

Power Converter Box Grounding

Date: March 12, 2009

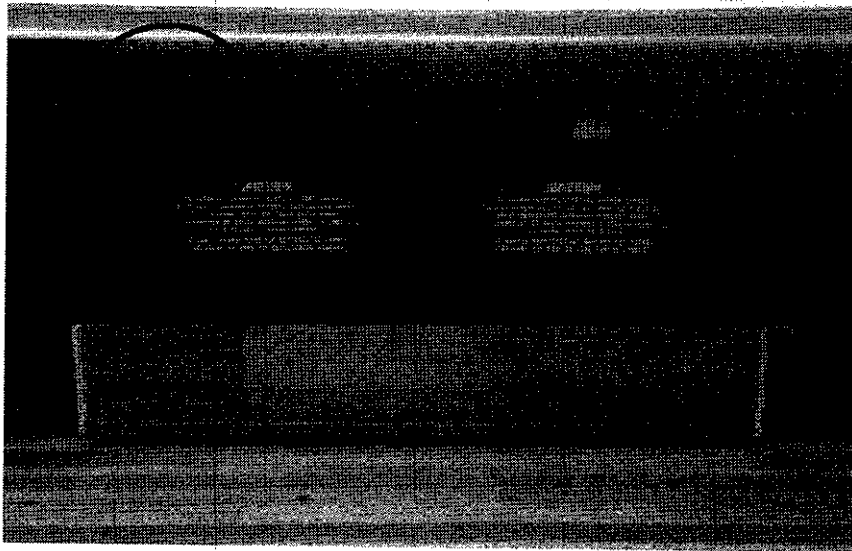
Applies to: All C5500, W-5, and F-650 Company Stores built before March 6, 2009.

Description:

The aluminum box that contains the power converter, inverter, isolator, and associated hardware is not fully grounded. This can be corrected by replacing the insulated ground stud with an un-insulated stud.

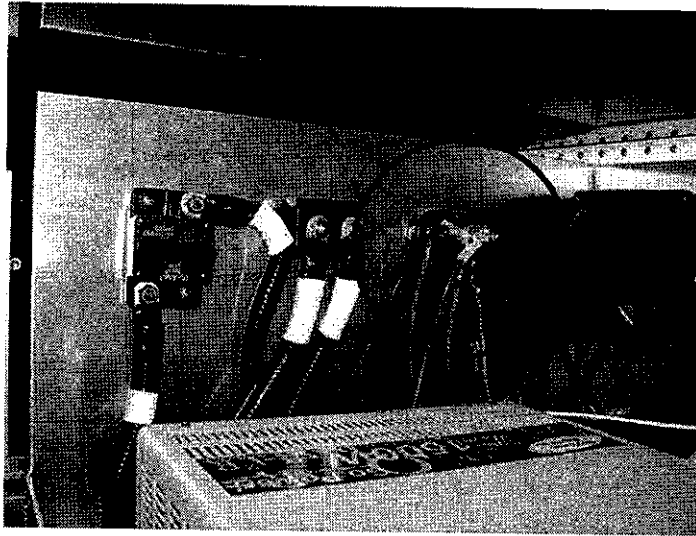
Directions:

1. Turn off all DC loads at the power distribution panel
2. Remove the carpeted battery access panel to expose the auxiliary batteries.
 - a. On a W5 model, this panel is located on the driver's side of the load space below the second set of shelves.
 - b. On C5500 and F-650 models this is located on the passenger's side below the first set of shelves. The panel is attached with hook-and-loop (commonly known as Velcro™).
3. Disconnect the negative battery cable from the Auxiliary batteries. The negative battery cable will be located on the left side of the batteries toward the wall (see photo). The negative cable will be marked with black shrink tube (positive battery cables are marked with white).



4. Remove the carpeted/vented panel to expose the power converter box.
 - a. On W5 models this panel is located on the driver's side just to the rear of the auxiliary batteries.

- b. On C5500 and F-650 models this is located on the driver's side, opposite of the batteries. This panel is also attached with hook-and-loop (commonly known as Velcro™).
5. Locate and remove the insulated ground stud.



6. Install the un-insulated stud. The mounting pattern is the same and should install exactly as the insulated one using the same hardware. Ensure all ground cables that were previously on the ground stud are replaced on the new stud.
 7. Replace the carpeted/vented panel for the power converter box.
 8. Replace the negative cable on the battery.
 9. Replace the carpeted battery compartment access panel.

Contact LDV with any questions, 1-800-558-5986.