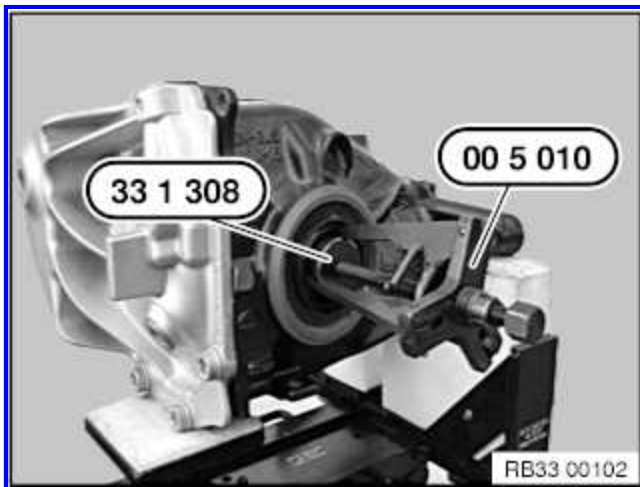


33 10 023**Replacing radial shaft seal for output shaft at rear axle differential, left or right****Special tools required:**

- [00 5 010](#)
- [33 1 308](#)
- [00 5 500](#)
- [33 4 320](#)

**Necessary preliminary tasks:**

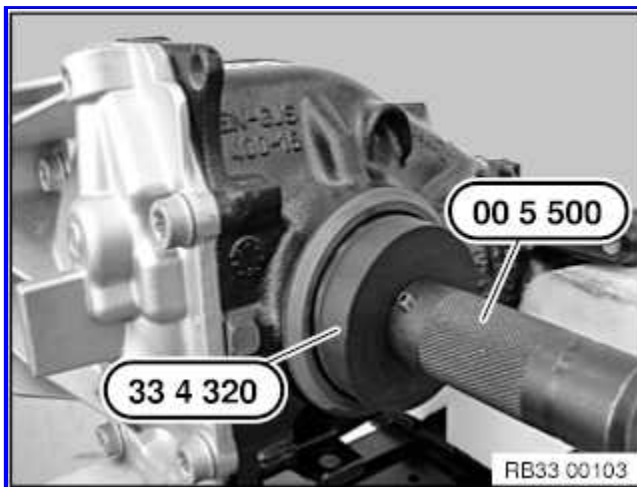
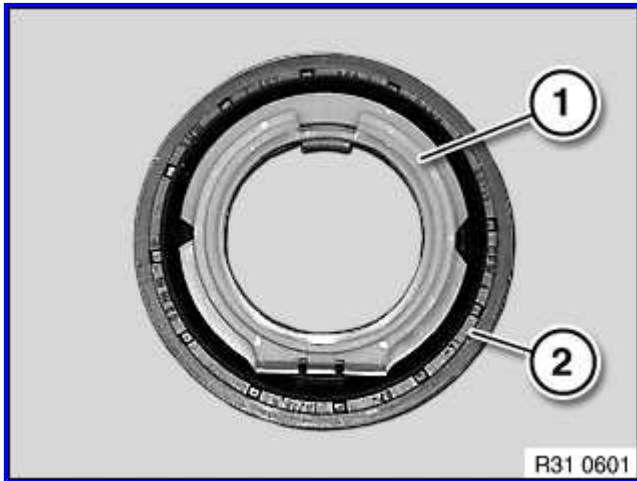
- Remove [rear axle final drive](#).



Pull out radial shaft seal with special tools [00 5 010](#) and [33 1 308](#).

Note:

The installation protective ring (1) serves to protect the sealing lips of the radial shaft seal (2) when installing the output shaft.

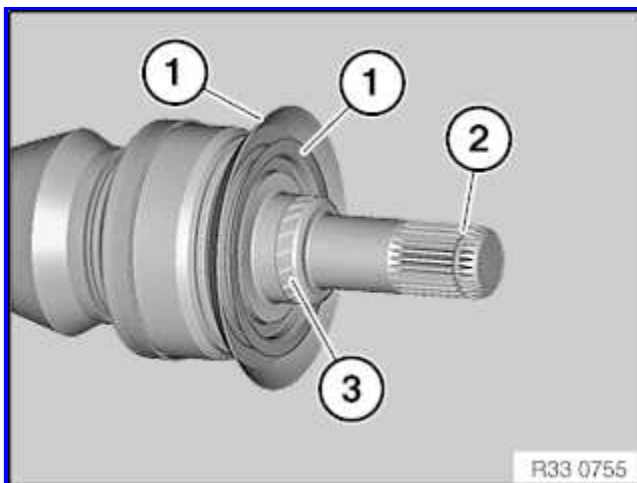


Important!

Installation protective ring must not slip out of shaft seal!

Coat housing sheet metal flange and sealing lips of new radial shaft seal with [approved final drive oil](#).

Drive new radial shaft seal firmly home with special tools [00 5 500](#) and [33 4 320](#).



Important!

High installation forces indicate that the output shaft spline teeth are damaged or deformed!

Installation note:

Check gearing and replace components if damaged.

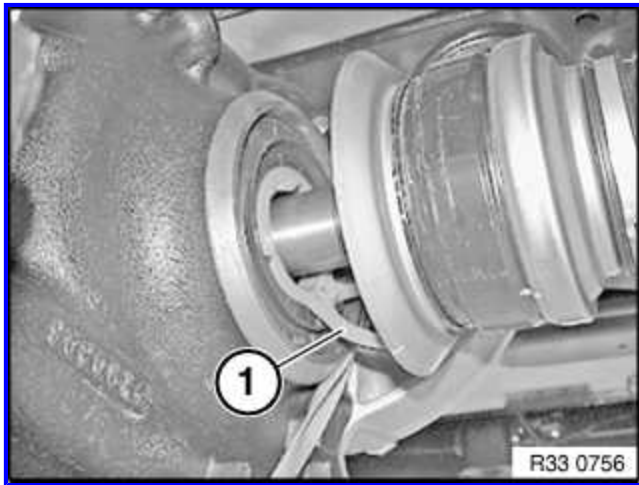
Check dust plate (1) for damage, renew if necessary.

If the previous output shaft is reinstalled, circlip (2) must be renewed.

Coat highlighted contact surface (3) of output shaft with [approved final drive oil](#).

Insert output shaft into rear axle final drive.

Pull out assembly protection ring at lug (1) until one of the two predetermined breaking points gives.

**After installation:**

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