



# PURKEYS

## P/N P808-1022FC INVERTER HARNESS INSTALLATION GUIDE

Doc 1.01  
INST085

**STEP 1**

The inverter will be mounted behind the driver's seat on the side of the cabinet. Mount the inverter with self-drilling screws and connect the chassis ground.

**STEP 2**

The cable pass through flange will be located between the battery disconnect and seat belt, this hole must be drilled in front of the seat belt mounting point. (This is to avoid the cross member under the floor)

**Note: Be sure and verify there is nothing under this location that could be damaged when the hole is drilled. There is a possibility an air-line is under the mat.**

**STEP 3**

Attach the input cables to the inverter and install the plastic post protectors. Route cables and chassis ground to the pass through flange and push cables through flange

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



**STEP 4**

Attach the chassis ground cable to a cross member using a self-drilling screw. Route the 1/0 cables to the battery box. Securing as needed with zip ties and clamps.

**STEP 5**

Route cables to the battery box. Install the 150 amp fuse cube to positive terminal of the battery. Install 1/0 red cable on fuse cube and tighten the nut.

**STEP 6**

Install 1/0 black cable on negative side of battery.

**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.



**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
- 13mm wrench or socket
- Channel locks

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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.

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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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