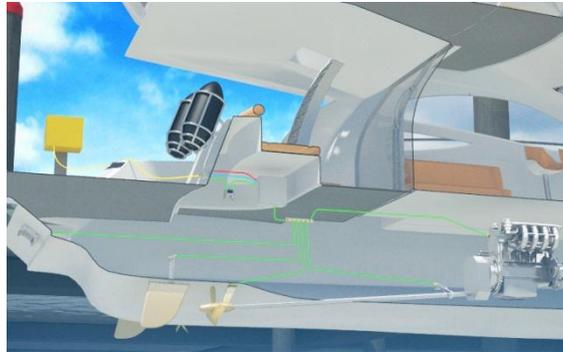




Marine Protection Systems

## SHAFT GROUNDING STRAP



### Fitting Instructions:

1. Remove all components from packaging.
2. Remove pin from hull mount and attach bonding wire eyelet. Reinsert pin to hull mount and ensure the bonding wire is secured.
3. Measure out suitable distance to attach hull mount with reference to maximum distance requirements.
4. Secure hull mount to inside the hull. The location of the hull mount, strap arm and braided strap must be clear of rotating couplings and other hazards.
5. The shaft surface where the braided strap is in contact must be smooth and clean of any residual materials.
6. Lubricate shaft surface area where the braided strap is to be connected with petroleum jelly
7. Lubricate the contact area of the braided strap with petroleum jelly.
8. Do not use marine grease or other lubricants which can contain cutting agents.
9. Wrap braided strap around the shaft

ensuring that the rotation of the shaft when in forward drive does not pull against the spring. Attach the stainless steel spring to the strap arm bar at one of the arm bar holes to ensure connection of the strap.

10. There are numerous arm bar holes available to connect the spring hook. When attaching the spring to an arm bar hole, ensure that strap is installed as per the images below.



11. Once satisfactory connection has been made to the arm bar connect the other end of the bonding wire (connected at one end to the hull mount) to the braided strap eyelet with the supplied bolt, washers and nut.
12. The bonding wire will be connected at the hull mount and braided strap eyelet.
13. Connect a bonding wire from an unused hole on the strap arm bar to the vessel bonding system.
14. It is recommended that the fitted Shaft Grounding Strap is tested for connection to the vessel bonding system with

reference to an Ag/AgCl electrode.

15. Attach plastic tag to spare hole on arm bar.

**Maintenance Instructions:**

1. Ensure that the Shaft Grounding Strap maintains surface contact with the vessel shaft.
2. Ensure that the Shaft Grounding Strap braided strap is not over tightened when regularly inspected.
3. Ensure the braided strap and shaft surface is lubricated with petroleum jelly where the shaft strap is in contact with the shaft.
4. Regular inspection of the Shaft Grounding Strap and reapplication of petroleum jelly is required. Users will need to determine the regularity of application depending on frequency of vessel use and other factors (such as the cleaning of the engine room can wash away the lubricant).
5. Installation and maintenance not in accordance with the manufacturer recommendations will void warranty.
6. Retain instructions for further use and reference.
7. Return warranty card to the supplied address.

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