

POWER & CONTROL

SEASTAR TOURNAMENT SERIES CYLINDERS & ADJUSTABLE TIE BAR

Extreme heavy duty cylinders and tiebars designed for primarily high performance multiple engine applications. Also available for single engine applications.

ROBUST
DESIGN

SUPERIOR
CORROSION RESISTANCE

SMOOTH
ARTICULATION



Mobile living made easy.

DOMETIC OUTDOOR

DESIGNED FOR HIGH PERFORMANCE ENGINE APPLICATIONS



Features

- Suitable for use with all SeaStar Helms & SeaStar Power Assist
- Heavy duty universal cylinder
- Bolt on stainless steel tie bar plates, also reversible (patent pending)
- Robust design with heavy duty support brackets, barrel, shaft & seals
- Superior corrosion resistance
- New pivot plate design provides smooth articulation and a sealed joint (patent pending)
- Heavy duty adjustable tie bar (patent pending)
- Equipped with stainless steel adjustable o-ring sealed elbow fittings which can be easily orientated in any direction

ORDER INFORMATION

CYLINDERS

PART NO.

Outboard Tournament Series Cylinder, Front Mount

HC6845

Outboard Tournament Series Cylinder, Front Mount, c/w Single Engine Hardware Kit

HC6845S

TIE BAR

Tournament Series Tie Bar, Small

HO6820

Tournament Series Tie Bar, Medium

HO6821

Tournament Series Tie Bar, Large

HO6822

Tournament Series Tie Bar, X-Large

HO6823

Tournament Series Tie Bar, XX-Large

HO6824

HARDWARE

Tournament Series Hardware Kit Twin Engine, Single Cylinder STBD

HA6802

Tournament Series Hardware Kit Twin Engine, Dual Cylinder

HA6804

Tournament Series Hardware Kit Triple Engine, Dual Cylinder

HA6806

Tournament Series Hardware Kit Quad Engine, Dual Cylinder

HA6811

FITTING/SERVICE

Elbow Fitting Service Kit

HF6004

ORB Tee Fitting Kit

HF6005

Gland Service Kit

HP6160

Support Rod Service Kit

HP6161

Support Bracket Service Kit

HP6162

DESIGNED FOR HIGH PERFORMANCE ENGINE APPLICATIONS

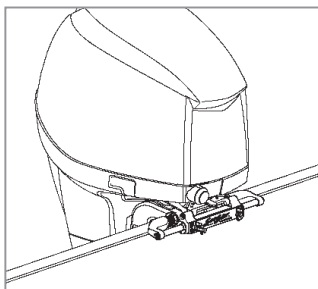
Application Guide - All Engine Makes - 200+Hp

CONFIGURATION	CYLINDER		HARDWARE KIT		TIE BAR				NOTES
	PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.	CENTER TO CENTER (IN.)	CENTER TO CENTER (MM)	
Single Engine - Single Cylinder	HC6845	1	HA6801	1	N/A	N/A	N/A	N/A	1
Twin Engine - Single Cylinder (Starboard)	HC6845	1	HA6802	1	HO6821 HO6822 HO6823 HO6824	1 1 1 1	25.0 - 25.6 25.7 - 30.6 30.7 - 39.4 39.5 - 54.0	635 - 650 653 - 777 780 - 1001 1003 - 1372	1,3,4,5 1,3,4,5 1,3,4,5 1,3,4,5
Twin Engine - Dual Cylinder	HC6845	2	HA6804	1	HO6820 HO6821 HO6822 HO6823 HO6824	1 1 1 1 1	25.0 - 26.5 26.6 - 29.3 29.4 - 34.2 34.3 - 43.0 43.5 - 58.0	635 - 673 676 - 744 747 - 869 871 - 1092 1105 - 1473	1,3,4,5 1,3,4,5 1,3,4,5 1,3,4,5 1,3,4,5
Triple Engine - Dual Cylinder	HC6845	2	HA6806	1	HO6822 HO6823 HO6824	2 2 2	25.0 - 27.9 28.0 - 36.0 36.0 - 51.0	635 - 709 711 - 914 914 - 1295	1,2,3,4,5,6 1,2,3,4,5,6 1,2,3,4,5,6
Quad Engine - Dual Cylinder	HC6845	2	HA6811	1	Consult Dometic Technical Service				1,2,3,4,5
Quintuplet Engine (Plus)	Consult Dometic Technical Service								1,2,3,4,5

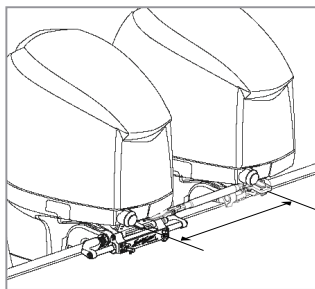
Important: Each configuration requires a hardware kit and tie bar kit(s), with the exception of the single engine configuration.
Note: The Kicker Cable Tiebar will ONLY work with SeaStar HC5345, HC5358 and HC5348 steering cylinders.

Engine Configurations

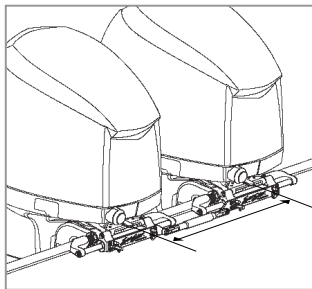
SINGLE ENGINE - SINGLE CYLINDER



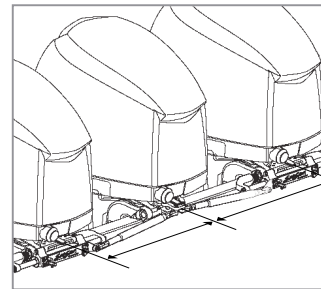
TWIN ENGINE - SINGLE CYLINDER



TWIN ENGINE - DUAL CYLINDER



TRIPLE ENGINE - DUAL CYLINDER



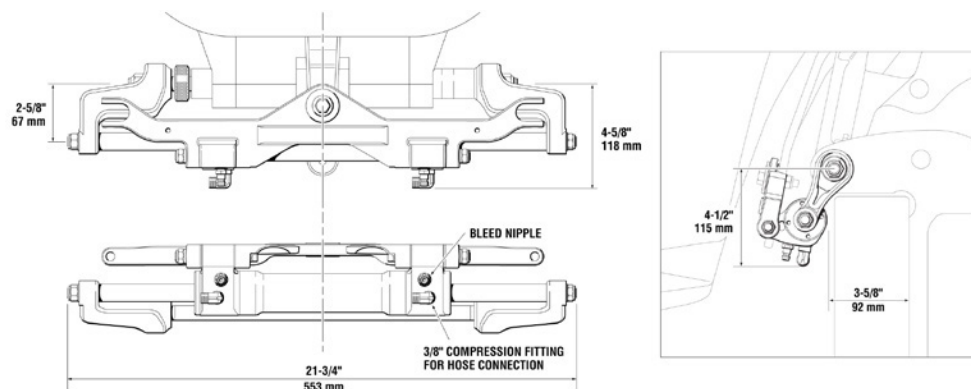
Installation Notes:

- 1) Installation may vary according to the following factors: engine mounting height, transom thickness, use of transom savers, tiller bolt hole location, engine tilt range, and engine size.
- 2) For center engine drops greater than 3 inches (76mm), please consult Dometic Technical Service.
- 3) Tie bar length may vary depending on toe in/toe out setup. To allow for toe, add or subtract from your nominal engine center to center distance.
- 4) Based on recommended engine manufacturer minimum center to center distances. Deviating from these recommendations may require stroke limiting cylinders and/or engine tilt limiting, please consult Dometic Technical Service.
- 5) Cylinders must be plumbed in parallel only, no series connections. Only exception is if cylinders are utilizing a liquid tie bar.
- 6) Maximum drop \leq 3 inches (76mm).

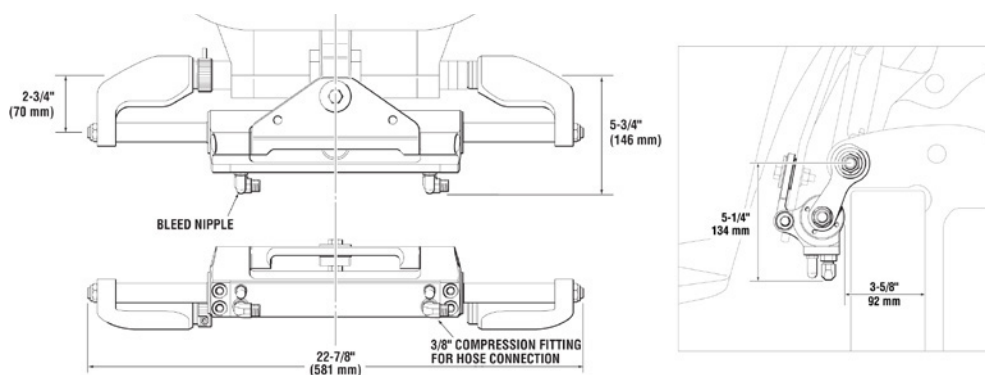
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Technical Data

SeaStar Current Tournament Cylinder



New Tournament Series Cylinder



Maximum tilt angles shown - 67°

Typical transom thickness shown, but will vary.