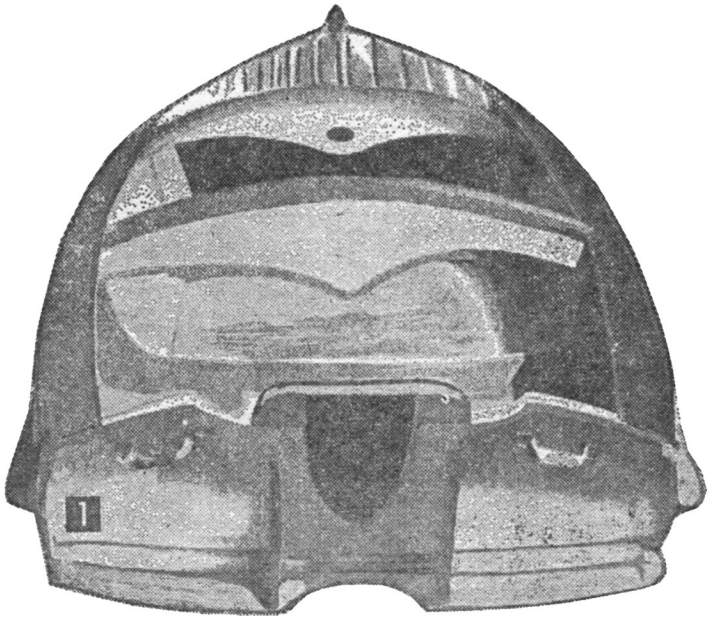
A Transom Bracket

For adapting outboard motors to individual boats



A transom bracket was attached to this 10-ft. outboard runabout to accommodate an Evinrude Fleetwin motor, and the performance of the boat was remarkably improved.

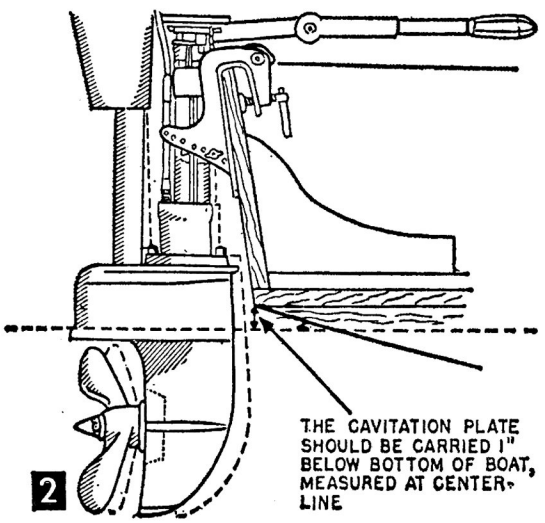
HOW well does your outboard motor match your boat? In many cases, if you don't have the best motor and boat combination, the performance of your boat can be greatly improved by modifying it with this quickly-assembled transom bracket.

Improvements in speed and maneuverability usually result when motors such as Evinrude, Mercury, Johnson, Scott, and others are raised 1 to 3 in. above the transom so that the cavitation plate is just about 1 in. below the bottom planking of the boat as in Fig. 2. This not only results in less gear case drag, but also allows you to navigate better in shallow waters.

Before you construct the bracket, raise your motor first with temporary blocks, and drive your boat on smooth and rough waters to determine the optimum height. Be careful not to set the motor too high, for this will cause dangerous cavitation.

Construct the bracket from a block of wood the same thickness as the transom, and attach the two ¼-in. plywood face plates to this block by means of #8 x 1-in. flathead screws as in Fig. 3.

You can attach the bracket permanently to the transom, or use it just as a temporary mounting for a different motor on the same boat. Regardless, you'll be agreeably surprised by the improved performance of your boat.—WM. D. JACKSON.



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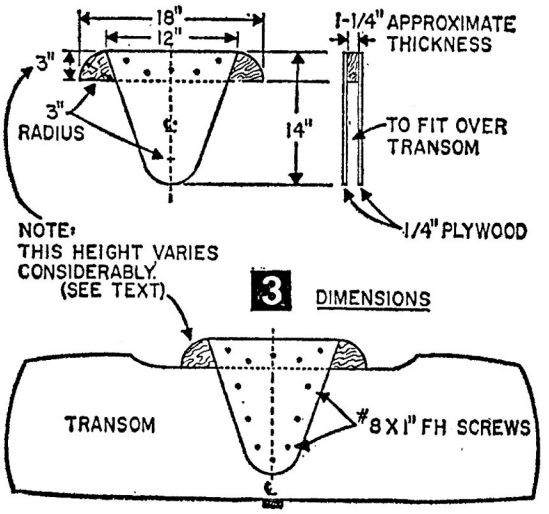

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