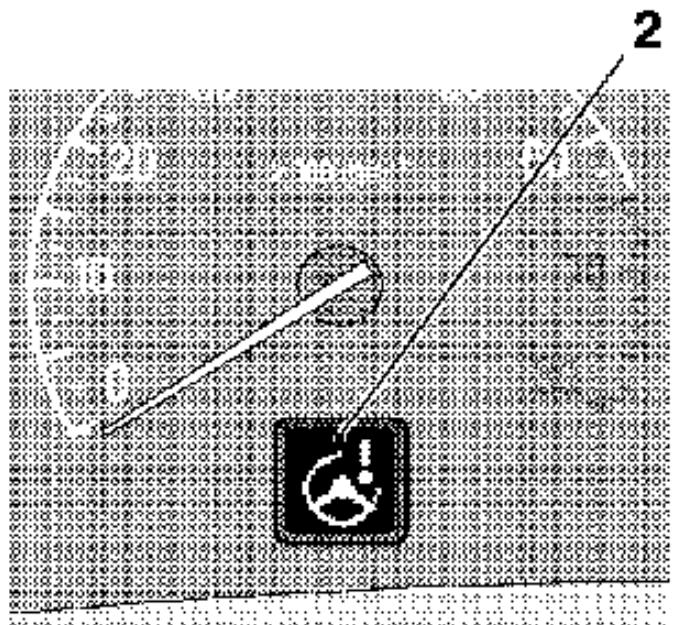
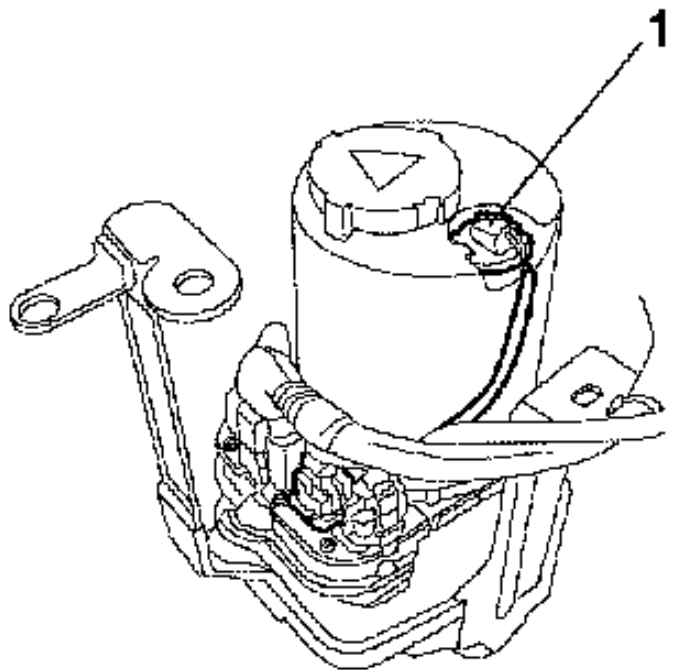


Check Hydraulic Fluid (EHPS and Compact EHPS)

1. Vehicles with level indicator

Note: The level of hydraulic fluid in the electro-hydraulic power steering is monitored electronically via a level sensor (1) in the electro-hydraulic supply unit. No additional monitoring of the hydraulic fluid level is necessary in normal operation. If the hydraulic oil level is too low, a warning is issued via the EHPS-warning light (2)



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2. Vehicles without level indicator

- Supply unit is maintenance-free

Note: No additional monitoring of the hydraulic fluid level is necessary in normal operation. If the hydraulic fluid level is too low the pump is switched off automatically via an emergency circuit.

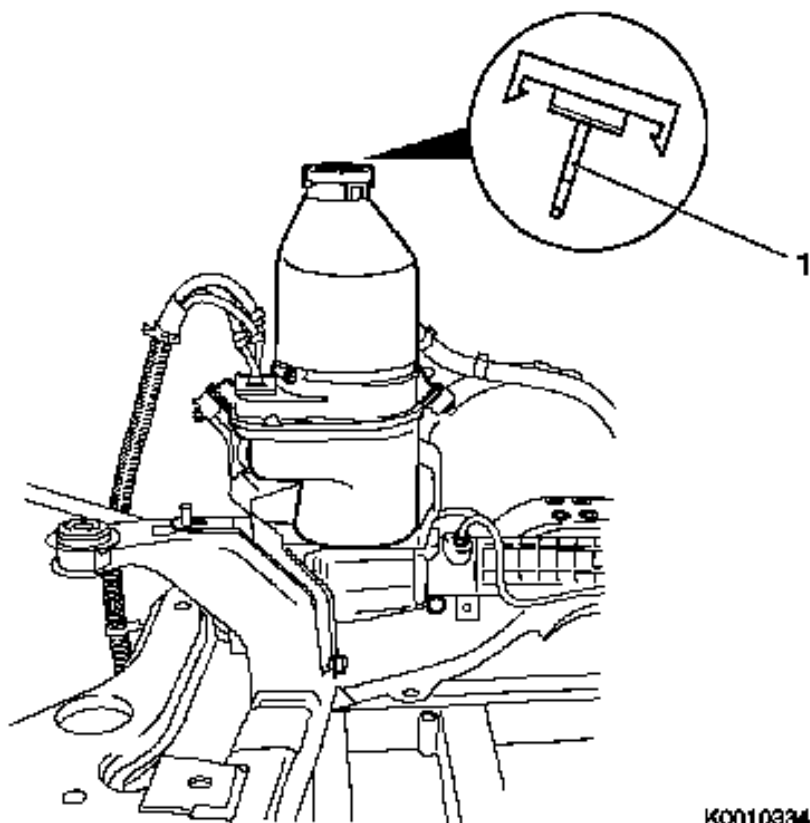
3. After operations in which the hydraulic system of the EHPS was opened: charge hydraulic system

- up to "MAX" marking
- see operation "Hydraulic System, Charge (EHPS)".

4. Vehicles with Compact EHPS:

- No level markings

are present on the fluid tank. The fluid dipstick (1) on the tank cover has a "MAX" level mark



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Fill Hydraulics System (EHPS and Compact EHPS)

Important: The electro-hydraulic supply unit must not run dry. Drained fluid must not be re-used. The hydraulic system is charged with special fluid – see "Technical Data".

Note: The hydraulic system of the electro-hydraulic power steering bleeds itself during actuation with the engine running. As the hydraulic fluid flows into the hydraulic system, the fluid level in the reservoir of the electro-hydraulic supply unit drops. After carrying out the procedure below, a small amount of air may still remain in the system. This does not impair operation in any way because the EHPS bleeds again in driving operation.



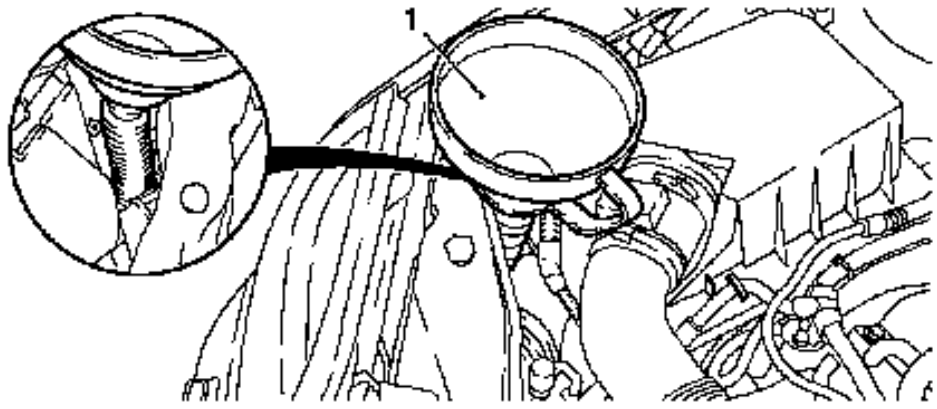
Remove

1. Detach right front wheel (only EHPS)
 - Mark position relative to the wheel hub
 - Unscrew 5x bolt
2. Remove protective panelling for right inner wing (only EHPS)
 - see operation "Protective Panelling – Inner Front Wing, Remove and Install" in group "A"
3. Detach closure cap
 - from filler neck of reservoir for electro-hydraulic supply unit

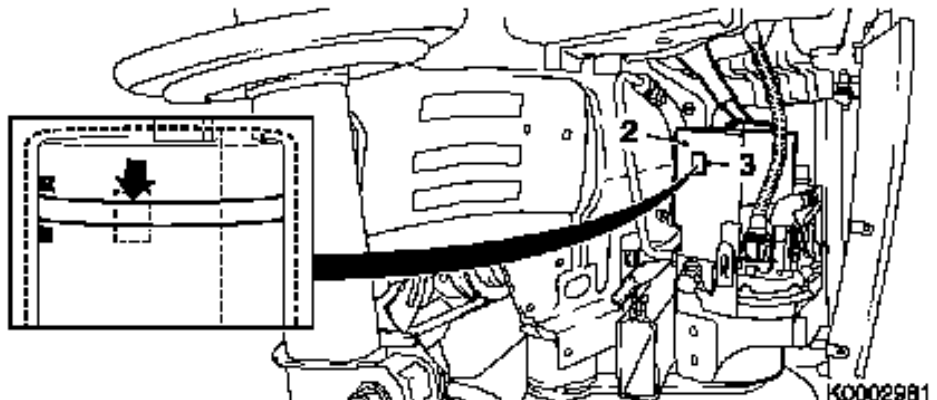


Install

4. Vehicles with EHPS:
 - Use clean funnel (1) with strainer
 - Use funnel with flexible pipe
 - from above between headlamp and air cleaner housing through into reservoir filler neck (2)

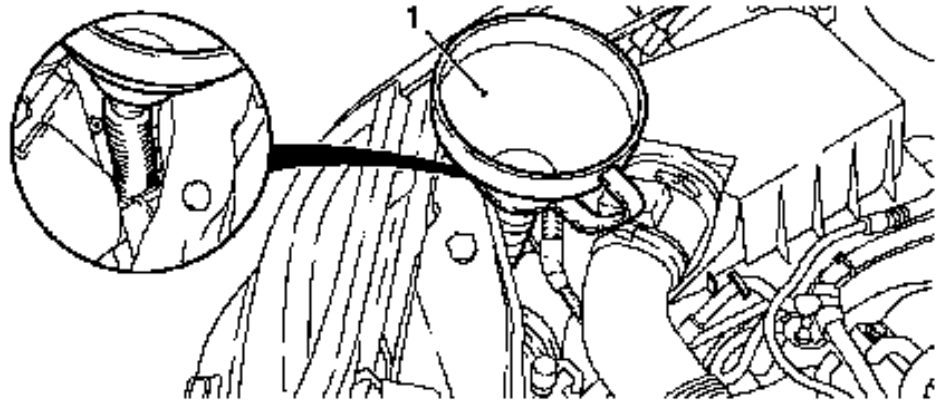


5. Top up hydraulic fluid
 - up to "MAX" marking (arrow)
 - Use special fluid
 - see "Technical Data"



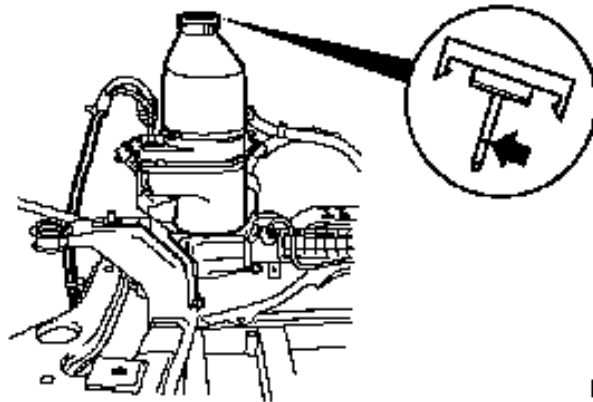
6. Vehicles with Compact EHPS:

- Use clean funnel (1) with strainer
- Use funnel with flexible pipe
- insert from above between front bulkhead and air cleaner housing intake neck into filler neck of reservoir



7. Top up hydraulic fluid

- until the "MAX" mark (arrow) on the dipstick
- Use special fluid
 - see "Technical Data"



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8. Bleed electro-hydraulic supply unit

- Start engine 3x and then switch off again each time after approx. 5 seconds
- before each starting operation pause briefly

9. Hydraulic System, Bleed

- Start engine
- Actuate steering wheel 5x from stop to stop
- Switch off engine

10. If necessary: Top up hydraulic fluid

- up to "MAX" marking
- Use special fluid
 - see "Technical Data"

11. Remove funnel

12. Attach closure cap

- to the reservoir of the electro-hydraulic supply unit or compact electro-hydraulic supply unit

13. Install protective panelling for right inner wing (only EHPS)

- see operation "Protective Panelling – Inner Front Wing, Remove and Install" in group "A"

14. Attach right front wheel (only EHPS)

- Screw in 5x bolts (110 Nm)
- Note position relative to the wheel hub