

# HARKEN®

## INSTALLATION SHEET

### 1634 Midrange/Cruising ESP Stand-up Base

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**WARNING!** Strictly follow all instructions to avoid an accident, damage to your vessel, personal injury or death. See [www.harken.com/manuals](http://www.harken.com/manuals) for additional safety information.

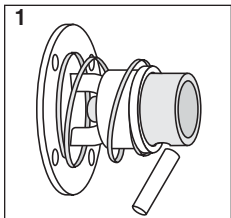


**WARNING!** To achieve maximum working load of base, mount as shown on reverse side, using 1/4" (6 mm) SS screws, washers and locknuts in all four (4) holes. Maximum working load of block fitted to base is limited to maximum working load of base.

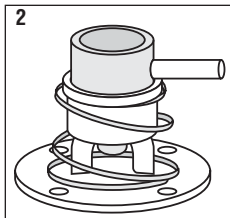
Base Maximum Working Load

3500 lbs (1587 kg)

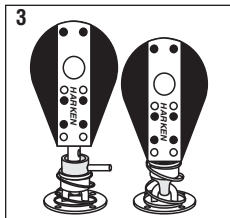
**Install block on base before mounting base to deck**



1. Hold base on side, bottom facing you. Compress spring cup so clevis pin drops out.



2. Put base on flat surface and press spring cup down. Insert clevis pin in hole only thickness of first cylinder wall.



3. Insert block so post hole aligns with clevis pin in base. Push clevis pin in until spring cup snaps in place.

**IMPORTANT: Mount base so load is inline with padeye bail**



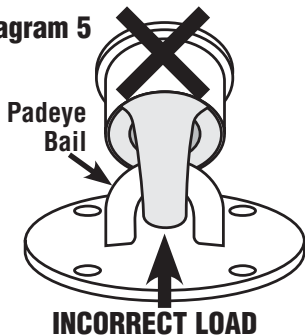
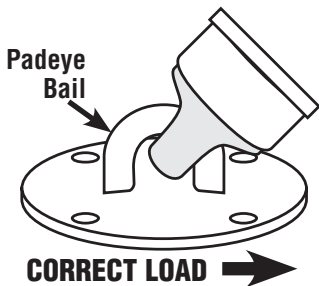
**WARNING!: Do not install base so loading is sideways to padeye bail (Diagram 5). Mounting base incorrectly can lead to product failure.**

**CORRECT**

**INCORRECT**

**Diagram 4**

**Diagram 5**



## Maintenance

Harken equipment requires minimal maintenance, but some is required to give the best service and to comply with Harken's limited warranty.

It is important to keep equipment clean by frequently flushing with fresh water. In corrosive atmospheres, stainless parts may show discoloration around holes, rivets and screws. This is not serious and may be removed with a fine abrasive.

**IMPORTANT! Exposure to some teak cleaners and other caustic solutions can result in discoloration of part and is not covered under the Harken warranty.**

## Warranty

For additional safety, maintenance and warranty information see [www.harken.com/manuals](http://www.harken.com/manuals) or the Harken® catalog.