

P46-5522-57



Model 124 (except for 4MATIC, RHS) with contact spiral as of July 1993

The steering wheel must not be turned when the steering gear is removed or the steering coupling is detached, otherwise the contact spiral will be damaged beyond repair.

Power steering pump

Extract oil with extraction device 112 589 00 72 00.

Tie rod and drag link (10, 11)

Detach, attach at the pitman arm (46-6177/7007), replace nuts (34).

Model 124.034/036

Exhaust crossover pipe (79) and heat shield (23k)

Remove, install.

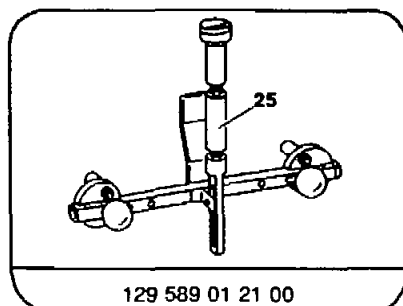
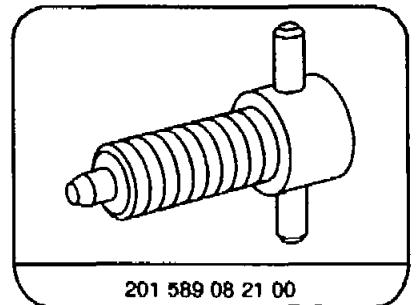
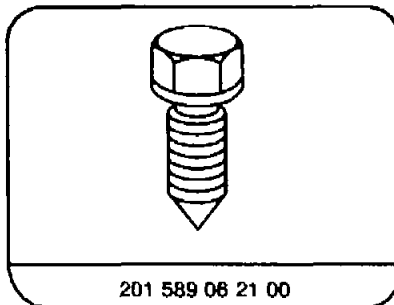
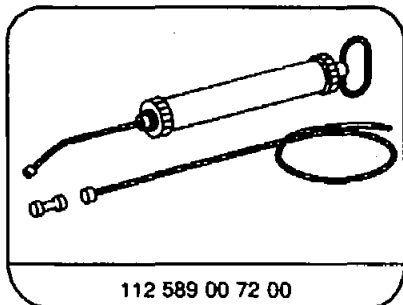
High-pressure expanding hose (29)	Unscrew, screw on, 25-30 Nm.
Return line (28)	Unscrew, screw on, 35-40 Nm.
Bolt (2a)	Unscrew, screw on, replace at the steering coupling (2). Note: With the electrically adjustable jacket tube, this is to be extended fully before pushing in the steering coupling.
Stretch bolts (7)	Unscrew, screw in and replace 70-80 Nm.
Steering gear (1)	Remove. Before installing, turn steering gear and steering wheel into the center position (numbers 8 and 9).
After installing the steering gear	Fill and bleed power steering pump (46-4080).
Steering gear (1)	Check for function and leaks.

Types of oil, filling quantities

Steering gear oil part no. 000 989 88 03

Refer to Specifications for Service Products, sheet 236.3.

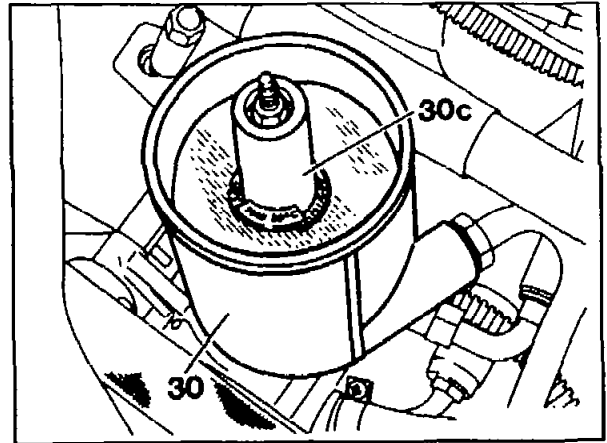
Special tools



Removal

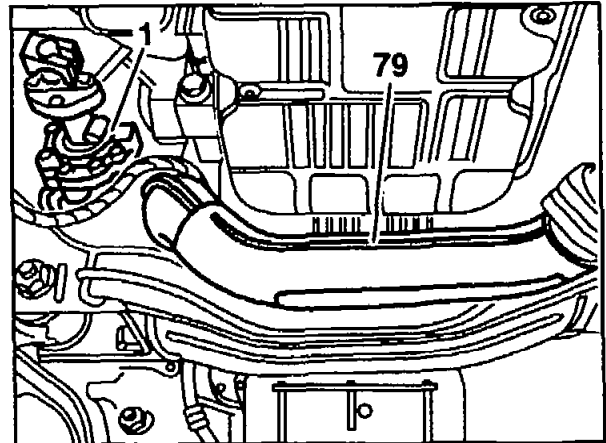
1 Remove cap from supply tank of power steering pump (30) and extract oil with extraction device 112 589 00 72 00.

2 Detach tie rod and drag link at pitman arm (46-7007 or 46-6177).



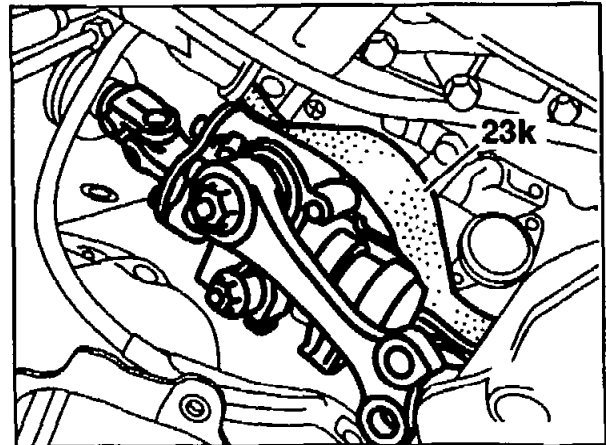
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3 On models 124.034/036, remove exhaust crossover pipe (79) and



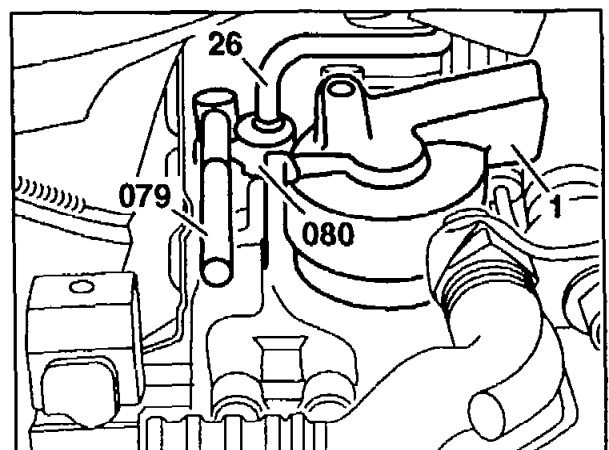
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shield (23k).



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4 Unscrew high-pressure expanding hose and return line (28) at connector, seal pipe connections on steering gear (1) with plugs.



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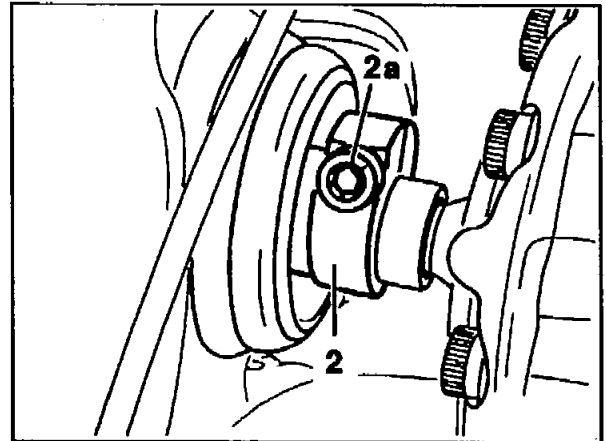


On model 124 (except for right-hand steering vehicles and 4MATIC), as of 07/93 with contact spiral, the steering wheel must not be turned when the steering gear is removed or the steering coupling is detached, otherwise the contact spiral will be damaged beyond repair.

5 Detach bolt (2a) of the steering coupling.

- **Model 201 steering gear - 1st version (up to 04/84)**

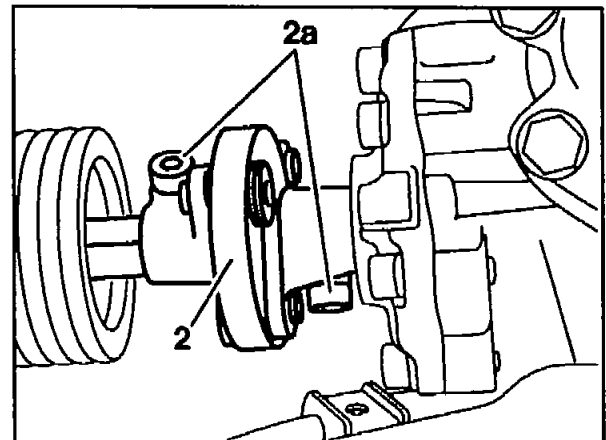
Unscrew bolt (2a) from the lower steering shaft (2). The lower steering shaft must not be moved upwards. The steering gear is to be removed forwards.



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- **Model 124 and Model 201 with 2nd version of steering gear (as of 04/84)**

Unscrew upper bolts (2a) from the steering coupling (2).



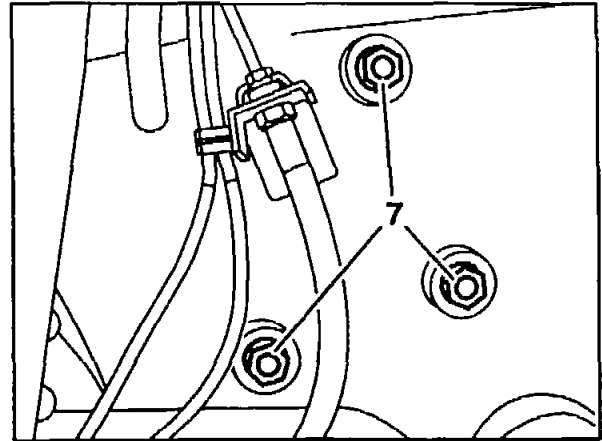
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Note

- With the electrically adjustable jacket tube, detach steering coupling at steering gear and push back with the steering shaft.
- Otherwise always leave the steering coupling on the steering gear as the steering gear center position is clearly specified by the two flats on the steering shaft.
- The steering coupling is mounted on the steering gear on new steering gears.

6 Unscrew and replace stretch bolts (7) on frame floor.

7 Remove steering gear.
Check steering coupling for wear.



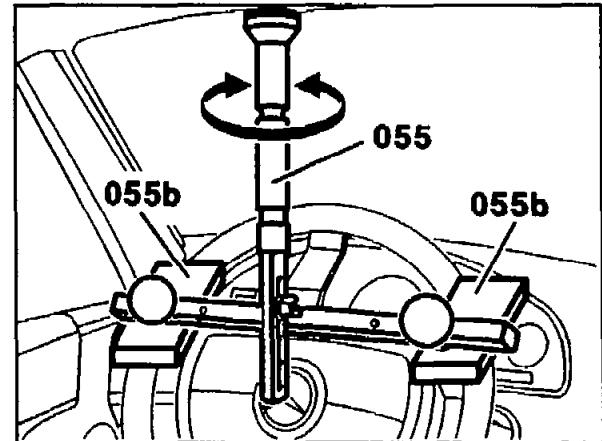
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Installation

8 Note center position of steering wheel, use adjusting tool (055) for steering wheel 129 589 01 21 00 and adjust steering wheel, if necessary.



On model 124 (except right-hand steering vehicles and 4MATIC) as of 07/93 with contact spiral, the steering wheel must not be turned when the steering gear is removed or the steering coupling is detached otherwise the contact spiral will be damaged beyond repair.



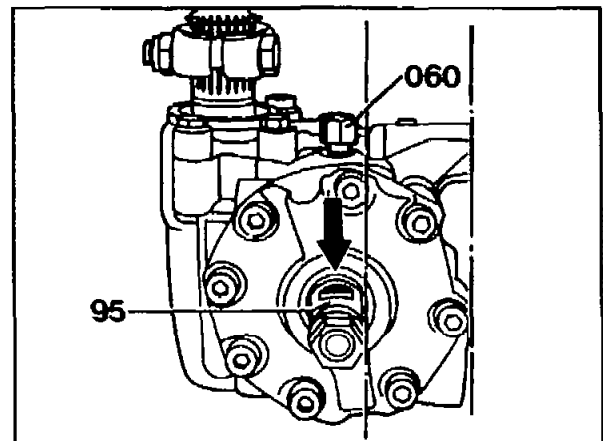
P40-5528-13

9 Turn steering gear into center position.

– Model 201 with 1st version of steering gear (to 04/84)

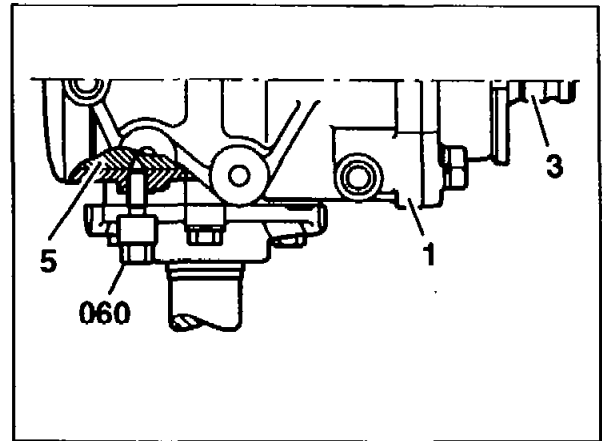
In the center position, the two flats of the clamping bush (95) must be parallel to the contact surface of the steering gear and the recess (arrow) in the clamping bush for the clamping bolt must be down.

On manual steering gear 201 589 08 21 00, screw in the center position check bolt 201 589 06 21 00.



P46-2258-13

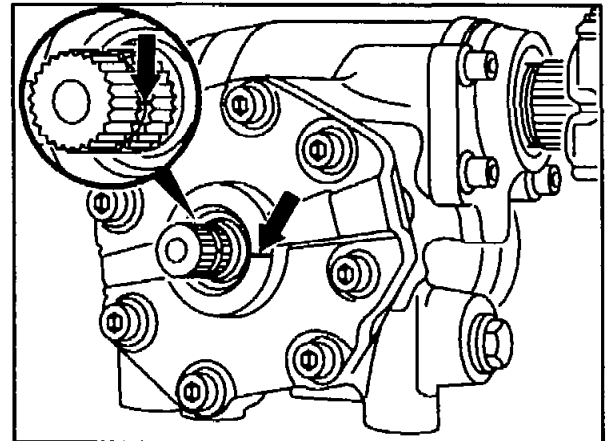
- **Models 124 and 201 with 2nd version of steering gear (05/84 up to 01/90)**
Screw center position check bolt (060) 201 589 06 21 00 into the steering gear (1) and fix power piston or steering nut (5). To do this, turn steering worm (3) until the center in the power piston or in the steering nut is exactly under the tapped hole.



P46-0044-13

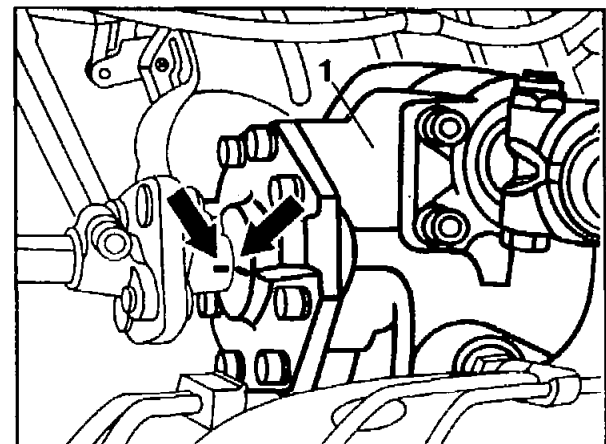
- ⚠
The steering worm or the pitman arm shaft must not be turned when the center position check bolt is installed.

- **Models 124 and 201 with 3rd version of steering gear (as of 01/90)**
- With the steering coupling detached, align the marking line on the steering worm and housing cover.



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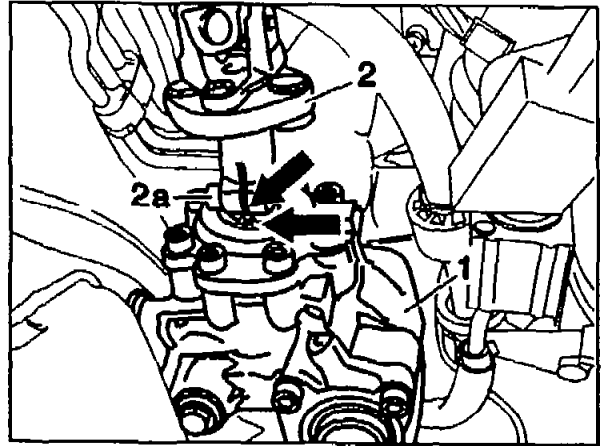
- With the steering coupling attached, align steering coupling with engraved marking line with the marking of the steering gear (arrows).



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Model 124.034/036

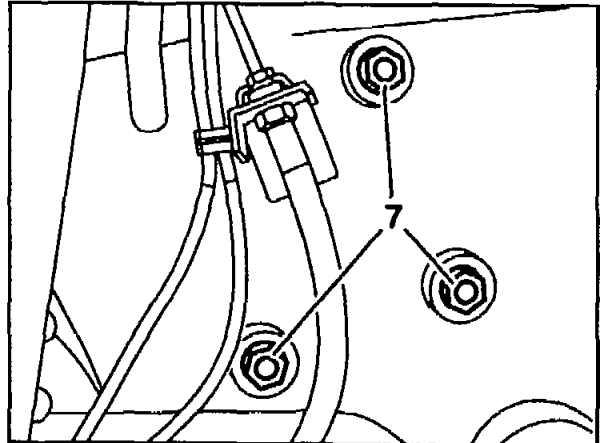
The clamping slot of the universal joint and the marking line (arrow) of the steering gear (1) must be opposite each other (arrows).



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10 Push steering gear into the steering shaft and screw onto the frame floor with new stretch bolts (7).

Tightening torques 70-80 Nm



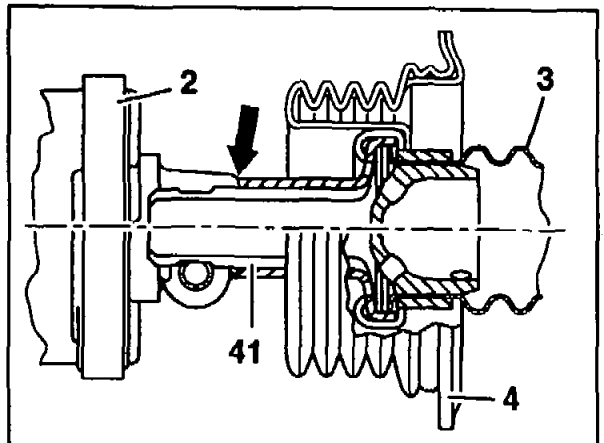
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Note

With the electrical jacket tube, the steering coupling must be mounted on the steering shaft for the installation of the steering gear.



Ensure that the connection (arrow) is assembled correctly



P46-0013-13

11 Screw new bolt (2a) into the steering coupling (2).

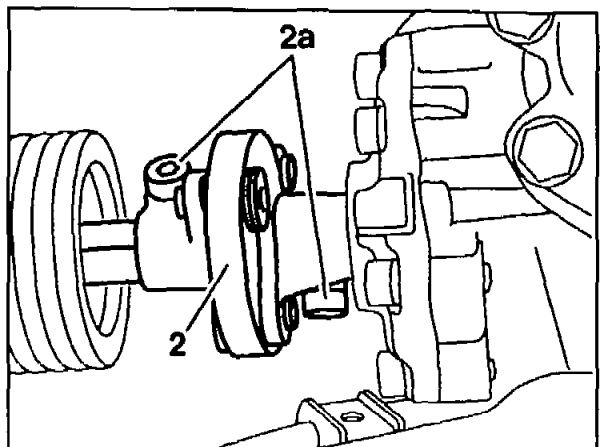
Tightening torque

Models 124 (except for
124.034/036), 201

25 Nm

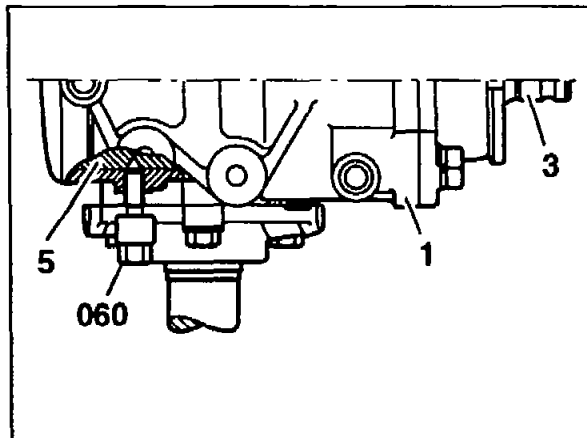
Model 124.034/036

35 Nm



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12 Unscrew center position check bolt (060) from steering gear (1). Screw screw plug with new sealing ring into the steering gear (1).



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13 Remove plug from steering gear. Screw high-pressure expanding hose (29) and return line (28) onto the steering gear (1).

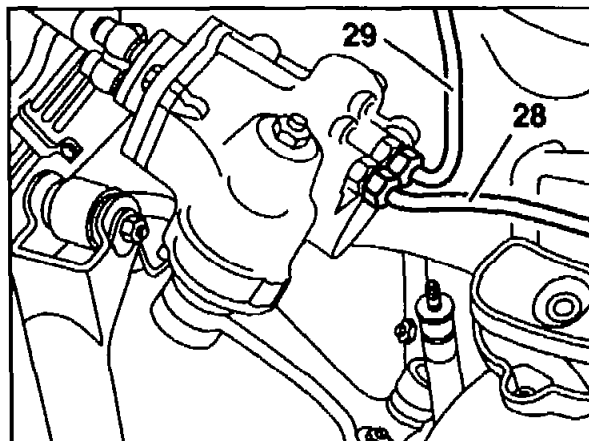
Tightening torque:

High-pressure expanding hose 25–30 Nm

Return line 35–40 Nm

Note

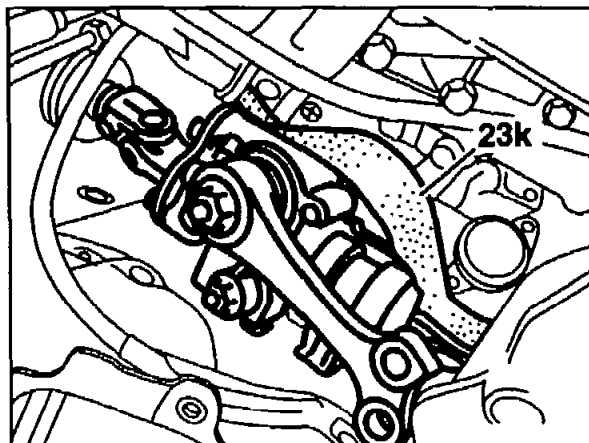
Ensure satisfactory hose routing



P46-2202-13

14 On models 124.034/036

Install heat shield (23k) on the steering coupling and exhaust crossover pipe.



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15 Install tie rod and drag link on pitman arm with new self-locking hexagon nuts (46-7007 or 46-6177).

16 Fill and bleed power steering pump (46-4080).

17 Check steering gear for function and leaks.