



**SEASTAR™**

# TOURNAMENT CYLINDERS

SeaStar Solutions have become aware of a few isolated cases where the SeaStar Tournament Cylinder can develop an internal bypass and cause the steering to become unresponsive. This has been traced to a manufacturing process variation. Although it is very rare, this condition typically presents itself on boats that have not been used for a period of time. If this issue has occurred, it should be detected when a steering response check is performed prior to departure (as outlined in your manual, noted on the product decal, and shown in figure C).

## NOTICE

*Steering is a critical component for boat control. SeaStar Solutions provides many safety recommendations including system checks and general maintenance in our manuals, and on the product decals. These should always be followed to help you have an enjoyable and safe boating experience.*



Figure A. SeaStar Tournament Cylinder.

## How to determine if your Tournament Cylinder is affected

Part No.	Date Code
HC6845/45S/50	Lower than 16344

Table A. Refer to figure A and B.

1. Inspect cylinder Part Number and Date Code. If your cylinder falls into the affected list shown in Table A, proceed to step 2.
2. Perform a steering response test. If the steering system is unresponsive (i.e. the helm is turned and the cylinder(s) do not move), please contact SeaStar technical support to exchange the replacement cylinder sub assembly.

For multiple engine applications which are exhibiting the issue described above, we will need to isolate which cylinder is causing the issue. Our technical service representatives are available to assist.

## ⚠ WARNING

**If the problem exists on a boat, steering will be compromised and needs immediate attention. If it occurs only in one cylinder, the entire steering system will become unresponsive.**



MADE BY:  **SEASTAR SOLUTIONS** RICHMOND, BC, CANADA

**OUTBOARD MOTOR STEERING CYLINDER  
PART # HC68xx, 13.8 MPa (2000psi) MAX.**

ISO10592  
**ABYC** CE  
Patent No. 8430702

**PRIOR TO EVERY USE:**

1. Check fluid level in highest helm pump (consult owners manual).
2. Verify immediate steering response when turning steering wheel(s).
3. Inspect all steering hoses and fittings for wear, kinking and/or leaks.
4. Check for binding, loose, worn or leaking steering components.

**DO NOT** operate boat if any component is not in proper working condition.

**INSTALLATION, USE AND MAINTENANCE:**

1. Ensure steering cylinder is compatible with outboard engine and U.S.C.G. ratings.
2. Interference with any object **MUST** be corrected prior to use (consult installation manual).
3. Maintain steering system at a minimum of twice per year.
4. Refer to your Owner's Manual for important safety information.

**⚠ WARNING**

Failure to adhere to these warnings may result in loss of steering control, leading to possible ejection from vessel causing property damage, personal injury and/or death. [www.seastarsolutions.com](http://www.seastarsolutions.com) 828066

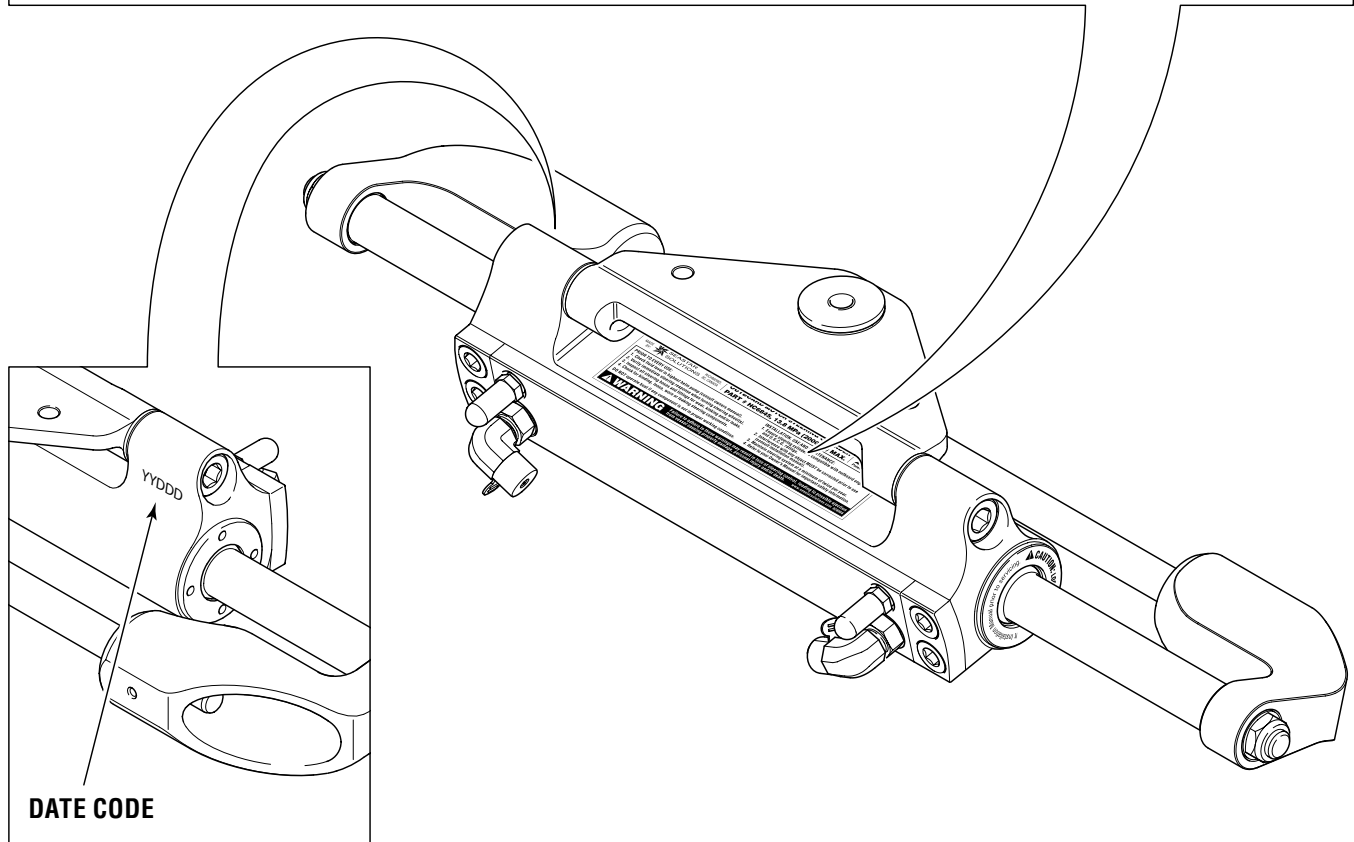


Figure B. Location of date code.

Figure C. Location of product decal showing Part No. and outlining system checks.

## Contact Information

Contact SeaStar through e-mail at:  
[Marine.Warranty@seastarsolutions.com](mailto:Marine.Warranty@seastarsolutions.com)  
Or by phone at: (604) 248-3858.

SeaStar will provide you with a RGA (Return Goods Authorization) number to return your cylinder and will send out a replacement service cylinder, part # HC6860/61.