

Removing and installing radiator

Special tools and workshop equipment required

- ♦ Drip tray for workshop cranes -VAS 6208- or -V.A.G 1306-

Removing



Note

- ♦ Collect drained coolant in a clean container for disposal or re-use.
- ♦ Coolant must be completely drained off if radiator is replaced.

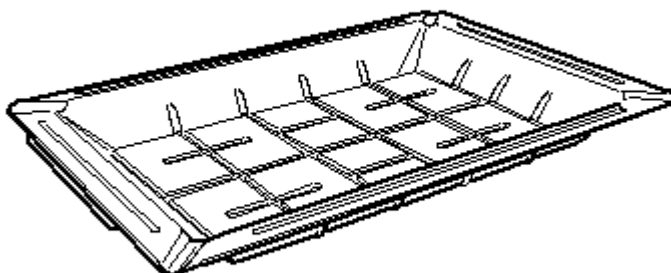


WARNING

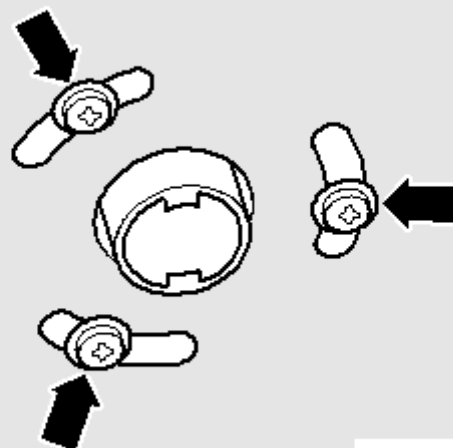
Hot vapour/coolant may escape when opening the expansion tank. Cover the cap with a cloth and open carefully.

- Open cap of coolant expansion tank.
- On vehicles with auxiliary heater, screw out bolts -arrows- for attaching exhaust pipe of auxiliary/supplementary heater to noise insulation.

VAS 6208

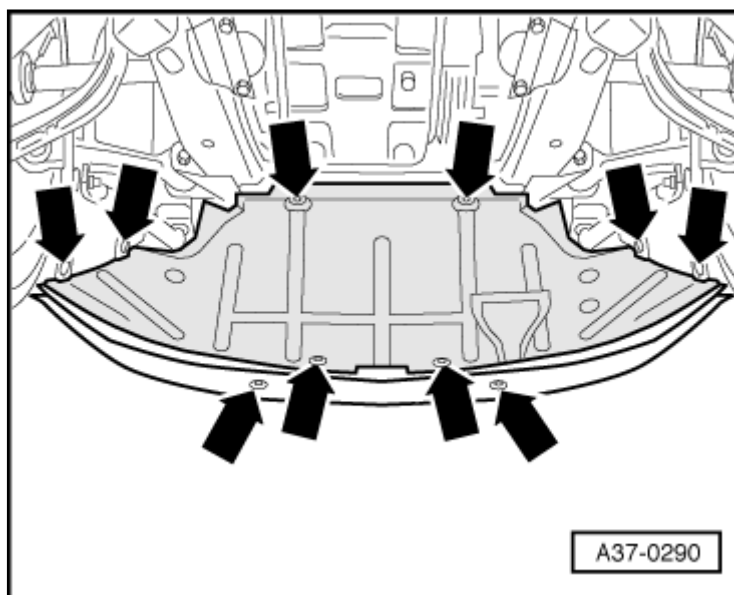


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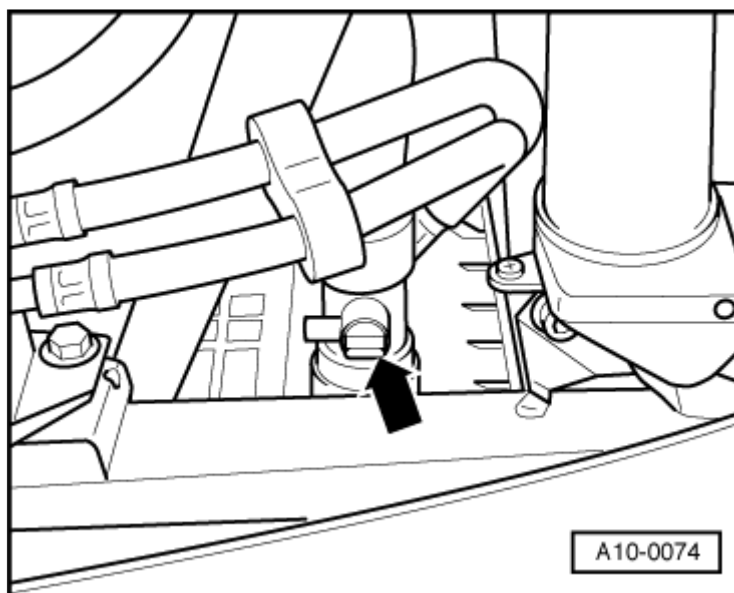


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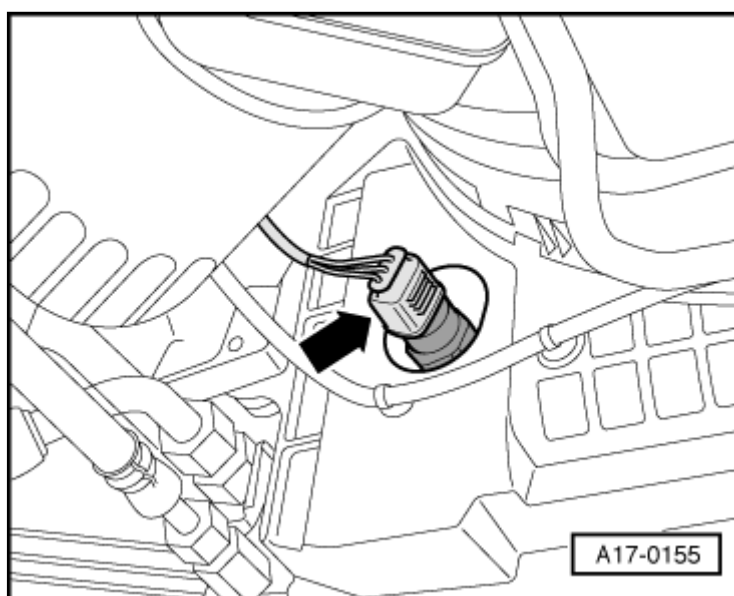
- Detach noise insulation -arrows-.



- Place drip tray for workshop cranes -VAS 6208- or -V.A.G 1306- beneath engine.
- Turn drain plug -arrow- on right of radiator anti-clockwise. Attach hose to connection if necessary.
- Disengage clip at connecting flange and detach coolant hose at bottom of radiator.



- Unplug connector -arrow- at radiator fan thermal switch -F18-/F54- at bottom left of radiator.
- Remove front bumper → [General body repairs, exterior; Rep. Gr.63.](#)

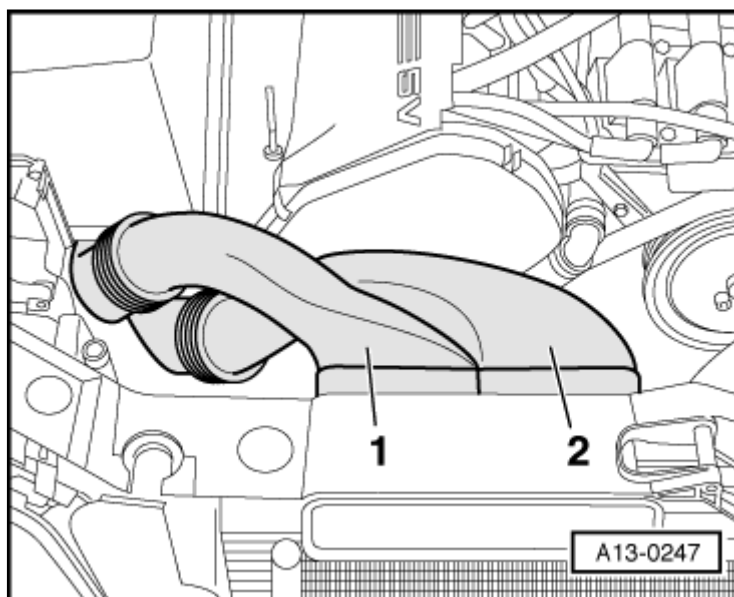


Vehicles with automatic gearbox:

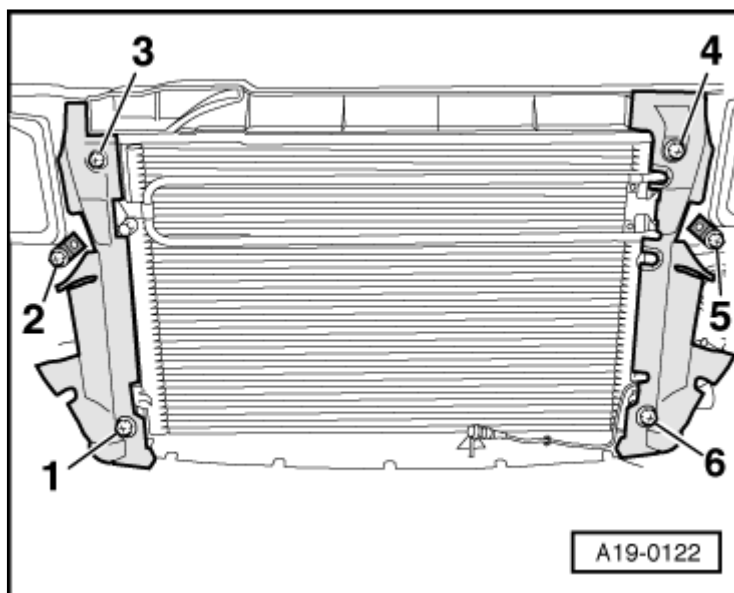
- Remove air ducts -1- and -2-.
- Detach ATF pipes from radiator
→ Automatic gearbox 01V, front-wheel drive and four-wheel drive; Rep. Gr.37.

All models:

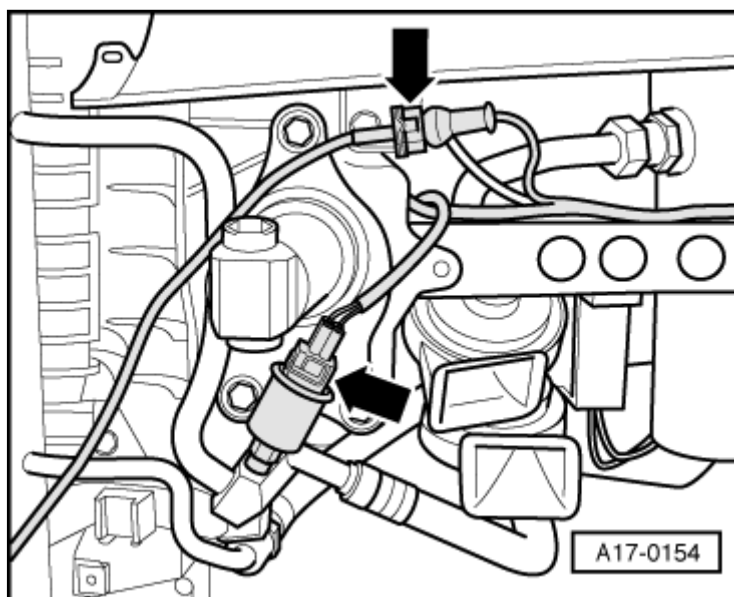
- Detach coolant hose at top of radiator.
- Remove decorative trim beneath headlights → Electrical system; Rep. Gr.94.



- Unscrew holders -2- and -5- for decorative trim from headlights.
- Remove air ducts -1-, -3-, -4- and -6- at radiator on left and right.

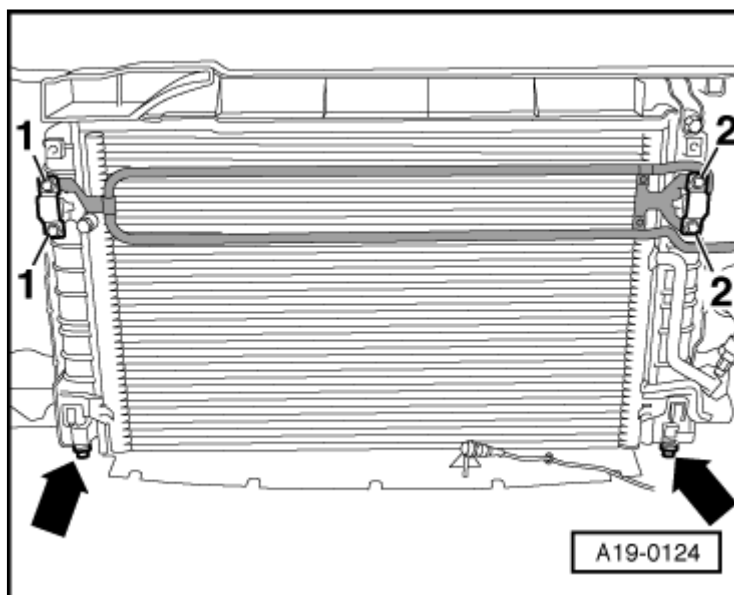


- Unplug connectors -arrows-.



- Screw out bolts -1- and -2-.

- Detach cooling pipe for power steering hydraulic fluid and lay aside with pipes connected.
- Pull condenser upwards out of holders, swivel aside and set down securely.



- Prise off both caps at top of lock carrier.
- Release both retaining pins for radiator and lift off -arrows-.
- Swivel top edge of radiator forwards and lift off radiator.

Installing

Install in reverse order, paying attention to the following:



Note

- ♦ Replace gaskets and seals.
- ♦ Secure all hose connections with standard clamps → [Parts catalogue](#).

Vehicles with automatic gearbox:

- Attach ATF pipes to ATF cooler → [Automatic gearbox 01V, front-wheel drive and four-wheel drive; Rep. Gr.37](#).
- Check ATF level → [Automatic gearbox 01V, front-wheel drive and four-wheel drive; Rep. Gr.37](#).

All models:

- Install front bumper → [General body repairs, exterior; Rep. Gr.63](#).
- Replenish coolant → [Anchor](#).

Tightening torque

Component	Nm
Condenser to radiator	10

