

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 M6 to timing case cover/ crankcase	Stage 1	Nm	5	
			Stage 2	Nm	10
		M8	Stage 1	Nm	10
			Stage 2	Nm	20

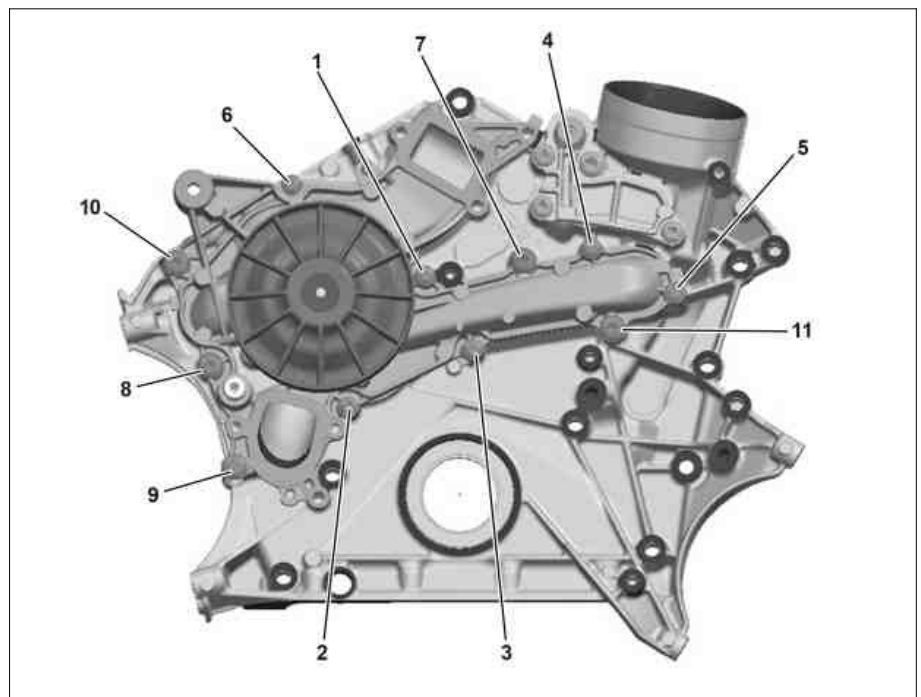
**Nm** Coolant pump, coolant thermostat

Number	Designation			Engine 152	Engine 157	
BA20.10-P-1001-01W	Screw/bolt, coolant pump M7 to timing case cover/ crankcase	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

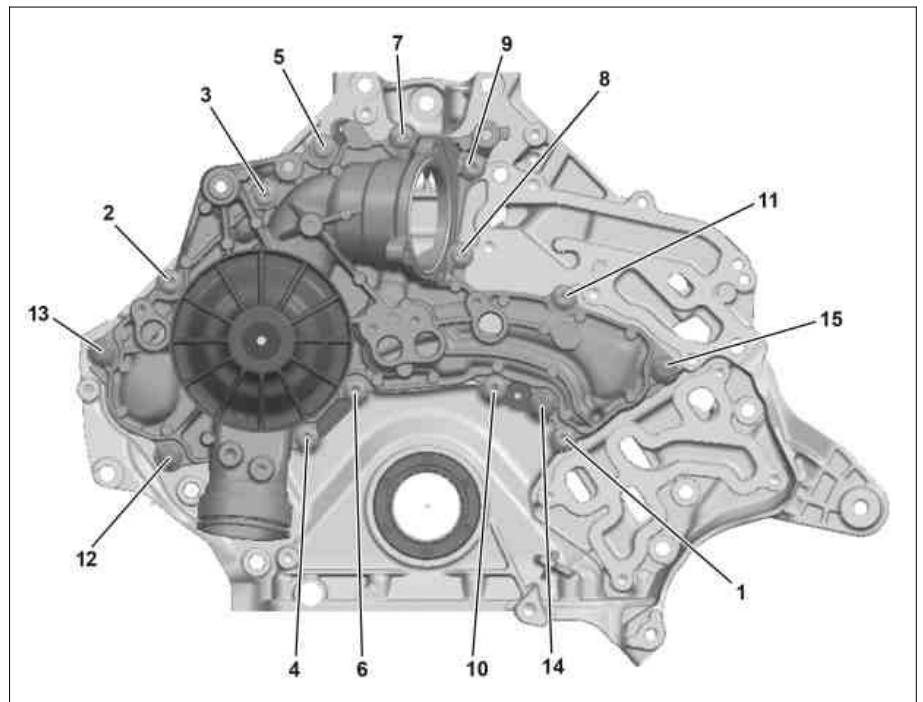
Number	Designation			Engine 278	
BA20.10-P-1001-01W	Screw/bolt, coolant pump M7 to timing case cover/ crankcase	Stage 1	Nm	5	
			Stage 2	Nm	14
		M8	Stage 1	Nm	10
			Stage 2	Nm	20

Shown on engine 276



P20.10-2394-06

Shown on engine 152, 157, 278



P20.10-2395-06

**i** The following sequence for the coolant pump must be observed to avoid consequential damage.

**i** 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.