

# Tech Reference: Mechanical Steering

## Mechanical Steering Essential P/Ns:

### NFB SAFE-T II:

<b>Complete System:</b>	
Steering Kit (1-cable).....	SS132XX
<b>System Components:</b>	
Helm (1-cable).....	SH5150P
QC Cable.....	SSC62XX
Bezel (90°).....	SB27150P
<b>Tilt/Optional Components:</b>	
Dash Module.....	SH1535150
Tilt Helm.....	SH91190P*
Performance Tilt Mech.....	SH91500P
Bezel (20°).....	SB27483P

### NFB 4.2:

<b>Complete System:</b>	
Steering Kit (1-cable).....	SS147XX
Steering Kit (2-cable).....	SS148XX
Tilt Steering Kit (1-cable).....	SS157XX
<b>System Components:</b>	
Helm (1-cable).....	SH4910P
Helm (2-cable).....	SH4920P
QC Cable.....	SSC62XX
Bezel (90°).....	SB27150P
<b>Tilt/Optional Components:</b>	
Dash Module (1 cbl.).....	SH1534910
Tilt Helm (1-cable).....	SH91526P*
Tilt Helm (2-cable).....	SH91527P*
Performance Tilt Mech.....	SH91500P
Bezel (20°).....	SB27483P

### NFB RACK/PRO RACK:

<b>Complete System:</b>	
Steering Kit (1-cable).....	SS151XX
Steering Kit (2-cable).....	SS152XX
<b>System Components:</b>	
Helm (single/dual).....	SH5230P
Single Cable.....	SSC134XX
Dual Cable.....	SSC135XX
Bezel (90°).....	SB39544P
<b>Tilt/Optional Components:</b>	
Dash Module (1-cable).....	SH1535230
Tilt Helm (single/dual).....	SH91630P*
Performance Tilt Mech.....	SH91500P
Dash Wedge Kit (10°).....	SB27448P
Dash Wedge Kit (20°).....	SB27449P
TFXTREME Sgl. Cable.....	SSC154XX

### BIG-T:

<b>System Components:</b>	
Helm.....	SH5000P
Cable (1-station).....	SSC72XX
Cable (2-station).....	SSC81AxBxx
(Special-order cable. Not returnable.)	
Bezel-Black (90°/20°).....	SB27265P
<b>Tilt/Optional Components:</b>	
Tilt Helm.....	SH91525P*
Performance Tilt Mech.....	SH91500P
Bezel-White (90°/20°).....	SB27263P
Bezel-Chrome (90°).....	SB27268P
QC II Cable.....	SSC61XX
Conduit (Path "A").....	SC70XX
Cable (Path "B").....	SSC40BXX

\* Requires SH91500 tilt mechanism and current-generation cable to complete the Tilt Steering system installation.

\*\* For 1984-1996 "Old Style" The Rack rack & pinion systems — is *not* interchangeable with SSC134.

† For dual cable steered stern drives.

†† SSC63 Cable **MUST** be used with HPS rotary helms.

### SAFE-T QC:

<b>Complete System:</b>	
Steering Kit (1-cable).....	SS137XX
<b>System Components:</b>	
Helm (1-cable).....	SH5094P
QC Cable.....	SSC62XX
Bezel (90°).....	SB27484P
<b>Tilt/Optional Components:</b>	
Dash Module.....	SH1535094
Tilt Helm (1-cable).....	SH91523P*
Tilt Helm (2-cable).....	SH91524P*†
Performance Tilt Mech.....	SH91500P
Bezel (20°).....	SB27483P
<b>Service Items:</b>	
Old Style "TS" helm.....	SH5023P
Old Style "TS" Cable.....	SSC72XX
QC II Cable (QC/"TS").....	SSC61XX
QC II Helm Converter.....	SA27620P

### HPS ROTARY:

<b>System Components:</b>	
Helm (1-cable).....	SH5180P
QC Cable.....	SSC63XX††
Bezel (90°).....	SB27484P
<b>Tilt/Optional Components:</b>	
Tilt Helm (1-cable).....	SH91650P*
Performance Tilt Mech.....	SH91500P
Bezel (20°).....	SB27483P

### "BACK MOUNT" RACK:

<b>Complete System:</b>	
Steering Kit (1-cable).....	SS141XX
<b>System Components:</b>	
Helm (single/dual).....	SH5210P
Single Cable.....	SSC134XX
Bezel (90°).....	SB39526P
<b>Tilt/Optional Components:</b>	
Dash Module (sgl./dual).....	SH1535210
Tilt Helm (single/dual).....	SH91610P*
Performance Tilt Mech.....	SH91500P
Dash Wedge Kit (10°).....	SB27448P
Dash Wedge Kit (20°).....	SB27449P
Friction Device.....	3953114P
TFXTREME Sgl. Cable.....	SSC154XX
Dual Cable.....	SSC135XX†
<b>Service Items:</b>	
Old Style Cable.....	SSC124XX**

### HPS RACK & PINION:

<b>System Components:</b>	
Helm (single/dual).....	SH5210P
Single Cable.....	SSC154XX
Bezel (90°).....	SB39526P
<b>Tilt/Optional Components:</b>	
Tilt Helm (single/dual).....	SH91610P*
Performance Tilt Mech.....	SH91500P
Dash Wedge Kit (10°).....	SB27448P
Dash Wedge Kit (20°).....	SB27449P

## Hydraulic Steering Essential P/Ns:

### BAYSTAR:

<b>Complete System:</b>	
Steering Kit (20" tubing run).....	HK4200A
Steering Kit (30" tubing run).....	HK4300A
<b>System Components:</b>	
Helm (Front Mount).....	HH4016
Compact Cylinder.....	HC4645H*
Tubing (2 x 20").....	HT4420H
Tubing (2 x 30").....	HT4430H
SeaStar Oil (Quart) (x2).....	HA5430
Fill Kit.....	HA5438
<b>Tilt/Optional Components:</b>	
Sport Tilt Helm/Mech.....	HH4015
Compact Cylinder.....	HC4647H*
Compact Cylinder.....	HC4648H*
Compact Cylinder.....	HC4658H*

### SEASTAR PRO:

<b>Complete System:</b>	
Steering Kit (w/hoses).....	HK73XX
Steering Kit (no hoses).....	HK7400
<b>System Components:</b>	
Helm (Pro Front Mount).....	HH5770
Cylinder (Pivot Mount).....	HC5345*
Hose Kit (2 hoses).....	H051__
SeaStar Oil (Quart) (x2).....	HA5430
Fill Kit.....	HA5438
<b>Tilt/Optional Components:</b>	
Sport Tilt Helm/Mech. (Pro).....	HH5290
Trad. Tilt Helm/Mech. (Pro).....	HH5774
Cylinder (Pivot Mount) (Pro).....	HC6345*
Cylinder (Pivot Mount).....	HC5347/Pro: HC6347*
Cylinder (Pivot Mount).....	HC5348/Pro: HC6348*
Cylinder (Pivot Mount).....	HC5358/Pro: HC6358*
Cylinder (Side Mount).....	HC5370*
Bulkhead Hose Kit (2 hoses).....	H082__

### SEASTAR OUTBOARD:

<b>Complete System:</b>	
Steering Kit (w/hoses).....	HK63XX
Steering Kit (no hoses).....	HK6400
<b>System Components:</b>	
Helm (1.7 Front Mount).....	HH5271
Cylinder (Front Mount).....	HC5345*
Hose Kit (2 hoses).....	H051__
SeaStar Oil (Quart) (x2).....	HA5430
Fill Kit.....	HA5438
<b>Tilt/Optional Components:</b>	
Sport Tilt Helm/Mech. (1.7).....	HH5291
Trad. Tilt Helm/Mech. (1.7).....	HH5741
Sport Tilt Helm/Mech. (2.4).....	HH5292
Trad. Tilt Helm/Mech. (2.4).....	HH5742
Helm (2.4 Front Mount).....	HH5272
Helm (1.7 Rear Mount).....	HH5261
Helm (2.4 Rear Mount).....	HH5262
Commercial Helm (1.7).....	HH5217
Commercial Helm (2.4).....	HH5224
Cylinder (Pivot Mount).....	HC5347*
Cylinder (Pivot Mount).....	HC5348*
Cylinder (Pivot Mount).....	HC5358*
Cylinder (Side Mount).....	HC5370*
Cylinder (Splashwell Mt.).....	HC5380*
Cylinder (Cat/Pontoon).....	HC53__*
Bulkhead Hose Kit (2 hoses).....	H081__
Tie Bar Kit (Pivot Mount).....	H05__*
Tie Bar Kit (Side/Splash Mt.).....	H05009*
Add-A-Station/Autopilot Kit.....	HF5501

### SEASTAR STERN DRIVE:

<b>Complete System:</b>	
Steering Kit (w/hoses).....	HK63XX
Steering Kit (no hoses).....	HK6400
<b>System Components:</b>	
Helm (1.7 Front Mount).....	HH5271
Cylinder (Front Mount).....	HC5345*
Hose Kit (2 hoses).....	H051__
SeaStar Oil (Quart) (x2).....	HA5430
Fill Kit.....	HA5438
<b>Tilt/Optional Components:</b>	
Sport Tilt Helm/Mech. (1.7).....	HH5291
Trad. Tilt Helm/Mech. (1.7).....	HH5741
Sport Tilt Helm/Mech. (2.4).....	HH5292
Trad. Tilt Helm/Mech. (2.4).....	HH5742
Helm (2.4 Front Mount).....	HH5272
Helm (1.7 Rear Mount).....	HH5261
Helm (2.4 Rear Mount).....	HH5262
Commercial Helm (1.7).....	HH5217
Commercial Helm (2.4).....	HH5224
Cylinder (Pivot Mount).....	HC5347*
Cylinder (Pivot Mount).....	HC5348*
Cylinder (Pivot Mount).....	HC5358*
Cylinder (Side Mount).....	HC5370*
Cylinder (Splashwell Mt.).....	HC5380*
Cylinder (Cat/Pontoon).....	HC53__*
Bulkhead Hose Kit (2 hoses).....	H081__
Tie Bar Kit (Pivot Mount).....	H05__*
Tie Bar Kit (Side/Splash Mt.).....	H05009*
Add-A-Station/Autopilot Kit.....	HF5501

<b>System Components:</b>	
Helm (1.7 Front Mount).....	HH5271*
Cylinder (Drive-Specific).....	HC53__*
Hose Kit (2 hoses).....	H051__
SeaStar Oil (Quart) (x2).....	HA5430
Fill Kit.....	HA5438
<b>Tilt/Optional Components:</b>	
Sport Tilt Helm/Mech. (1.7).....	HH5291
Trad. Tilt Helm/Mech. (1.7).....	HH5741
Sport Tilt Helm/Mech. (2.4).....	HH5292
Trad. Tilt Helm/Mech. (2.4).....	HH5742
Helm (2.4 Front Mount).....	HH5272
Helm (1.7 Rear Mount).....	HH5261
Helm (2.4 Rear Mount).....	HH5262
Commercial Helm (1.7).....	HH5217
Commercial Helm (2.4).....	HH5224
Cylinder (Pivot Mount).....	HC5347*
Cylinder (Pivot Mount).....	HC5348*
Cylinder (Pivot Mount).....	HC5358*
Cylinder (Side Mount).....	HC5370*
Cylinder (Splashwell Mt.).....	HC5380*
Cylinder (Cat/Pontoon).....	HC53__*
Bulkhead Hose Kit (2 hoses).....	H081__
Tie Bar Kit (Pivot Mount).....	H05__*
Tie Bar Kit (Side/Splash Mt.).....	H05009*
Add-A-Station/Autopilot Kit.....	HF5501

Pivot Mount cylinders available in black or silver; Pro cylinders available in black, red or silver. For boats with multiple engines and/or multiple stations, pontoons, catamarans and specialty craft, please refer to Teleflex catalog.

### SEASTAR P/A:

<b>System Components:</b>	
Helm (1.7 Front Mount).....	HH5271*
Cylinder (Drive-Specific).....	HC53__*
Hose Kit (2 hoses).....	H051__
SeaStar Oil (Quart) (x2).....	HA5430
Fill Kit.....	HA5438
<b>Tilt/Optional Components:</b>	
Sport Tilt Helm/Mech. (1.7).....	HH5291
Trad. Tilt Helm/Mech. (1.7).....	HH5741
Sport Tilt Helm/Mech. (2.4).....	HH5292
Trad. Tilt Helm/Mech. (2.4).....	HH5742
Helm (2.0 Front Mount).....	HH5273
Helm (2.4 Front Mount).....	HH5272
Helm (1.7 Rear Mount).....	HH5261
Helm (2.4 Rear Mount).....	HH5262
Commercial Helm (1.7).....	HH5217
Commercial Helm (2.4).....	HH5224
Bulkhead Hose Kit (2 hoses).....	H081__
Tie Bar Kit (Front Mount).....	H05__*
Tie Bar Kit (Side/Splash Mt.).....	H05009*
Add-A-Station/Autopilot Kit.....	HF5502
3/8" Tubing (1/O & 1/B only).....	HT5__*

For boats with multiple engines, refer to the Teleflex catalog for systems using Capilano or Hynautic helms and twin K-5 type cylinders.

### SEASTAR INBOARD:

<b>System Components:</b>	
Power Assist Module (12V).....	PA1200
Power Assist Module (24V).....	PA2415
Mounting Bracket.....	HA1202
Dual Ignition Kit.....	HA1201

### SEASTAR 2-line:

System utilizes SeaStar helm(s), tubing, SeaStar oil and one or two cylinders. Many helm and cylinder models are available. Consult Teleflex catalog for ordering information.

### SeaStar 2-line:

System utilizes SeaStar helm(s), tubing, SeaStar oil and one or two cylinders. Many helm and cylinder models are available.

### SeaStar Capilano 2-line:

System utilizes Capilano helm(s), copper tubing and hoses, ATF and one or two cylinders. Several cylinder models are available.

### Hynautic 3-line:

System utilizes Hynautic helm(s), copper tubing and hoses, SeaStar oil and one or two cylinders. Several helm and cylinder models are available.

### SeaStar Power Steering:

System utilizes SeaStar helm(s), tubing and/or hoses, SeaStar oil, engine-driven pump(s), reservoir(s), oil cooler(s) and one or two cylinders. The system is a manual circuit within a power-assisted circuit. Many helm and cylinder models are available.

\* Always refer to SeaStar Application & Ordering Guides when ordering. SeaStar offers several accessory options for front-mount helms which reduce the helm's protrusion from the dash. See Teleflex catalog or SeaStar steering on line.

