



Fig. 1: Clutch with pilot bearing

Functions of the Pilot Bearing:

- Guides the transmission input shaft
- Ensures optimal clutch functioning

A worn pilot bearing causes:

- Wear on the hub profiles from transmission input shaft and clutch disk
- Separation problems
- Damage to the clutch
- Angular misalignment from crankshaft to transmission input shaft
- Noise when changing gears
- Premature wear out of the transmission synchronization



Replace the pilot bearing with a new part with each clutch repair. Use only the appropriate special tools for deinstallation and installation of the pilot bearing. When mounting the pilot bearing, make sure that the seal ring is on the clutch side. Depending on the type of design, pilot bearings are inserted in some vehicles without a seal ring.



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