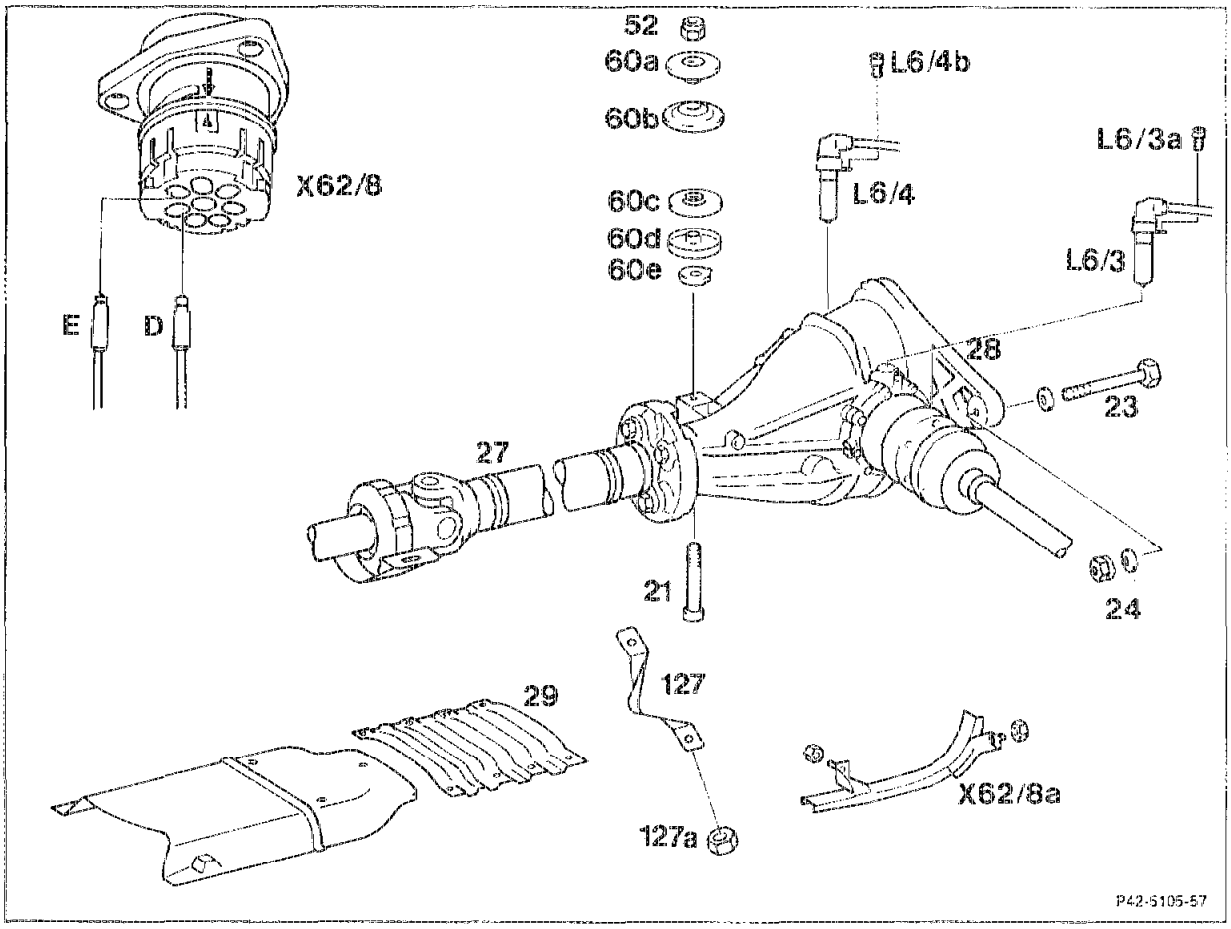
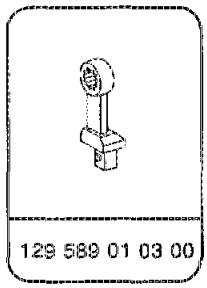


P42-5105-57

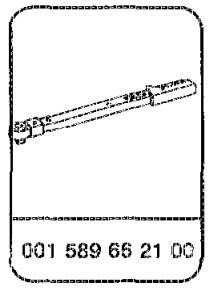
Cable guide rail (X62/8a)	detach, install at rear axle support. Do not subject cable to tension (step 1)
Differential (28)	support with vehicle jack (step 2). Unscrew self-locking nuts (24). Unscrew bolt (23) slightly rearwards. When installing, replace self-locking nut (24), 95 Nm (step 3). Ring wrench insertion tool 129 589 01 03 00, torque wrench 001 589 66 21 00.

Hexagon socket screw (21)	unscrew, screw in. When installing, ensure correct sequence of suspension points. Replace self-locking nut (52), 45 Nm.
Differential (28)	lower with drive shaft, until the drive shaft contacts the tunnel closing panel (29) or retaining bracket for seat belt fixing (27), (step 7).
Self-locking hexagon socket screws (L6/3a, L6/4b).	unscrew, screw in. Withdraw left or right vehicle speed sensors (VSS) (L6/3 or L6/4) (refer to notes on VSS sensors) vertically upwards. Do not subject cables of the left or right VSS sensors (L6/3 or L6/4) to tension. When installing ensure cleanliness of magnetic edges on the VSS sensors (L6/3 or L6/4). Replace self-locking hexagon socket screws and O-rings, 8 Nm (step 6).
Cover	of plug connection, rear axle multiple circuit junction connector (X62/8) remove, install.
Rear axle multiple circuit junction connector (X62/8)	detach, assemble.
Plugs (E and D)	remove, install. When installing, note plug assignment.
ASR electrics/electronics test program	perform (42-0822).

Special Tools



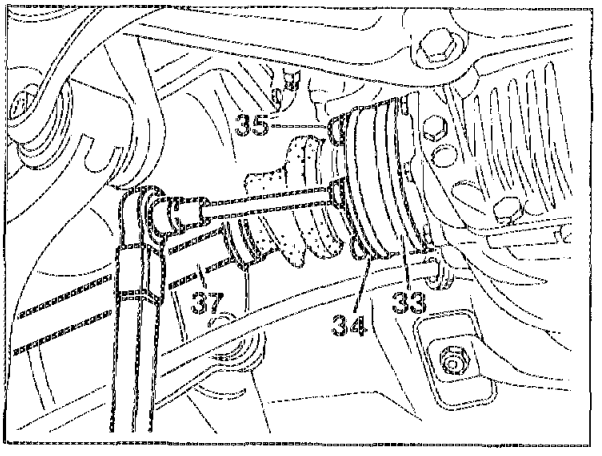
129 589 01 03 00



001 589 66 21 00

Removal, installation

1 Unscrew self-locking nuts (arrows). Remove cable guide rail (X68/8b).



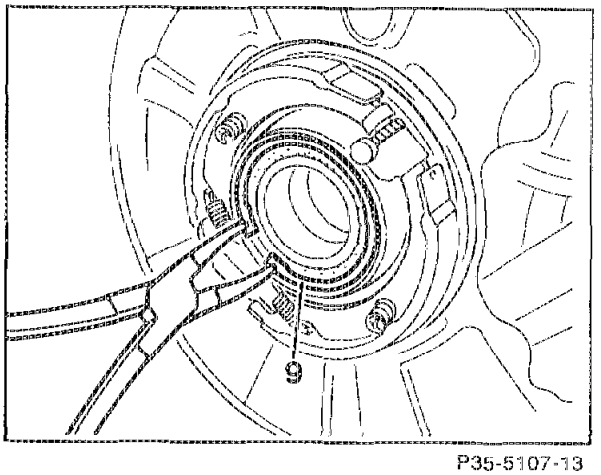
P35-5106-13

2 Raise differential (28) using vehicle jack or pit lift.

3 Unscrew self-locking nut (24). Unscrew the screw (23) slightly to the rear.

Installation note

Renew self-locking nut (24), 95 Nm.
Ring wrench insertion tool, 129 589 01 03 00
Torque wrench 001 589 66 21 00.



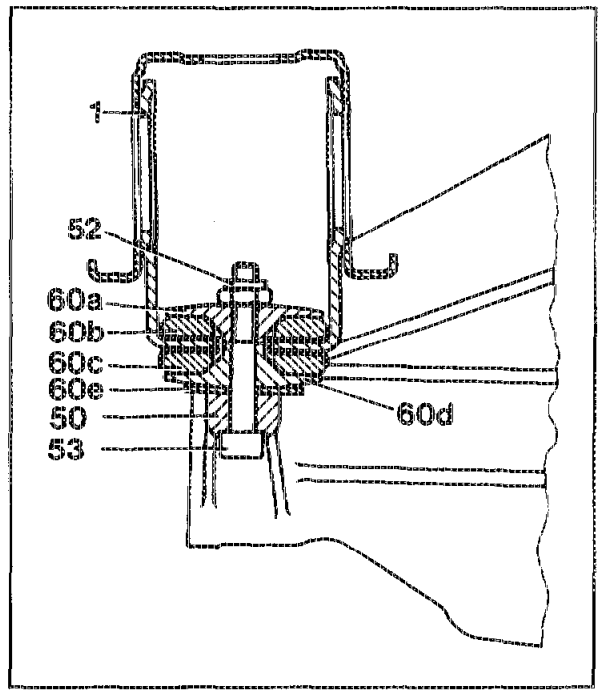
P35-5107-13

4 Unscrew hexagon socket screw (53) and remove with the suspension parts (60a, 60b, 60c, 60d and 60e).

Installation note

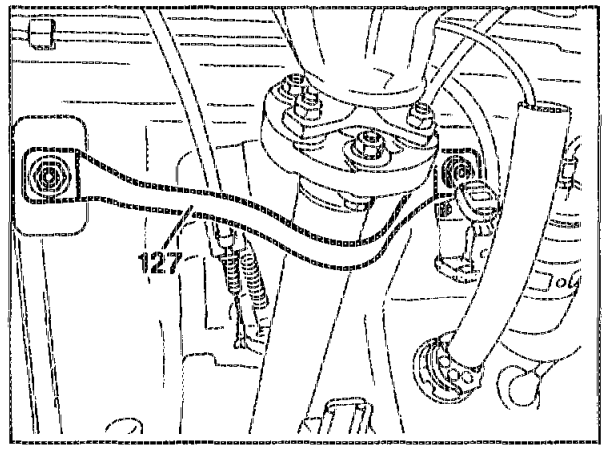
Ensure correct sequence of suspension parts.
Renew self-locking hexagon nut (52), 45 Nm.
Torque wrench 001 589 66 21 00.

1 Rear axle support
52 Self-locking hexagon nut
60a Plate (upper)
60b Rubber mount (upper)
60c Rubber mount (lower)
60d Plate (lower)
60e Shim
50 Differential
53 Hexagon socket screw



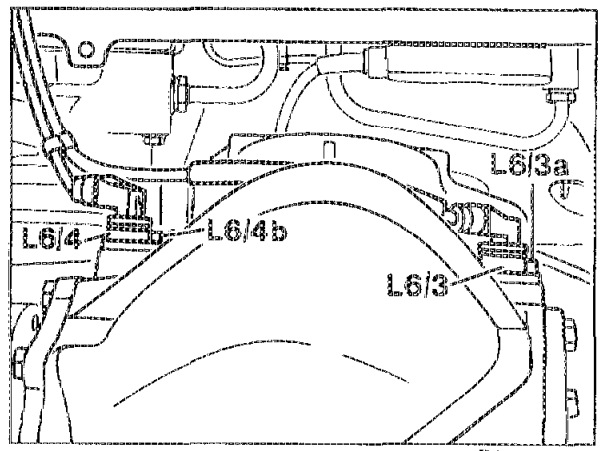
P35-5082-15

Lower differential (28) with drive shaft until the drive shaft contacts the tunnel closing panel (29) or retaining bracket for safety belt fixing (127).



P35-5104-13

6 Unscrew self-locking hexagon socket screws (L6/3a, L6/3b).
Withdraw left or right VSS sensor (L6/3 or L6/4) vertically upwards, do not subject cables of the left or right VSS sensors (L6/3 or L6/4) to tension.



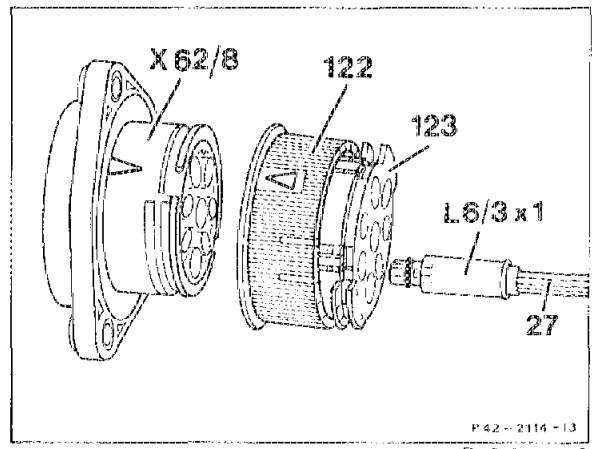
P35-2043-13

Installation note
Replace self-locking hexagon socket screws and O-ring.
Ensure cleanliness of the magnetic edges on the left or right VSS sensors (L6/3 or L6/4).
The shims on the contact surface of the left or right VSS sensors (L6/3 or L6/4) on the rear axle housing must not be mislaid or transposed.

7 Remove cover from plug connection, rear axle multiple circuit junction connector (X62/8).

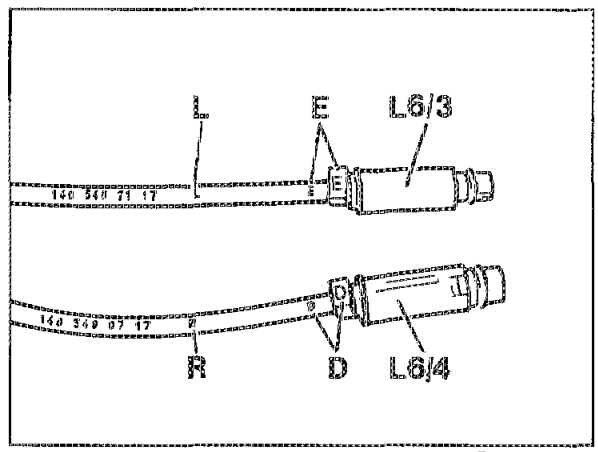
8 Turn bayonet fitting (122) on the plug connection, rear axle multiple circuit junction connector (X62/8) and separate.

Loosen cover (123) by one notch.
Remove left rear axle VSS sensor connector (L6/3x1) (E and D).



P42-2114-13

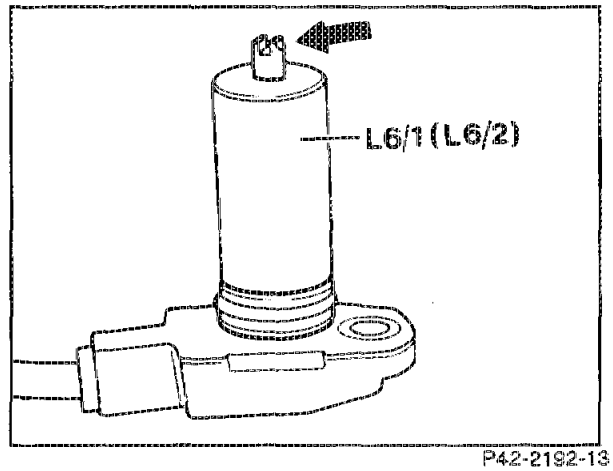
Installation note
Note plug marking.



P42-2415-13

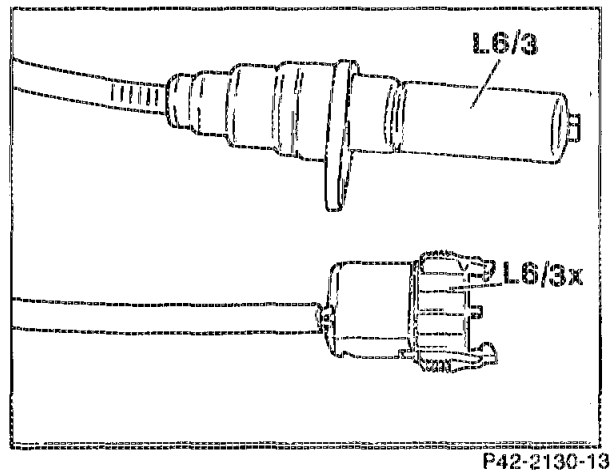
Model 126

The 2 VSS sensors on the front axle (L6/1 and L6/2) can be recognized by the double-edged tip (arrow) and by the long cable with co-axial plug (as on vehicles with ABS).



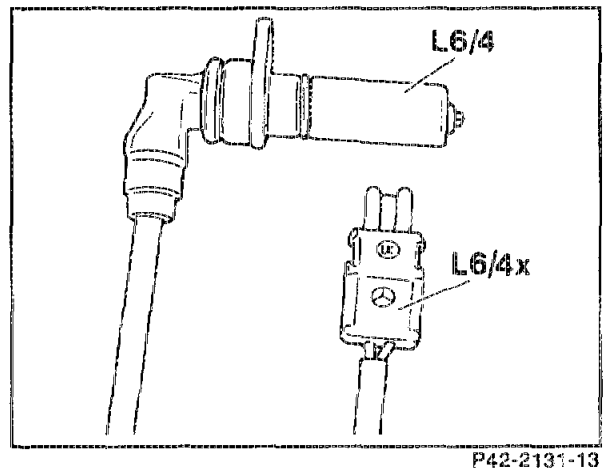
P42-2192-13

The left rear axle VSS sensor (L6/3) is a straight design. The cable has a connector as left rear axle VSS sensor connector (L6/3x1).



P42-2130-13

The right rear axle VSS sensor (L6/4) is an angled design. The cable has a plug as right rear axle VSS sensor connector (L6/4x1).



P42-2131-13