

## C. Bilstein Shock Absorbers

On Model 220 SE and Model 220 S as from chassis end No. 85 09110 and from chassis end No. 75 10452 to 75 11075 rear Bilstein shock absorbers were installed as standard parts. The front shock absorbers are F. & S., Tov 36×130, Part No. 180 323 00 00. However, a number of cars were also provided with Bilstein front shock absorbers.

### a) Suspension of Bilstein Shock Absorbers

The suspension of the Bilstein shock absorbers differs from that of the F. & S. and the Stabilus shock absorbers (Figs. 32-1/2 and 32-1/3).

Front suspension

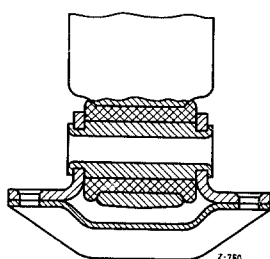
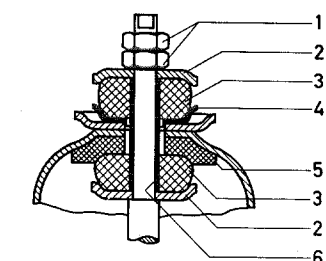
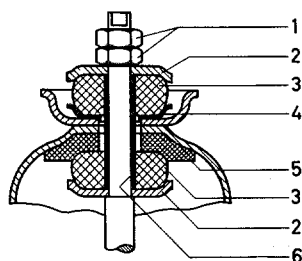


Fig. 32-1/2

- 1 Hexagon nut
- 2 Cup
- 3 Rubber ring
- 4 Cup
- 5 Rubber cup
- 6 Spacer sleeve

Rear suspension

1st version



2nd version

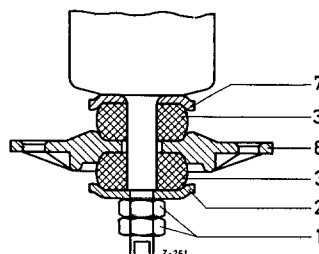
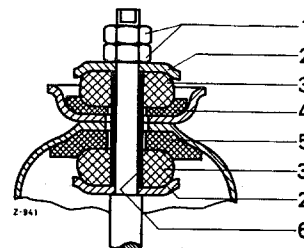


Fig. 32-1/3

- 1 Hexagon nut
- 2 Cup
- 3 Rubber ring
- 4 Cup
- 5 Rubber cup
- 6 Spacer sleeve
- 7 Cup
- 8 Adapter

**Note:** Models 220 SE and 220 S as from chassis end No. 85 10200 have the 2<sup>nd</sup> version rear shock absorber suspension. The 2<sup>nd</sup> version differs from the 1<sup>st</sup> version in that the sheet metal cup (4) has been replaced by a rubber cup Part No. 000 323 11 62 in order to prevent suspension noises.

### b) Installation Hints for Bilstein Shock Absorbers

Close attention should be paid to the following points when installing Bilstein shock absorbers:

1. Before installing the shock absorber check whether the top and bottom suspension points on the vehicle are satisfactory and free from burrs, welding projections, deformation, and foreign bodies.