

# Installation Instructions

## Action Jack Plate

*RSM International, Inc.*  
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*(813) 247-7040*

NOTE: If there is no outboard motor mounted on the transom, skip to step 3.

1. Using a safe and proper lifting method carefully remove your outboard motors mounting hardware from the transom and swing the outboard away from the transom. You should not need to remove or disconnect any cables or wires
2. Prep your transom for the jack plate installation. Remove any old silicon or chalk. Apply marine sealant around each bolt hole and a bead around the jack plates mounting flanges.
3. Bolt the jack plate to the transom. Use the boat manufacturers recommend torque on the transom mounting bolts. Clean up any sealant from around the jack plate if necessary.  
**NOTE:** It may be necessary to install the wiring harness before bolting the motor to the jack plate to move the jack plate up for clearance to install the motor to the jack plate.
4. Mount the relay box in as dry a location as possible but within 4' of the battery using stainless steel hardware or wire ties (not provided).
5. Run the green and blue wires coming off the pump to the relay box and plug the connectors together. This connects the pump to the relay box.
6. The control switch is provided and may be mounted on the control handle for the outboard or on the console; locate the desired location for the control switch. Mount the control switch.
7. Run the red/blue/green ribbon wire to the desired control switch location.
8. The wiring is red-to-red, blue-to-blue, and green-to-green. You may use marine grade butt connectors to attach the control switch to the ribbon wire. The other end of the ribbon wire will plug into the wiring harness with the attached connector.
9. Hook up the power wires to the battery: red to positive and black to negative. If overload occurs, the wiring harness has a circuit breaker, which will reset itself automatically.
10. Test the plate. Run the plate up and down to check there are no obstructions such as wires or hoses in way.
11. Mount your outboard motor to the jack plate. (It may be necessary to raise the jack plate all the way up to allow for clearance to install the lower mounting bolts.) Use the engine manufactures recommended mounting torque and repeat step 10.

**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 few 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