Technical Service Bulletin

Technical Service Bulletin: TSB210247	**Released Date**: 13-Feb-2023
Shipping Container Requirements for High Voltage Battery Pack Returns	

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Warranty Statement

The information in this document has no effect on present warranty coverage or repair practices, nor does it authorize TRP or Campaign actions.

Contents

Product Affected

- BES CM2450 EV101B
- BES CM0904 EV104B
- BES CM2450 EV105B
- BES CM2450 EV107B
- BES CM2450 EV110B

Description of Change

This document provides guidelines on when to use a safe high voltage battery shipping container (safety box) based upon the state of the high voltage battery.

Service Instructions

If a high voltage battery meets any of the following criteria, the high voltage battery pack will require a safe battery shipping container on an open air and dedicated transport:

- Visible external damage indicating it may have been in an incident
- Has been dropped
- Has evidence of an internal coolant leak
- Visually swelled or bulged
- Failed isolation checks
- Shows signs of deposits around the burst disc that may indicate venting

- State of battery pack is unknown (including, but not limited to, lack of isolation test results, inability to gather battery pack incident history and/or fault data, etc.)
- Cummins Inc. representative directs the use of a safety box

High voltage batteries that do **not** meet any of the above criteria or any product specific Cummins Inc. approved service documentation can be shipped in a standard shipping crate. Escalate through 1-800-CUMMINS if there is any question about which crate should be used. A lithium-ion certified shipping clerk is required for all high voltage battery shipments. Reference Primary Parts Communication (PPC) 5899 for additional details on the high voltage battery ordering and shipping process. Reference local health and safety guidelines for required high voltage battery quarantine procedures prior to shipping.

Document History

Date	Details
2021-11-4	Module Created
2022-2-15	Added BES CM2450 EV106C and BES CM2450 EV107B and mention of "on an open air and dedicated transport."
2022-3-16	Metadata check.
2023-2-10	Removed BES CM2450 EV106C and added BES CM2450 EV110B. Updated Service Instruction section.

Last Modified: 13-Feb-2023