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.

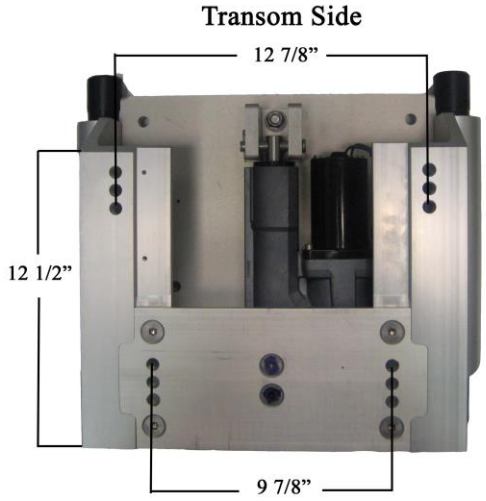
NOTE: T-H Marine recommends installation by a full service marine dealer to insure proper fit and trouble free operation. We cannot assume any liability for improper drilling of transom or damage due to improper installation.

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 April 1, 2013). Please contact T-H Marine if you are unsure of the age of your unit and did not get this original installation document stating 300 HP with your unit). The product label on the jack plate should state the correct horsepower rating for your unit

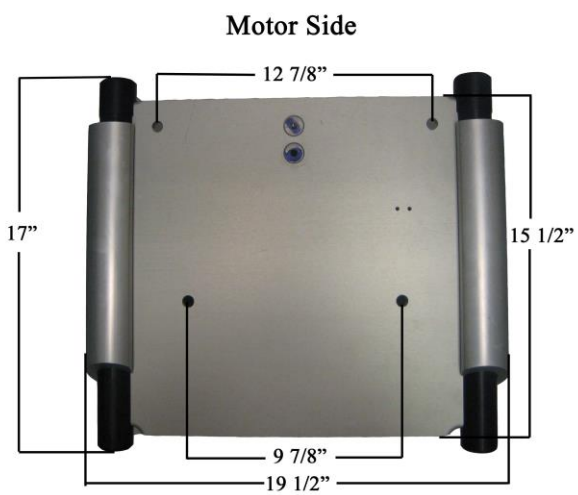
Contents:

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" - 20 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.

300 HP ENGINE WEIGHT 625 LBS

Step 5: The Harness Pack will contain a rocker switch and a wiring harness. When you open your harness pack the switch will not be connected, but it will have three terminals to hook the three spade connectors from the wiring harness. 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 cable will run from the switch to the relay pack. From the relay pack there are two sets of wires. The red (with fuse holder) goes to the positive anode (+) on the battery and the black to the negative (-) anode. The other set of wires (blue and black) have two waterproof connectors which will plug into the actuator motor wires later.

Purple—wire goes on middle of switch **(COMMON**)
Blue—wire goes to bottom tab of switch **(UP)**
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 shortstop fuse holder goes to positive post of your battery. The BLACK wire goes to negative post of your battery**. NOTE: The fuse holder has a 40 amp spade type automotive fuse included.**

Now you are ready to plug in the remaining two green & blue wires with waterproof connectors. The connectors plug into the two wires coming from the actuator and are arranged so they will only plug in one way (green to green and blue to blue)

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) ½" - 20 stainless steel bolts, washers and nuts for this installation also. T-H Marine's Bolt Kit (BK-2-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.

Installation is complete.

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. **If plate goes down when you hit up side of switch. You can swap the connections of the blue and green wires on the rockers switch.**

7. **When trailering your boat always put jack plate in the full DOWN position. This will put the actuator pump at rest and not stress the hydraulics.**