

TROUBLESHOOTING

Glendinning Shore Power Cord Sets are engineered to provide years of trouble free service. However, the marine environment can cause problems with even the best design devices. If problems can be detected while they are small, it can save the owner time and expense later on. The most common problem with electrical connections is overheating. Fortunately, overheating can be detected and quickly remedied. The following are precautions and solutions to extend the life of your Cord set:

- Before each use, examine the Plug end of the cord set. Look for discoloration or melting around the blades of the plug. Examine the receptacle at the Marina and look for discoloration, wear or deterioration around the slots.
- Overheating is generally caused by a few conditions
 - Corrosion of the metal blades or contacts in the cord set plug or dock receptacle.
 - Accidental Immersion in salt water.
 - Severely corroded blades or contacts are a result of exposure to a humid environment, especially with salt water. Corroded contacts do not make a good electrical connection and overheating will result.
- If there is considerable corrosion on the plug terminals or signs of overheating, the cord set or plug should be replaced immediately. These issues will not go away over time and need to be addressed before they get worse.

Warranty

PRODUCT COVERED BY THIS LIMITED WARRANTY: Molded Power Cordsets 044xx

1. GLENDINNING PRODUCTS, LLC. warrants to the original consumer purchaser that the Molded Cordset 044xx will be free from defects in material and workmanship under normal use and service for a period of one (1) year from the date of purchase.
2. This LIMITED WARRANTY applies to defects in material and workmanship. It does not apply to plated or painted finishes or to cord damage caused by inadequate cable storage area or installation not in accordance with GLENDINNING PRODUCTS, LLC. specifications.
3. This LIMITED WARRANTY is void if the product has been damaged by accident or unreasonable use, neglect, improper installation, or other causes not arising out of defects in material or workmanship.
4. To obtain performance of this LIMITED WARRANTY obligation the original purchaser should contact GLENDINNING PRODUCTS, LLC. for instructions concerning removal and shipping of the defective component. Upon compliance of the foregoing procedure all warranted defects will be repaired, or at GLENDINNING PRODUCTS, LLC. option, the complete unit replaced and returned to the consumer, shipping charges prepaid.
5. GLENDINNING PRODUCTS, LLC. does not assume the costs of removal and/or installation of the product or any other incidental costs which may arise as a result of any defect in materials or workmanship.

THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES. ANY WARRANTY IMPLIED BY LAW INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS, IS IN EFFECT ONLY FOR THE DURATION OF THE EXPRESS WARRANTIES SET FORTH IN THE FIRST PARAGRAPH ABOVE. NO REPRESENTATIVE OR PERSON IS AUTHORIZED TO GIVE ANY OTHER WARRANTY OR TO ASSUME FOR GLENDINNING PRODUCTS, LLC. ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF IT'S PRODUCTS. GLENDINNING PRODUCTS, LLC. WILL NOT BE LIABLE FOR ANY CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR INSTALLATION OF IT'S PRODUCTS.



! IMPORTANT !
READ THESE INSTRUCTIONS BEFORE USING THIS PRODUCT.

! WARNING !
Electrical shock and fire hazard. Failure to follow these instructions may result in injury or death.

OPERATING INSTRUCTIONS

For connection and disconnect of Shore Power Cord set, follow the instructions below. These are per American Boat and Yacht Council (ABYC) E-11 standard.

Connection

- Turn off boat's shore power connection switch/breaker before connecting the Cord set.
- Connect the cord set to the boat first. (If utilizing Glendinning's Cablemaster System, the cable is already connected to the boat's power panel.)
- Next connect the Cord set plug to the dock power post receptacle. Align and fully insert plug into power post receptacle and then twist plug clockwise to lock it in place.
- NOTE: If the boats reverse-polarity indicator become active, immediately disconnect cord set. Repair the polarity on the shore power source.

Disconnection

- Turn off boat's shore power connection switch/breaker before disconnecting the cord set.
- Disconnect the cord set at the dock power post.

USAGE

- Make sure cable is strain relieved and has enough slack to allow for tide changes.
- Do not walk, roll, drag or place object over cord set
- Do not remove, bend or modify any metal prongs or pins of plugs of cord set
- In case of water immersion of cord set plug, immediately shut down power source and disconnect cord set. Follow instructions on page 3.
- If unfamiliar with electrical cord sets or circuits, consult a qualified electrician.
- Inspect cord set thoroughly before each use. **DO NOT USE IF DAMAGED.**
- Look for signs of corrosion or overheating.
- Examine ends of cord set, face of inlet on boat, and receptacle on dock. Look for corrosion, discoloration or melting. If evidence of corrosion or overheating is present, **DO NOT USE** and replace item or seek qualified help.
- Turn off boat's shore connection switch before connecting or disconnecting.
- If boat is equipped with a polarity indicator which activates, disconnect cord set and correct polarity.
- If connecting cordset to another cordset use a sealing collar to seal connection water intrusion (Marinco PN# 510R Glendinning PN# 99417).

PRODUCT CARE

The Glendinning Molded Cord set is design for rugged use and all parts are made to resist corrosion. But in a salt water environment, the product reliability and use can be increased by simple cleaning. The power cable and molded plug should be cleaned using fresh water and any household grease cutting dishwashing soap. The plug connector terminals can be wiped clean with fresh water and soap and then sprayed with a moisture displacement/ electrical contact spray.

Regular inspection of the cord set is recommended. Look for kinks, cuts, attachment of molded plug, plug terminals, signs of salt water corrosion (green areas), discolored plastic (overheating) and anything else not normal. If anything is found, replacement of the cord is recommended.

PRODUCT CARE (continued)

Accidental immersion in water

If the plug end ever gets accidentally dropped in the water (Fresh or Salt), various measures should be taken.

Fresh water - If the plug is dropped in fresh water, then the plug should be thoroughly rinsed in purified fresh water. Then shaken or blown out with pressurized air and then allowed to dry. Spray with a moisture displacement/electrical contact solution before re-use.

Salt Water - If the plug is dropped in salt or brackish water, then depending on the salt content of the water and how long it was immersed do the following:

- For a quick drop in the water or splashed with salt water, the plug should be thoroughly rinsed in purified fresh water. Then shake or blow out any excess water in the plug and allow to dry. Then spray with a moisture displacement/electrical contact solution before re-use.
- For a longer drop in the water, it is recommended to replace the cord set or cut the plug end off and install a "bolt on" plug. This plug can be purchased through Glendinning or most any marine store.

Also, it is also recommended to apply Dielectric Silicone Compound or Grease to the plug terminals which will fight oxidation and to improve conductivity. Dielectric grease is available at most marine supply stores.

! WARNING !

Serious injury or death COULD occur along with property damage if proper attention is not observed