



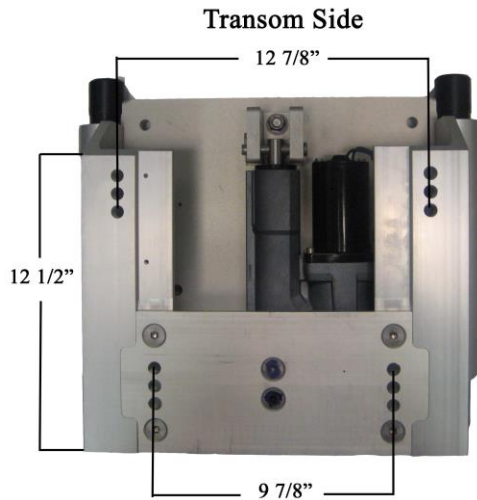
Welcome to the Atlas World. You have purchased the best Hydraulic Jack Plate that is available. When installed correctly, this plate will give you many years of trouble free use.

**NOTE: T-H Marine recommends installation by a full service marine dealer to insure proper fit and trouble free operation. We cannot assume any liability for improper drilling of transom or damage due to improper installation. This Atlas is designed to accommodate engines up to and including 300 HP and up to 625 pound outboards. (Effective with units produced and sold after March 2013 contact T-H Marine if unsure of age of unit).**

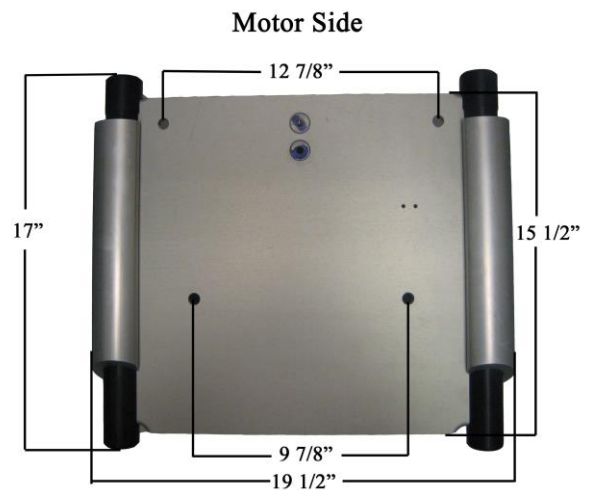
**Contents:**

- a. Atlas Hydraulic Jack plate
- b. Wire harness and accessories with installation instructions and warranty card.

**Jack Plate Transom Side**



**Jack Plate Motor Side**



**Relay Pack**



**Switch**



# INSTALLATION INSTRUCTIONS

**Step 1:** If no outboard engine is mounted to transom skip to Step 3.

**Step 2:** If outboard motor is mounted to transom remove engine using proper lifting equipment and procedures. Be sure the lifting equipment is rated for the necessary lifting capacity. See your local marine dealer if unsure. Remove mounting bolts and nuts and **carefully** swing motor away from boat. It should not be necessary to remove any cables or wires as most installations have adequate length. Disconnect any wires or cables that do not have necessary length **and obtain longer wires or cables for completion of installation.**

**Step 3:** Prepare transom for mounting by removing any silicone residue, dirt or oil. Put a fresh and generous bead of silicone around each mounting hole. Mount the Atlas jack plate to transom (shortest side 12 ½” long) using the bolts and nuts from engine removal. If you did not have engine mounting bolts, you will need ½” stainless mounting bolts and appropriate washers and lock nuts to fit the thickness of your transom. These fasteners are available from your local marine dealer. It is necessary in our installation that the bolts go through the transom then through the Atlas jack plate. The nuts attach to the bolts inside the jack plate. We recommend use of a transom support plate for both the top and bottom mounting bolts, thus eliminating the possibility of the bolt heads from becoming embedded into transom. T-H Marine Transom support plates are available from your marine dealer and look like the picture below.



**\* NOT INCLUDED (OPTIONAL)**

When mounting the Atlas jack plate to your transom, you will note that there are three sets of mounting holes in the jack plate. Because transoms are different, three mounting hole patterns are pre-drilled. You choose which best satisfies your transom and engine setup needs. However, make sure that you use same holes on both sides, so jack plate will set level.

**Step 4:** Before mounting engine, the wiring harness will need to be hooked up. Locate desired position for “Up & Down” rocker switch. Cut 1 ½” x 1” rectangle hole taking care to check for any wires, brackets or cables behind dash for the switch to pass through. However, do not install switch at this time.

**Step 5:** The Harness Pack will contain a rocker switch, a relay pack and a switch harness. When you open your harness the switch will not have any wires attached, but it will have three terminals to hook the three spade connectors. There will be a black coated wire that is 20 ft long, on one end will be spade connectors on a purple, green & blue wire. This is your cable that will run from relay pack to switch. This cable will need to run from switch to your relay location, which should be near a power source, normally in the battery compartment. (Note: The spade connectors go to the switch.)

Blue—wire goes to bottom tab of switch (**UP**)  
Purple—wire goes on middle of switch (**COMMON**)  
Green—wire goes to top tab of switch (**DOWN**)

**Step 6:** Even though the relay pack is water resistant, every effort should be made to locate this relay assembly in a place that will be as dry as possible. It can be mounted with screws or cable ties. The RED wire with the 40 amp ATC fuse goes to positive post of your battery. The BLACK wire goes to negative post of your battery.

Now you are ready to plug in all other connectors. The connectors are arranged so they will only plug in one way. The cable wire from the switch plugs into one connector, the motor wire from jack plate plugs into the other connector.

**Step 7:** You are ready to test your plate. Run plate Up and Down a little at a time to make sure your wires are correctly placed and not getting caught in plate. **NOTE: If the switch does not work as marked after your connections are made, then you can swap the blue and green wires to reverse the direction of movement.**

**Step 8:** If installing a gauge kit (available as an option from T-H Marine and your local dealer), we recommend install the gauge kit sending unit before mounting the engine. See instructions with gauge kit for proper installation.

**Step 9:** Outboard engine is ready to mount at this time. The engine will mount into selected hole pattern. **You will need (4) 1/2"-13 x 3" or 1/2"-20 x 3" long stainless steel bolts, washers and nuts for this installation also. T-H Marine's Bolt Kit (BK-1-DP) is available from your local marine dealer for this use.**

After engine is mounted, repeat Step 7 (above) to assure wire clearances and that your plate runs smoothly up and down.

## **OPERATING INSTRUCTIONS**

- 1. Never continue to hold switch in the up or down position after the **plate** has completed its travel in that direction. Doing so will cause extra amp draw on your battery and could damage the motor or pump on your jack plate and may burn out the fuse.**
- 2. Always rinse your plate off after every use especially if used in salt water. Keeping the black composite jack plate sides free of debris is important for smooth operation.**
- 3. After each use, check all mounting bolts to make sure they are tight.**
- 4. Check and clean any loose wires and connections.**
- 5. If you do not have power to the plate, the first thing to check is the in-line 40 amp ATC fuse on positive side of battery. If the fuse is blown, you'll need to replace it with a 40 amp fuse. However, something caused the fuse to blow. So if happens again, trouble shoot your electrical system immediately and seek help from your marine dealer if necessary. The most likely causes for the blown fuse are: (1) holding the switch down to long after the plate has completed travel in one direction and (2) a short in the electrical wiring to the jack plate.**
- 6. Always trailer with the jackplate in the lowest "down" position!**