

R.S.M. International, Inc.

4314 Raleigh St.
Tampa, FL. 33619
(813) 247-7040

Installation Instructions **Hydraulic Jack Plate**

Important: Do not operate lift until installed!!

1. Center lift on transom
2. Clamp lift to transom
3. Drill and Bolt to transom. Use the boat manufacturers recommend torque on the transom mounting bolts.
4. **Pump installation:** The pump mounts inside the boat in as dry an area as possible. Mount the unit securely in a vertical position with the motor up and the base of the reservoir sitting on the floor.

NOTE: It is very important that you hold fitting on side of the cylinder and not let it turn while you are tightening hose end on it.

5. Connect long hydraulic hose to the bottom of the cylinder and to up-side of pump.

Note: The hydraulic hoses should always be run between the ¾" top support bar of the jack plate and the transom. The hoses should be all the way to the starboard side and tied together accordingly. It may be necessary to install the hoses on the cylinder before bolting jack plate to transom.

6. Connect shorter hose to top of cylinder and downside of pump.

Note: When you tighten the hoses you may use a 5/8" wrench to position the hose if needed and then tighten the hose using a 9/16" wrench.

7. Control switch is provided to mount on control handle of outboard.
8. The wiring is red-to-red, blue-to-blue, and green-to-green.
9. Hook up wires to battery; red to positive and black to negative. If overload occurs, the pump has ambient breaker, which will reset itself automatically. Do not install inline fuse or breaker.
10. Fill the reservoir with the jack plate in the down position to the max line on the reservoir (oil is provided). Run the plate up and down several times, then check reservoir and refill to max line again. (The oil that we use for the hydraulic jack plate is 20-weight non-detergent motor oil, 20w-20. You may also use good grade light hydraulic oil).

Note: After several hours of use or if slide plate (bearing area) becomes dry, using the grease fittings located on each side of the plate, give each fitting a couple of shots of preferably waterproof marine grade grease, while the plate is being moved up and down. Don't over lubricate. This will probably be necessary only once or twice every six months and make for a trouble free operation.

Caution: It is extremely important to check all of the jack plate's hardware to assure it is properly tightened once every 6 months to avoid any damage to unit and/or injuries.

Always follow the manufacturer of the hydraulic steering recommendations for mounting a jack plate. Always check full range and clearance for your tilt and trim to ensure no interference with steering components. Whenever working on the jack plates hydraulic system you must always have the engine supported by lifting eyes

Jack Plate Rating: All of Bobs jack plates are rated to 300 horsepower with the exception of the 4-inch Ultra light model which is rated to 115 horsepower and the Extreme GEN 2 series which are rated to 400 HP. Failure to abide by the horsepower ratings will void manufacturer's warranty.