



55-0416

**ALUMINUM BRACKET
DESIGNED FOR 4-STROKE
MOTORS UP TO 35 HP
AND 263 LBS**



INSTRUCTION MANUAL

REV. 12/15

4-Stroke Auxiliary Outboard Motor Bracket Mounting and Operating Instructions

For the following products only:
55-0407AL, 55-0408SS, 55-0410, 55-0416

AUXILIARY OUTBOARD MOTOR BRACKET CAUTION GUIDELINES

1. **Always** remove your motor from bracket when trailering. Failure to do so may result in damage to boat, motor, or bracket.
2. Do not exceed the stated H.P. rating or weight.
3. Verify that the motor clamps are tight before every use.
4. **You must “Always” use a safety cable when operating your motor.**
5. Operate motor at low speed. Avoid turning motor at full throttle. Refrain from sharp turns.
6. Operate your motor in lowest position possible for best performance.
7. Raise and tilt motor **ONLY** when motor is **NOT** in use or running.
8. Do not alter the motor mounting plate or bracket in any way.
9. Occasional greasing of the pivoting bolts will provide a smoother operation of the bracket.
10. To avoid personal injury, do not contact moving parts and observe all of the above guidelines.

The completed installation should result in the cavitation plate of the outboard motor being two inches (2”) below the surface of the water. The height of the outboard bracket on the power boat should be located so that the cavitation plate is 2” below that portion of the bottom of the boat closest to the engine being mounted. The following instructions should be followed to achieve these results:

Determine the distance from the outboard motors, clamp screw bracket to the cavitation plate. (See Diagram A). Now subtract 2” from that amount.

After subtracting the 2” from the measured distance, add x inches (get the value of x from the chart below) to get your TOTAL distance.

55-0407AL & 55-0410 X = 10” 55-0408SS X = 11” 55-0416 X = 16”

Attach (or tape) a yardstick to the black plastic mounting board of the Panther bracket, at the previously determined TOTAL distance. (See Diagram B).

(See Diagrams next page) Example: The measurement from the clamp bracket to the cavitation plate of your outboard is 16 inches in this example. Subtract 2 inches and add the bracket travel from the chart above (example 1188005 x = 10”). The TOTAL distance is 24 inches (16 -2 +10 = 24”). Therefore, attach the yardstick so the 24 inch mark is even with the top of the Panther black plastic mounting board. (As per Diagram B). See Next Page

DIAGRAM A

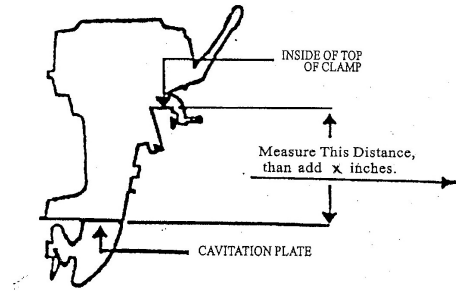
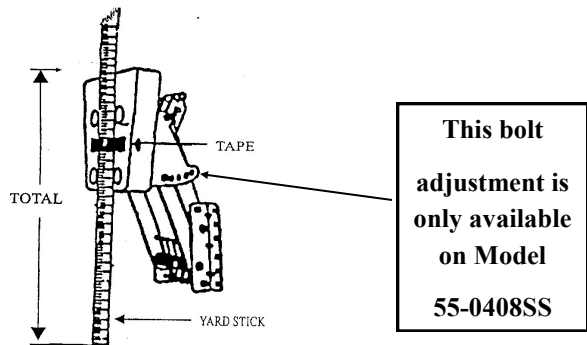


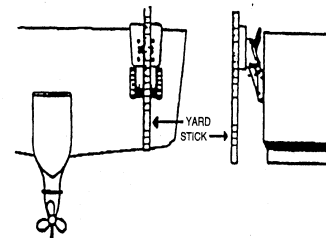
DIAGRAM B



- Position the outboard motor bracket on the transom of the boat on either the starboard or port side. Care should be exercised to make sure that the bracket will not interfere with the movement of the existing engine or a rudder. The heights of the bracket should be positioned so that the end of the yardstick is flush with the bottom of the boat on powerboats or at the waterline on sailboats (See Diagram C). Have a helper mark four holes for the attachment of the bracket to the boat. The primary holes to be used are the extreme top and bottom holes on each side of the mounting bracket. In the event of obstructions on the inside of the transom, alternative holes are provided. Always use the holes closet to the top and bottom of the bracket as possible.

Check again to make sure that there are no obstructions on the inside of the transom and then drill four 3/8" holes at the marked locations. Attach the outboard bracket to the transom with 5/16 stainless steel fasteners. For transoms that are 2" or less in thickness a backing plate should be used. When tightening the locking nuts on the attachment bolts, there should be at least two threads of the bolts protruding through the nut to insure good locking characteristics.

DIAGRAM C

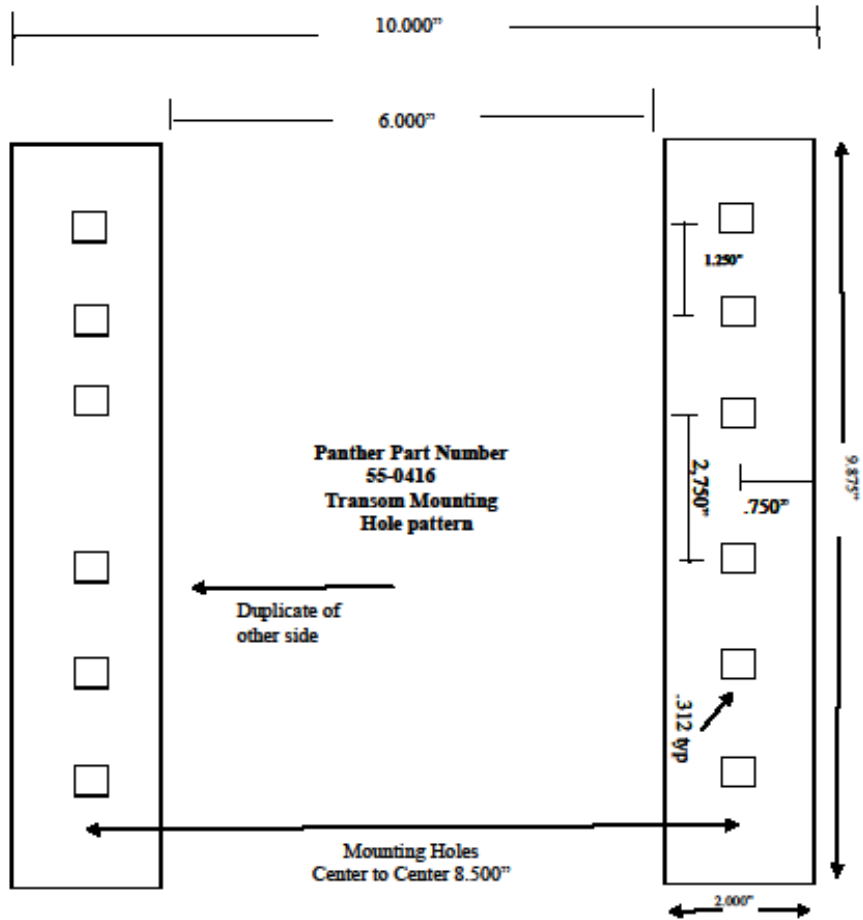


- Trim adjustment should now be made to insure that the engine's cavitation plate is parallel to the bottom of the boat and 2" below the waterline. While standing on either side of the boat, sight down the boat bottom and compare with the plane of the cavitation plate. If more adjustment is needed then remove the adjustment bolt from the mounting board bracket and swivel this bracket as necessary. Be sure to reinstall the bolt in the same manner as it was removed. **Do not** over tighten as this will cause the bracket to bind and not move up and down smoothly. Also make sure that the nylon locking nut on this bolt has at least two threads protruding through the nut.



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HOLE PATTERN DRAWING
55-0416 4 STROKE BRACKET
16" TRAVEL



SERVICE AND WARRANTY

Should your unit ever require service, *please do not return the product to your dealer*. Please call the number below for special instructions on shipping and handling. Please call between 9:00 am - 3:00 pm (Central Standard Time) Monday through Friday. If service is required and covered by warranty, it will be repaired or replaced as described below. If service is required and not covered by warranty, (such as damage caused from improper trailering or from water intrusion through the breather tube), replacement parts are available for purchase and may be paid for by Visa or MasterCard.

The warranty coverage on this equipment is limited to the terms set forth below:

MarineTech Products, Inc. warrants this product to be free of defects in material and workmanship for a period of ONE (1) YEAR from the date of original retail purchase. **Positive proof of date of purchase is required for warranty service.** If service is required and covered by warranty, the unit will be repaired or replaced with new or factory rebuilt parts at no charge. The defective components must be returned to the address specified, with shipping charges prepaid. Be sure to include your name, address, telephone number and a copy of the sales receipt showing the date of original retail purchase. All sales receipts are subject to verification.

This warranty does not apply if the unit has been damaged by accident, abuse, misuse, poor installation or misapplication, or if it has been modified from its original condition, or if any serial number has been removed or defaced or altered. **This warranty does not cover any expense to remove or reinstall the unit or any of its components.** If a returned unit is not covered by warranty, the sender will be notified and given an estimate of the charges to repair or replace the unit, together with the return shipping charges.

THIS WARRANTY DOES NOT COVER SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY, OR UNDER ANY OTHER LEGAL THEORY, INCLUDING BUT NOT LIMITED TO DAMAGE TO OR REPLACEMENT OF OTHER EQUIPMENT AND PROPERTY. THE WARRANTY AND REMEDIES SET FORTH ARE EXCLUSIVE AND IN LIEU OF ALL OTHERS, WHETHER ORAL OR WRITTEN, EXPRESS OR IMPLIED. DUE TO THE SPECIAL AND UNIQUE CONDITIONS THAT MAY EXIST IN EACH APPLICATION, THE MANUFACTURER SPECIFICALLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. NO DEALER, AGENT OR EMPLOYEE IS AUTHORIZED TO MAKE ANY MODIFICATION, EXTENSION OR ADDITION TO THIS WARRANTY.

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