

STEP 1: Mount Stainless Steel "L" brackets on plastic **FIN** as shown. Locking **NUTS** should be left loose to allow room when attaching to the skeg. Do not tighten until skeg bolts have been mounted and tightened.

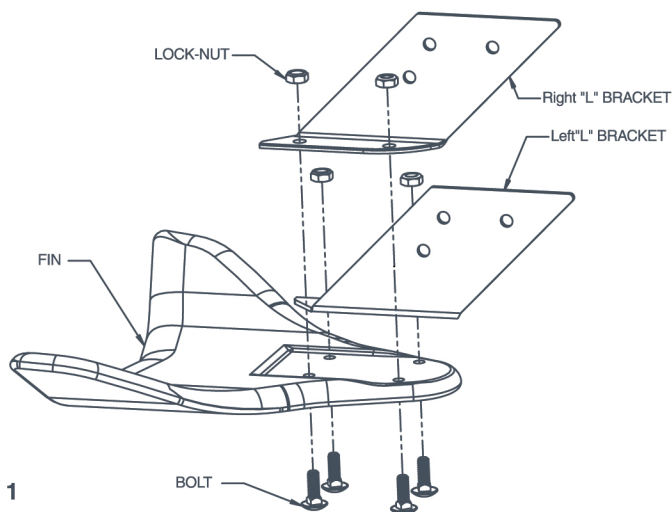


Figure 1

STEP 2: Place "L" brackets with **FIN** on skeg of motor. See **figure 2** for mounting details.

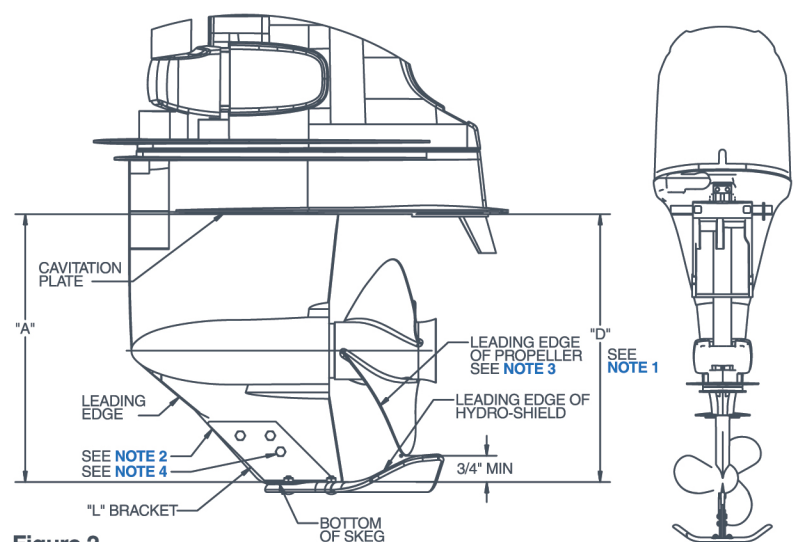


Figure 2

NOTE 1:

Dimension "A" and "D" must be the same dimension. Verify the two dimensions with a tape measure. see **Figure 2, Note 1.**

NOTE 2:

The leading edge of the stainless steel "L" brackets should be moved to the leading edge of the skeg (See **Figure 3**). **WARNING** – the leading point of the "L" brackets should not protrude ahead of the leading edge of the skeg. Position brackets with **NOTE 2**. The angle of the brackets may not be the exact angle of the skeg, and may be set back slightly.

NOTE 3:

After proper alignment has been achieved, rotate propeller to check for clearance (the minimum distance between the prop and Hydro-Shield is 3/4"). After clearance has been verified, use a clamp to hold brackets and Hydro-Shield in place.

NOTE 4:

Drill holes using a 1/4" to 9/32" drill bit in the skeg using the three 9/32" holes in the "L" bracket as a template. Fasten the Hydro-Shield assembly using two 1" long screws in the upper mounting holes with lock nuts and one 3/4" screw in the lower mounting hole with lock nut. Tighten all screws and lock nuts on assembly. If screws extend beyond the nut, excess can be trimmed to reduce drag and gain optimum performance. Tighten nuts securing the "L" brackets and the plastic fin to complete the installation.

NOTE 5:

If motor's lower unit is left in water all the times, urethane sealant between stainless steel "L" bracket and skeg should be used. This will reduce electrolysis between the stainless "L" bracket and the aluminum skeg. Note the zinc anode mounted to the cavitation plate should be kept in good condition to control electrolysis with stainless steel used in the motor.

NOTE 6:

If motor has power tilt and operates trim-out (like view "AA" in figure 4), the "Hydro-Shield can be mounted with "D" (see figure 2) measurement greater than "A" by 1/2"

NOTE 7:

If the skeg is bent, the fin will be mounted "tipped". Bend the "L" brackets without bending the skeg.

NOTE 8:

If "L" bracket becomes bent from a hard hit, remove "L" brackets from motor and straighten before reinstalling.

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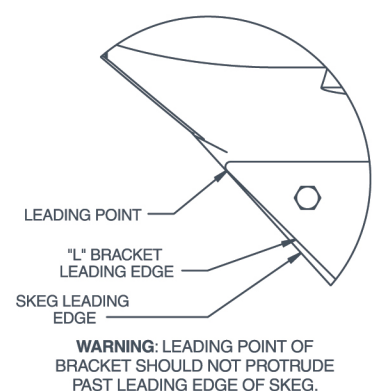


Figure 3

HOW TRIM ANGLE AFFECTS A BOAT

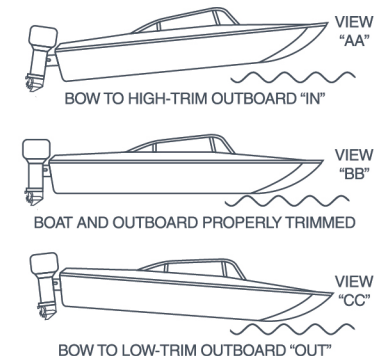


Figure 4