

**SEASTAR™**

## SPORT PLUS TILT MECHANISM REPLACEMENT, Part #HA6423

### **⚠ WARNING**

This kit is designed to replace the tilt portion of a SeaStar Sport, or SeaStar Sport Plus helm pump. In ALL cases, the tilt mechanism, dash plate and ALL mounting hardware included with this kit is to be used. DO NOT use any of the older parts that you will be removing.

### **SeaStar Sport and Sport Plus Tilt Mechanism Removal**

(Refer to figures A and A1 on page 2)

1. Remove steering wheel.
2. Remove decorative covers.
3. Turn steering wheel shaft to that you can view the socket head screw (item 7) holding the tilt mechanism to the helm pump shaft. (Refer to figure A1.)
4. Remove socket head screw that is “closest” to the helm pump.
5. Slide the tilt mechanism off of helm pump wheel shaft.

### **NOTICE**

*If tilt mechanism is difficult to remove, loosen but do not remove the 2nd socket head screw. (Refer to figure A1.)*

### **NOTICE**

*The following step will require the helm dash plate to be removed. Measures MUST be taken to support the helm pump when the plate is removed.*

6. Remove 4 HHCS bolts (item 5).
7. Remove 3 carriage bolts, nuts and washers (items 2, 3 and 4).

### **⚠ CAUTION**

**Ensure that the helm pump AND the helm filler tube are supported to prevent damage to either the helm and/or filler tube.**

### **SeaStar Sport Tilt Mechanism ONLY Installation**

(Refer to figures A and A1 on page 2)

1. Using the 3 carriage bolts, nuts and washers (items 2, 3 and 4) secure the NEW dash plate (item 16), to the dash. Torque to 160–180 in/lb.
2. Fasten the helm pump onto the NEW dash plate (item 16) using the 4 bolts (item 5) provided in the kit. DO NOT exceed 110 in/lb. on bolts.

### **NOTICE**

*You **MUST** use the NEW dash plate provided (item 16) for this installation.*

### **SeaStar Sport and Sport Plus Tilt Installation**

(Refer to figures A and A1 on page 2)

1. Attach helm shaft to the tilt mechanism (item 6) by lining up the coupling slot with the helm shaft tongue and secure with the one 10–24 NC x 7/8” bolt (item 7). Torque **BOTH** bolts to 20–24 in/lb. (Refer to figure A1.)

### **NOTICE**

*If the helm pump shaft is difficult to locate into the tilt mechanism coupling, loosen the TOP screw in the coupling by **NO MORE** than 1/4 of a turn. Ensure that this screw is fully tightened before installing the bezels.*

2. Install and tighten the two PHMS 5/16” NC x 3/4” screws (Item 8) and the star washers (Item 9) to secure the tilt mechanism to the dash plate. Torque to 160–180 in/lb.

