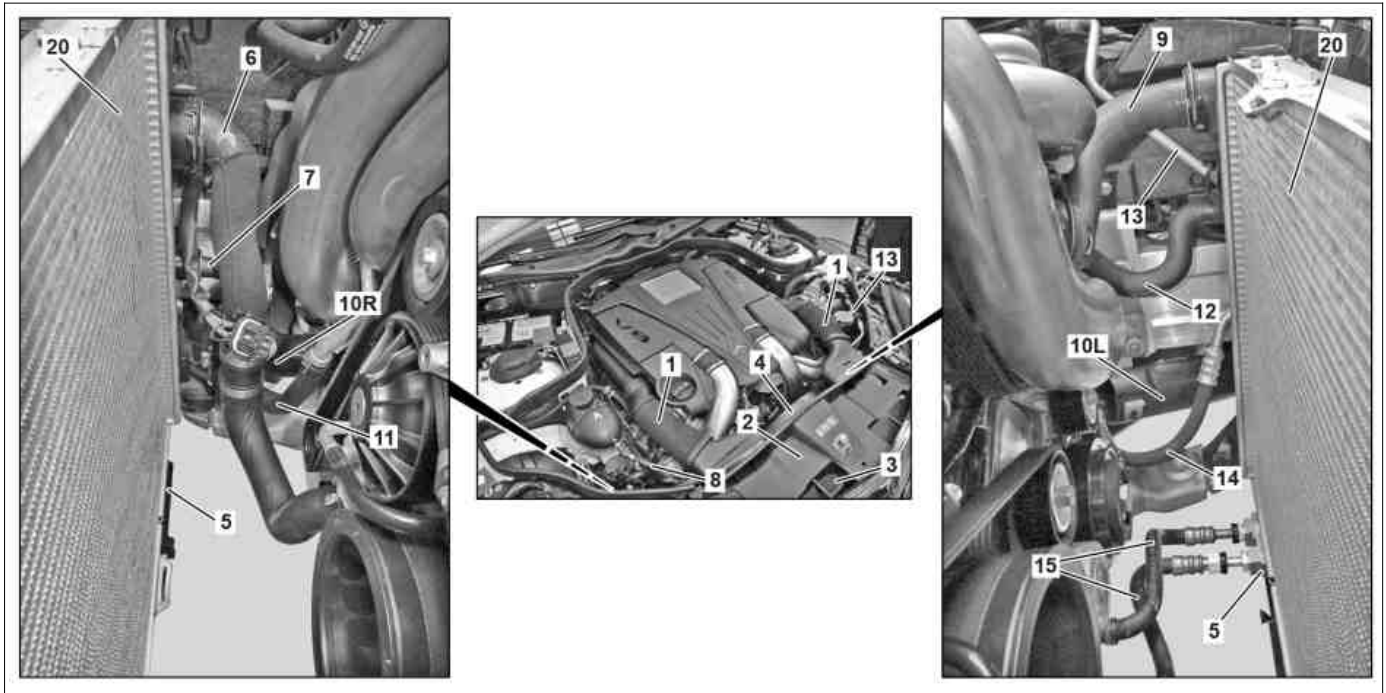


ENGINE 157 in MODEL 212, 218 with TRANSMISSION 722.93
 ENGINE 157 in MODEL 212, 218 with TRANSMISSION 722.97
 ENGINE 278 in MODEL 207, 212, 218



P20.20-2420-09

Shown on model 212.073

1	Engine air intake ducts	7	Coolant line	12	Low-temperature water circuit coolant line
2	Cold air intake	8	Coolant line	13	Refrigerant line
3	Center reinforcement	9	Coolant line	14	Refrigerant line
4	Fan unit	10L	Left air duct insert	15	Transmission oil cooling line
5	Lower air duct insert	10R	Right air duct insert	20	Radiator
6	Coolant line	11	Low-temperature water circuit coolant line		

Danger!	Risk of death caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between vehicle lift columns and position the four support plates at the vehicle lift support points specified by the vehicle manufacturer.	AS00.00-Z-0010-01A
Danger!	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	Remove engine air intake ducts (1) upstream of air filter		
2	Remove cold air intake (2) and central reinforcement (3)	ENGINE 157 in MODEL 218 with TRANSMISSION 722.9 (except 722.971) ENGINE 278 in MODEL 218 ENGINE 157 in MODEL 212 with TRANSMISSION 722.9 (except 722.97) ENGINE 278 in MODEL 207 ENGINE 278 in MODEL 212 See "Replace front area with reinforcement at the front completely".	AR62.30-P-1570EL AR62.30-P-1570EW
3	Remove fan unit (4)	ENGINE 278 in MODEL 207	AR20.40-P-5050CW

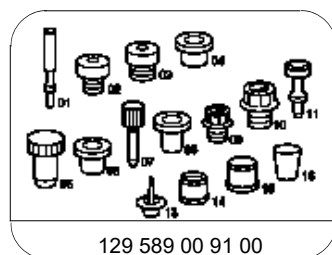
		MODEL 212, 218 with ENGINE 157 with TRANSMISSION 722.9 (except 722.971) MODEL 212, 218 with ENGINE 278	AR20.40-P-5050EL
4	Remove lower engine compartment paneling	ENGINE 157 in MODEL 212, 218 with TRANSMISSION 722.9 (except 722.971) ENGINE 278 in MODEL 207, 212, 218	AR61.20-P-1105EW
5	Unclip lower air duct insert (5) on cooler (20)		
6	Drain coolant	ENGINE 278 in MODEL 207 ENGINE 157 in MODEL 212, 218 with TRANSMISSION 722.9 (except 722.971) ENGINE 278 in MODEL 212, 218	AR20.00-P-1142FH AR20.00-P-1142EL
7	Drain air conditioning system	ENGINE 278 in MODEL 207	AR83.30-P-1760CW
8	Detach refrigerant line (14) at condenser, seal openings of refrigerant line (14) and condenser with suitable stop plugs	i Installation: Use new sealing ring. Moisten new sealing ring with compressor oil. Nm Screw/bolt, line to condenser S Record plug	*BA83.30-P-1022-01A *129589009100
9	Detach coolant lines (6, 7, 8) from radiator (20)		AR20.20-P-7441-01RQ
10	Remove coolant line (9)		AR20.20-P-7441-01RQ
11	Remove left and right air duct insert (10L, 10R) for ATL and engine mount		
12	Unclip cooler from condenserr (20) and lift out		
13	Take out radiator (20) in an upward direction	i Radiator package consisting of cooler for low-temperature water circuit , oil cooler and condenser for A/C against falling down.	
◀	Check		
14	Check cooler (20) for signs of damage	Only when reusing the radiator (20).	
15	Install in the reverse order		
16	Check cooling system for leaktightness	ENGINE 278 in MODEL 207 ENGINE 157 in MODEL 212, 218 with TRANSMISSION 722.9 (except 722.971) ENGINE 278 in MODEL 212, 218	AR20.00-P-1010FH AR20.00-P-1010EL
⚠ Danger !	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.	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
17	Perform an engine test run and check cooling system for proper operation		

Nm Air conditioning

Number	Designation		MODEL 207	MODEL 212
BA83.30-P-1022-01A	Screw/bolt, line to condenser	Nm	8	8

Nm Air conditioning

Number	Designation		MODEL 218
BA83.30-P-1022-01A	Screw/bolt, line to condenser	Nm	8



Record plug