



INVERTER HARNESS INSTALLATION FOR FREIGHTLINER CASCADIA

Part #: P808-1004FC

08/05/2014

Doc 1.04
INST065



INSTALLATION INSTRUCTIONS

Step 1: Unpack the plate assembly and both positive and negative cables.



Step 2: Insert the negative cable thru the plate assembly.



Step 3: Insert the positive cable thru the plate assembly.



Note: Do not tighten dome nut against the cables until the inverter is mounted and cables are connected.

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Step 4: The inverter will be mounted behind the passenger seat on the side of the storage closet.

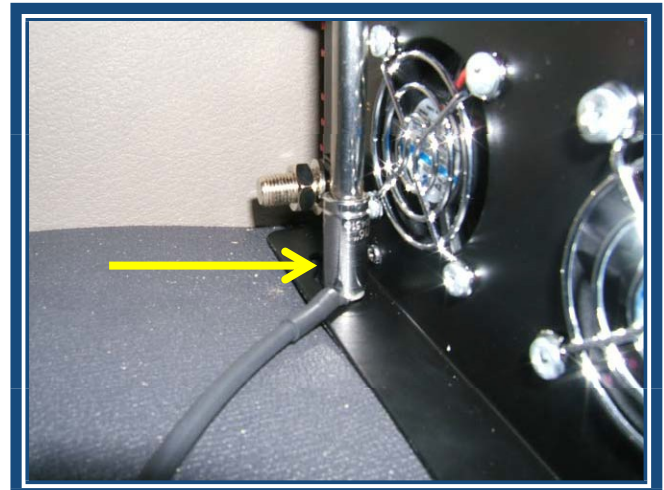


Step 5: The cable pass through flange will be located next to the inverter, this hole must be drilled in front of the seat belt mounting point (to avoid a cross member under the floor)
Center of the hole is 2 1/4" in from the side trim and 3" in front of the seat belts.
Use the supplied self-drilling screws and attach the pass through.



Note: Be sure and verify there is nothing under this location that could be damaged when the hole is drilled.

Step 6: Mount the inverter with self-drilling screws and connect the chassis ground.



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Step 7: Attach the input cables and Install the plastic input post protectors.

Note: Be sure to observe polarity, reversing these connections will cause major damage to the inverter.



Step 8: Route inverter cables to the next cross member back to avoid the exhaust pipe.

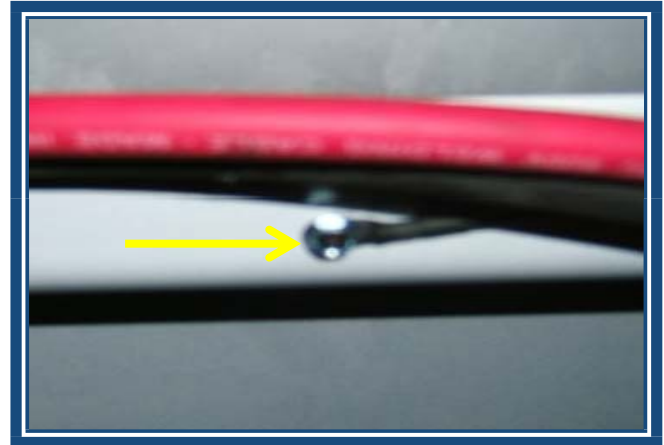


Step 9: Use a cable clamp in the middle of the cross member to prevent the cables from sagging.

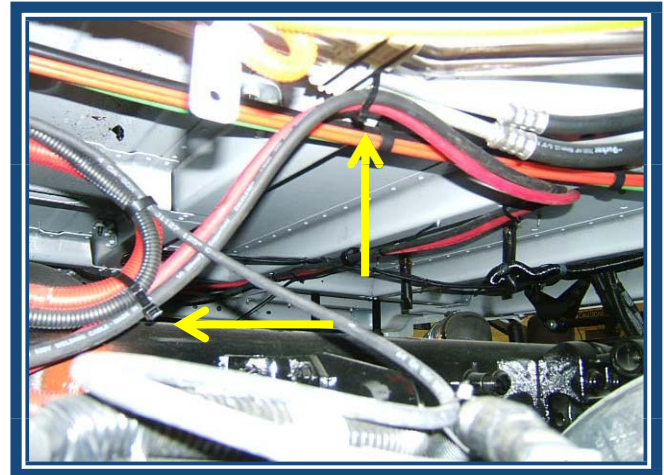


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Step 10: Attach the chassis ground screw to the cross member.



Step 11: Route the cables from the cross member to the battery box, make sure that the cables are securely fastened with cable ties.



Step 12: Use the included Fuse Cube assembly and attach the inverter positive cable to the battery positive.

Connect the inverter negative cable to the negative battery post.

Note: Due to the electronics used in inverters it is not uncommon for there to be a large spark when the last connection is made.



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Step 13: Picture of finished installation. Shown is application with a second dedicated Pure Sine Wave inverter for medical equipment that is powered off of the standard inverters input posts.



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REQUIRED INSTALLATION TOOLS

- Electric or cordless drill
- 3 1/2" hole saw and arbor
- 5/16 socket and holder for drill
- 7/16 wrench or socket
- 9/16 wrench or socket
- Channel locks

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LIMITED COMMERCIAL WARRANTY POLICY

Purkeys Fleet Electric, Inc. (hereafter "Purkeys"), warrants each product to be free of defects in material or workmanship under normal use and service. This warranty is for the benefit of Original Equipment Manufacturers, Dealers, Warehouse Distributors, Fleets, or other End Users (hereafter "Customers") and covers products manufactured by Purkeys and sold new to Customers either directly by Purkeys or by its authorized dealers, distributors, or agents. The length of the Warranty Period is 24 months.

The warranty period commences on the in-service or install date and is not transferable. Failure to provide the in-service or install date on the warranty claim form will cause the warranty period to begin on the date the part was manufactured or date of sale recorded on the original sales invoice, whichever is earlier.

A completed warranty claim form should accompany all parts submitted to Purkeys for consideration for repair or replacement under warranty. The submitted claim form should contain all of the information required. Lack of a properly or fully completed claim form will result in delay or denial of warranty claim. Claims must be submitted no later than 30 days after part is removed.

This warranty does not apply if, in sole judgement of Purkeys, the product has been damaged or subjected to accident, faulty repair, improper adjustment, improper installation or wiring, neglect, misuse, or alteration or if the product failure is caused by defects in peripheral vehicle components or components attached to the Product or failure of a part not manufactured by Purkeys.

This warranty shall not apply if any Purkeys product is used for a purpose for which it is not designed or is in any way altered without the specific prior written consent of Purkeys. ANY Product alleged by a Customer to be defective must be inspected by Purkeys as a part of the warranty claims process in order to confirm that the part has failed as a result of a defect in material or workmanship.

Transportation for products and parts submitted to Purkeys for warranty consideration must be prepaid by Customer. Repaired or replaced products and or components will be returned to Customer pre-paid by Customer or "freight collect" to the address provided by Customer in the warranty claim form. No charge will be made for labor or material in effecting such repairs.

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DATE: 08/05/2014

FREIGHTLINER CASCADIA PART#: P808-1004FC

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