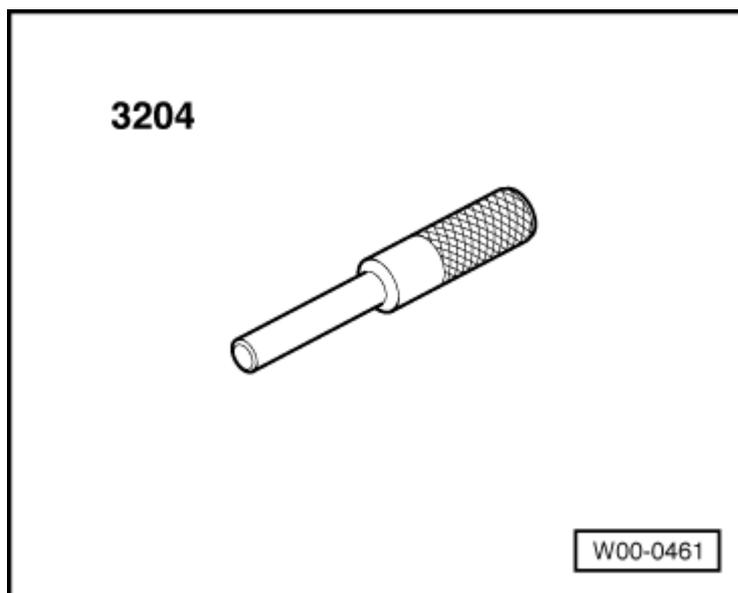


## Removing and installing alternator

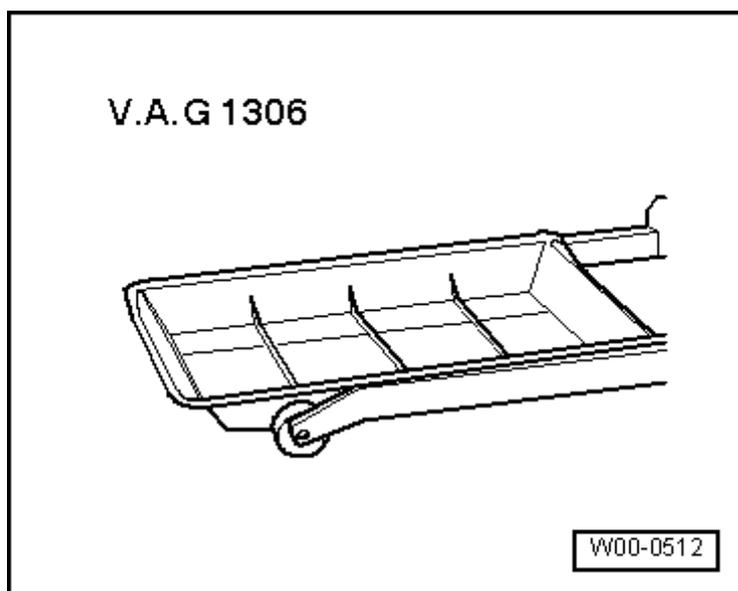
### Vehicles with V8 TDI engine

#### Special tools and workshop equipment required

- ◆ Locking pin 3204



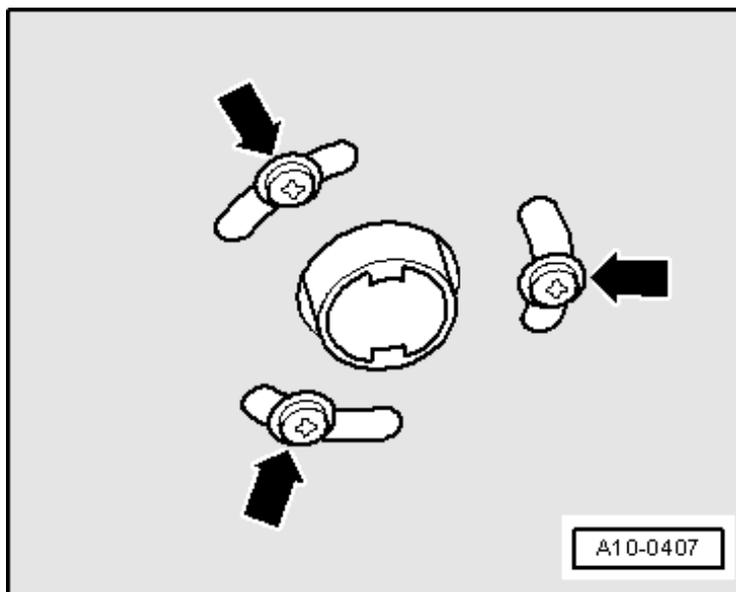
- ◆ Drip tray V.A.G 1306



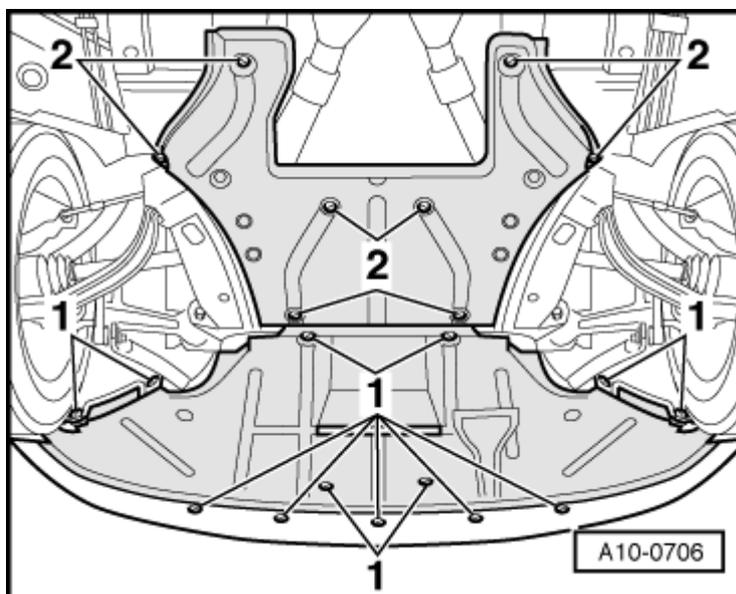
#### Removing

**Warning!**  
*Hot steam can escape when the cap on the expansion tank is opened. Cover the cap with a cloth, and open it carefully.*

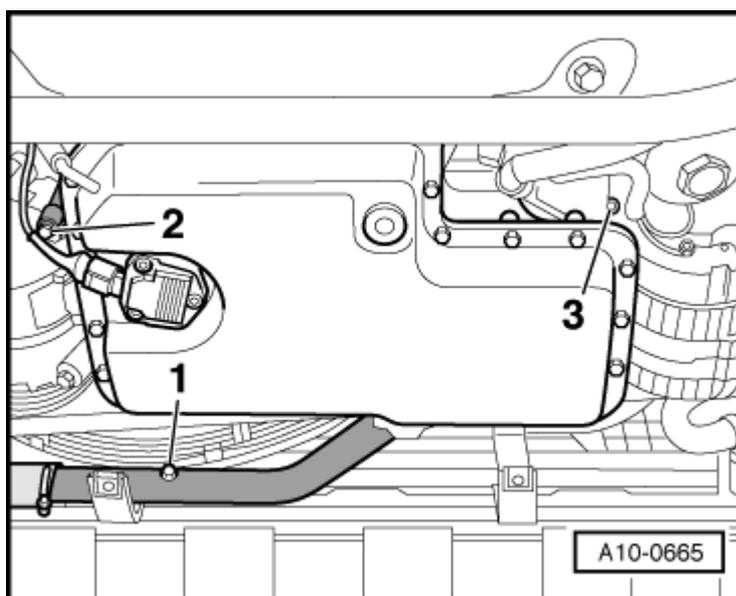
- Open cap on coolant expansion tank.
- → Remove screws -arrows- securing exhaust pipe of auxiliary/additional heater to noise insulation.



- → Release quick-fasteners -1- and take off front noise insulation.



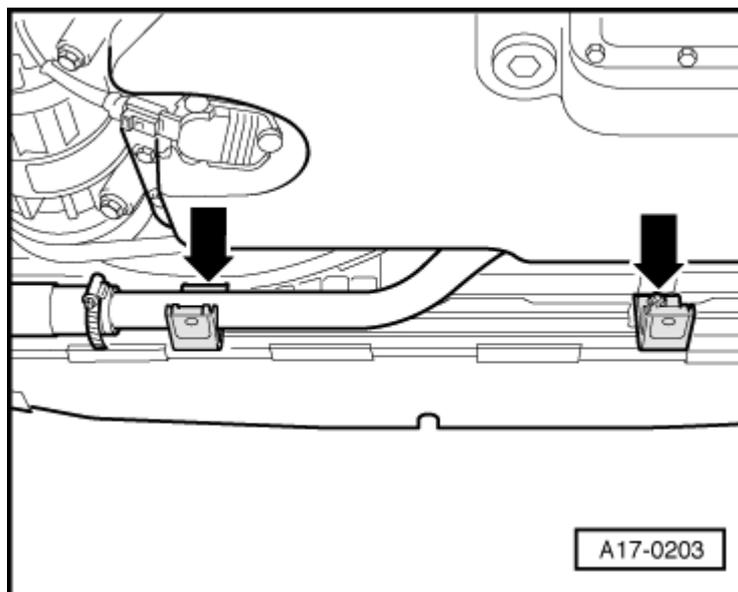
- Place drip tray V.A.G 1306 below engine.
- → Unscrew drain plugs -1 ... 3- and drain coolant.



- → Unbolt brackets for front noise

insulation -arrows-.

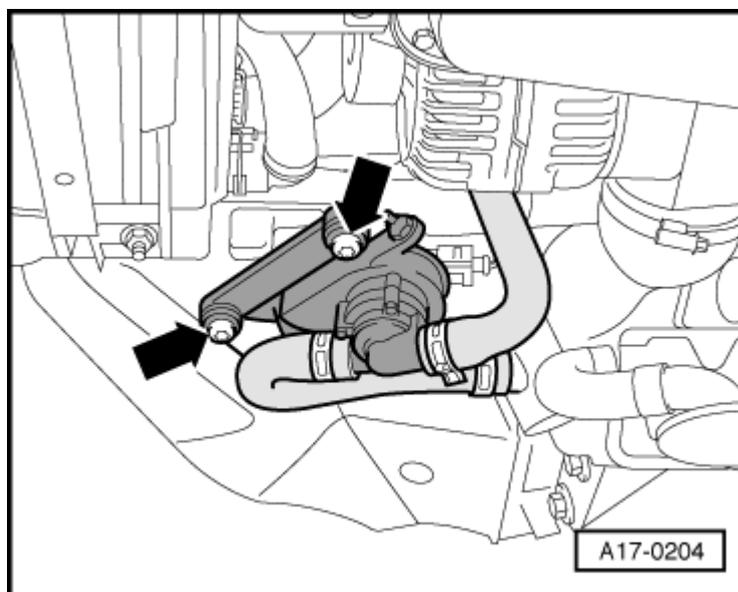
- Remove bottom coolant pipe at lock carrier.



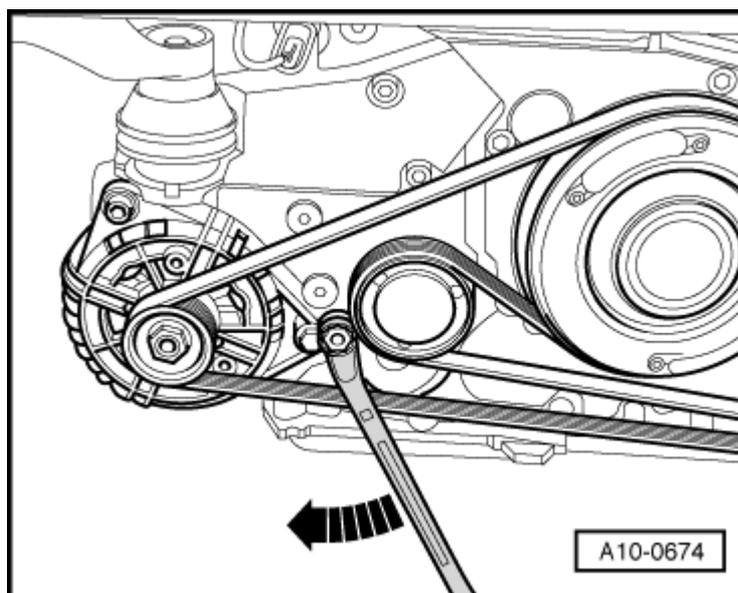
- → Pull coolant pump for fuel cooling system off from retaining pins.

**Note:**

*Leave connector and hoses connected.*



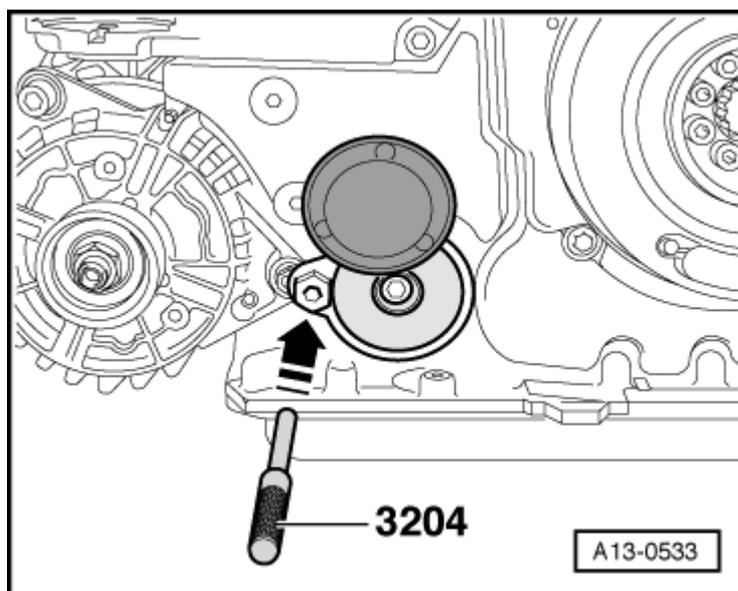
- → To slacken ribbed belt, swivel ribbed belt tensioner in direction of arrow.



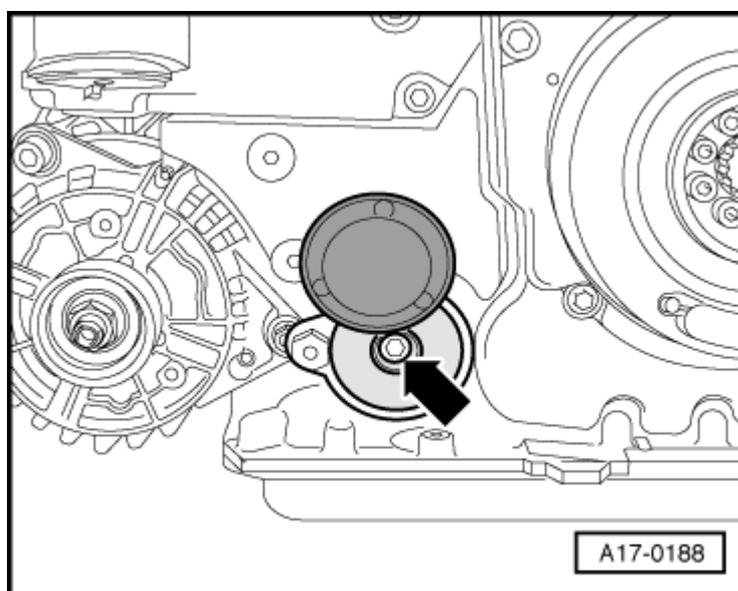
- → Insert locking pin 3204 into holes -

arrow- to lock belt tensioner.

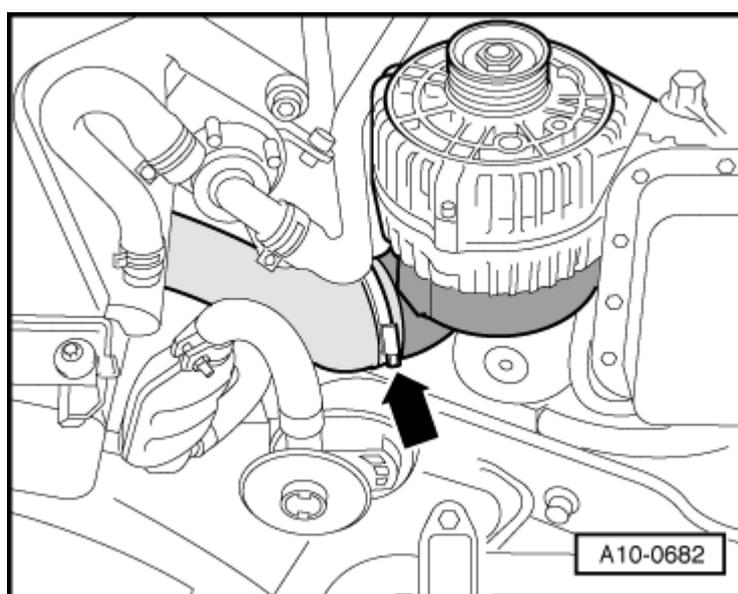
- Remove ribbed belt from alternator pulley only.



- → Unbolt ribbed belt tensioning roller -arrow-.
- Remove cover behind tensioning roller.



- → Remove air duct for alternator -arrow-.
- Disconnect wiring from alternator.



- → Unscrew alternator securing bolts

- arrows-
- Remove alternator.

### Installing

- Installation is performed in the reverse sequence.
- Fill up with coolant:

=> [Engine Mechanics; Repair group 19](#)

### Tightening torques

Component		Nm
Ribbed belt tensioning roller to engine		45
Alternator to	M8	22
oil filter bracket	M10	45
Hose clamps for coolant hoses		2
Hose clamps for air feeder hoses		3.5

