

**INSTALLATION INSTRUCTIONS FOR U.M.I. SEA DOO STEERING SYSTEM:
SP, SI, SPI, (1989 – 1993); XP (1991 – 1992); GTS, GTX**

- TIPS:
- Use blue loc-tite on all bolts.
 - Use never seize or white grease on steering shaft and inner bearing races.
 - If you have any questions on part identification or location during removal and installation refer to exploded view diagram included in the instructions.

STEPS:

- Remove seat.
- Remove storage tray.
- Remove stop switch at plug.
- Using tool supplied remove connector pins from plug.
- Disconnect throttle cable at carburetor. (10mm)
- Remove lockplate at end of steering stem.
- Remove steering stem bolt.
- Remove steering cable nut and bolt.
- Pull steering assembly from boat (Be careful when pulling wires through steering support.)
- Remove face collar (black) from boat. (10mm)
- Loosen steering cable jam nuts and slide cable off cable support.
- Remove the 4 (13mm) bolts that are now exposed from under the face collar.
- Remove steering support.
- Remove the cable support from the stock support. (You will re-use the cable support and hardware with U.M.I. steering system.)
- Place U.M.I. steering support (bearing housing) in the same location as the stock support.
- Place U.M.I. faceplate on the outside and line up holes.
- Facing the bow of the boat fasten the left two allen head bolts, washers and nuts loosely through the U.M.I. faceplate and into the U.M.I. steering support. Install the top right side allen head bolts and thread into the extension pieces (Threaded bushing supplied.). Do not tighten.
- Place the stock cable support, bolts and lock washers in the inside of the hull and line up with the extension pieces and tighten bolts.
- Line up faceplate and steering support and tighten complete assembly.
- Install O-ring (supplied) onto the steering head and lightly grease O-ring, steering shaft and bearing races.
- Install steering head into steering support.
- Reattach steering cable on support bracket.
- Slide U.M.I. steering arm onto steering shaft beveled edge out. (Facing upward)

- Install washer and (17mm) nylock nut on steering shaft below steering arm and tighten.
- Reinstall steering cable to steering arm making sure the steering system is straight and true. If steering nozzle is out of line adjust at the cable support bracket.
- Install rubber grommet in hole at right of faceplate.
- Route throttle cable and stop switch wires through rubber grommet.
- Reattach throttle cable at the carburetor making sure cable is adjusted for full throttle.
- Reinstall stop switch wires to plug previously removed and reconnect; Be sure color-coded wires match.
- Zip tie the throttle cable and stop switch wires together making sure they will not chafe on steering arm.
- Ride safe, ride smart. Thank you for choosing U.M.I. Racing products.

PARTS RETAINED FROM STOCK SYSTEM TO BE USED ON U.M.I. SYSTEM:
SP, SPI, SPX: 2) #54, 2) #53, 1) #50, 1) #17, 1) #47, 1) #28 LEFT AND RIGHT GRIP ASSEMBLIES.

U.M.I. RACING ALSO MANUFACTURES LOW PROFILE RACE BARS AND BILLET ALUMINUM MACHINED FINGER THROTTLE/KILL SWITCH ASSEMBLIES FOR YOUR SEA-DOO.