

IF USING 3/8" ID OR 5/16" ID HYNAUTIC HOSE WITH THIS SEASTAR HELM PUMP

Please be aware of the following:

⚠ WARNING

DO NOT use Teflon Tape.

NOTICE

DO NOT apply any sealant of any kind to the "hose" side of the fitting.

The fittings enclosed with this SeaStar Helm Pump are for use with a **5/16" ID SeaStar Hose or 3/8" OD Nylon Tubing ONLY**.

If using 5/16" ID or 3/8" ID Hynautic hose, a separate Hynautic fitting kit is required (purchased separately).

Examples of a typical Hynautic installations are shown in Figure A and Figure B. Installations may vary, please confirm what parts are required for your application before proceeding.

Installation of new fittings:

- Remove shipping plugs from helm pump.
- Apply a "LIQUID" Teflon based pipe sealant to the threads being installed into the helm pump.
- Install fitting **HAND-TIGHT**.
- Using a wrench, tighten an additional 1.5 turns.
- Continue to tighten until desired orientation is achieved.

Figure A.

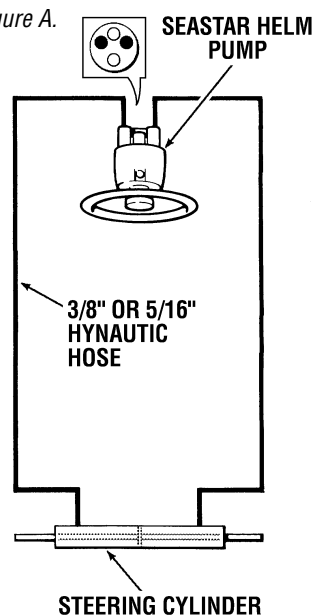
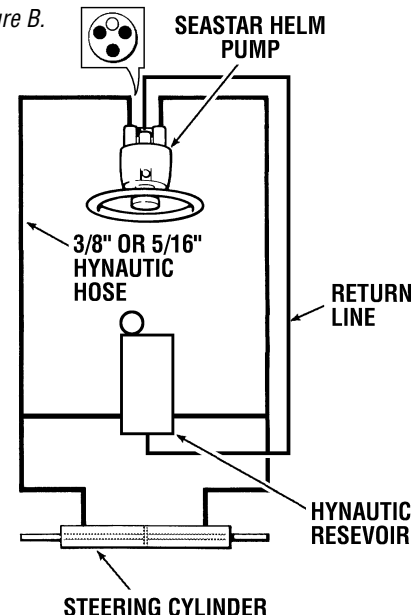


Figure B.



HYNAUTIC FITTING KIT#	QTY.	PART#	DESCRIPTION	REFER TO FIG.
HF-05	2	690051	Elbow: For use with the "P" and "S" ports and either the 3/8" or 5/16" ID Hynautic Hose.	A & B
	1	690011	Straight Fitting: For use with 3/8" ID or 5/16" ID Hynautic Hose Return Line.	B
	1	691061	Straight Fitting: For use with 3/8" OD Tubing Return Line.	B
	1	285621	Straight Fitting: For use with 1/4" Copper Tube Return Line.	B

⚠ WARNING

DO NOT use ANY Hynautic hose or tubing with SeaStar Pro Helms. DO NOT attempt to connect 45° flare hydraulic hose fittings with the fittings supplied with the SeaStar Helm Pump. Failure to comply with the above may result in loss of steering causing property damage and/or personal injury.