

Read these instructions completely before beginning installation.

IMPORTANT: The Remote Powr Steer will provide steering for most motors rated to a maximum 20 HP. It is designed for closed throttle cruising and trolling, NOT for high speed running. Installation for use on motors in excess of 20 HP nullifies all stated or implied warranties.

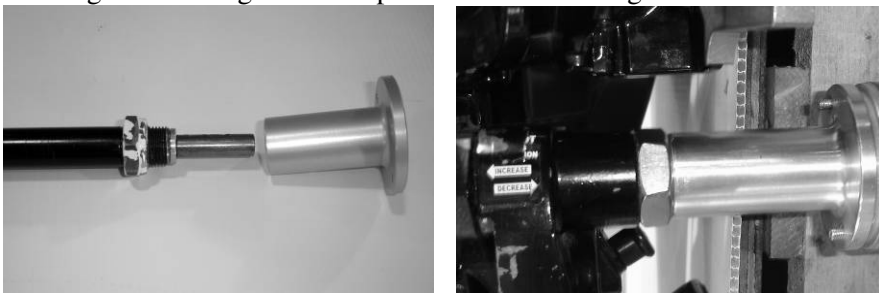


Step 1: Clean the inside of the steering tube/tilt tube on your outboard motor. Use a marine grease to grease the inside of the entire steering tube. (Note: **DO NOT** remove steering/tilt tube from the outboard motor. We have removed the steering tube for installation demonstration, only.)

Step 2: Insert Inner Tube Assembly into the steering tube/tilt tube.



Step 3: Screw Motor Mount on to steering tube/tilt tube (end with the brass bushing) until it stops and it is tight. Then tighten steering tube nut up to the motor housing.



Step 4: Place the wiper seal over the eyebolt and screw tight by hand.

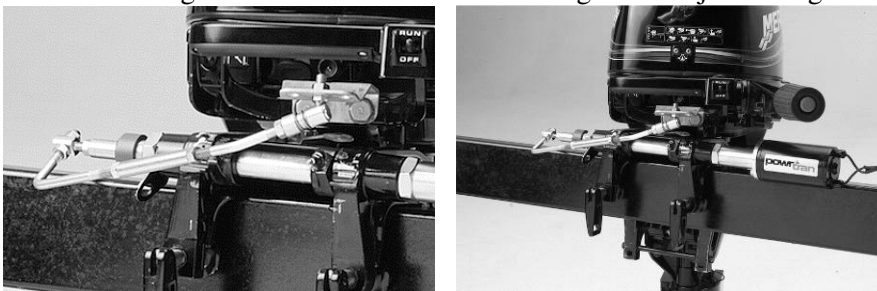


Step 5: Place motor gasket on motor housing. Align groove in ball screw coupler to match with the tang on the motor. Insert motor tang into the ball screw coupler. Motor and housing should be flush with each other.



Step 6: Place the two 10-32 nylock nuts on the motor screws and tighten with a 3/8" wrench. Make sure both sides are even to get a straight alignment.

Step 7: Steering Arm Assembly Installation: Mount motor bracket with bolt and hardware (included) as close to outboard motor power head as possible to get the most travel for turning. Note: It may be necessary to drill a hole for the attaching nut and bolt if there's no existing hole. Adjust linkage for proper clearance



Step 8: Attach steering arm to mounting bracket with hardware supplied. When Powr Steer is in place and centered, tighten nuts and bolts securely.

Step 9: Refer to electrical system connection sheet or wireless remote instruction sheet. Before using power to the unit, manually test run the Powr Steer to make sure it has free range of motion. Adjust if necessary.



Powr Steer
PS205/PS305

Warranty Program

IMPORTANT OPERATION CONSIDERATIONS:

- Disconnect linkage arm with the quick disconnect for high speed running.
- The Powr Steer is **NOT** designed for high speed running. Do not operate under power (or when cruising over 5 MPH).
- **CAUTION: DO NOT** continue to depress control switch when unit has reached “lock to lock” extension. Damage to unit may result.

Warranty Program

Thank you for choosing a Powrtran product. This quality unit is covered by the following limited warranty.

For one (1) full year after date of purchase, your Powrtran unit is warranted to operate properly under conditions of normal use. This warranty includes all electrical and mechanical components.

If the unit fails to operate properly during the first year after purchase, call Powrtran so appropriate and satisfactory action may be taken. If a return is required, a company representative will provide you with information to facilitate the return.

Repair or replacement will be made and the repaired or new unit shipped back to you via prepaid freight, usually within ten (10) days of receipt. **Proof of purchase must be provided for all warranty claims.**

This warranty does not cover damage due to rust, corrosion, accident, or abuse of the unit.

This is the only warranty and all other warranties, including implied warranties of merchantability or fitness for a particular purpose, are disclaimed. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty does not cover any incidental or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you.

This warranty applies only if the unit is installed pursuant to instructions and the unit is not subject to damage, other than that which may occur in ordinary use, such as collision from the rear, fire, explosion, vandalism or sinking. Warranties are valid only if serviced by the factory.



The left hand column identifies possible problems that may be experienced in the operation of your Powr Steer. The right hand column lists suggested remedies.

| Problem | Suggested Remedy |
|--|--|
| Unit will not run | <ul style="list-style-type: none">• Test battery – charge or replace.• Check/test all unit and battery connections.• Test/replace circuit breaker – at battery – positive terminal.• Test actuator lead for power when switch buttons are depressed, with a test light or meter.• Use jump leads from battery to actuator leads to test actuator.• Red to red, black to black – reverse to run in opposite direction. |
| Unit runs in one direction only | Replace control box/switch assembly. |
| Travels to end of stroke but will not return | Find tension adjustment nut near end of actuator eye bolt. Tighten nut approximately 1/8" turn at a time until unit retracts by itself. Do not tighten more than one (1) complete revolution. |