitted with INVT inverters, then replace the appropriate component(s).
- 2) If appropriate, Air Compressor Inverters will require new Inverter (Cummins PN 300094), HV AC Cable (PN 200173) and LV Harness (PN 5678412). The original HV DC Cable can be reused by removing the adapter on the Inverter side. Please refer to Attachment B for detailed instructions.
- 3) If appropriate, Power Steering Inverters will require new Inverter (Cummins PN 5611731), HV AC Cable (200175) and LV Harness (5678412). The original HV DC Cable can be reused by removing the adapter on the Inverter side. Please refer to Attachment B for detailed instructions.

- 4) If appropriate, download the latest SCM calibration. Update Power Steering and Air Compressor Options to Sevcon. Contact CUMMINS CARE if assistance is needed, 1-800-CUMMINS.
- 5) File one claim for one or more SSNs updated at the same time. Refer to the WAM for multiple SSN claims filing parameters.

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
020017300	1	WRE,VOL (OPTIONAL)
020017500	1	WRE,VOL (OPTIONAL)
030009400	1	INV,POW (OPTIONAL)
561173100	1	CNT,MTR (OPTIONAL)
567841200	2	HAR,WRG (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.

Labor Using Applicable Access Code and Time

SRT Code	Description	Time (hrs)
00-90X	Administrative time	
19-1JP	SYSTEM CONTROL MODULE CALIBRATION CODE - TRANSFER (CMI) (OPTIONAL)	
33-008	HIGH VOLTAGE POWER STEERING MOTOR - REMOVE AND INSTALL - BES CM0904 EV104B (OPTIONAL)	
33-00D	HIGH VOLTAGE DC/AC INVERTER - REMOVE AND INSTALL - BES CM0904 EV104B (OPTIONAL)	

Travel

Travel is covered under this field action. Towing is covered under this field action.

Note : Only one trip to and from vehicle is covered.

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. 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 Field Campaign **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:	WPTGXA

Attachments

Click here to see c2504_ssn-list.xlsx

(/service/english/attachments/c2504_ssn-list.xlsx) Click here to see c2504_bes_cm0904_ev101b_sevcon_inverter_campaign_instructions_attachment-b.pdf

(/service/english/attachments/c2504_bes_cm0904_ev101b_sevcon_inverter_campaign_instructions_attachment-b.pdf)

Engine Family	Fuel System
Design Application	**Market Application**
All	All

Document History

Date	Details

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	Document Created; 03-Feb-2022

Last Modified: 03-Feb-2022