

Removal and Installation of Propeller Shaft

Job No.

41-1

On Models 180 to 220 SE the removal and installation procedures for the propeller shaft are essentially the same as on Model 190. However, on Model 220 a and on older cars of Models 180, 180 D, and 190 SL the propeller shaft can only be removed toward the rear when the rear axle has been removed or it can be removed toward the front when the engine and the transmission have been removed, since on these cars the rear aperture in the propeller shaft housing at the point where the rib has been welded to the housing is smaller than on recent cars.

Disassembly and Reassembly of Propeller Shaft

Job No.

41-4

On Models 180 to 220 SE the disassembly and reassembly procedures for the propeller shaft are essentially the same as on Model 190.

The following points deserve attention:

a) Three-Way Flange on Front Propeller Shaft

The three-way flanges on the front propeller shaft have varying bolt-hole circles on the individual models (see table).

| Model | Bolt-hole circle of three-way flange mm |
|--|---|
| 180, 220 a | 80 |
| 180 D up to Chassis End No. 65 01919 | |
| 190 SL up to Chassis End No. 65 00172 | |
| 219 up to Chassis End No. 65 00740 | |
| 180 a, 180 b, 180 Db, 190, 190 b, 190 D, 190 Db, 220 S, 220 SE | 90 |
| 180 D as from Chassis End No. 65 01920 | |
| 190 SL as from Chassis End No. 65 00173 | |
| 219 as from Chassis End No. 65 00741 | |

When repairs are carried out on older cars of these models, a front propeller shaft with a three-way flange (90 mm bolt-hole circle) can be installed, provided that the three-way flange on the transmission is replaced at the same time.