Technical Service Bulletin

Technical Service Bulletin: TSB230193	Released Date: 06-May-2025
Fault Code 14314 During Charging	

Fault Code 14314 During Charging

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 EV109B

Issue

False occurrence of fault code 14314 is triggered and stop EV lamp is illuminated when vehicle is charging. Charging session continues even with fault code 14314 active and stop EV lamp illuminated.

Symptoms:

- Fault Code 14314

Root Cause:

- The fault code is falsely triggered due to the delay in stabilizing the isometer reading during charging initialization.

Verification

- If technician is at the vehicle:
  - Connect to data link 1 using Cummins Electronic Service Tool or equivalent.
  - Verify that Fault Code 14314 is active during charging.
- If technician is **not** at the vehicle (for Cummins® Distributors **only**):
  - See Service Bulletin, Remote Diagnostics Using Telematics, Bulletin 6502934 to access telematics data of the BES.
  - Verify that Fault Code 14314 is active during charging.

Resolution

- Verify that high voltage battery pack and OEM software are compatible with latest system control module (SCM) calibration revision.
  - See Service Bulletin, System Control Module (SCM) Calibration Reference, Bulletin 6590048 to verify that the latest calibration is compatible with the OEM and battery software.
  - If OEM or battery software is **not** compatible, contact OEM to update the software.
- Verify that the System Control Module (SCM) has the latest released calibration.
  - If **not**, update the SCM with the latest calibration.
- If the issue persists, follow technical escalation process.

Document History

Date	Details
2023-9-28	Module Created
2024-8-9	Updated Root Cause and Resolution section.
2024-12-5	Updated Issue section.
2025-5-6	Updated Resolution section.

Last Modified: 06-May-2025