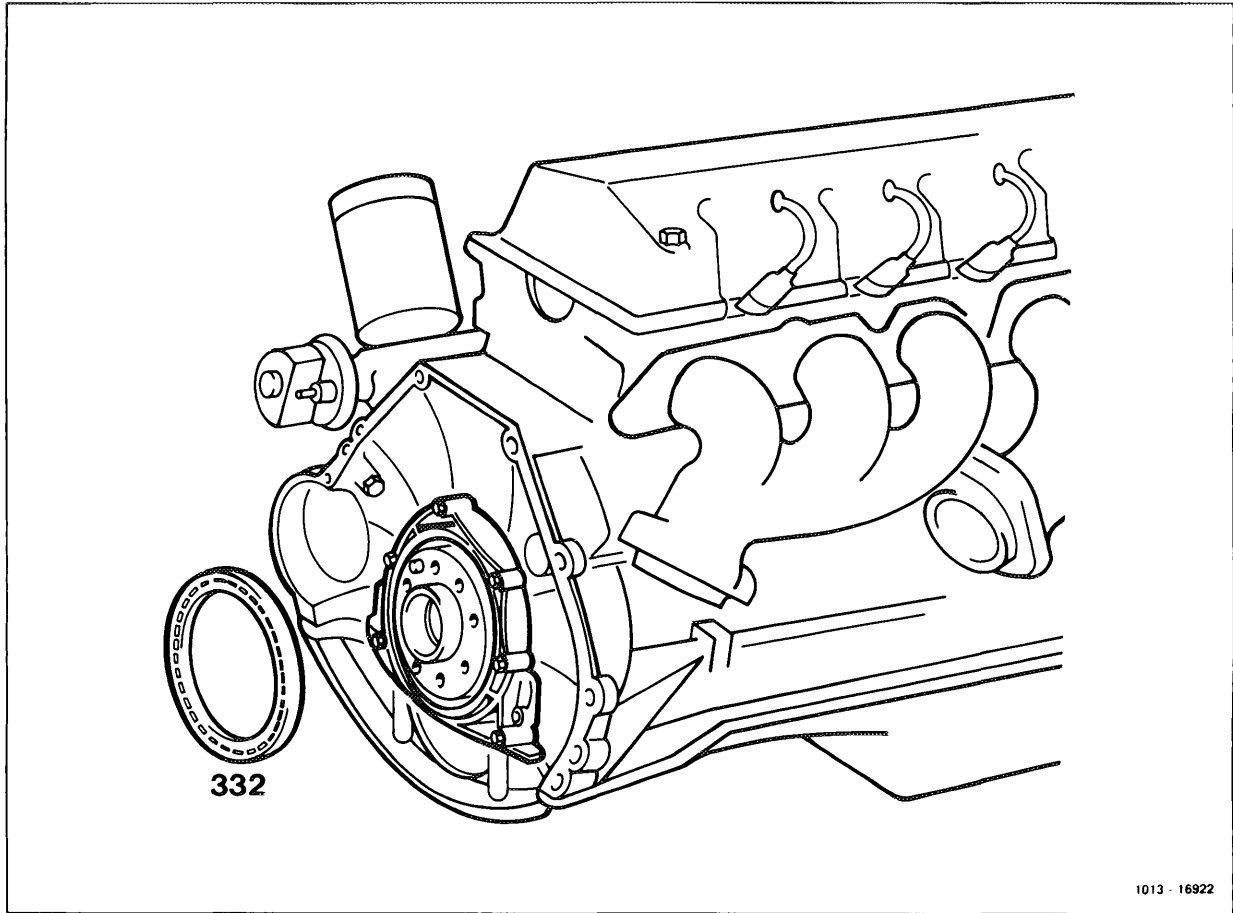


03-327 Renewing Rear Crankshaft Radial Seal

Transmission removed.

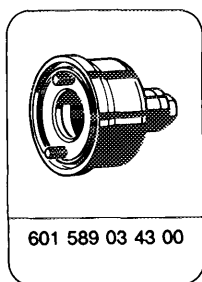
Job No. of job texts and job values or standard
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1013 - 16922

Hood	raise to vertical position (01-008).
Ground cable to battery	detach, attach.
Flywheel or driven plate	remove (03-410).
Radial seal (322)	remove, renew and install.
Mounting hole	clean, check.
Sealing lip	coat with engine oil.
Oil level in engine	check, correct.
Engine in installation position	support, secure.
Leaktightness with engine running	check.
Flywheel or driven plate	install.

Special tool



Note

The radial seal is press-fitted flush in the closing cover without sealant. The closing cover is fixed to the crankcase with 2 fit pins and bolted on.

An oil leak can be detected after spraying the cleaned and dried area with Mercedes-Benz white contrast spray 000 989 03 59.

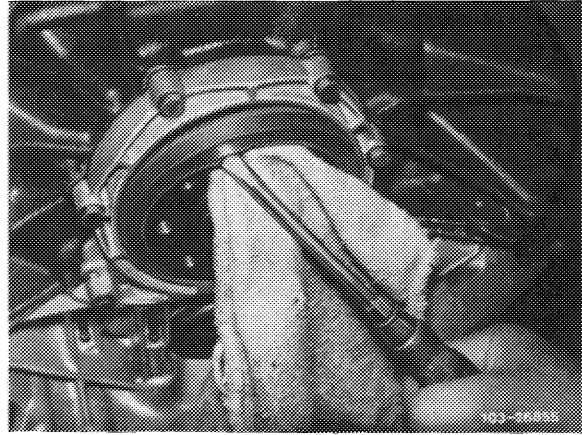
The radial seal has a sealing lip offset by 3 mm to the inside for the repair.

The mounting holes in the crankshaft are designed as blind holes.

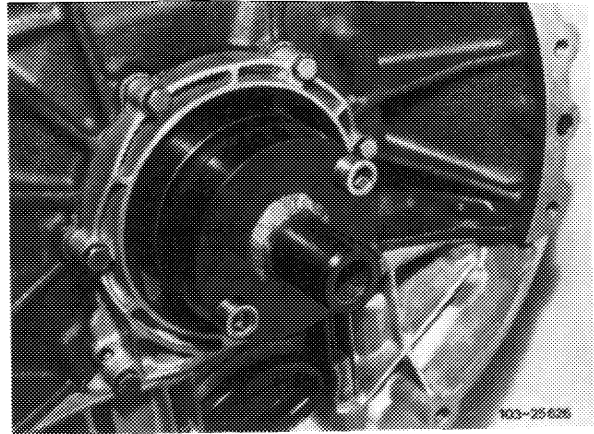
- 1 Raise hood to vertical position (01-008).
- 2 Detach ground cable at battery.
- 3 Remove flywheel or driven plate (03-410).

4 Use a screwdriver to press the radial seal out of the closing cover. Ensure that the crankshaft flange and the mounting hole in the closing cover are not damaged when performing this step.

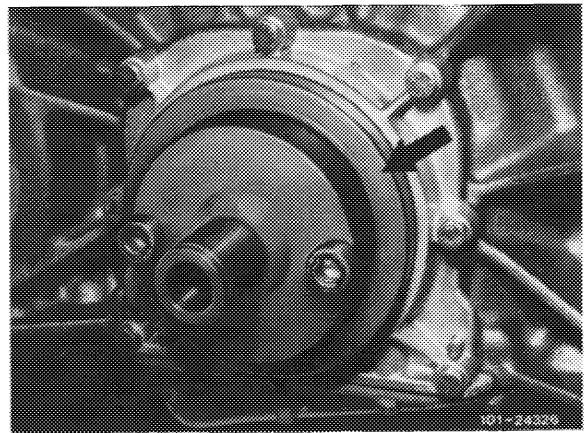
Cover over crankshaft flange with a cloth.
If necessary, deburr mounting hole.



5 Bolt inner section of installation tool 601 589 03 43 02 to the crankshaft flange.



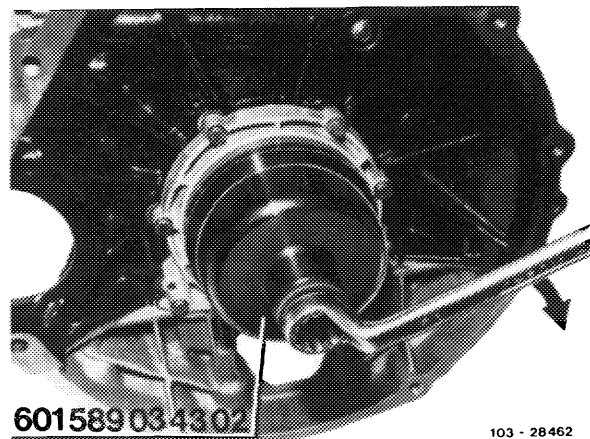
6 Push radial seal (arrow) over the inner section of the installation tool.



7 Press radial seal into the closing cover as far as the stop until flush using the outer section of the installation tool 601 589 03 43 02.

Note

The radial seal must be at right angles to the crankshaft flange otherwise it will not provide a proper seal.



8 Coat sealing lip of radial seal with engine oil.



Do not use any grease. Grease prevents the inclined webs on the sealing lip from transporting back the engine oil.

9 Check oil level in engine and adjust to correct level.



Before starting engine, move into installation position and secure at the rear by supporting.

10 Attach ground cable to the battery.

11 With the engine running, check for signs of leaks before installing transmission.

12 Install flywheel or driven plate (03-410).