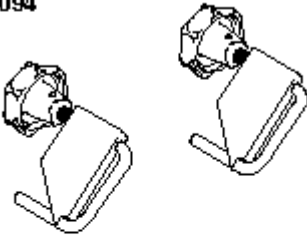
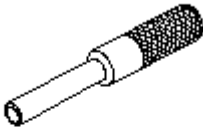
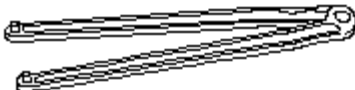
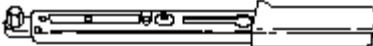


## Removing and installing power steering pump (vehicles with 4-cyl. engine)

<p>3094</p> 	<p>3204</p> 
<p>3212</p> 	<p>V.A.G 1331</p> 
	<p>VW48-0015</p>

### Special tools and workshop equipment required

- ♦ Hose clamps up to 25 mm Ø -3094-
- ♦ Locking pin -3204-
- ♦ Pin wrench -3212-, or if necessary use water pump wrench -V.A.G 1590-
- ♦ Torque wrench -V.A.G 1331-

Front-end service sleeves -3369-

### Removing

#### All vehicles

- Remove noise insulation → [Rep. Gr.50](#).

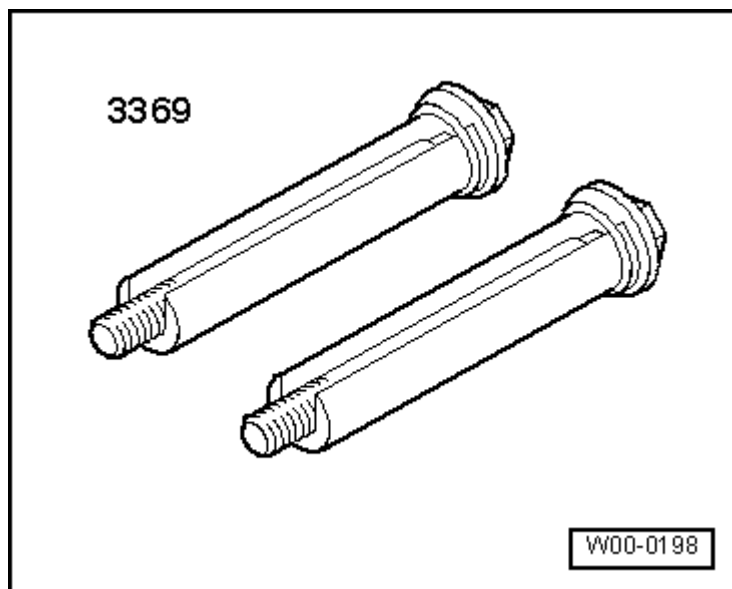
#### All vehicles except TFSI

- Remove front bumper → [Rep. Gr.63](#)

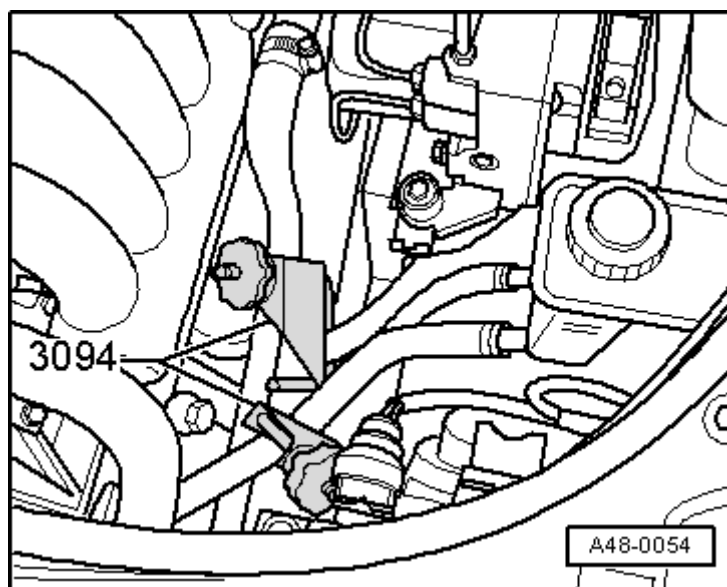
- Move lock carrier to Service position  
→ Rep. Gr.50.

**All vehicles**

- Slacken off poly V-belt → Rep. Gr.13.
- Remove poly V-belt from power steering pump pulley.

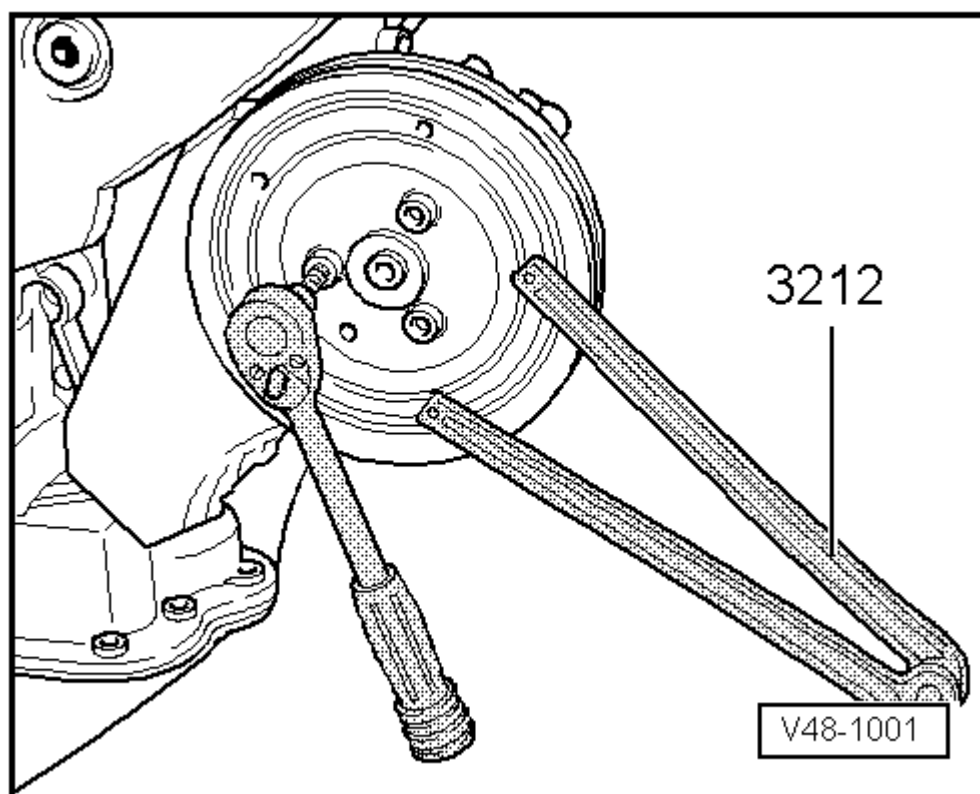


- Clamp off suction and return lines with hose clamps -3094-.
- Place drip tray in position.
- Disconnect suction line.
- Disconnect pressure hose (22 mm).



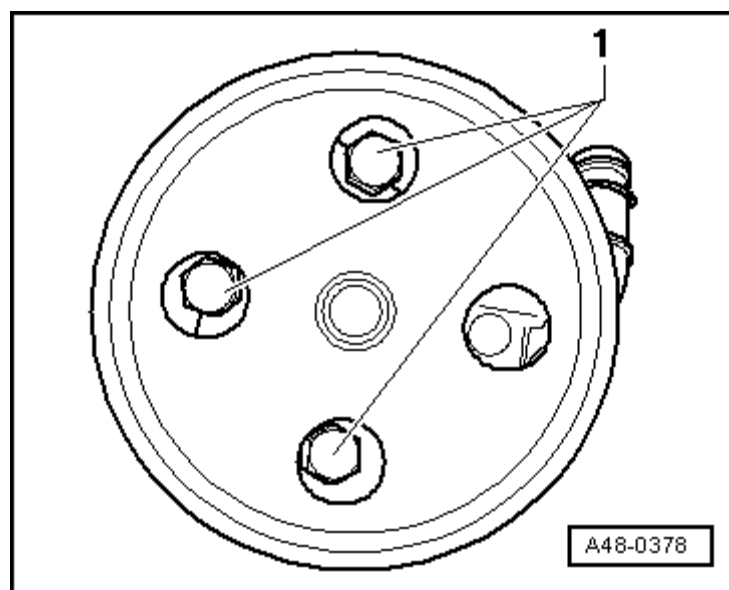
**All vehicles except TFSI**

- Depending on version, unbolt steering pump pulley, using pin wrench 3212 to counterhold.



#### Vehicles with TFSI engine

- Remove securing bolts -1- for power steering pump through holes in pulley.



#### All vehicles

- Unscrew bolt -arrow- on back of power steering pump.
- Take out power steering pump.

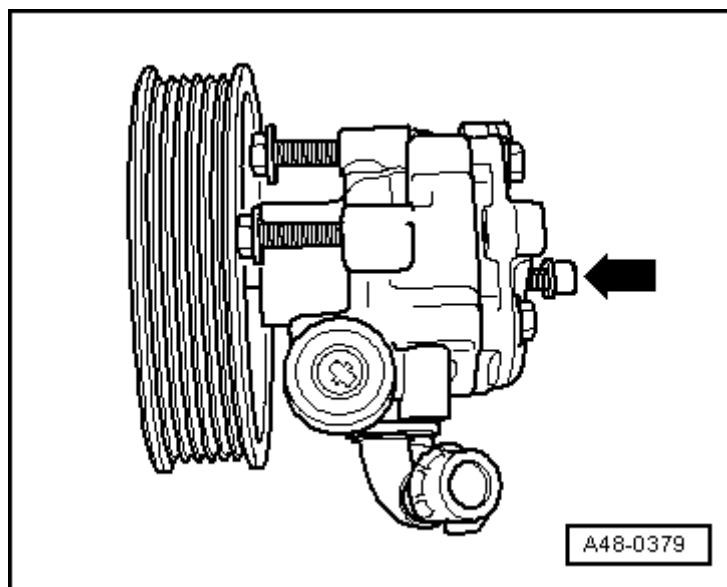
#### Installing

Installation is performed in reverse sequence; note the following:

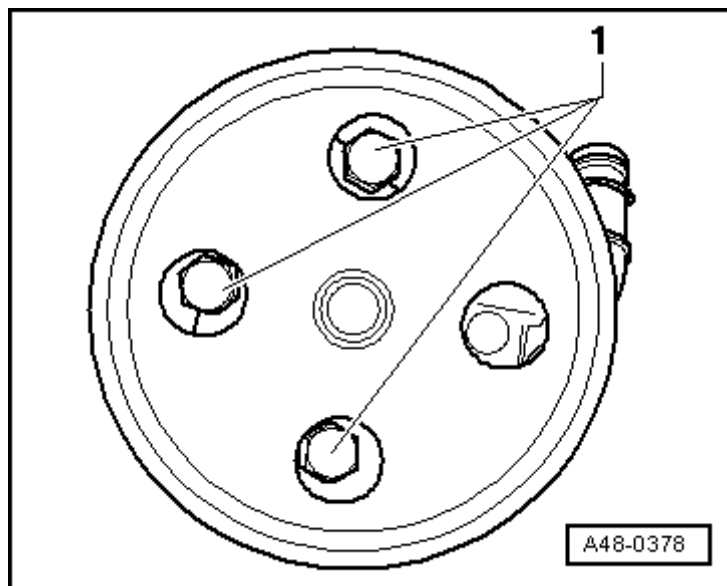
- ♦ Renew gaskets and seals.
- ♦ Before fitting a new pump, put in hydraulic fluid at the inlet and turn pump by hand until

fluid flows out at the pressure outlet.

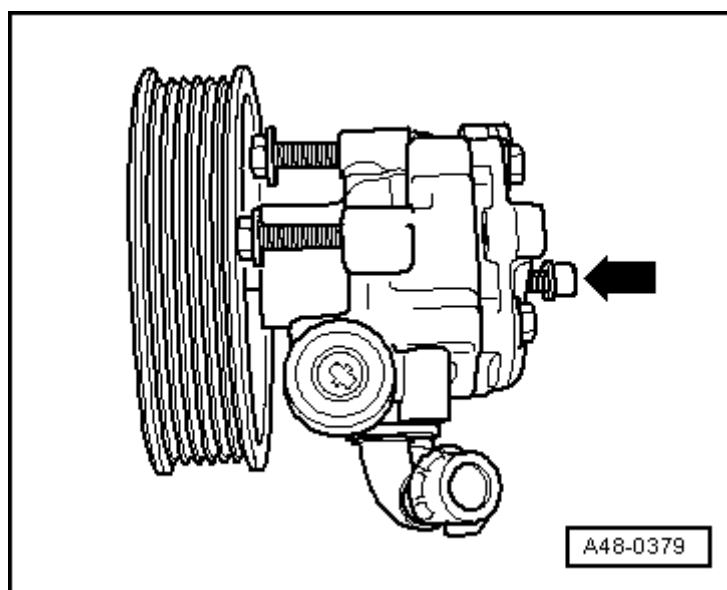
- ◆ Secure all hose connections with new hose clips. → [Parts catalogue](#)
- Turn hub by hand until fluid comes out at pump outlet.



- Fit pump on bracket.
- Install and tighten bolts -1-. → [Rep. Gr.13](#)



- Tighten bolt -arrow- on back of power steering pump. → [Rep. Gr.13](#)
- Fit new seals on banjo bolt.
- Tighten banjo bolt for pressure hose → [Item](#).
- Install suction hose. Installation position → [Chapter](#).



- Bolt on power steering pump pulley. → [Rep.](#)

### Gr.13

- Fit poly V-belt.  
→ Rep. Gr.13

Ensure that the belt is properly seated in the pulleys when installing.

- Install lock carrier. → Rep. Gr.50
- Install bumper. → Rep. Gr.63
- Install noise insulation. → Rep. Gr.50
- Fill up with hydraulic fluid  
→ Parts catalogue.
- Start engine and check that belt runs properly.
- Check hydraulic fluid level  
→ Chapter.
- Bleed steering system  
→ Chapter.
- Check steering system for leaks  
→ Chapter.

