

HORNBY SPEED BOAT

Instructions for Model No. 2

This Hornby Speed Boat, in spite of its small size, is remarkably efficient in every respect. It is capable of high speed and a good length of run, and behaves well even when the surface of the water is disturbed by a moderate breeze. The clockwork motor is thoroughly reliable, and is made easily accessible by the removal of a hatch, through which pass the winding spindle and the start and stop control. The rudder is controlled by a tiller 5 that can be fixed in any desired position by means of a tiller rack.

OILING MOTOR AND PROPELLER

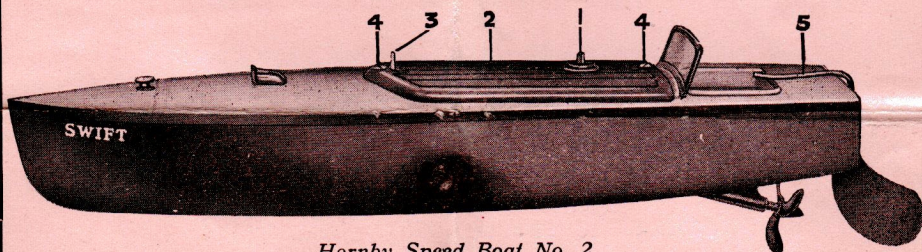
Before the Boat is sent off on its first trip, the motor and both ends of the propeller shaft should be oiled thoroughly. In order to oil the motor it is necessary to remove the hatch 2, which is done by

effecting by straightening the two pairs of twisted lugs that pass up through slots in the motor plates. This straightening should be done very gently with a small pair of pliers. The spring is then partly wound up and is prevented from unwinding by passing a matchstick through the smallest hole in the upper and lower plates of the motor, which is then lifted out.

WINDING THE MOTOR

Before the motor is wound up, the brake control lever 3 must be placed in the "stop" position, by moving it over to the extreme left. When the motor has been wound up, and the rudder set to the desired position, the Boat is placed in the water and started by moving the control lever over to the extreme right.

The start and stop control should never be used to stop the motor when this



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unscrewing two holding bolts 4, one at each end of the hatch.

In order to secure the greatest speed and steadiness of running, this oiling should be repeated from time to time. It is important that the oil should not be too thick. The special Meccano Oil is the best for the purpose, but if this is not available, sewing machine or type-writer oil will do quite well. A small amount of Graphite Grease (which is supplied by Meccano Ltd., in tubes and may be purchased from any Meccano dealer) should be brushed occasionally over the coils of the spring when this is unwound, in order to prevent rusting.

The clockwork mechanism should not be removed from a Boat unless this becomes necessary in order to carry out repairs. In that case the removal is

is running with the Boat out of the water, as the sudden checking of the motor in this manner places a severe strain on the gears and might damage the propeller shaft. The motor should be stopped before the Boat is removed from the water, by operating the start and stop control. When the Boat is finally lifted from the water after use, the motor should be allowed to run down.

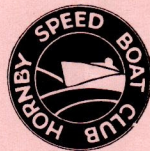
IMPORTANT.—The felt pad under the hatch, and the oiled felt washer fitted around the winding spindle, must NOT be removed, or water will enter the Boat. A spare washer is provided; if this is required it must be well oiled before being inserted around the spindle.

Every Hornby Speed Boat is guaranteed to be in perfect condition when it leaves our Works.

Manufactured in England by

Meccano Ltd. — Binns Road — Liverpool 13

JOIN THE HORNBY SPEED BOAT CLUB



Now that you own a Hornby Speed Boat you should join the Hornby Speed Boat Club. You may do so by purchasing the special badge (illustrated above) from your dealer, or direct from Meccano Limited, Binns Road, Liverpool 13. Prices: United Kingdom 6d. Overseas 10d. Canada 20 cents.

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