

SeaStar Hydraulic Steering

How to Measure Hydraulic Hoses

"Measure Twice. Order Once."

New Installation:

Measure hose routing path from wheel center line to engine connection, as follows:

- A = Center line of wheel to gunwale (or deck, if routed downward),
- B = Dash to transom,
- C = Gunwale to centerline of cable connection at centered tiller.

Most cylinders move with the engine/rudder; enough slack must be left in hoses/tubing to prevent sharp bends (less than 3" radius) and/or kinking.

Where rigid tubing is used, flexible hoses must be installed between tubing and cylinder, to allow cylinder articulation.

For Most Cylinders, add A, B & C + 24", round up to next even foot. Order that length hose kit, or twice that length in tubing.

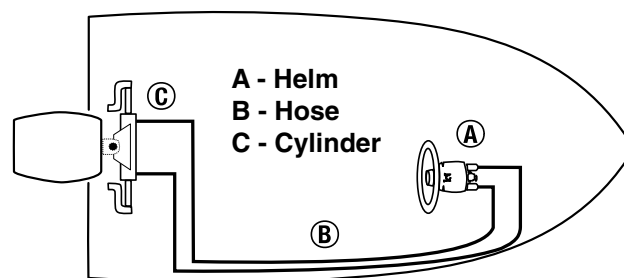
Hose routings (such as those found on pontoon boats) may vary from this drawing. Confirm length by laying a garden hose along cable path and measure run from wheel to engine connection point.

Replacement of Hydraulic Steering:

If you removed the old hoses, measure for replacement hoses as follows:

Measure existing hose from tip to tip, round up to next even foot. Order that length hose kit, or twice that length in tubing.

TYPICAL SINGLE STATION ROUTING



A single, front-mount outboard cylinder system is shown in this diagram.

If your hydraulic system is different than the one depicted and/or you have any questions about hydraulic steering after reviewing this guide, please contact Teleflex (Canada) Technical Service at (604)-270-6899 or www.teleflexmarine.com.

Replacement of Mechanical (Cable) Steering:

If you removed the old cable, measure for replacement hoses as follows:

Measure existing Steering Cable tip to tip, round up to next even foot, add two feet.

Order that length hose kit, or twice that length in tubing.

NOTE: SeaStar Hose Kits are sold in two-foot increments. A Hose Kit includes two hoses with pre-assembled fittings. BayStar 20' and 30' tubing kits are offered; cut to desired length.