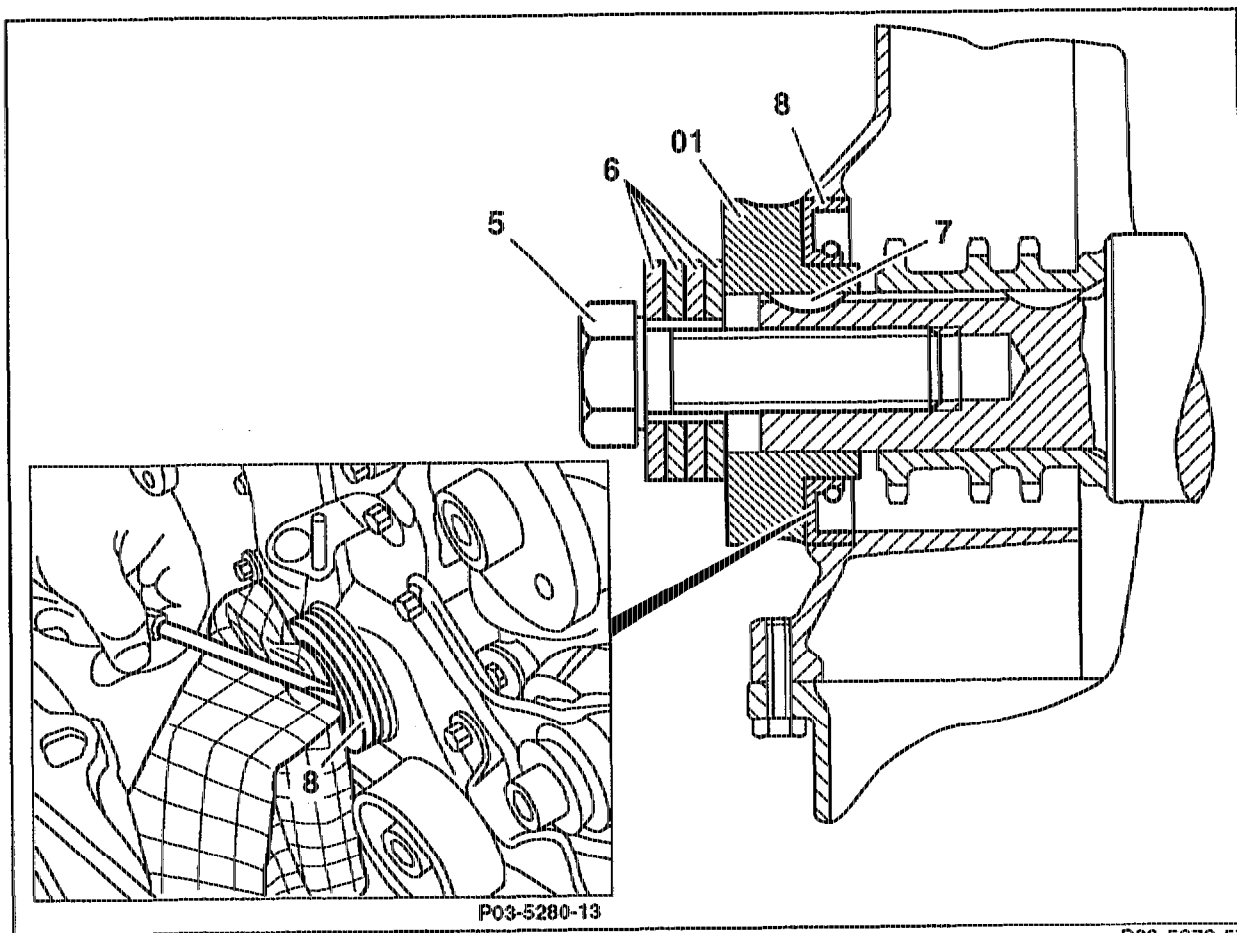


03-3240 Replacing front crankshaft radial seal

Preceding work:
Belt pulley/vibration damper removed (03-3420).

Operation no. of operation texts and work units or standard texts
and flat rates:
03-3000



Bearing surface of hub of belt pulley/
vibration damper

inspect.

Radial shaft seal (8)

Note

If bearing surface has grooves, use repair radial shaft seal with sealing lip offset 2 mm to inside or press in standard radial seal about 2 mm deeper.

prise out with screwdriver.



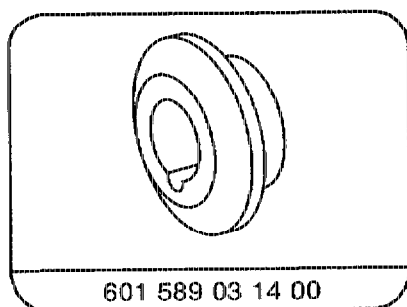
Do not damage crankshaft and mounting hole for radial shaft seal (8). Use clean cloth as base.

Edge of mounting hole for radial seal (8)

deburr.

Radial shaft seal (8)	oil at sealing lip.
	
	Do not use grease. Grease prevents the return swirl on the sealing lip of the radial shaft seal (8) feeding back the engine oil.
Radial shaft seal (8)	fit onto insertion sleeve (1) 601 589 03 14 00
Insertion sleeve (01)	fit on so that groove in insertion sleeve (01) is aligned with woodruff key (7).
Insertion sleeve (01)	pull in with bolt (5) and 4 dished washers (6) as far as stop.
	Note
	The radial shaft seal (8) must be positioned at right angles to crankshaft bearing journal otherwise it will not provide a proper seal.
Belt pulley/vibration damper	install (03-3420).
Engine	run, check for leaks.

Special tool



Note

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