ENGINE 278 in MODEL 207
ENGINE 157, 278 in MODEL 212, 218

1 Coolant thermostat housing
1l Upper charge air duct on the left
2 Left engine cover
3 Screw/bolts
4 Engine air intake duct
5 Screw/bolt
R48 Coolant thermostat heating element

P20.10-2287-12

	Risk of injury caused by fingers being jammed or pinched when removing, installing or aligning hoods, doors, trunk lid/rear-end door or sliding roof.	No parts of the body or limbs should be within the operating area when the components are moving.	AS00.00-Z-0011-01A
	Remove/install		
1	Switch off ignition		
2	Remove left engine cover (2)		
3	Remove engine air intake duct (4) on left air filter housing		
4	Remove poly-V belt		AR13.20-P-0001ELB
5	Remove upper charge air duct on the left (1l)		AR09.41-P-8620ELB
6	Disconnect electrical connector on coolant thermostat heating element (R48)		
7	Drain coolant Notes on coolant	ENGINE 278 in MODEL 207 ENGINE 157, 278 in MODEL 212, 218	AR20.00-P-1142FH AH20.00-N-2080-01A AR20.00-P-1142EL
8	Remove coolant hose on coolant thermostat housing (1)		AR09.41-P-1311-01AL
9	Remove screw/bolt (5) on oil filter housing	Nm Screw/bolt, housing for coolant thermostat to oil filter housing	*BA20.10-P-1005-01W
10	Remove screw/bolts (3) for coolant thermostat housing (1) on coolant pump	Nm Screw/bolt, coolant thermostat housing to coolant pump/oil filter housing	*BA20.10-P-1002-01W
11	Remove coolant thermostat housing (1)	The coolant thermostat must not be removed from coolant thermostat housing (1). The coolant thermostat will be destroyed in the process. **Installation:** Replace O-ring and seal.	
12	Install in the reverse order		
	Check		

13	**Risk of accident** from vehicle starting off by itself when engine running. **Risk of injury** (bruises and burns) resulting from working on the engine while it is being started or when it is running. Perform an engine test run and check engine for leaks	Secure vehicle to prevent it from starting off by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A

Nm **Coolant pump, coolant thermostat**

Number	Designation			ENGINE 157	ENGINE 278
BA20.10-P-1002-01W	Screw/bolt, coolant thermostat housing to coolant pump/oil filter housing	Stage 1	Nm	2	2
		Stage 2	Nm	9	9

Nm **Coolant pump, coolant thermostat**

Number	Designation			ENGINE 157	ENGINE 278
BA20.10-P-1005-01W	Screw/bolt, housing for coolant thermostat to oil filter housing	Stage 1	Nm	2	2
		Stage 2	Nm	9	9