

33 11 021**Replacing radial shaft seal for drive flange on rear axle final drive****Special tools required:**

- [00 5 010](#)
- [33 5 050](#)
- [33 5 060](#)
- [33 5 070](#)
- [33 5 080](#)
- [00 5 500](#)
- 33 3 390
- 33 3 470
- 33 3 440

**Important!**

Use only [approved gearbox oils](#).

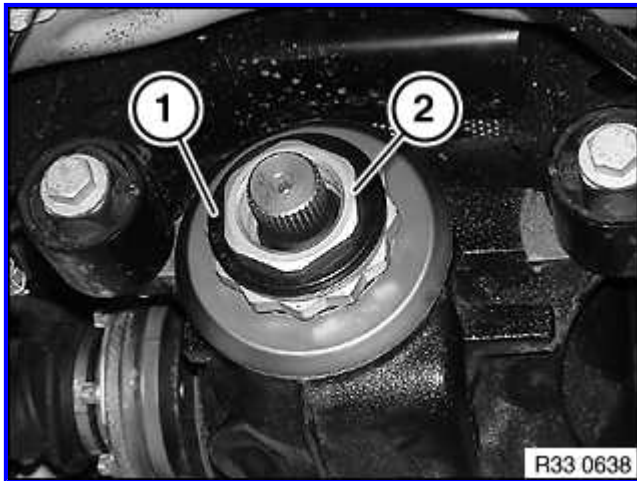
Failure to comply with this instruction will result in serious damage to the rear axle final drive!

**Necessary preliminary work:**

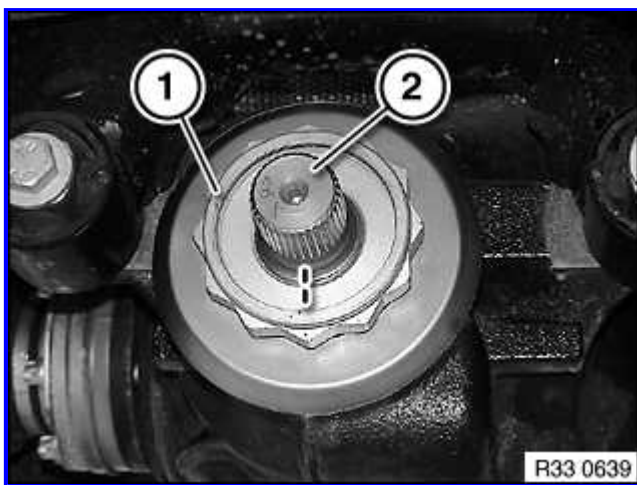
- Remove [propeller shaft at final drive](#).
 - Disconnect propeller shaft at rear axle differential.
 - Release centre mount.
 - Tie up propeller shaft to underbody.

Attention:

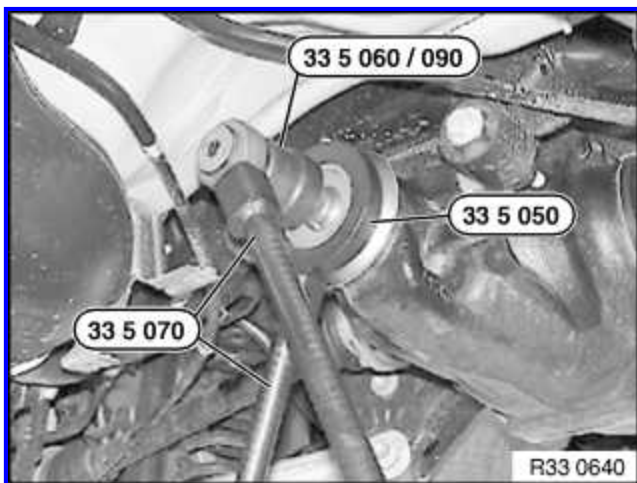
Bending the propeller shaft by an excessive angle can cause premature damage to the joint/propeller shaft!



Remove retaining clip (1) and sunk nut (2) with diaphragm seal.

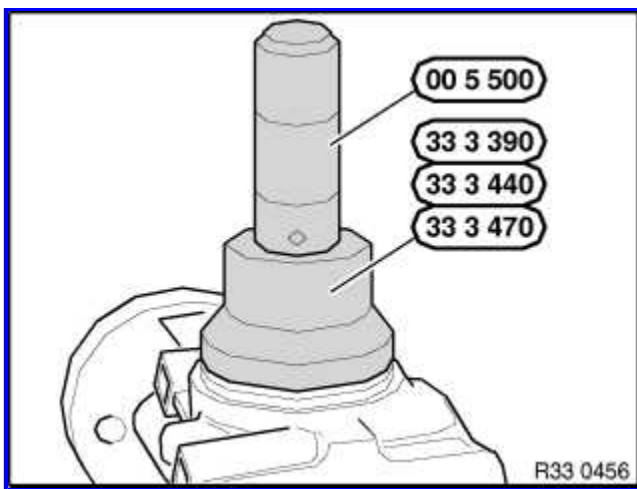
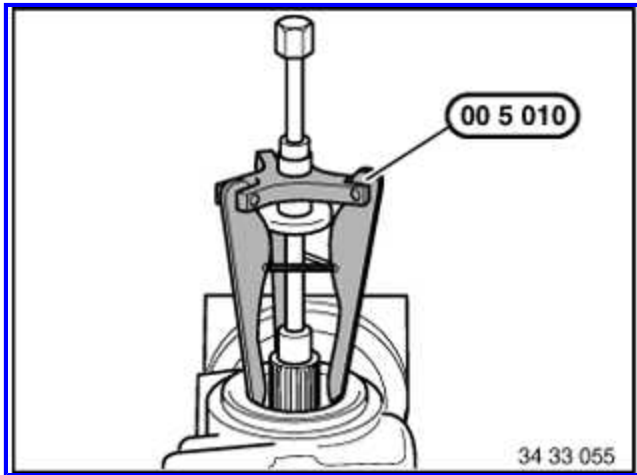


Mark position of flange nut (1) to bevel pinion (2).



Release flange nut with special tools [33 5 050](#) and [33 5 070](#) by gripping bevel pinion with special tools [33 5 060](#) and [33 5 070](#).

Pull out radial shaft seal with special tool [00 5 010](#).



Drive in new radial shaft seal with the following special tools (depending on [rear axle final drive](#)) until limit position.

- 168LW: Use special tools [00 5 500](#) and 33 3 390
- 188LW: Use special tools [00 5 500](#) and 33 3 470
- 215LW: Use special tool [00 5 500](#) and 33 3 440 (new number [33 5 080](#))



Clean bevel pinion thoroughly to remove remnants of screw locking agent.

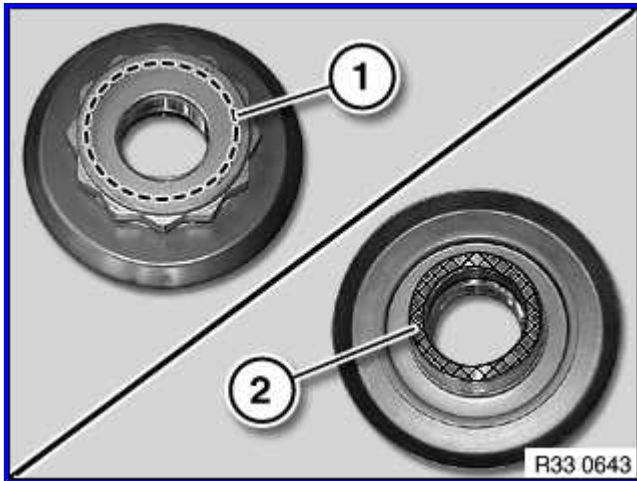
Check dust plate for damage, replace if necessary.

Important!

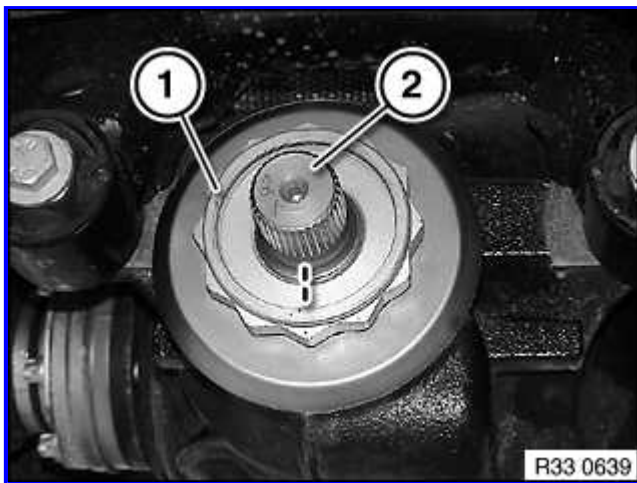
Clean flange nut thoroughly to remove remnants of grease and screw locking agent.

Pack collar insert (1) of flange nut with [grease](#).

Apply a thin coating of [grease](#) to shaded area (2) of flange nut.

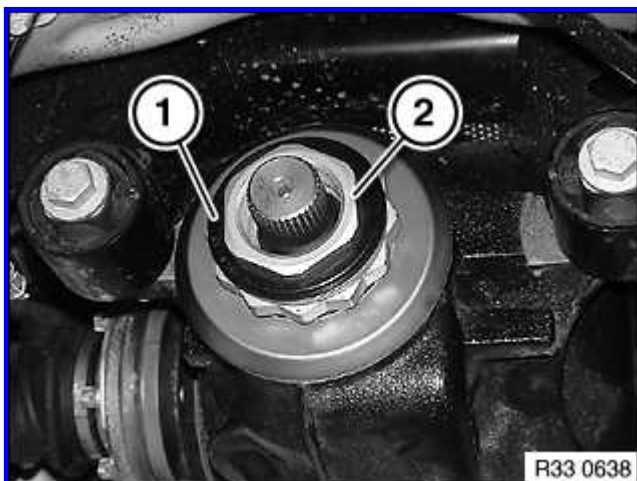


Coat at least four thread turns of flange nut with "DREI BOND adhesive type 1385".



Important!

In order to avoid damaging the rear axle final drive, do not under any circumstances tighten down the flange nut (1) beyond the marker point of the bevel pinion (2).



Place insert nut (2) with diaphragm seal in flange nut.
Introduce retaining clip (1).

After installation:

- Check [transmission oil level](#), correct if necessary.

