

Owner's Manual & Safety Instructions

Save This Manual Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures.

Write the product's serial number in the back of the manual (or month and year of purchase if product has no number).

Keep this manual and the receipt in a safe and dry place for future reference.

22h

VANGUARD®

125V LIGHT UP PLUG CONNECTOR



70070 Shown

70070
70073
70078
70072

When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-888-866-5797 as soon as possible.

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⚠WARNING

Read this material before using this product. Failure to do so can result in serious injury. SAVE THIS MANUAL.

Specifications

Item	70070	70073	70078	70072
Type	Female	Male	Female	Male
Rating	125V, 15A	125V, 15A	125V, 20A	125V, 20A
NEMA Configuration	5-15R	5-15P	5-20R	5-20P
Wire Capacity	12-18 AWG, 3-wire Grounding	12-18 AWG, 3-wire Grounding	12-18 AWG, 3-wire Grounding	12-18 AWG, 3-wire Grounding
LED Indicator	Yes	Yes	No	No

IMPORTANT SAFETY INFORMATION

TO PREVENT SERIOUS INJURY AND ELECTRIC SHOCK:

1. Disconnect power before connecting.
2. Inspect before connecting and every use. Do not use if parts loose or damaged.
3. Wear ANSI-approved safety goggles during installation.
4. Use as intended only. Do not expose to moisture or rain. Keep off ground.
5. Tighten all connections securely.

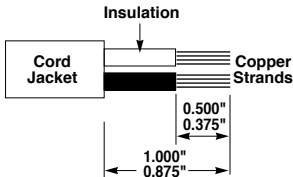


Figure A: Wiring Preparation

Wiring Instructions



Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this document including all text under subheadings therein before set up or use of this product.

WARNING

TO PREVENT SERIOUS INJURY AND DEATH FROM ELECTRIC SHOCK:

DEVICE TO BE INSTALLED BY QUALIFIED PERSON.

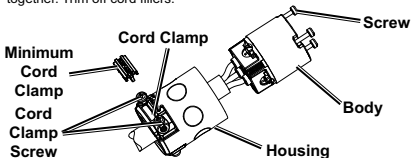
CONDUCTORS MUST BE DE-ENERGIZED BEFORE WIRING.

WARNING! TO PREVENT SERIOUS INJURY: Select proper wire size and type for load and application.

1. Loosen assembly screws and separate device. Loosen cord clamp screws to allow cord to fit between the two clamp halves.
2. Wiring Preparation
 - a. Insert cord through cord clamp and housing.
3. Insert bare copper wire into wire clamp and tighten each terminal screw 10-12 in-lb. torque.
 - a. **HOT** conductor to **BRASS** terminal
 - b. **NEUTRAL** conductor to **SILVER** terminal
 - c. **GROUND** conductor to **GREEN** hex screw
4. Ensure insulation clears clamp.
5. Assemble wired device body with housing. Align keyed housing with key on device's body. Tighten assembly screws.
6. Alternately tighten cord clamp screws 10-12 in-lb. torque. Ensure cord clamp rests over cord jacket, not over conductors.

NOTE: Remove the minimum cord clamp if the cord diameter is 0.391"-0.655".

- b. Strip cord jacket between 7/8" and 1" from cord's end. Remove insulation exposing between 3/8" and 1/2" bare copper wire. See Figure A
- c. Twist wire strands tightly together. Trim off cord fillers.



Limited 90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Record Serial Number Here:

Note: If product has no serial number, record month and year of purchase instead.

Note: 15A Female: 193175488558 (70070) 15A Male: 193175488589 (70073)
20A Female: 193175488640 (70078) 20A Male: 193175488572 (70072)

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