

Complaint:

Power assistance on left lock insufficient or pressure point when the steering wheel is turned quickly.

Cause:

Air cushion in steering housing, caused by

- empty steering gear (e.g. after repair).
- power steering pump incorrectly filled after work on the servo system (power steering pump runs empty or draws in air).

Remedy:

- drive vehicle until the oil in the servo system is at operating temperature.
 - Park the vehicle on right lock for 5 minutes with the front axle raised.
 - With the front axle raised and the engine running (idle) turn steering from left to right lock several times.
 - If there is still a slight pressure point when the steering wheel is turned quickly, there is no fault in the steering gear. The residual air still in the steering gear escapes while driving.
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Complaint:

Knocking noise from steering gear on uneven road.

Cause:

Gear backlash in steering gear excessive.

Remedy:

Re-adjust friction torque of steering gear (refer to Repair Instructions 46-3230).

Complaint:

Grinding noises in the steering wheel.

Cause:

Contact pins on the slip ring.

Remedy:

Lightly lubricate (thin film) brass contact rings with 331 contact grease - Liqui Moly Company or with Electrolube 2GX - Hatra Company, Söeseitenstr. 9, 8124 Seehaupt, facsimile no. (08801) 2312.



The brass contact rings must **not** be lubricated on vehicles with airbag.

Complaint:

Oil escape at steering gear adjusting screw

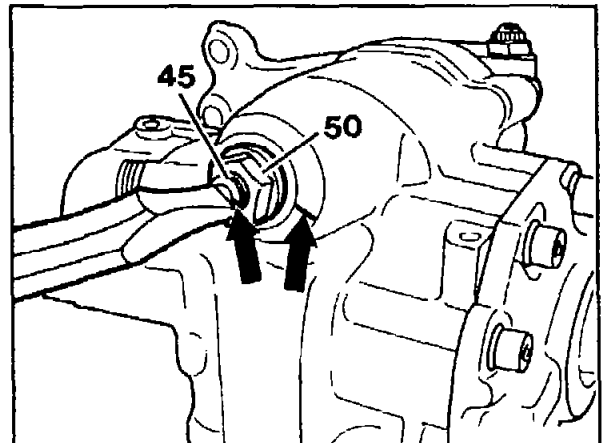
Cause:

Polyamide ring on the lock nut does not seal sufficiently.

Remedy:

Replace lock nut, part no. 001 990 70 51.

- 1 Mark position of adjusting screw by notches (arrows).
 - 2 Replace lock nut without turning the adjusting screw.
- Tighten lock nut to 65 Nm.



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Note

If the adjusting screw was turned, readjust friction torque of steering gear (refer to Repair Instructions 46-3230).

Complaint:

Model 124.036

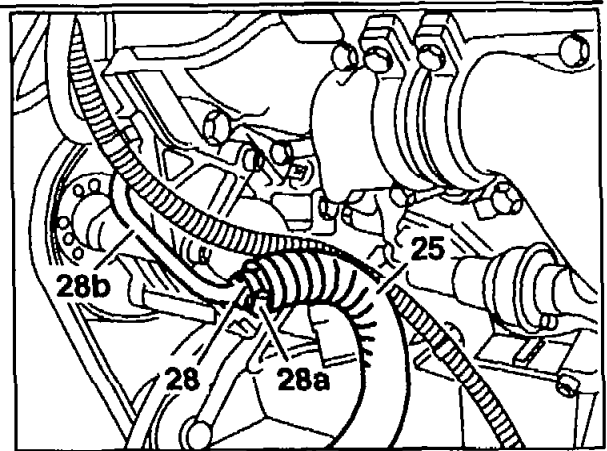
Oil return hose of power steering leaking

Cause:

Oil return hose (28) is not correctly installed on the return pipe (28b) of power steering pump.

Remedy:

Push on oil return hose (28) up to the second shoulder of the return pipe (28b) and install hose strap (28a) between the first and second shoulder. Push heat shield (25) over the hose strap (28a) and compress.



P46-2602-13

Complaint:

Creaks or knocks at the front axle.

Cause:

- 1 Lower section of noise encapsulation.
- 2 Steering idler arm mount.

Remedy:

- 1 Detach lower section of noise encapsulation.
Make a test trip. If the noises no longer occur, install the lower section of noise encapsulation under preload.
- 2 If noises still occur, check steering idler arm mount and replace if necessary (refer to Repair Instructions 46-6317).