Engine   **152, 157, 276, 278**
Engine   **157**

Nm **Coolant pump, coolant thermostat**

Number	Designation				Engine 276
BA20.10-P-1001-01AA	Screw/bolt, coolant pump to timing case cover/ crankcase	M6	Stage 1	Nm	5
			Stage 2	Nm	10
		M8	Stage 1	Nm	10
			Stage 2	Nm	20

Nm **Coolant pump, coolant thermostat**

Number	Designation				Engine 152	Engine 157
BA20.10-P-1001-01W	Screw/bolt, coolant pump to timing case cover/ crankcase	M7	Stage 1	Nm	5	2
			Stage 2	Nm	14	14
		M8	Stage 1	Nm	10	20
			Stage 2	Nm	20	-

Nm **Coolant pump, coolant thermostat**

Number	Designation				Engine 278
BA20.10-P-1001-01W	Screw/bolt, coolant pump to timing case cover/ crankcase	M7	Stage 1	Nm	5
			Stage 2	Nm	14
		M8	Stage 1	Nm	10
			Stage 2	Nm	20

Shown on engine 276
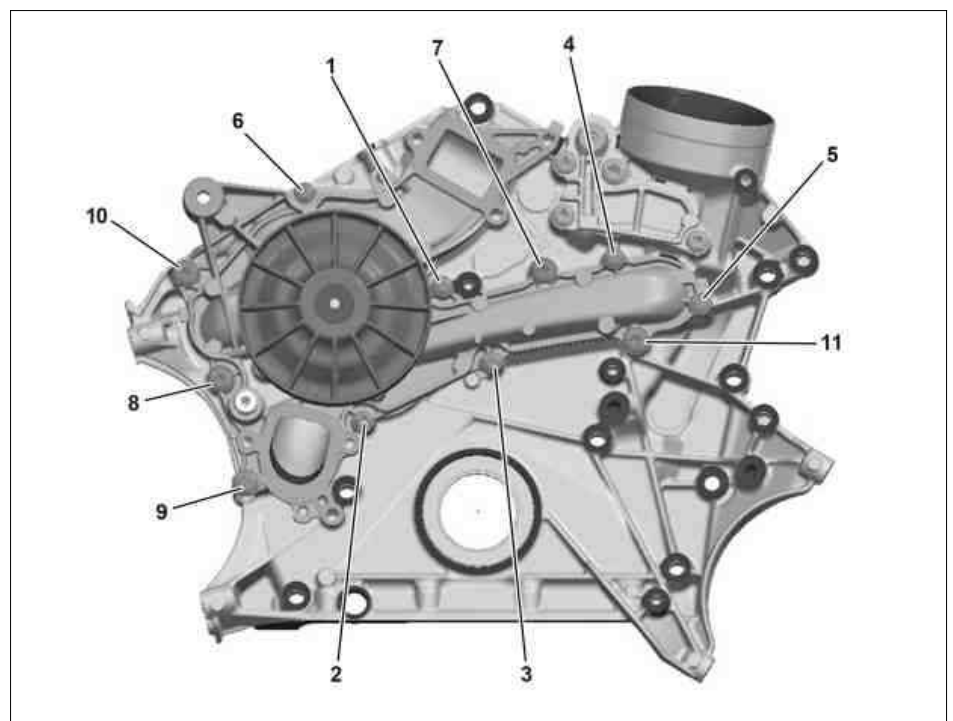
Shown on engine 152, 157, 278
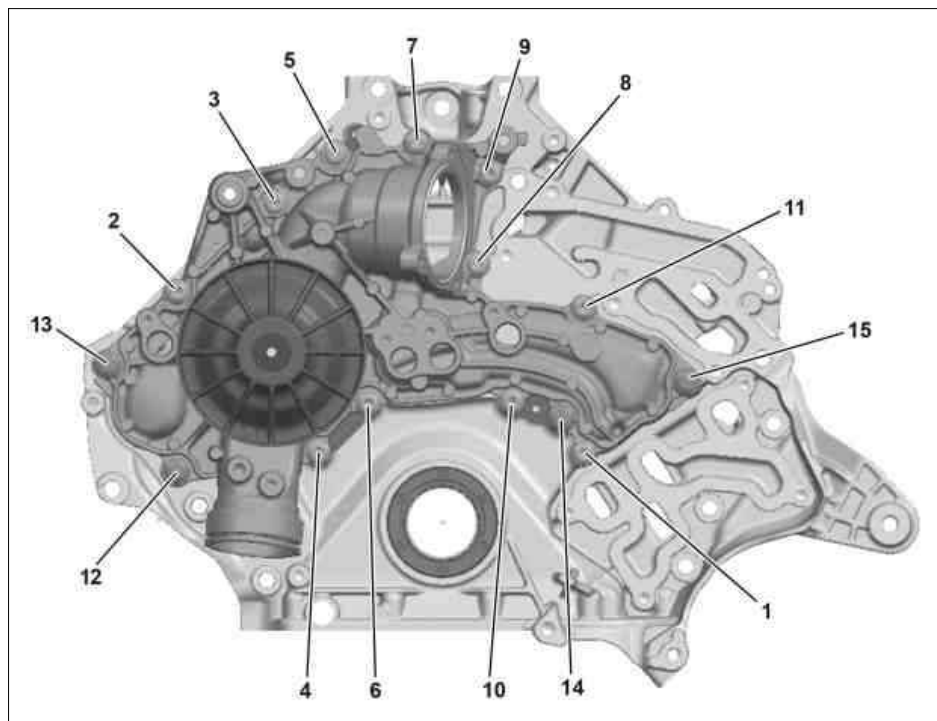
ℹ️ The following sequence for the coolant pump must be observed to avoid consequential damage.

ℹ️ Use the reverse order of tightening to loosen the screw/bolts (1 to 9) of the coolant pump.

1.1 Engine 276
Tighten screw/bolts (1 to 11) according to Stage 1.

1.2 Engine 152, 157, 278
Tighten screw/bolts (1 to 15) according to Stage 1.

2.1 Engine 276
Tighten screw/bolts (1 to 11) according to Stage 2.

2.2 Engine 152, 157, 278
Tighten screw/bolts (1 to 15) according to Stage 2.