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Your Vehicle: 2010 Audi Q7 Quattro (4LB) V6-3.0L DSL Turbo (CATA)



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Cooling System

Coolant Hose Connection Diagram

Risk of scalding due to hot steam and hot coolant.

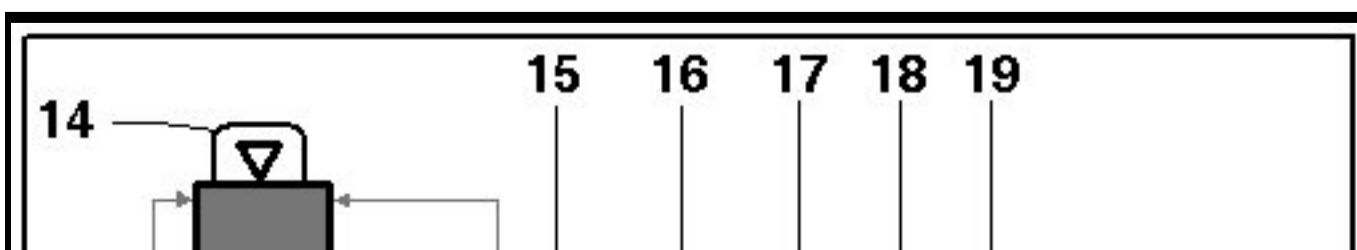
⌘

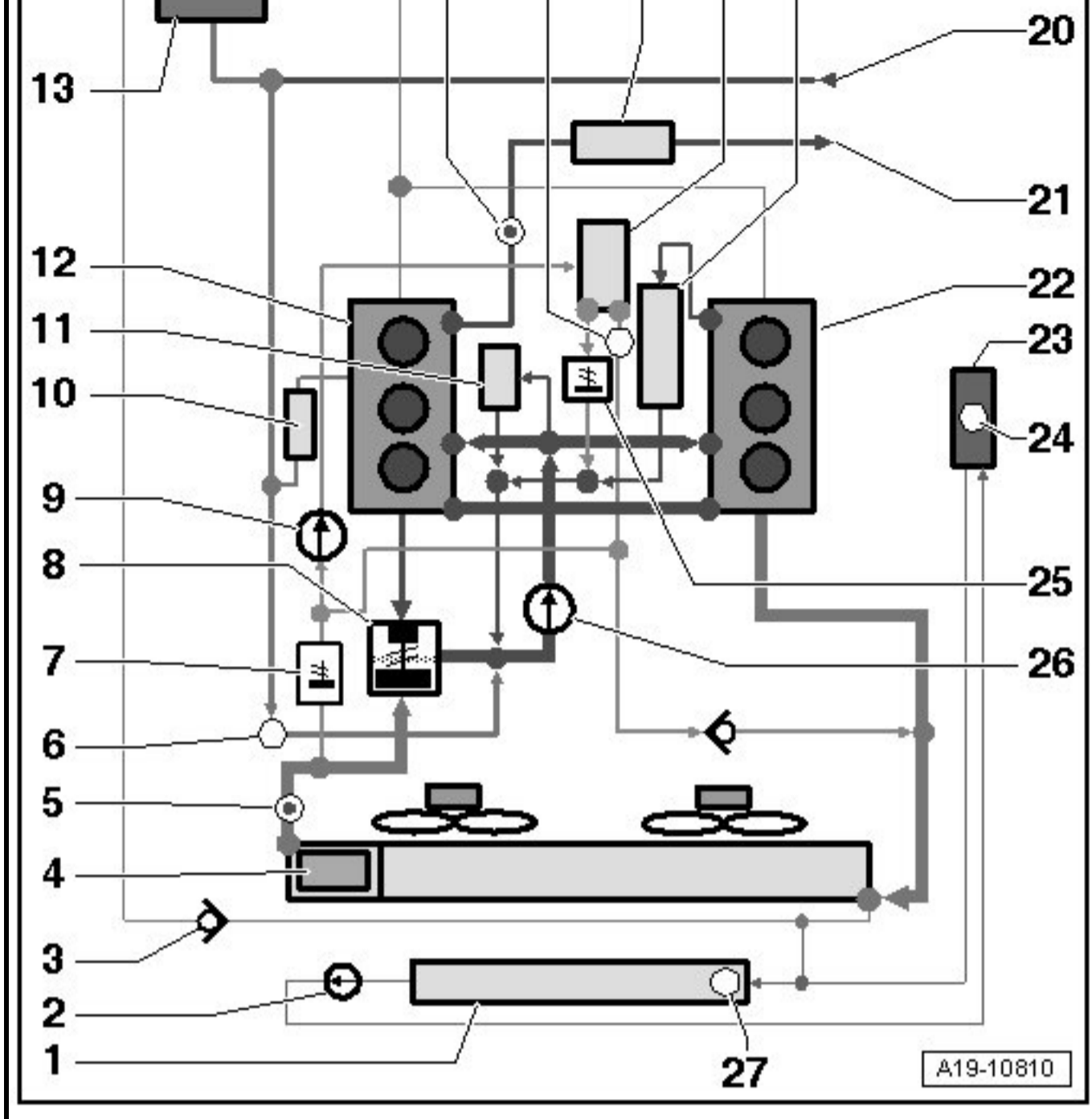
The coolant system is under pressure when the engine is warm.

⌘

Cover the **coolant reservoir** cap with a cloth and then open it slowly to release the pressure in the system.

- ⌘ When the engine is warm the **cooling system** is under pressure. If necessary release pressure before commencing repair work.
- ⌘ Arrows on coolant pipes and coolant hoses must line up across from each other.
- ⌘ Blue = large coolant circuit.
- ⌘ Brown = heating circuit.
- ⌘ Green = fuel system coolant circuit.
- ⌘ Orange = exhaust gas recirculation coolant circuit.
- ⌘ Red = small coolant circuit.





Zoom

Sized for Print

1 Fuel System Cooler

⌘ Change coolant after replacing

2 Fuel Cooler Pump (V166)

3 Non-Return Valve

⌘ The arrow points in the flow direction

4 Radiator

⌘ Change coolant after replacing

5 Engine Coolant Temperature Sensor on Radiator (G83)

6 Bleeder Screw

7 Coolant Thermostat

⌘ For the exhaust gas recirculation coolant circuit

8 Coolant Thermostat

9 Exhaust Gas Recirculation (EGR) Cooler Pump (V400)

⌘ In the exhaust gas recirculation coolant circuit

10 Generator

11 Engine Oil Cooler

12 Cylinder Head Bank 1 (right)

⌘ Change coolant after replacing

13 Coolant Reservoir

14 Coolant Reservoir Cap

⌘ Pressure relief valve, checking => [Pressure Relief Valve in Cap, Checking] [See: Engine, Cooling and Exhaust\Cooling System\Testing and Inspection](#)

15 Engine Coolant Temperature Sensor (G62)

16 Bleeder Screw

17 Auxiliary Cooler for the Exhaust Gas Recirculation (EGR)

18 Cooler for Exhaust Gas Recirculation (EGR)

19 By-Pass Valve for the Exhaust Gas Recirculation (EGR) Cooler

20 From Heat Exchanger for Heater Unit

21 To Heat Exchanger for Heater Unit

22 Cylinder Head Bank 2 (left)

⌘ Change coolant after replacing

23 Fuel Cooler

⌘ On the [fuel filter](#)

⌘ Only vehicles built through 05.10

24 Bleeder Screw

⌘ Only vehicles built through 05.10

25 Coolant Thermostat

⌘ For the exhaust gas recirculation coolant circuit

⌘ With Exhaust Gas Recirculation (EGR) motor (V338)

26 Coolant Pump

⌘ Only vehicles built through 05.10

27 Bleeder Screw

⌘ Only vehicles built through 05.10

