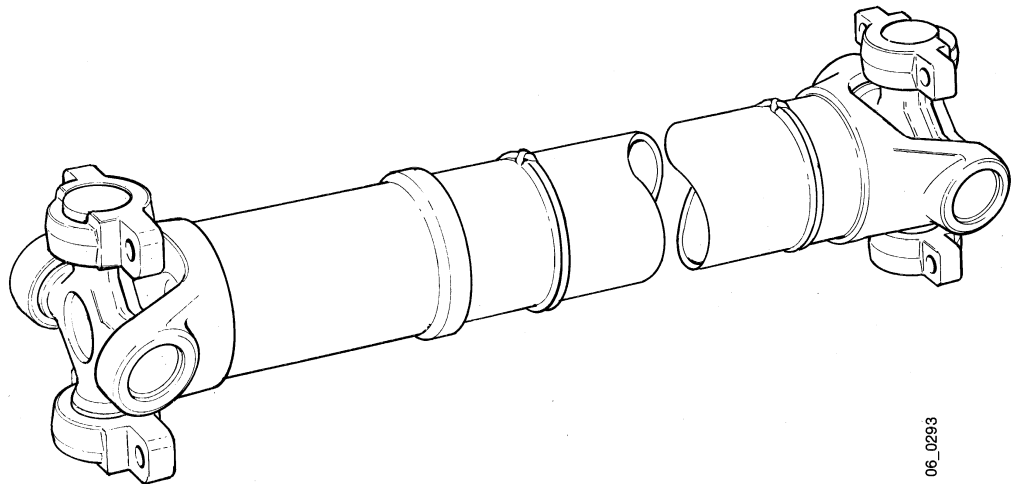


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Issue 1 en

Maintenance free propeller shaft



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General

Cleanliness is very important when working on maintenance free propeller shaft bearings and sliding surfaces.

Contamination will shorten the service life of the bearings significantly.

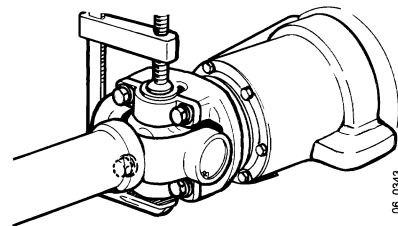
IMPORTANT! Do not clean the universal joint crosses, support bearings or the slide joint with high pressure cleaning equipment. Water may enter the seals and cause damage.

This booklet contains information on the differences between maintenance free propeller shafts and ordinary propeller shafts.

For a complete work description, see the Workshop manual group 6.

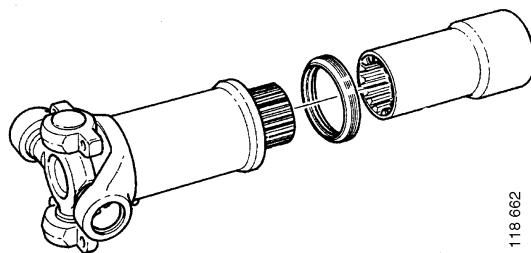
Universal joint cross

- If any of the bearing shells falls off a new universal joint cross and new bearing shells must be fitted. When removing the universal joint cross a screw clamp must be used to keep the bearing shells in position.
- The bearing cups are filled with the correct amount of special grease from the factory and must not be refilled.
- The bearing surface of the universal joint cross is very sensitive. Renew the universal joint cross and the bearing shells in case of any (however small) damage.
- Check the movement of the universal joint cross. It should be smooth and there should be some resistance. It should be possible to change the position of the universal joint cross by hand.



Sliding joint

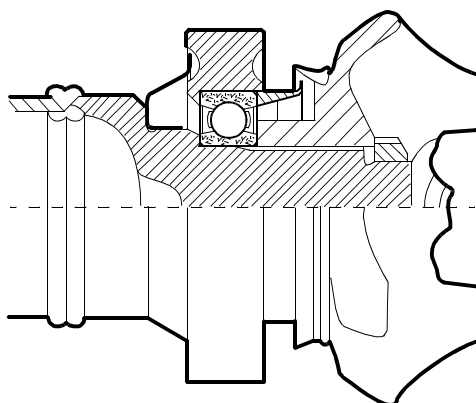
- The sliding joint is greased with special grease from the factory and should not be dismantled.
- If it is necessary to dismantle the sliding joint, apply special grease (part no. 584 128) to the splined journal and press it into the splined sleeve.



118 662

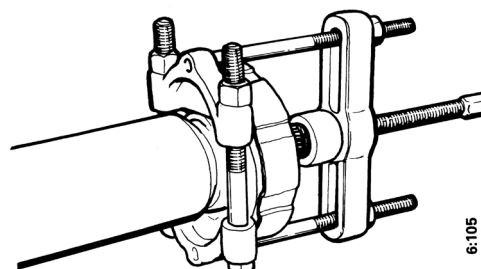
Note: No other grease may be used.

Support bearing



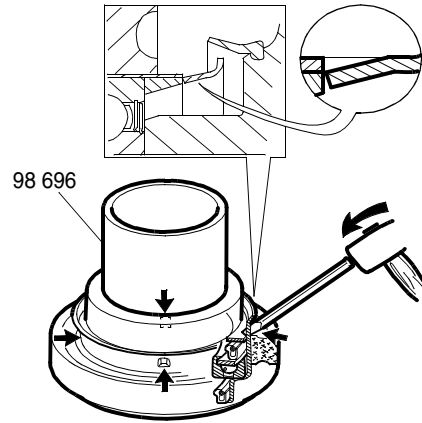
118 665

- When removing the protection plate and the bearing support using pullers 587 428, 587 432 and drift 98 575.

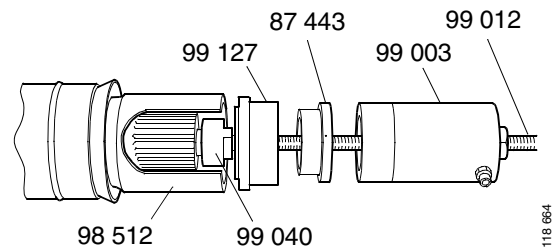


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- Press in the bearing and insert the washer with the thick end towards the bearing. Use drift 98 696. (The drift is manufactured as in the figure in service booklet 06:01-01)
- Press down carefully. Tap in the four tabs max 2 mm.



- Fit the protection plate first. Use drift 87 443, 98 512, 99 127, rod 99 012, pusher adapter 99 040, hydraulic piston 99 003 and hydraulic pump 99 004.



- Fit the bearing seat. Use rod 99 012, pusher adapter 99 040, hydraulic piston 99 003 and hydraulic pump 99 004.

