Data

Torsion bar		Rubber mount of torsion bar bearing	
Part no.	Diameter	Part no.	Bore dia.
116 326 15 65	18 ± 0.3	116 326 08 81	16.5–0.5

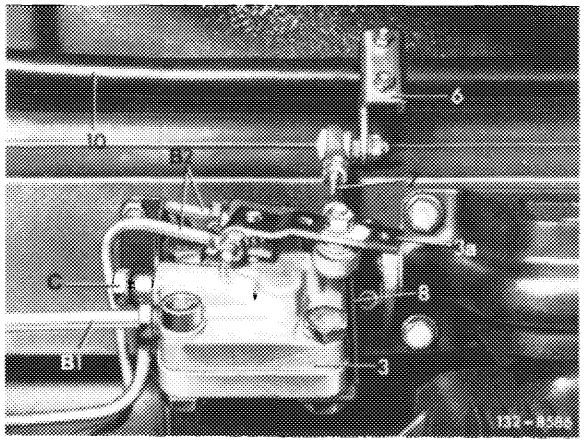
Tightening torques	Nm	(kpm)
Hex bolts of torsion bar bearing	70	(7)
Ball joints of connecting rods for torsion bar	45	(4.5)

Note

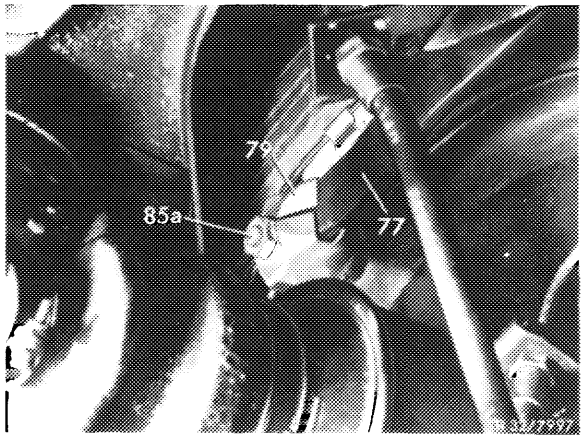
The following jobs apply only if the torsion bar is removed without connecting rods.
When removing torsion bar with connecting rods, jack-up vehicle at the rear and remove rear wheels.

Removal

1 On vehicles with level control, separate connecting rod (7) for level controller from lever on torsion bar (6).



2 Loosen connecting rod (85a) left and right on torsion bar (77).

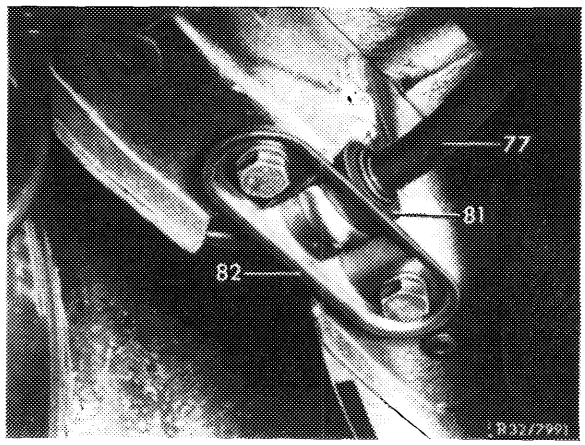


77 Torsion bar
79 Deflector plate
85a Ball joint

3 Unscrew holding bracket of torsion bar bearing left and right.

4 Loosen rubber rings of rear axle suspension, slightly lower exhaust line and support.

5 Remove torsion bar.

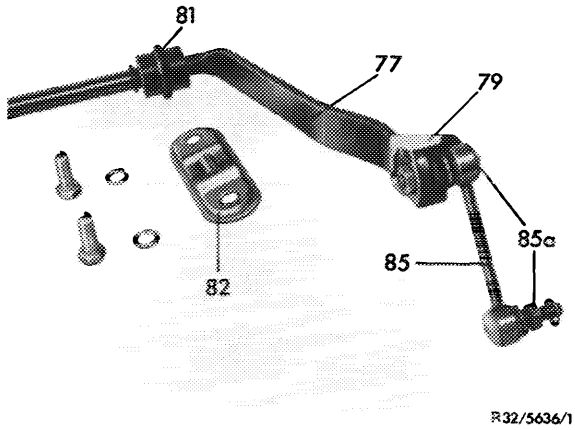


77 Torsion bar
81 Rubber mount
82 Holding bracket

Installation

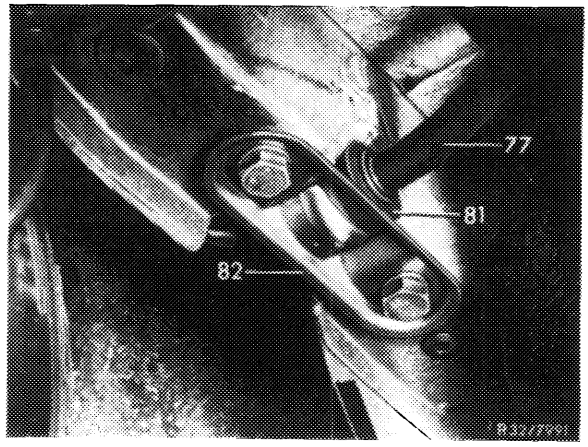
6 Check rubber mount of torsion bar bearing and connecting rods.

7 If required, mount lever for actuating level control on torsion bar.



77 Torsion bar
79 Deflector plate
81 Rubber mount
82 Holding bracket
85 Connecting rod
85a Ball joint

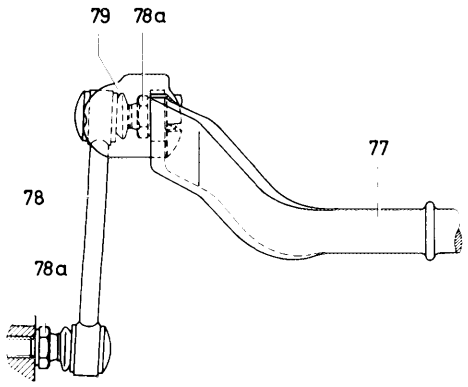
8 Introduce torsion bar. Slide rubber mount on torsion bar with parting slot in upward direction.

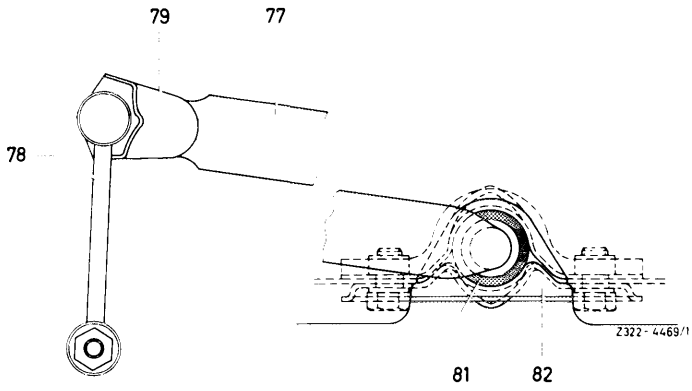


9 Mount bearing of torsion bar on frame floor.

10 Attach connecting rods left and right on torsion bar. Replace deflector plates, if required.

11 Mount rear exhaust line.





77 Torsion bar
78 Connecting rod for torsion bar
78a Ball pin with spring washer

79 Deflection plate
81 Rubber mount for torsion bar on frame floor
82 Lower holding bracket for torsion bar bearing

12 Additionally on vehicles with level control:

a) Connect connecting rod (7) on lever (6) to torsion bar.

b) Check vehicle level and correct, if required (40–310).