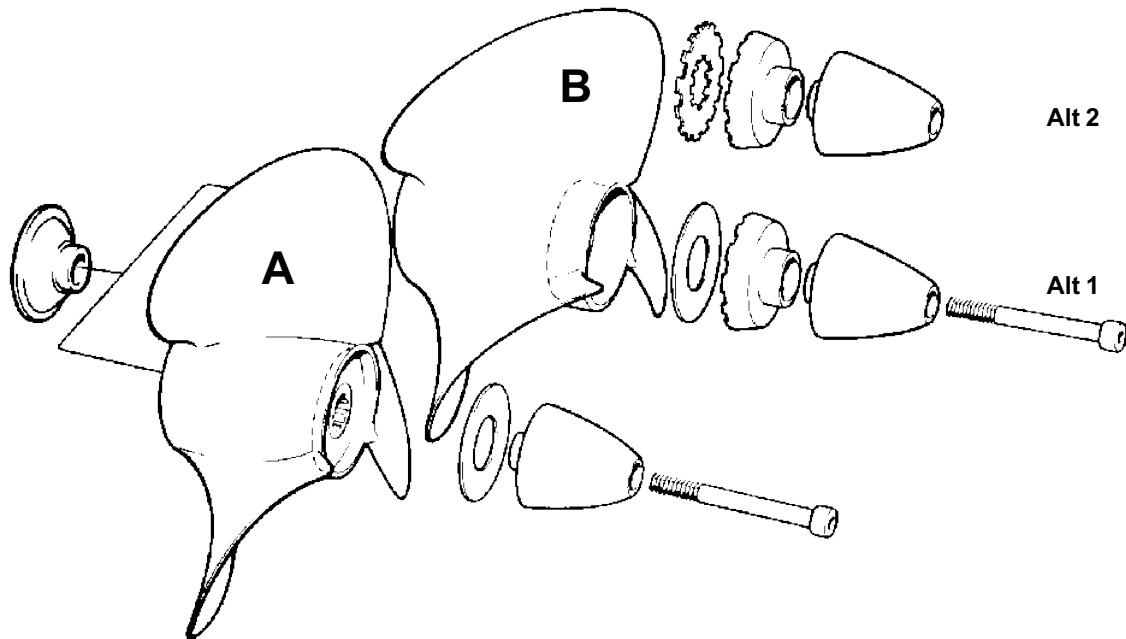
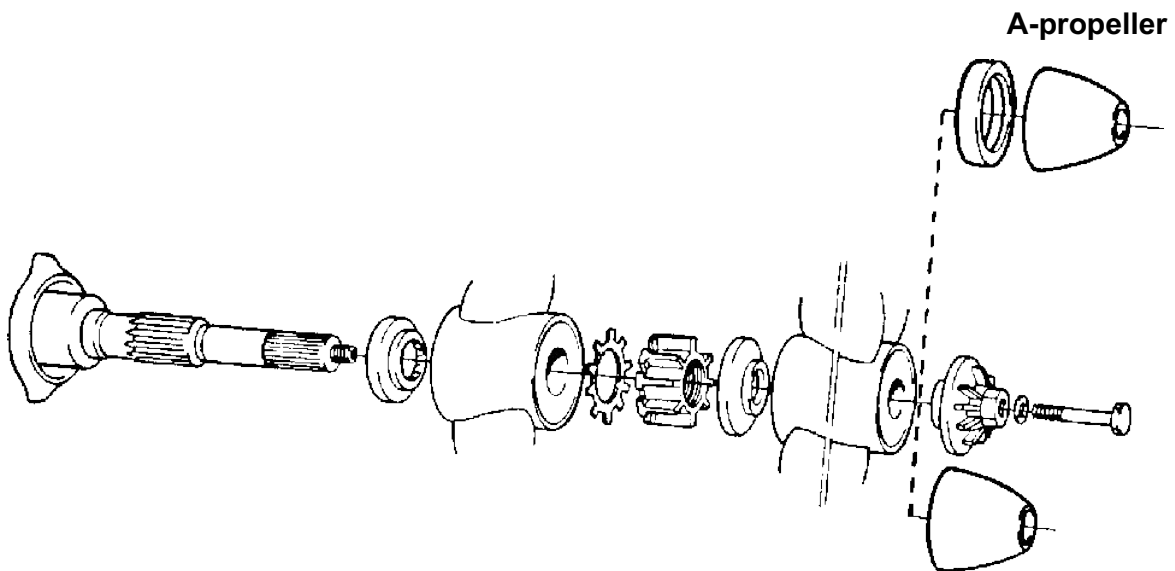

Removing the sterndrive

Models 280, 285 and 290

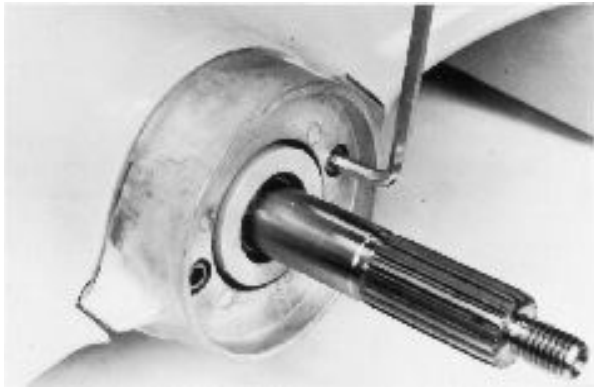


1. Remove the propeller of the Singleprop sterndrive according to the picture.



2. Remove the propellers of the Duoprop sterndrive according to the picture. (The picture shows the earlier model.)

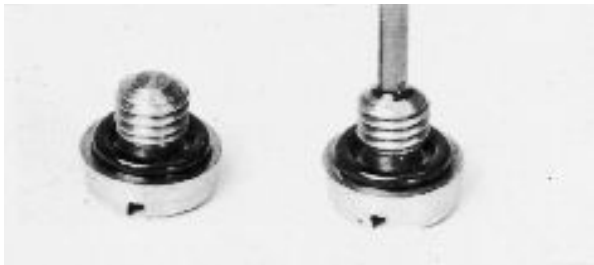
NOTE! Never mix propellers from different drives.



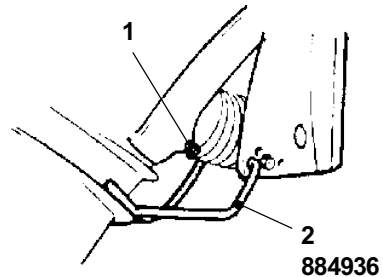
3. Remove the Allen-head bolts holding the zinc ring and remove it.



5b. **Sterndrive model 290:** Remove the cover over the shift mechanism and disconnect the shift cable from the shift plate and remove the swivel. Remove the screws holding the locking plate, then push the locking plate down.



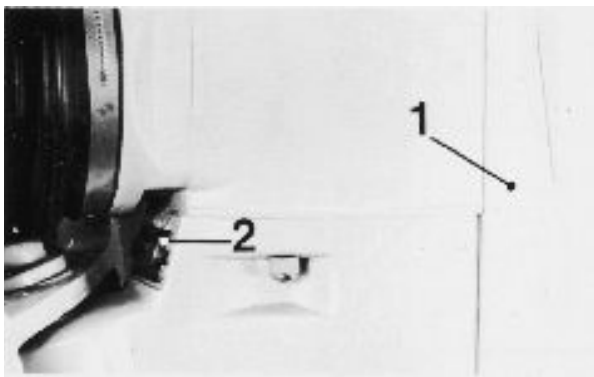
4. Remove the oil drain plug and drain off the oil. Also remove the oil dipstick to facilitate the oil drainage. Replace the O-ring on the drain plug and on the oil dipstick.



6a. **Sterndrive models 280 and 285:**

⚠ IMPORTANT! Carefully check the rubber bellows for possible damage and also check that the hose clamps are properly tightened.

NOTE! The universal joint bellows and its hose clamps should be replaced every other year. Contact an authorized service workshop and let them do the checking and replacing of the rubber bellows.



5a. **Sterndrive models 280 and 285:** Remove the cover (1) over the shift mechanism and disconnect the shift cable from the shift plate and remove the swivel. Then remove the shift cable locking plate (2).

⚠ WARNING! Never start working on the rubber bellows of the sterndrive until you have secured it in its raised position and then in a way which definitely keeps it up. A sterndrive 'falling' down can cause severe bodily injuries.

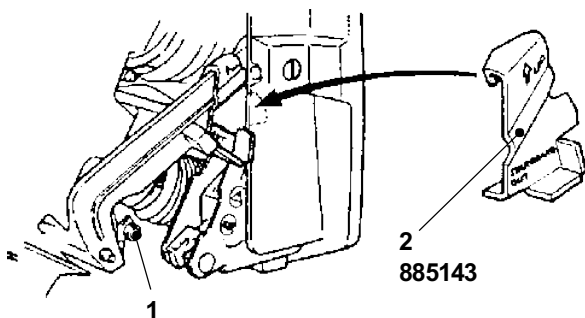
The suspension tool **884936**, when properly installed, prevents the sterndrive from 'falling' down. The suspension tool locks the sterndrive in its raised position. Install the suspension tool as follows:

Press the retaining pawl (1) by hand downwards and lift the sterndrive, also by hand, to its fully raised position. Hold the sterndrive in this position while installing the suspension tool (2) as indicated in the picture.

NOTE! Do not overload the suspension tool by for example standing on the raised sterndrive!

It is also possible to raise the sterndrive by operating the sterndrive tilting motor sufficiently to allow the disassembly and assembly respectively of the rubber bellows.

NOTE! Secure the sterndrive in its raised position to prevent it from 'falling' down!



6b. Sterndrive models 290 and 290A:

⚠ IMPORTANT! Carefully check the rubber bellows for possible damage and also check that the hose clamps are properly tightened.

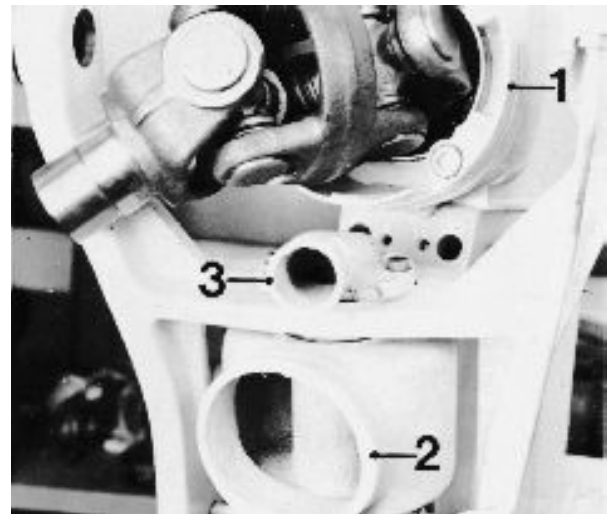
NOTE! The universal joint bellows and its hose clamps should be replaced every other year. Contact an authorized service workshop and let them do the checking and replacing of the rubber bellows.

⚠ WARNING! Never start working on the sterndrive rubber bellows or on the hydraulics until the sterndrive is securely locked in its raised position in a way that it cannot 'fall' down. A sterndrive 'falling' down can cause severe bodily injuries. The suspension tool when properly installed, prevents the sterndrive from 'falling' down.

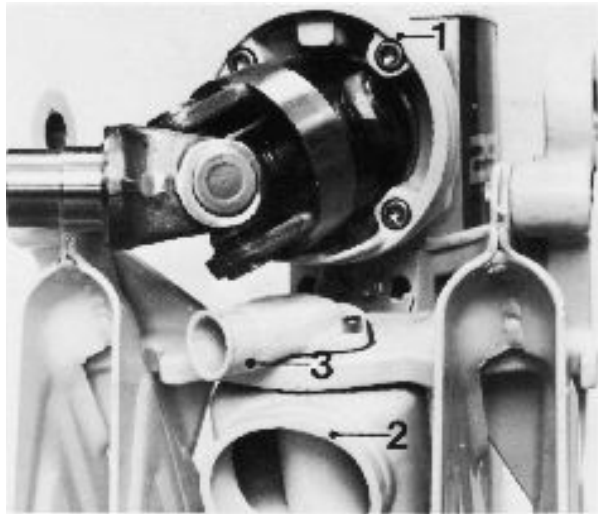
The suspension tool **885143** locks the sterndrive in its raised position. Install the suspension tool as follows:

Press the retaining pawl (1) by hand downwards and lift the sterndrive, also by hand, to its fully raised position. Hold the sterndrive in this position and install the suspension tool (2) on the starboard side in accordance with the picture.

NOTE! Do not overload the suspension tool by for example standing on the raised sterndrive!



7a. Sterndrive models 280 and 285: Remove the steering helmet and the universal joint rubber bellows from the upper gear housing (1), the exhaust bellows from the intermediary housing (2) and the cooling water hose from the cooling water connection (3). The universal joint rubber bellows must be replaced every other year.



7b. Sterndrive model 290: Remove the steering helmet and the universal joint rubber bellows from the upper gear housing (1), the exhaust bellows from the intermediate housing (2) and the cooling water hose from the cooling water connection (3). The universal joint rubber bellows must be replaced every other year.



8b. Sterndrive model 290: Remove the two locking screws holding the shaft journals in the transom shield. Support the sterndrive from underneath and knock out the shaft journals using a brass drift or some similar tool. Lift off the sterndrive and place it in a suitable cradle.

NOTE! Always replace the bushings (1).



8a. Sterndrive models 280 and 285: Remove the two locking screws holding the shaft journals in the transom shield. Support the sterndrive from underneath and pull out the shaft journals, using special tool **884874**. A brass drift can also be used. Lift off the sterndrive and place it in a suitable cradle.

NOTE! Always replace the bushings (1).