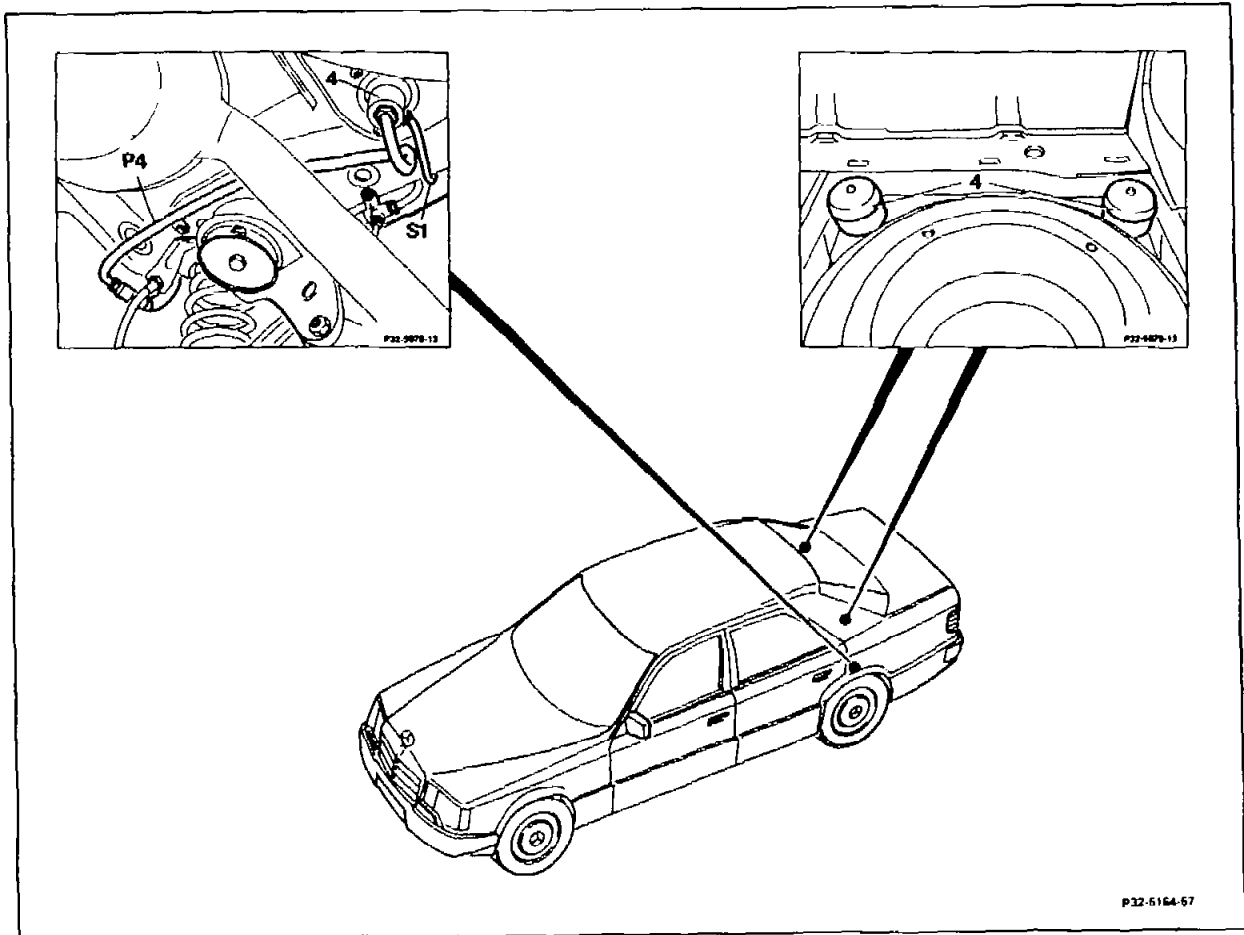


32-0620 Removing and Installing spring actuators

Preceding work:
Pressure oil system emptied (32-0630).

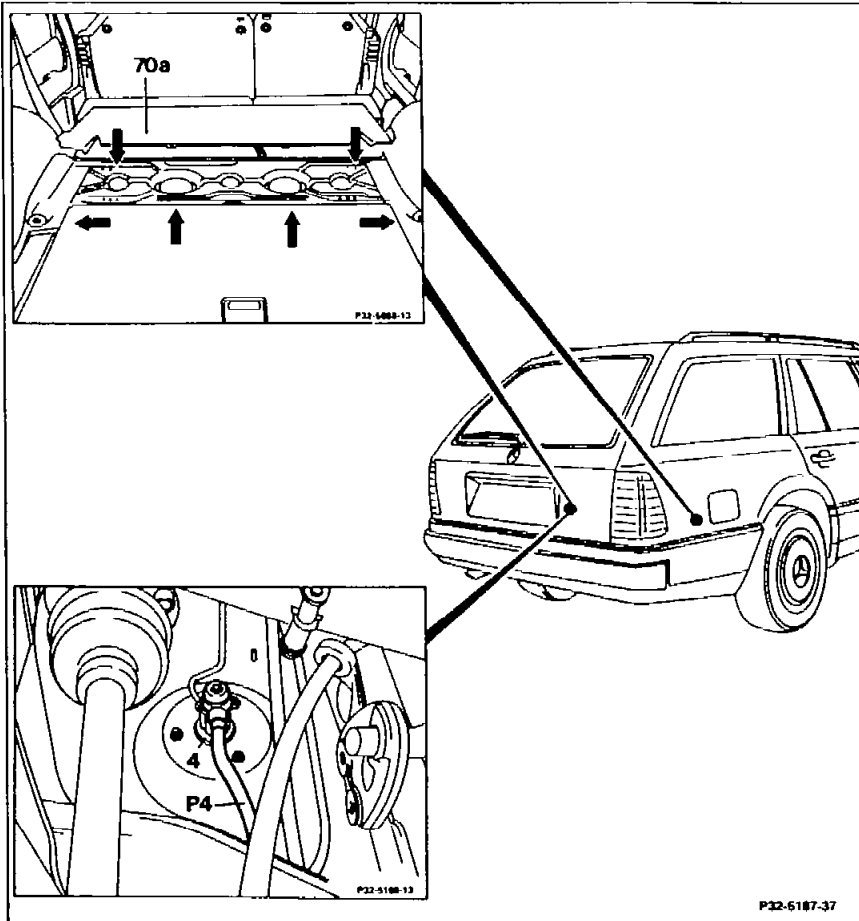
Operation no. of operation texts and work units or standard texts
and flat rates:
32-0830

A. Model 124



Model 124 Sedan and Coupé

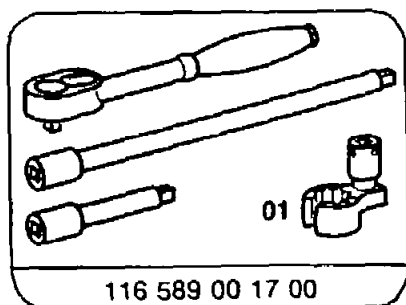
Pressure lines (S1, S2 and P4)	Disconnect, connect using an open box wrench 116 589 00 17 00. Ensure correct routing. M10 × 1: 14 Nm. M16 × 1.5: 30 Nm.
Self-locking hexagon nuts with washers	Unscrew, tighten, replace, 20 Nm.
Spring actuator (4)	Observe information on scrapping (step 11).



Model 124 T-model and vehicles with special bodies

- | | |
|--|--|
| Pressure lines (S1, S2 and P4) | Disconnect, connect using an open box wrench 116 589 00 17 00. Ensure correct routing. Replace solid copper sealing rings.
M10 × 1: 14 Nm,
M16 × 1.5: 30 Nm. |
| Self-locking hexagon nuts with washers | Unscrew, tighten, replace, 20 Nm. |
| Spring actuator (4) | Observe information on scrapping (step 11). |

Special tools



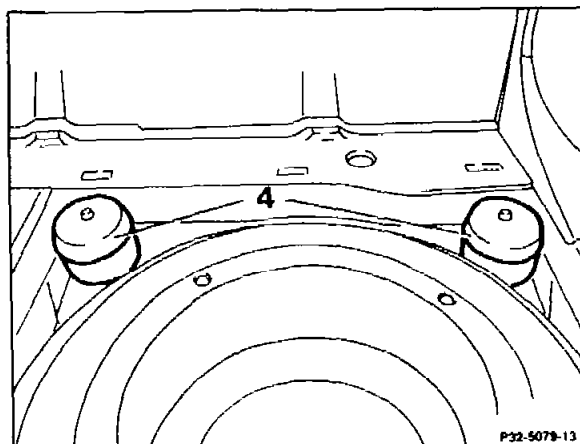
Note

Only replace defective spring actuators in pairs.
Refer to instructions in the Programmed Repairs 32.0700/3.

Removing and installing

Model 124 Sedan and Coupé

1 Remove spare wheel cover.



2 Disconnect pressure lines (S1, S2 and P4) from spring actuator (4) using an open box wrench.

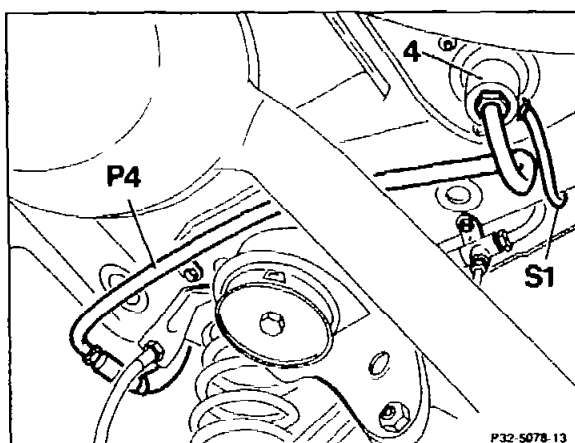
3 Seal off pressure lines and connections in spring actuator with suitable plugs.

Installation notes

Connect the pressure line (P4) so that it cannot chafe on the frame.

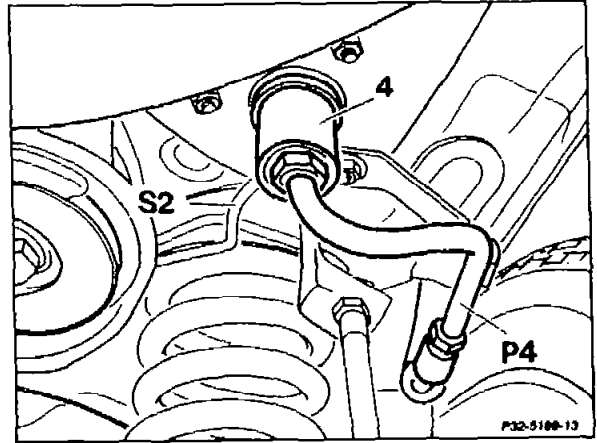
M10 × 1: 14 Nm.

M16 × 1.5: 30 Nm.



Left rear spring actuator

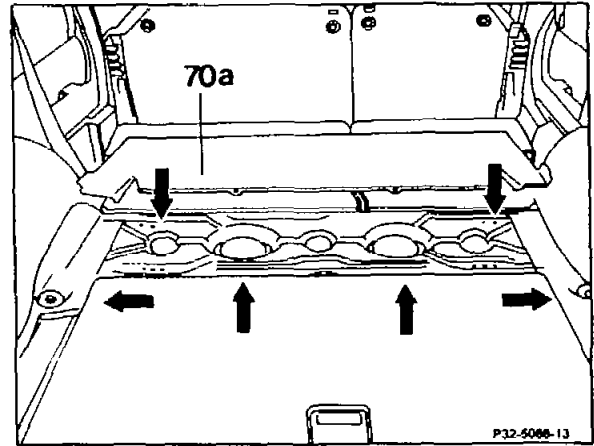
Right rear spring actuator



Model 124 T-model

4 Remove loading area cover (70a).

5 Unscrew six recessed head screws (arrows) and remove cover plate.



6 Disconnect pressure lines (S1, S2 and P4) from spring actuator (4) using an open box wrench.

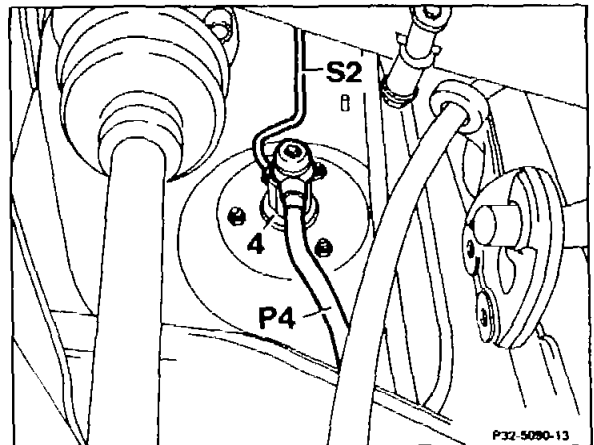
7 Seal off pressure lines and connections in spring actuator with suitable plugs.

Installation notes

Screw in the banjo bolt with new solid copper sealing rings and connect the pressure line (P4) so that it cannot chafe on the frame.

M10 × 1: 14 Nm,

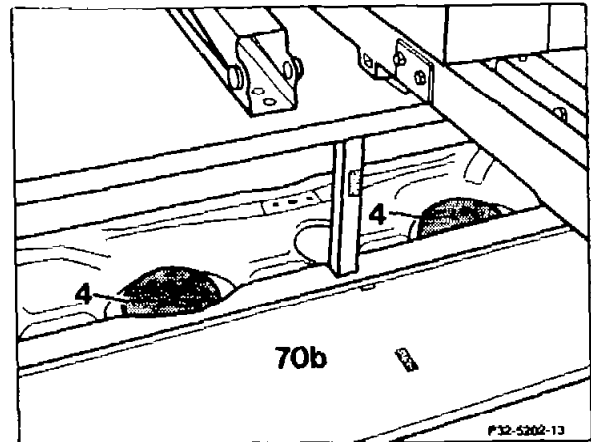
M16 × 1.5: 30 Nm.



Left rear spring actuator

Model 124, vehicles with special bodies

8 Open flap (70b) on front side of delivery area.



9 Disconnect pressure lines (S1, S2 and P4) from spring actuator (4) using an open box wrench.

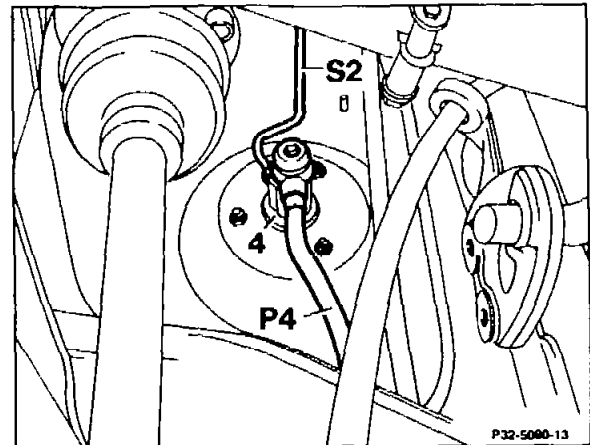
10 Seal off pressure lines and connections in spring actuator with suitable plugs.

Installation notes

Screw in the banjo bolt with new solid copper sealing rings and connect the pressure line (P4) so that it cannot chafe on the frame.

M10×1: 14 Nm,

M16×1.5: 30 Nm.



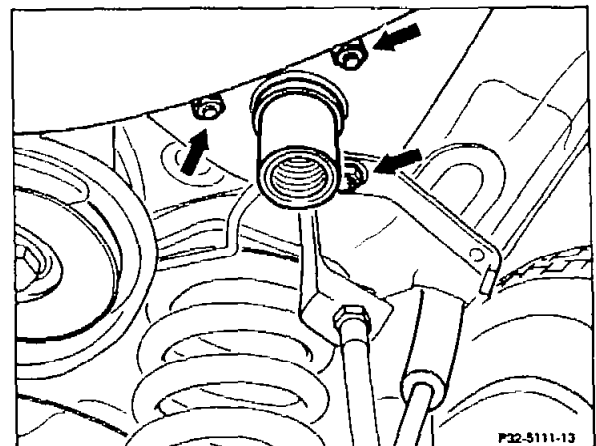
Left rear spring actuator

All models

11 Unscrew three self-locking hexagon nuts (arrows), remove washers and take out spring actuator.

Installation notes

Replace self-locking hexagon nuts, 20 Nm.

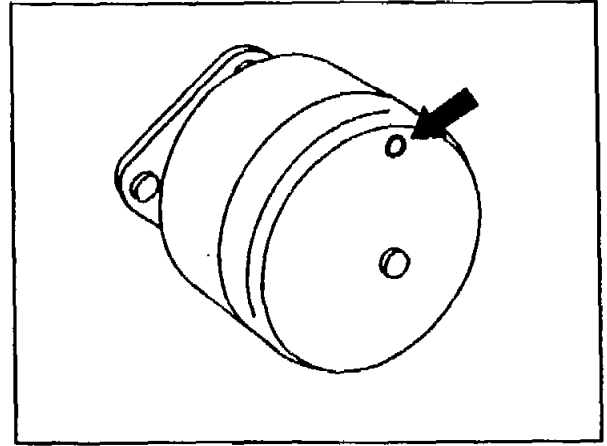




Notes on scrapping

The relevant safety provisions are to be observed when scrapping spring actuators.

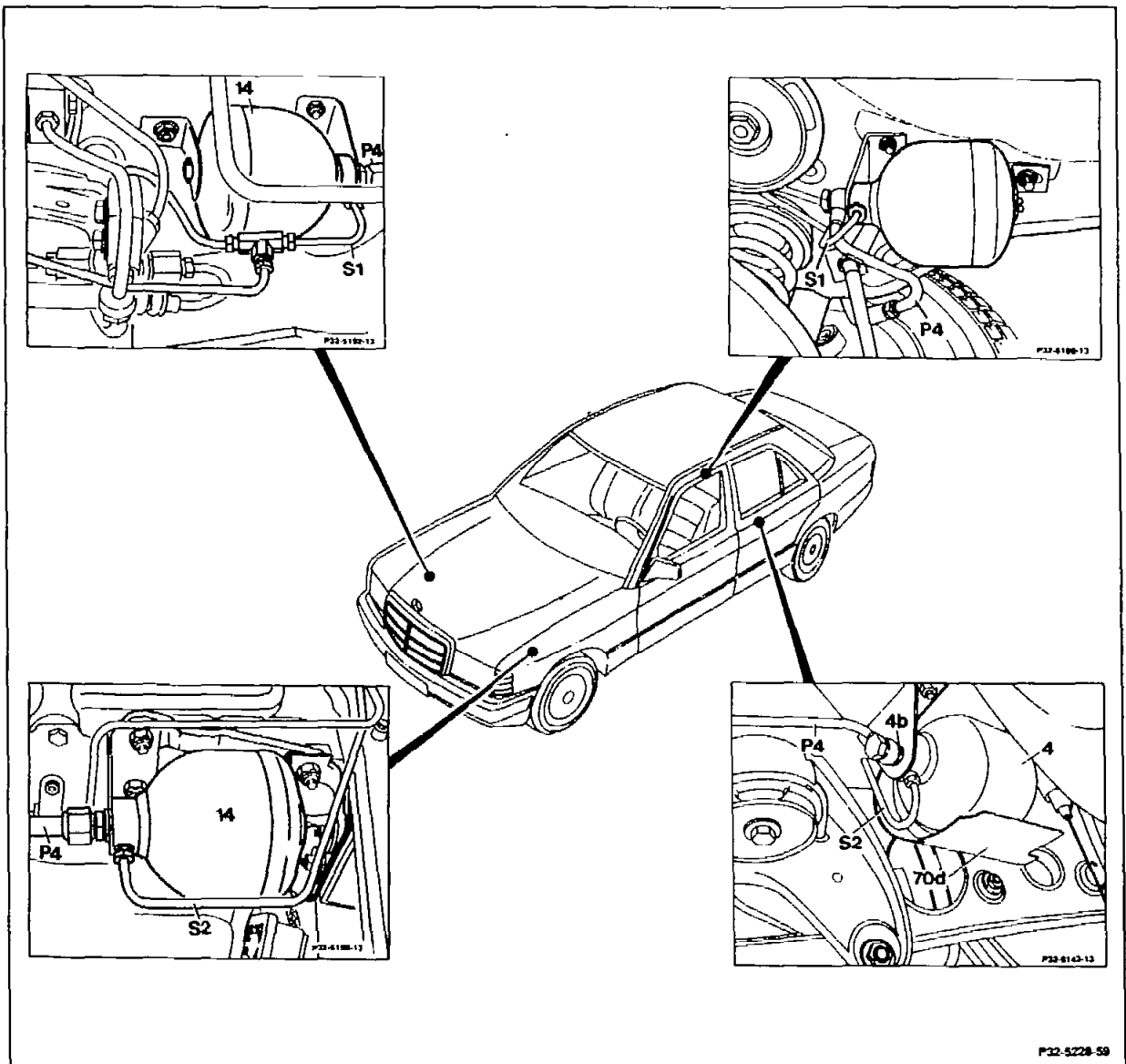
In order to release the basic pressure in the spring actuator, drill carefully into the convex side with a 3 mm drill until the gas flows out. To prevent accidents caused by the emerging gas and to protect against drilling chips, goggles and gloves must be worn. The hole is to be drilled with the minimum possible feed.



P32-5734-13.

12 Install in the reverse sequence.

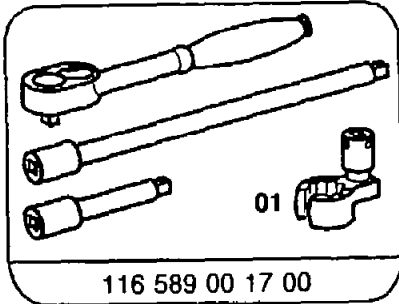
B. Model 201



- | | |
|---|--|
| <p>Pressure lines (S1, S2 and P4)</p> <p>Self-locking hexagon nuts with washers</p> | <p>Disconnect, connect using an open box wrench 116 589 00 17 00. Ensure correct routing. Replace solid copper sealing rings.
M10 × 1: 14 Nm,
M16 × 1.5: 30 Nm.</p> <p>Unscrew, tighten, replace, 20 Nm.</p> |
|---|--|

Spring actuators (4 and 14)	Observe information on scrapping (step 5).
Shield (70d)	Attached to left-hand side of vehicle.

Special tools



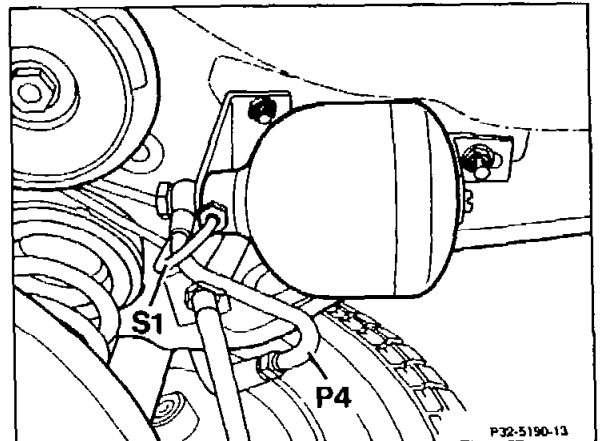
Note

Only replace defective spring actuators in pairs.
Refer to instructions in the Programmed Repairs 32.0700/3.

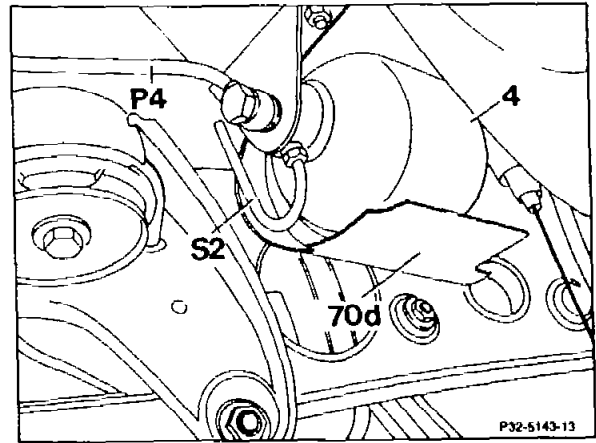
Removing and installing

- 1 Disconnect pressure lines (S1, S2 and P4) from spring actuator (4) using an open box wrench.
- 2 Seal off pressure lines and connections in spring actuator with suitable plugs.

Right rear spring actuator



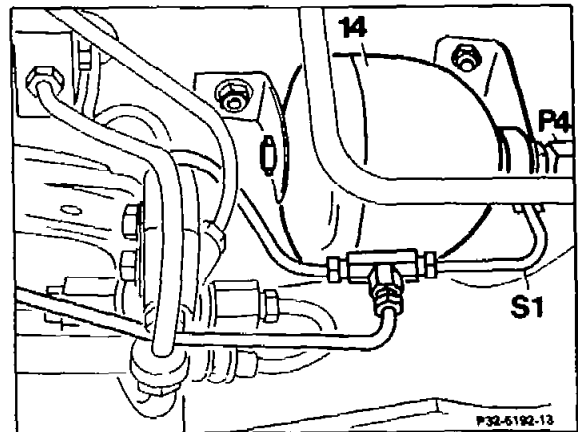
Left rear spring actuator



Models 201.034/035/036 only

3 Disconnect pressure lines (S1, S2 and P4) from spring actuator (14) using an open box wrench.

4 Seal off pressure lines and connections in spring actuator with suitable plugs.



Front right spring actuator

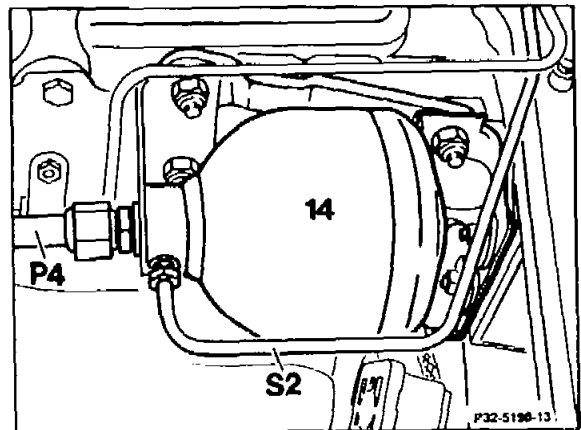
Installation notes

Connect the pressure line (P4) so that it cannot chafe on the frame.

M10 × 1: 14 Nm.

M16 × 1.5: 30 Nm.

Front left spring actuator

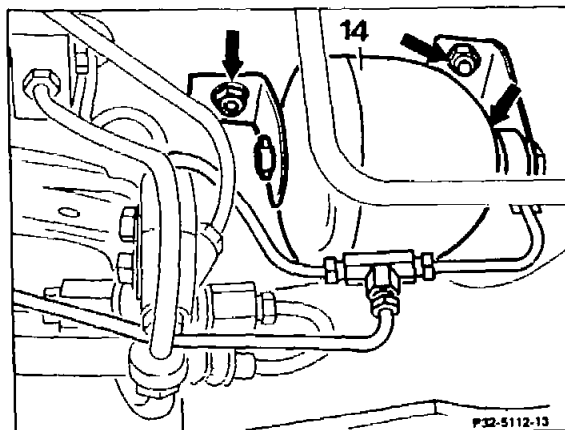


All models

5 Unscrew three self-locking hexagon nuts (arrows), remove washers and take out spring actuator.

Installation notes

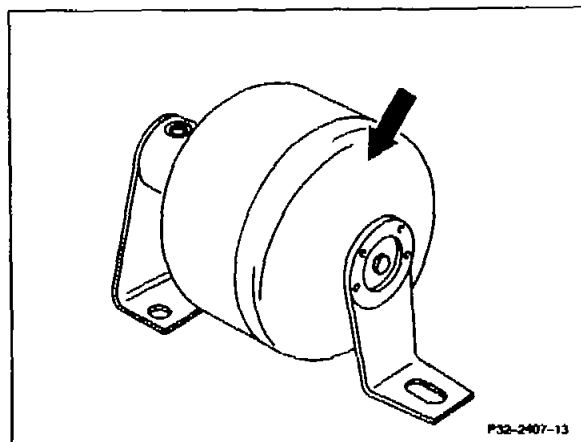
Replace self-locking hexagon nuts, 20 Nm.



Notes on scrapping

The relevant safety provisions are to be observed when scrapping spring actuators.

In order to release the basic pressure in the spring actuator, drill carefully into the convex side with a 3 mm drill until the gas flows out. To prevent accidents caused by the emerging gas and to protect against drilling chips, goggles and gloves must be worn. The hole is to be drilled with the minimum possible feed.



6 Install in the reverse sequence.