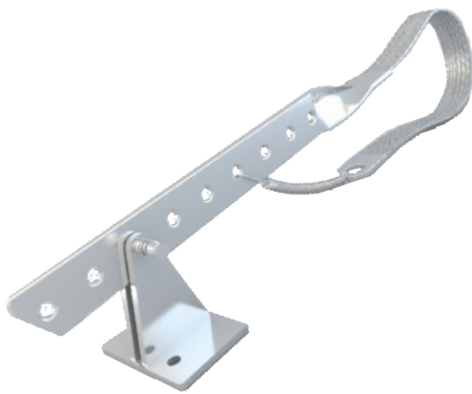


Shaft Grounding Strap



Marine Protection Systems



Features

- ✓ Spring tension for easy installation and use
- ✓ Unmatched surface area connection to shafts
- ✓ Tinned copper braiding strap and back up bonding connection.
- ✓ 316 marine grade stainless pivot arm and mount
- ✓ 11 positioning holes to suit most drive shafts
- ✓ Spring loaded locking pins for easy adjustment

Description

Product Code MPS.SS07

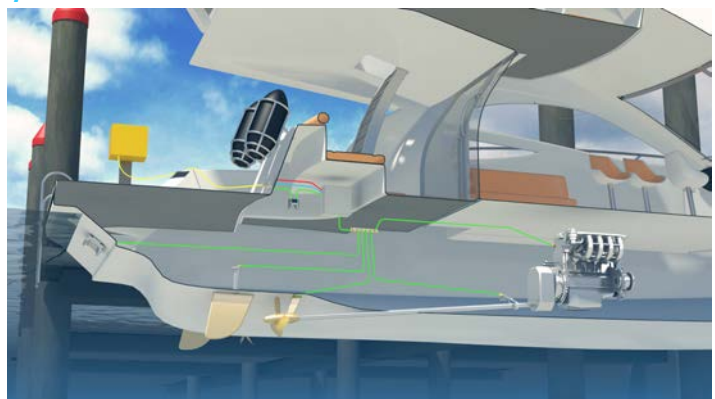
The MPS Shaft Grounding Strap uses the highest quality marine grade stainless steel and tinned copper braid in a unique design that maximises the connection to a vessels drive shaft(s). The MPS Shaft Strap is simple to install, has very few moving parts and can be easily serviced. The petroleum jelly supplied provides non cutting lubrication between the shaft and strap. The Shaft Strap can be retro fitted at any time or installed by a boat manufacturer

- ✓ Proper fitting of an MPS Shaft Grounding Strap eliminates the need for shaft anodes.

MPS Shaft Grounding Strap in a Bonding System

A vessel bonding system connects each of the submerged metal parts allowing their individual electrochemical potential to be grounded via the circuit.

The Shaft Grounding Strap is installed to provide an efficient connection between shafts and the bonding circuit. Your transom mounted Maddox anode is also connected to this circuit which enables it to sacrifice itself and protect the submerged metal parts.



please visit us at: www.marineprotectionsystems.com.au



Installation Instructions

Shaft Grounding Strap should only be installed by persons competent in fitting, maintenance or repair of marine vessels.

- ✓ Ensure all component parts are available.
- ✓ Find a location on the exposed stainless steel shaft which is free from any rotating parts or couplings and in close proximity to a suitable hull or other mounting location. The mounting bracket must be affixed with screws and the direction of the shaft rotation when in drive must be considered (see below).
- ✓ Clean the shaft with a dry soft cloth to remove any residual material.
- ✓ Wrap the braided strap over the shaft in the same direction as the shaft rotation when in drive.
- ✓ Ensure the strap is not over tightened. Strap should have greater than 50% connection to the circumference of the shaft.
- ✓ Mark the hull through the holes in the hull mounting bracket.
- ✓ Drill and secure the hull mounting bracket. Use a flexible adhesive to help secure the screws.
- ✓ Apply petroleum jelly supplied to lubricate the shaft strap. Do not use lubricants containing cutting agents such as marine grease or oil.
- ✓ Attach spring provided in to one of the 11 available holes to allow slack tension to the strap (see MPS website).
- ✓ Connect one end of the bonding wire (included) to the end eyelet of the shaft strap with the nuts, and bolt provided.

- ✓ Connect the other end of the bonding wire to the hull mount via the spring loaded locking pin.
- ✓ Ensure connection to the greater Vessel Bonding System.
- ✓ Attach the installation and warranty tag to another spare hole on the strap bar.

MPS recommend that the shaft Grounding Strap be tested for connection by a qualified Marine Electrician using the MPS CP Monitoring and Testing Kit.

Maintenance Instructions

- ✓ A visual inspection of the strap should be carried out regularly and the petroleum jelly re-applied during periods of frequent use and/or after bilge clean and mechanical maintenance.
- ✓ Fitting or maintenance not in accordance with MPS recommendations will void any product warranty.

Further installation and warranty instructions can be obtained from the MPS website.

www.marineprotectionsystems.com.au

12 Month Manufacturer's Warranty

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