

TYPICAL HARDWARE INSTALLATION

OCTURA COMPETITION PROVEN MODEL MARINE FITTINGS

OCTURA® MODELS, INC.

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Engine/Universal - Female

Drive Shaft/Universal - Male

Stuffing box

ADJUSTABLE STRUT AND RUDDER

These are separate hardware items common on some hydros such as the Octura Wing Ding.

Universal - Male

Flex Ferrule

Universal - Female

RADIO

Drive Shaft (3/16" dia, rod)

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Strut

Thrust Bearing

Prop Shaft

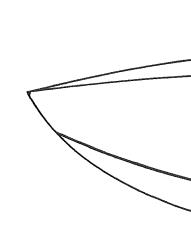
Drive Dog

Tail Nut



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Rudder



ENGINE MOUNT

Metal engine mounts are necessary for R/C boats to dampen vibration and aid in cooling the engine. Engine and mount should be secured with machine screws (not wood screws). All side mounting pads on Octura mounts are machined and drilled. Motor mount pads are undrilled and untapped. Four motor mounting screws are included.

FLYWHEEL

Octura flywheels are offered in both steel and aluminum and will fit all popular model engines. Flywheel is centered on the crankshaft by a collet (included) and secured with a female universal joint which replaces the prop nut.

UNIVERSAL (ENGINE/DRIVE SHAFT)

All standard sets are 7/16" dia. and include OC610M ball end for coupling to 3/16" dia. drive shafts while Deluxe furnish the OC610ML (1/4" longer for reducing end play). Both types are available in Heavy Duty, 1/2" dia. and 1/2" hex. All necessary set screws are included.

THRUST BEARING

These are available as a thrust washer set (OC-6TW) consisting of 2 hardened steel and 2 moly-nylon washers or the OC-6TB ball thrust bearing.

FUEL

TAIL NUT

This is a streamlined nut for the threaded end of the prop shaft and secures the prop. When the hardened prop shaft is necessary the Octura OC-6PNMU tail nut must be used.

STRUDDER

The Octura strudder is a combination of adjustable strut and rudder. This is the recommended hardware for deep vee and tunnel hulls.

PROP SHAFT

The prop shaft rides in the strut and holds the drive dog, thrust bearings, propeller and tail nut. The end contains a 10-32 thread for securing the prop with the tail nut. If needle bearings are used in the strut, the Octura OC-6PSH hardened shaft is necessary. A drive dog is secured to the prop shaft and keys into the prop.

DRIVE SHAFT

Engine Mount

The common drive shaft is 3/16" dia. drill rod (not available from Octura) and may be purchased locally. A flexible drive can be used in place of the drive shaft.

STUFFING BOX

The most popular stuffing box is a length of 7/32" I.D. brass tubing secured to the full bottom with Epoxy cement. Upper part of the tubing should be above water line.

UNIVERSAL JOINT (DRIVE SHAFT)

The "below water" universal couples the drive shaft to the prop shaft and allows adjustment of the strut for proper thrust angle.

