

This kit contains:

Designation	Quantity	Item in fig. 9.
Rubber seal	1	1
Hull seal	1	5
Installation instruction	1	-

**Bag of model-specific materials
no. 21112496:**

(110S, 120S-A, 120S-B, 120S-C, 120S-D, 120S-E, MS25S)

Gasket	1
O-ring 9.3 x 2.4	1
Locking wire	1

no. 21112497:
(130S, 150S)

Gasket	1	
O-ring 9.3 x 2.4	1	2
O-ring 10.3 x 2.4	2	3
O-ring 79.5 x 3	1	4

Change of rubber seal, S-drive

⚠ Important! The rubber seal between the S-drive and engine bed should be changed after 7 years. Always inspect the rubber seal for splits, aging and wear before each launching.

Since the rubber seal keeps sea water out of the boat, it is important to do this inspection carefully.

Corroded screws should be replaced with new ones.

1. Remove the propeller and clean thoroughly.

⚠ Important! If the sacrificial anode is eroded to 50% or more, it should be replaced.

2. Drain oil from the drive as in figure 1.

3. Remove the drive from the engine as in figures 2-7.

Place a block under the engine so that it is stable and does not tip when pulled forward. See fig 5-6. If it is possible to hang the engine in a block and tackle, this is preferable.

120S, MS25S are fitted with locking wires; refer to fig. 8.

4. Disassemble the upper and lower gear housing as in figure 9. Choose A, B or C, depending on model.

5. Replace rubber seal, gasket and any O-rings. Clean groove and mating surface carefully, refer to figure 10.

6. Reassemble the gear housing as in figure 9. The 120S has a slip clutch (1): begin by placing the slip clutch on the upper transmission housing's vertical axle; refer to figure 9A, B.

⚠ Important! The gasket (2) must be fitted exactly over the hole in the lower gear housing. Please refer to figure 9.

All existing shims (3) must be in place before reassembling the gear housing.

No form of grease, silicon or sealing compound shall be used in groove (4).

The screws must be tightened twice in diagonal sequence as illustrated in fig. 11. Tighten the first time to 10 Nm, and the second time to 25 Nm.

120S and MS25S have locking wires; refer to fig. 11.

7. Mount the drive onto the engine and engine bed as in figures 12-18.

Before clamping ring is fitted, clean up and paint with corrosion inhibitor. Check that the under side is flat, for effective sealing. If necessary, fit a new clamping ring and new screws. See figures 12.

To simplify fitting the engine, the drive can be blocked up as in figure 13.

Engage reverse. Push the engine backwards while at the same time turning the flywheel to the left and right. Please refer to figure 14.

8. Fill the drive with oil as in figure 19.

9. Glue the hull seal in place (5) as in figure 20.

⚠ Important! Use a high quality contact glue, intended for plastics and rubber. Follow the glue manufactures instructions on the packet carefully.

10. Fit the propeller.

11. When launching:
Check that the rubber seal does not leak and that other parts that have been dismantled function satisfactorily.