

*SeaStar*<sup>®</sup>

## BOATS FITTED WITH POWER ASSISTED HYDRAULIC STEERING

This bulletin informs you of a possible issue related to the performance and maintenance of your SeaStar Power Assist System. If you notice that the steering characteristics have changed (i.e. smoothness/effort changes, response at the wheel changes or becomes sticky) you need to contact your dealer for service. Changes to steering characteristics may be an indicator that water has entered the hydraulic steering system. **if left un-serviced, this may result in the steering becoming compromised or difficult to operate.**

**Contact your dealer if you experience either of these:**

- 1 Inconsistent or sticky steering (not performing as previous or as expected).
- 2 Steering cylinder is leaking/weeping oil.
  - Look for damaged cylinder seals or pitted/corroded/marked up cylinder shaft.

**Note:** If signs of water presence exist, the system may require component replacement and a complete flush of the system with new SeaStar hydraulic fluid.

Please use caution when servicing your system (i.e. purging the system of air) or adding components such as an autopilot pump, as it is quite possible to inadvertently introduce contaminants such as water or debris into the system during these events.

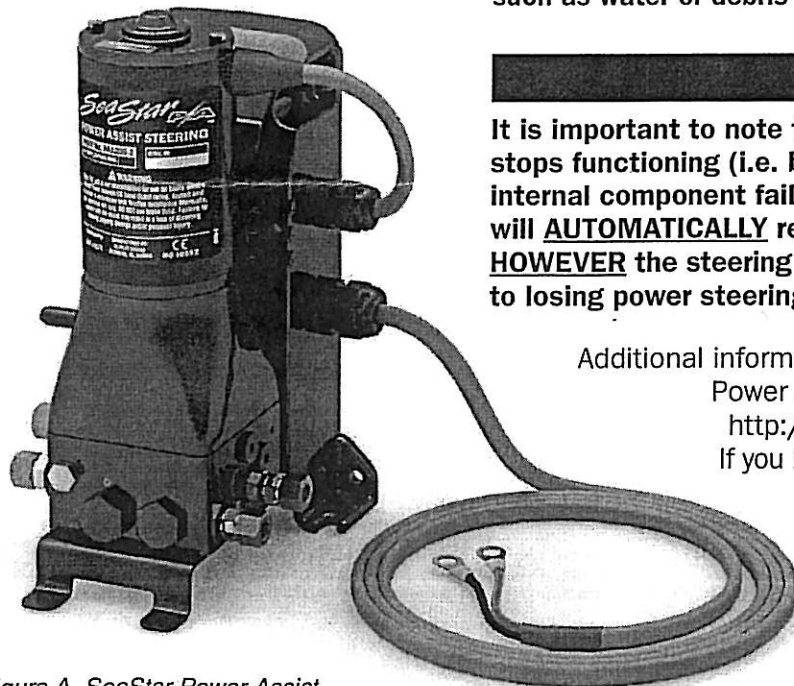


Figure A. SeaStar Power Assist.

### **⚠ CAUTION**

It is important to note that if the Power Assist steering system stops functioning (i.e. blown fuse/breaker, low battery voltage, internal component failure, etc.) the internal safety features will **AUTOMATICALLY** revert back to manual hydraulic steering, **HOWEVER** the steering effort will increase substantially (similar to losing power steering in a motor vehicle).

Additional information for purging and troubleshooting your Power Assist steering system can be located at:  
<http://ww2.seastarsteering.com/SPAmanuals/>  
If you have any questions or concerns, please feel free to contact our Technical Services Department at 604-248-3858.