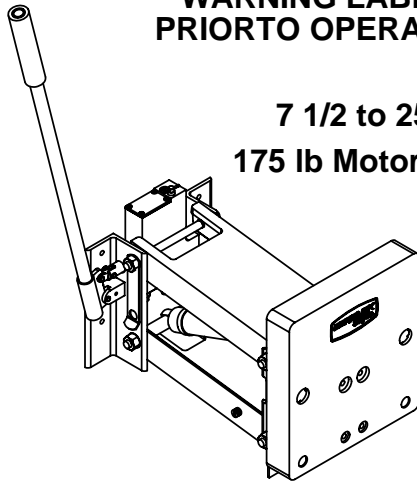




Operator Instructions for the Auxilliary Hydraulic Outboard Motor Bracket Model No: 71092

Form 12.575

**READ ALL INSTRUCTIONS AND
WARNING LABELS
PRIOR TO OPERATION**



**7 1/2 to 25 HP Rating
175 lb Motor Weight Limit**

- WARNINGS -

Failure to observe these points could result in personal injury or damage to bracket, motor, and/or boat!

1. Do not exceed the stated H.P. rating or weight
2. Make sure the motor clamps are tight before use.
3. Use a safety cable when operating your motor.
4. Remove the handle while underway.
5. Raise and tilt motor when not in use.
6. Use safety strap when motor is not in use.
7. Remove your motor from the bracket when trailering.
8. Avoid abrupt maneuvers and/or sharp turns.
9. Do not raise or lower bracket when motor is running.
10. Avoid contact with moving parts.
11. Keep pivot bolts lubricated to insure smooth operation.

Mounting Instructions:

Note: The approximate travel of the outboard motor bracket is 14". This travel is based on installation that is perpendicular to the water surface. The travel will be different if placed on a positive or negative angled transom. If the transom is more than 10 degrees out of perpendicular, it is recommended to fabricate a wedge spacer out of suitable material such as starboard, aluminum, or finished hardwood. The wedged spacer must fit the mounting brackets of the motor bracket completely.

! CAUTION ! - Failure to follow these instructions could cause the hydraulic valve to draw air during operation and thus prevent the assembly from operating within normal parameters.

Step 1:

The motor bracket is shipped in the vertical position. To complete installation, it is necessary to activate the bracket to the full down position. Please follow step 2 in the "Lower Auxiliary Motor Bracket" section.

Step 2:

Measure the distance on your outboard motor between the cavitation plate and the upper inside edge of the mounting clamp (see fig 1). Cut a stick to this length and tape it to the mounting board with one end flush with the top of the board (see fig 2).

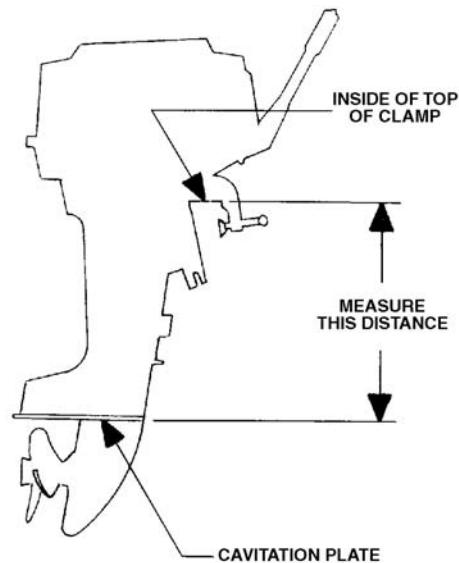
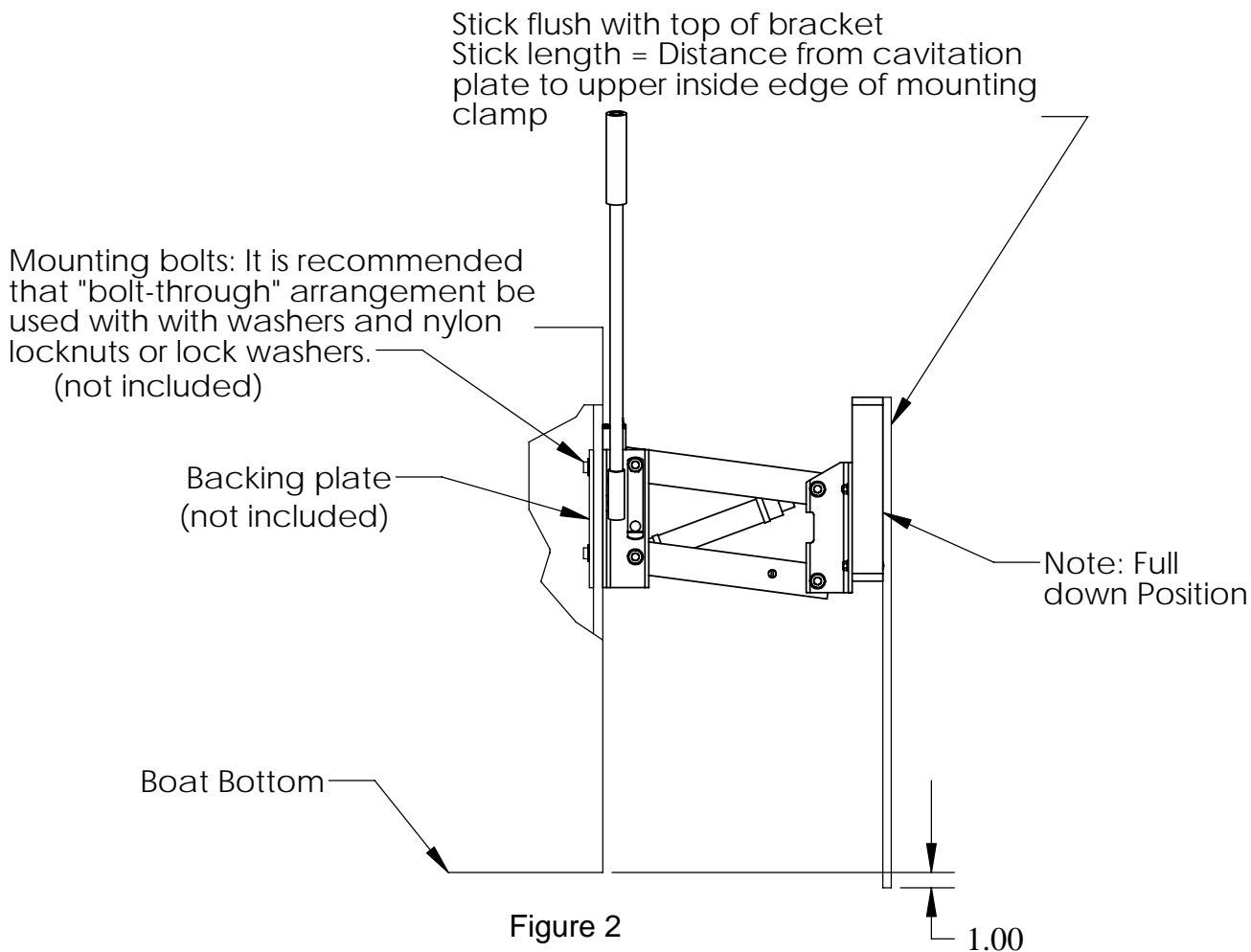


Figure 1



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Form 12.575



Step 3:
Choose the most appropriate side of your transom for mounting the bracket. Position the bracket so it will not interfere with the turning operation of your main motor or rudder. Slide the bracket up or down so that the bottom of the stick (from step 2) is approximately 1" to 2" below the bottom of the boat. NOTE: The bottom of the stick represents the cavitation plate on your outboard motor, which must be below the the boat's bottom for best performance.

Step 4:
Mark 4 mounting holes using the holes in the bracket. Gain access to the inside of the transom where the installation is to be bolted through and make sure the area is clear of any fuel lines, electrical lines, or obstacles.

Step 5:
Remove the bracket and using the marks from step 4 drill (4) holes to accommodate the mounting hardware as described in figure 3 (NOTE: due to the various styles of boats, mounting hardware and backing plates are not provided).

Step 6:
Attach the motor bracket to the transom after coating the inside surfaces of the mounting flanges and backing plates with a marine adhesive/sealant compound.

Step 7:
Motor bracket is now ready for use. Refer to the motor manufacturer for mounting instructions and practices. **WARNING:** Attach safety cable to motor prior to use.

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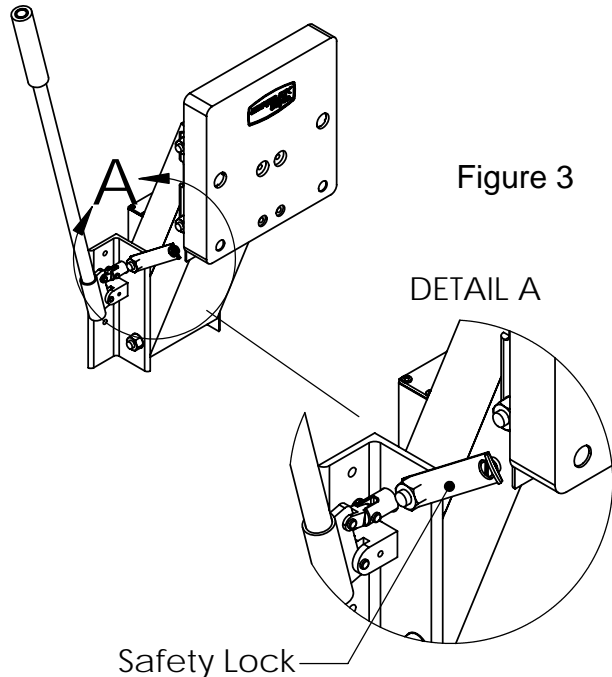
Operation Instructions:

Raising Auxiliary Outboard Motor:

Step 1: Place slotted end of pump handle over the relief valve and turn clockwise until tight (valve is now closed).

Step2: Place pump handle into handle socket and pump in a starboard-to-port manor.

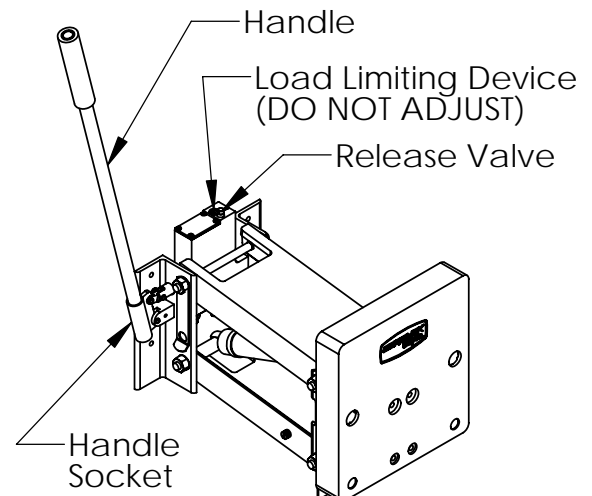
Step 3: When the motor bracket is not in use it is recommended that the safety locking strap be used. Raise the motor bracket to the highest position. Swing the safety strap so that it captures the pin located on the u-channel as shown below.



Lowering Auxiliary Outboard Motor:

Step 1: Place slotted end of pump handle over the relief valve and *SLOWLY* turn counter-clockwise until motor starts to lower (valve is now open).

Step2: Once motor is at desired height turn the relief valve clockwise until tight (valve is closed).



Maintenance Instructions:

Lubrication:

To minimize wear, keep all pivot points well lubricated with a medium to heavy lubricating oil/grease (marine grade).

Washing:

In a salt water environment, it is recommended that the bracket is periodically washed with soap and fresh water and waxed with a good marine grade polish/wax.

Adding oil:

The cylinder and valve block are filled with hydraulic oil and are self-contained, however, if the motor bracket does not raise to full height it may be low on hydraulic oil. To add oil, the bracket **MUST** be raised to it's maximum height position and secured with the safety strap. Once the bracket is secured remove the 4 screws,

NOTE: The motor bracket is equipped with a load limiting device (Fig 4) for safety reasons. As the unit reaches it's maximum height you will feel resistance against the handle as the pressure relief valve operates. At this point please stop pumping as the unit is unable to raise any further.



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Form 12.575

gasket, and cover on the reservoir. Add hydraulic oil such that it comes to within 1/4" to 3/8" from the top. Reattach the cover with the screws and gasket. Remove the safety lock and cycle the system through the full range of motion 2 times. If the system does not reach full height repeat this process.

