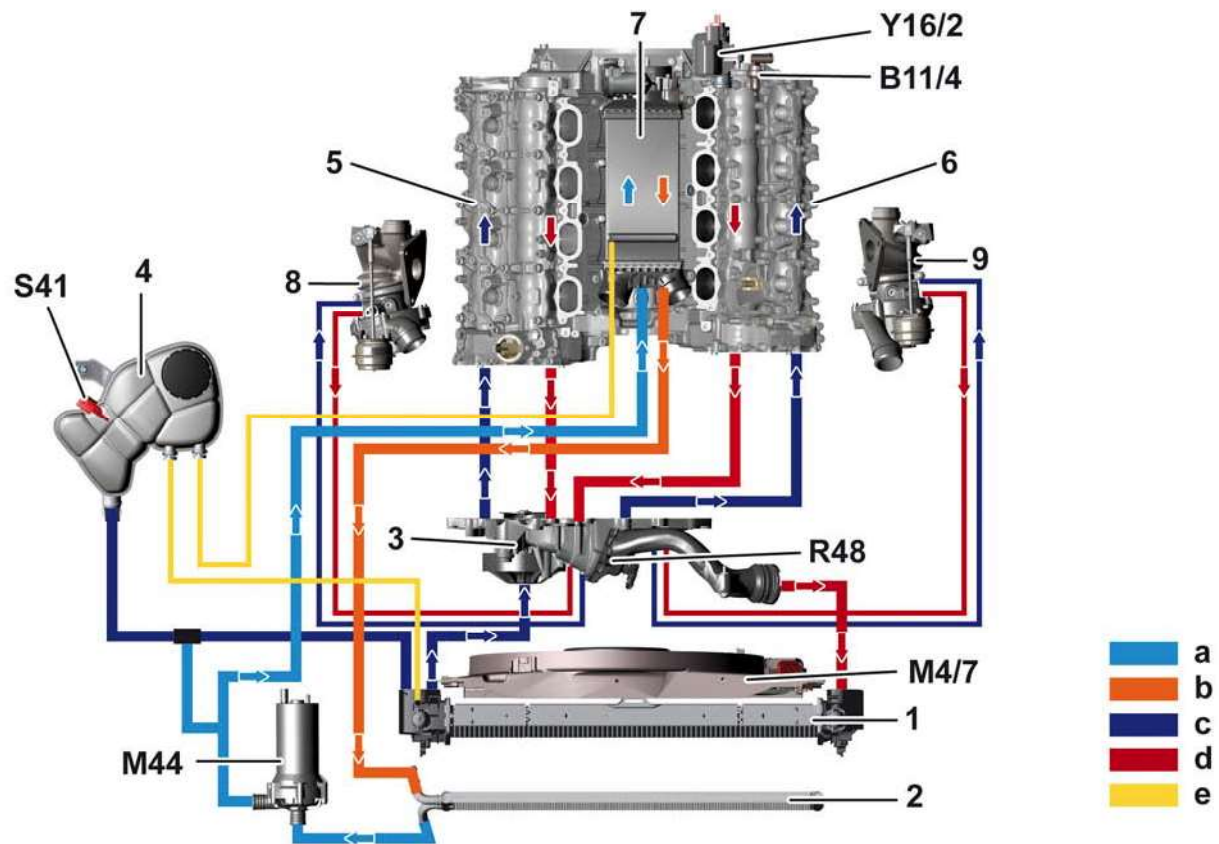


Engine cooling



P18.00-2292-00

Coolant circuit (schematic, shown on the 8-cylinder engine)

- | | | | |
|---|---------------------------------|-------|--|
| 1 | Radiator | B11/4 | Coolant temperature sensor |
| 2 | Low-temperature cooler | M4/7 | Engine and air conditioning electric suction fan with integrated control |
| 3 | Coolant pump | M44 | Charge air cooler circulation pump |
| 4 | Expansion reservoir | R48 | Two-disk thermostat heating element |
| 5 | Right cylinder bank | S41 | Coolant level indicator switch |
| 6 | Left cylinder bank | Y16/2 | Heating system shutoff valve |
| 7 | Charge air cooler | | |
| 8 | Right turbocharger (M 278 only) | a | Charge air cooler coolant feed |
| 9 | Left turbocharger (M 278 only) | b | Charge air cooler coolant return |
| | | c | Engine and turbocharger coolant feed |
| | | d | Engine and turbocharger coolant return |
| | | e | Vent |