THE ULTIMATE ART OF STEERING
Suzuki Precision Manoeuvring steering/shift/throttle control system is engineered for powerboats with electronic shift and throttle engines, allowing you to use the existing electronic controls.

Suzuki Precision Manoeuvring connects to the existing control head with closed loop processing, providing a very seamless integration.

**Advantages of Suzuki Precision Manoeuvring**

- Intuitive high precision Joystick docking with confidence
- Seamless integration with electronic controlled engines
- Autopilot ready – just a simple connection
- Dual station compatible
- Tiebar engines (triple) – less components, simple installation, less cost
- Available as a retrofit or for new engine installation
- All the benefits of Optimus EPS, including auto adjusting steering effort and steering turns lock to lock
- Supports twin and triple SPC engines

**Intelligence you can feel**

Suzuki Precision Manoeuvring steering/shift/throttle control system is engineered for powerboats with electronic shift and throttle engines, allowing you to use the existing electronic controls.

Suzuki Precision Manoeuvring connects to the existing control head with closed loop processing, providing a very seamless integration.

Move your boat left or right, forward or backwards with the sensitive joystick control

Twist to turn a complete 360°
BayStar Outboard Cylinder
The latest addition to the SeaStar family featuring the same trademark "pivot" design seen in the world renowned SeaStar outboard cylinder.

SeaStar Outboard Cylinder
The most popular hydraulic cylinder in the world.
New sealing system
Offers excellent resistance to repeated compression set and is designed to better withstand the harsh environment.
ORB fittings
Stainless steel adjustable O-Ring (ORB) fitting for easier installation.
New look
The robust barrel and new graphics complement the styling on new boats and motors.

SeaStar Tournament Cylinder
Extreme heavy duty cylinders and tie bars designed for primarily high performance multiple engine applications.
Also available for single engine applications.
As specialists in the art of steering, SeaStar Solutions take the recommendation of steering systems very seriously especially as modern outboard engines become more powerful.

<table>
<thead>
<tr>
<th>HP</th>
<th>BAYSTAR</th>
<th>SEASTAR OUTBOARD SYSTEM</th>
<th>SEASTAR TOURNAMENT</th>
<th>SEASTAR POWER ASSIST OUTBOARD SYSTEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>40HP</td>
<td>OPTIMUM</td>
<td>OPTIMUM</td>
<td>OPTIMUM</td>
<td>OPTIMUM</td>
</tr>
<tr>
<td>100HP</td>
<td>MAXIMUM</td>
<td>MAXIMUM</td>
<td>MAXIMUM</td>
<td>MAXIMUM</td>
</tr>
<tr>
<td>140HP</td>
<td>OPTIMUM</td>
<td>OPTIMUM</td>
<td>OPTIMUM</td>
<td>OPTIMUM</td>
</tr>
<tr>
<td>200HP</td>
<td>MAXIMUM</td>
<td>MAXIMUM</td>
<td>MAXIMUM</td>
<td>MAXIMUM</td>
</tr>
<tr>
<td>250HP</td>
<td>MAXIMUM</td>
<td>MAXIMUM</td>
<td>MAXIMUM</td>
<td>MAXIMUM</td>
</tr>
<tr>
<td>300HP</td>
<td>MAXIMUM</td>
<td>MAXIMUM</td>
<td>MAXIMUM</td>
<td>MAXIMUM</td>
</tr>
<tr>
<td>325HP</td>
<td>MAXIMUM</td>
<td>MAXIMUM</td>
<td>MAXIMUM</td>
<td>MAXIMUM</td>
</tr>
<tr>
<td>350HP</td>
<td>MAXIMUM</td>
<td>MAXIMUM</td>
<td>MAXIMUM</td>
<td>MAXIMUM</td>
</tr>
</tbody>
</table>
Optimus EPS, a higher level of engineering sophistication

The patented Suzuki Precision Manoeuvring Joystick Control system builds on the Optimus EPS. The Optimus EPS system replaces the traditional hydraulic steering system. For single, twin, triple and quad engine applications.

Advantages of Optimus EPS

- No oil at helm
- Boat that steers like a sports car
- Plug and play autopilot compatibility
- No auto pilot pump or rudder feedback unit
- Adjustable speed sensitive wheel effort
- Adjustable speed sensitive turns lock to lock
- Can be retrofitted to existing mechanical and electronic controlled engines. You do not have to buy new engines
- No tie-bars (twin configuration)
- No liquid tie-bar (CAT)
- On demand pumps which extend battery life
- Components based on existing SeaStar reliability and quality
- NMEA 2000 Certified

Electronic Power Steering system
Optimus EPS + Joystick = Suzuki Precision Manoeuvring Joystick Control

- Engine Manufacturer electronic shift & throttle compatible
- 3rd party Autopilot compatible
- Suzuki Precision Manoeuvring Joystick Control Gateway when required
- Optimus EPS Helm
- Joystick
- Pump Control Module (PCM)
- SmartCylinders
- Colour CANtrak
- Hydraulic steering pump
SEASTAR OUTBOARD POWER ASSIST SYSTEM

Designed for use with SeaStar hydraulic cylinders, dramatically reducing steering wheel loadings in heavy/high torque applications.

RIGSTR-291560
Baystar compact steering kit (semi-rigid nylon hose)
40HP–90HP

RIGSTR-291499
Baystar compact steering kit (same as 291561 – flexible O/B hose – plus free bulkhead fittings) 40HP–90HP

RIGSTR-291600
Seastar front mount steering kit (semi-rigid nylon hose)
100HP–300HP

RIGSTR-291599
Seastar front mount steering kit (same as 291601 – flexible O/B hose – plus free bulkhead fittings) 100HP–300HP

RIGSTR-812980
Dual engine Seastar front mount steering kit (flexible O/B hose – plus free bulkhead fittings and synchro valves) 100HP–300HP

DUAL-ENGINE TIE-BAR

67600-90J00-000
Stainless steel
Applicable model: DF100A–140A

RIGSTR-TIE BAR
HO6003 Stainless steel
Applicable model: DF150–300AP

Learn more about Suzuki Precision Manoeuvring