

TOOL & EQUIPMENT BULLETIN



TOOL NUMBER: TSN00548-300-B

TITLE: HV BATTERY COMMUNICATION HARNESS

REV, DATE: A, 2-2-2026

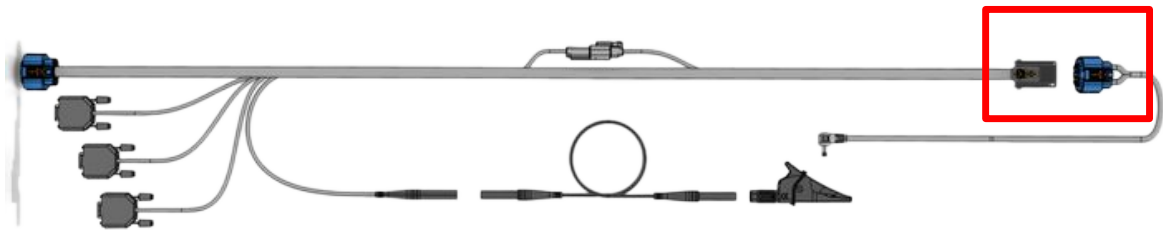
OVERVIEW:

A potential issue was identified with the external power adapter supplied with TSN00548-300-B - HV BATTERY COMMUNICATION HARNESS. This bulletin serves to notify the field and spread awareness of the issue, along with temporary and long term solutions.

PROBLEM STATEMENT:

The 24-way connector on the HV BATTERY COMMUNICATION HARNESS does not have an orientation key, and can be incorrectly mated to the external 12V stub or the discharger adapter when rotated 180 degrees from correct mating orientation.

This **results in reversed polarity** supplied to the HV Battery Management System (BMS), among other potential issues. In some scenarios, **this may cause irreversible damage to the BMS.**



SOLUTION

Short term - please refer to images below for proper mating orientation **when using the external power stub or the discharger LV adapter**. Ensure that the red locking tab is on the same side for both the male and female connectors in all scenarios.

Long term - Harness design is in the process of being updated to add the header frame that is used on the pack, ensuring proper mating orientation. Parts for retrofit will be shipped to service centers in the near future.

