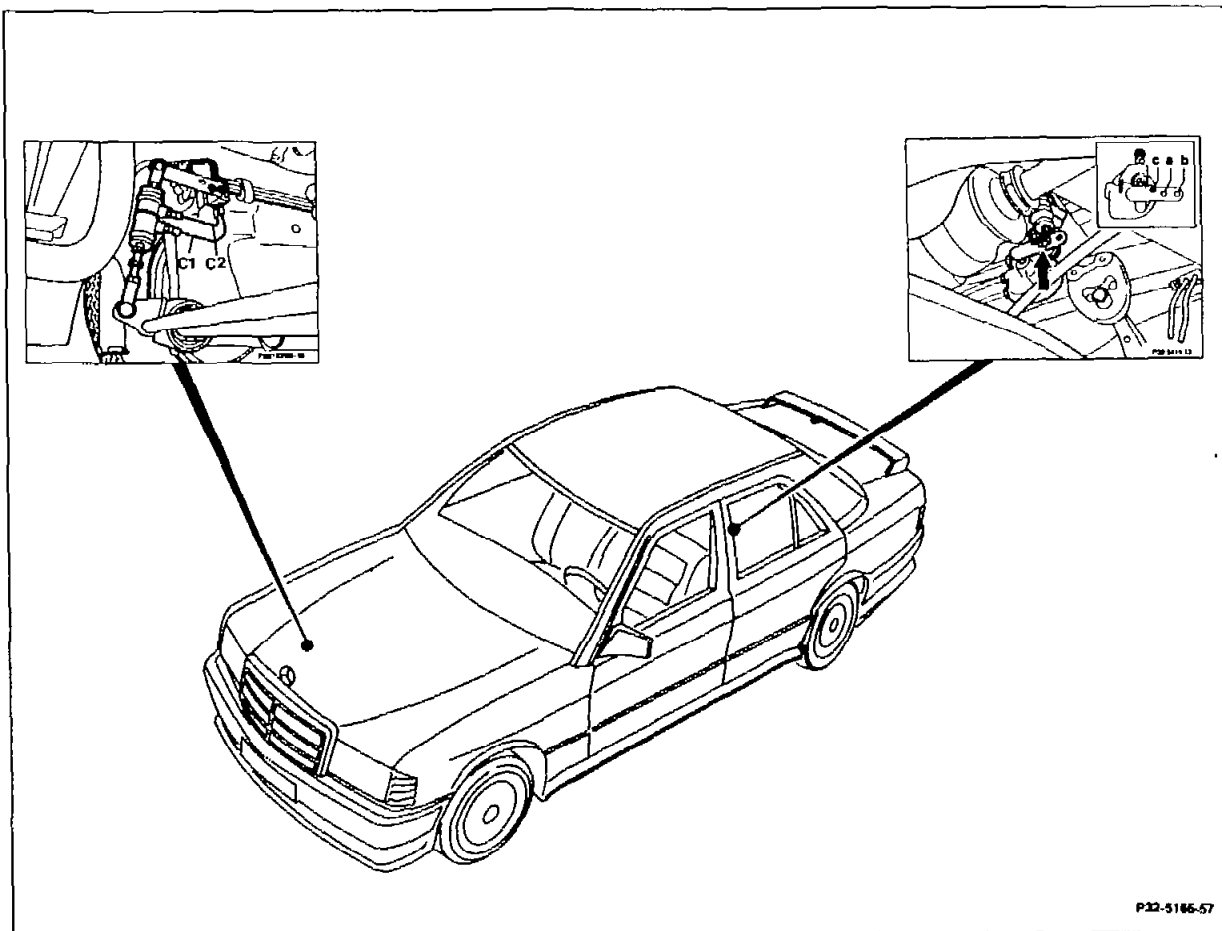


# 32-0660 Removing and installing control rod/connecting rod on level controller

Operation no. of operation texts and work units or standard texts and flat rates: 32-0000

## A Vehicles with level control on front and rear axles (models 201.034/035/036)

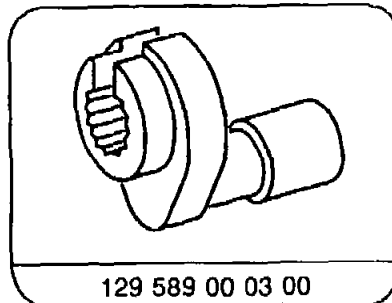
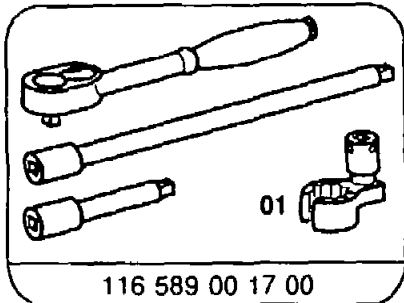


- |  |  |
|--|--|
| Control pressure lines (C1 and C2) ..... | Disconnect, connect using an open box wrench 129 589 00 03 00, 8 Nm.   |
| Control rods .....                       | Disconnect, connect at lever of level controller and torsion bar lever.<br>Replace self-locking hexagon nuts, 10 Nm. |
| Ball joint .....                         | Check for ease of movement and wear.   |

Retaining bracket ..... Check for firm seating on torsion bar.

Vehicle level at front and rear axles ..... Check (40-0300).

### Special tools



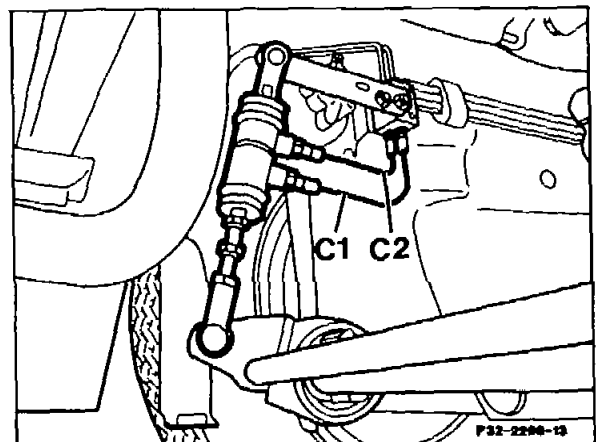
### Removing and installing

#### Front axle

1 Disconnect control pressure lines (C1 and C2) using an open box wrench.

#### Installation note

Tightening torque 8 Nm.

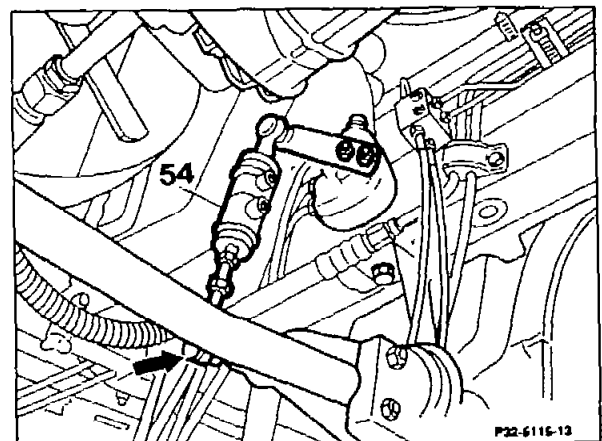


2 Disconnect control rod (54) from torsion bar lever (arrow).

#### Installation notes

Replace self-locking hexagon nuts, 10 Nm.

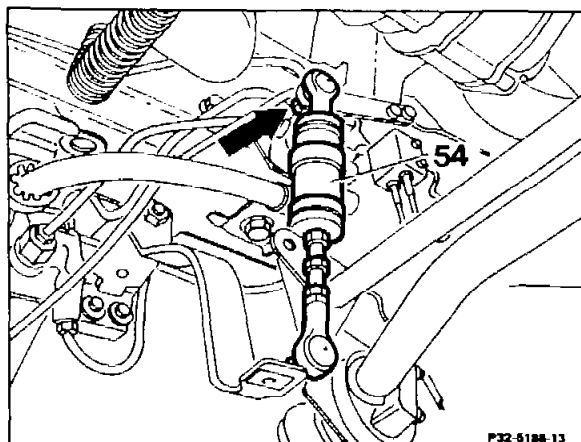
If a new control rod (54) was installed, check vehicle level at front and rear axles (40-0300).



3 Unscrew self-locking hexagon nut (arrow) and remove control rod (54).

**Installation note**

Replace self-locking hexagon nuts, 10 Nm.

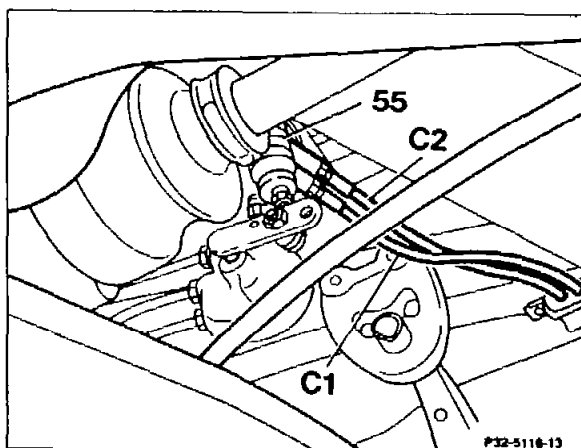


**Rear axle**

4 Disconnect control pressure lines (C1 and C2) from control rod (55) using an open box wrench.

**Installation note**

Tightening torque 8 Nm.

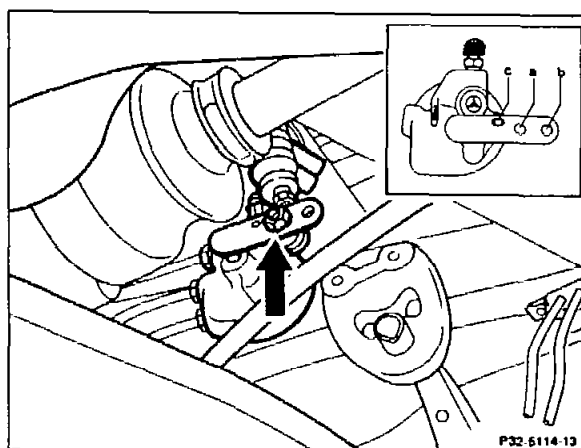


5 Unscrew self-locking hexagon nut (arrow).

**Installation notes**

If a new control rod was installed, check vehicle level at front and rear axles (4000300). Replace self-locking hexagon nut, 10 Nm.

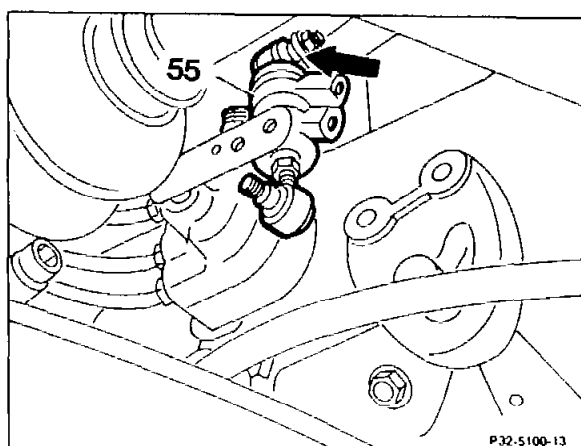
Model 201 in bore "a"



6 Disconnect control rod (55) from torsion bar lever (arrow) and remove.

**Installation note**

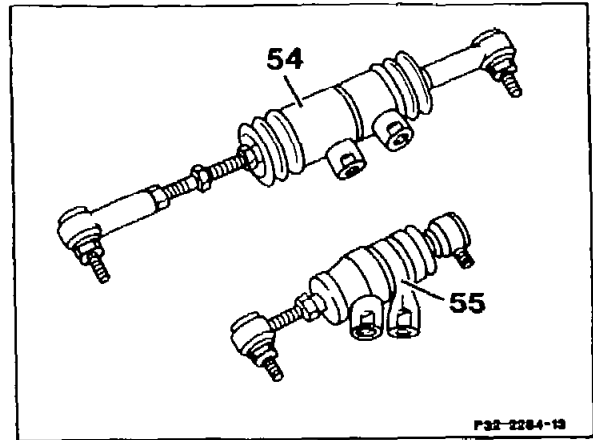
Replace self-locking hexagon nut, 10 Nm.



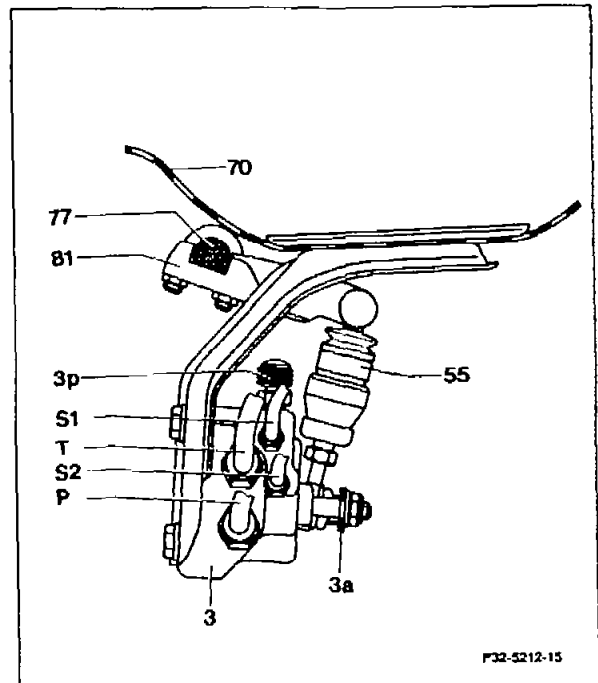
7 Check ball joints of control rods (54 and 55) for ease of movement and wear.

**Note**

The ball pin must not be pulled out of the ball pan.



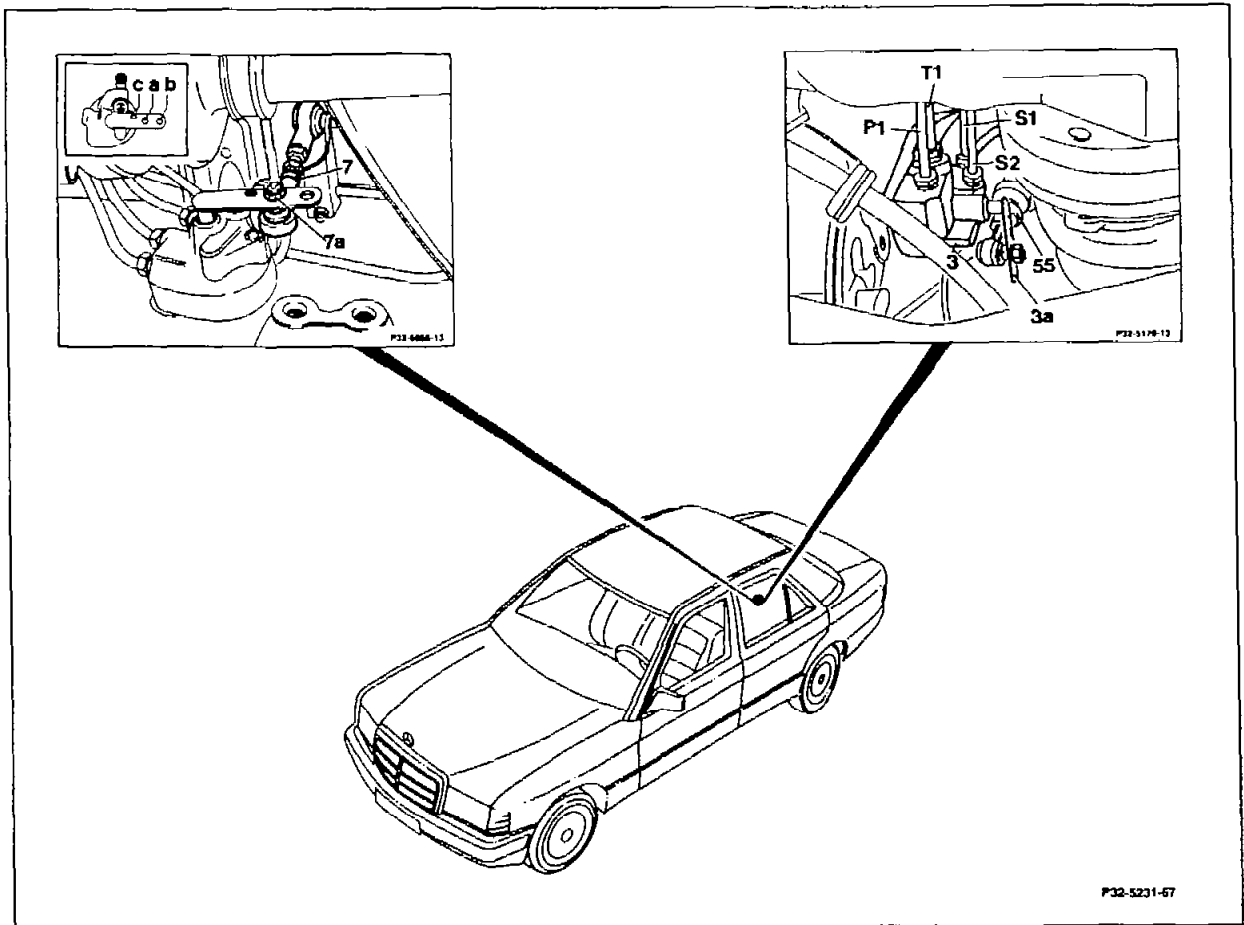
8 Check that lever (81) is firmly seated on torsion bar.



- 3 Level controller
- 3a Lever on level controller
- 3p Oil drain plug
- 77 Torsion bar
- 55 Rear axle control rod
- 70 Frame floor
- 81 Lever on torsion bar
- P Pressure line, distributor valve - level controller
- S1 Pressure line, level controller - right spring actuator
- S2 Pressure line, level controller - left spring actuator
- T Return line, level controller - distributor valve

9 Install in the reverse sequence.

**B. Vehicles with level control on rear axle (models 124 and 201)**



- |   |   |
|---|---|
| Connecting rod (7) .....                    | Disconnect, connect at lever of level controller and at torsion bar lever.<br>Replace self-locking hexagon nut (7a), 10 Nm. |
| Ball joints .....                           | Check for ease of movement and wear.  |
| Retaining bracket .....                     | Check for firm seating on torsion bar.  |
| Vehicle level at front and rear axles ..... | Check (40-0300).  |

## Removing and installing

- 1 Unscrew self-locking hexagon nut (7a) and detach connecting rod (7).

### Installation notes

If a new connecting rod was installed, check vehicle level at front and rear axles (40-0300) and check control point of level control system on rear axle (40-0310). Replace self-locking hexagon nut, 10 Nm.

- 2 Detach connecting rod from torsion bar lever and remove.

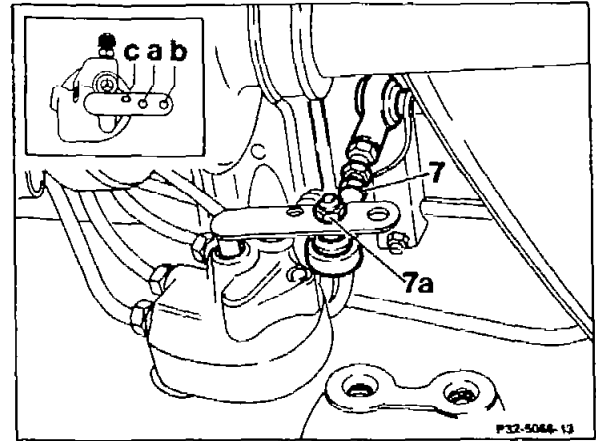
### Note

The ball pin must not be pulled out of the ball pan.

Replace self-locking hexagon nut, 10 Nm.

- 3 Check ball joints of connecting rod for ease of movement and wear.

- 4 Install in the reverse sequence.



Model 201 in bore "a"  
Model 124 in bore "b"

