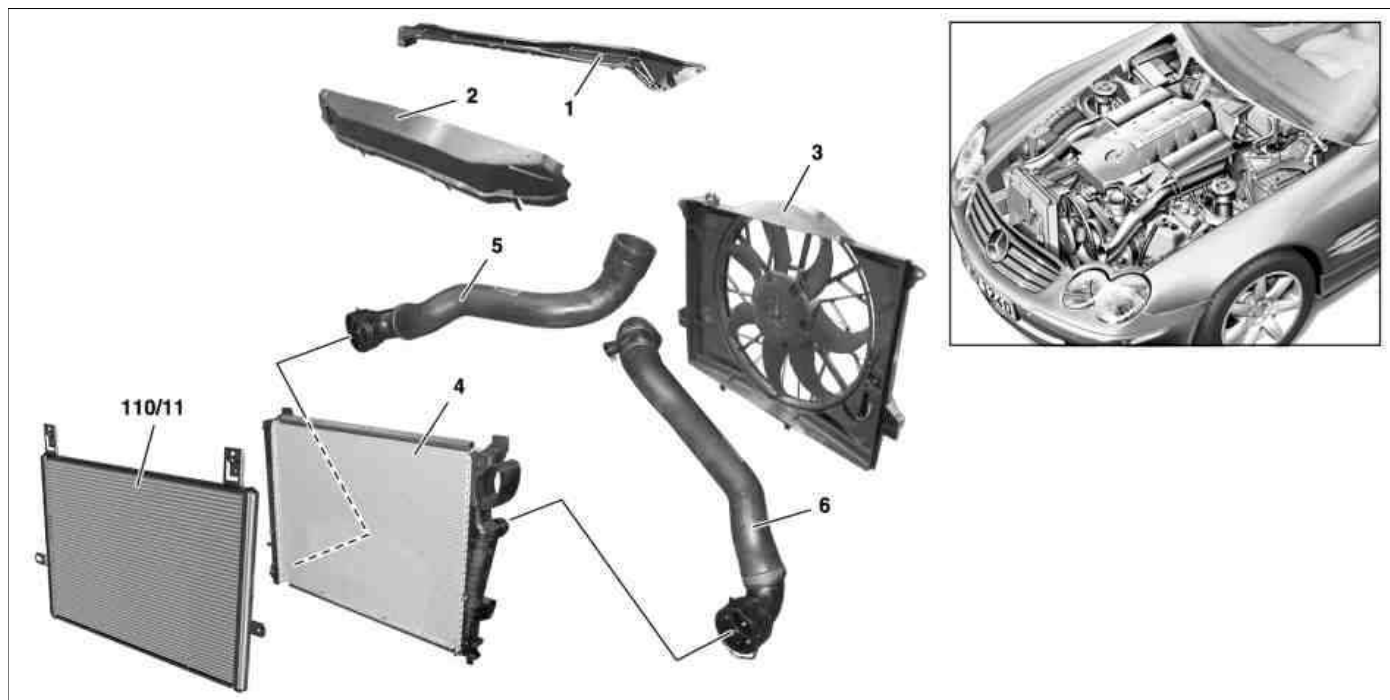


ENGINES 113.990 in **MODEL** 211.076 /276
ENGINES 113.991 in **MODELS** 215.374, 220.074
ENGINES 113.992 in **MODEL** 230.474
ENGINES 113.995 in **MODEL** 230.472



P09.41-2088-09

Shown on model 230.474

- | | | |
|---|--|---------------------------------|
| 1 Radiator crossmember
2 Plastic cover
3 Fan shroud | 4 Radiator
5 Coolant line
6 Coolant line | 110/11 Low temperature radiator |
|---|--|---------------------------------|

	Remove/install		
Danger!	Risk of injury to skin and eyes caused by scalding from contact with hot coolant spray. Risk of poisoning caused by swallowing coolant.	Do not open cooling system unless coolant temperature is below 90°C. Open cap slowly and release the pressure. Do not pour coolant into beverage containers. Wear protective gloves, protective clothing and safety glasses.	AS20.00-Z-0001-01A
1	Remove top engine cover	Detach engine cover at both air filter housings and at bracket upwards.	
2 	Drain coolant at radiator (4) Notes on coolant		AR20.00-P-1142RVK AH20.00-N-2080-01A *BF20.00-P-1001-02K
3	Remove radiator (4)	Model 230 Model 215, 220 Model 211	AR20.20-P-3865R AR20.20-P-3865AB AR20.20-P-3865TV
4	Slacken space saving clamps at low temperature radiator (110/11)	Special pliers	
5	Detach coolant hoses at low temperature radiator (110/11)	Installation: Pay attention to correct seating at low temperature radiator (110/11), in order to avoid water loss.	
6	Remove bolts at low temperature radiator (110/11)		
7	Remove low temperature radiator (110/11)		
8	Install in the reverse order		
9	Inspecting cooling system for leaks		AR20.00-P-1010RVK

Cooling system

Number	Designation	Engine 113.992/995 in model 230	Engine 113.990

BF20.00-P-1001-02K	Cooling system	Total filling capacity	Liters	≈ 13.0	≈ 13.2
		Capacity of anticorrosion/ antifreeze agent down to -37°C	Liters	≈ 6.5	≈ 6.6
		Filling capacity of anticorrosion/ antifreeze down to -45 °C	Liters	≈ 7.3	≈ 7.3
		Specifications for Operating Fluids	Sheet	BB00.40-P-0310-01A	BB00.40-P-0310-01A
			Sheet	BB00.40-P-0325-00A	BB00.40-P-0325-00A

Cooling system

Number	Designation	Engine 113.991 in model 215		Engine 113.986/991 in Model 220	
BF20.00-P-1001-02K	Cooling system	Total filling capacity	Liters	≈ 14.5	≈ 13.5
		Capacity of anticorrosion/ antifreeze agent down to -37°C	Liters	≈ 7.3	≈ 6.8
		Filling capacity of anticorrosion/ antifreeze down to -45 °C	Liters	≈ 8	≈ 7.4
		Specifications for Operating Fluids	Sheet	BB00.40-P-0310-01A	BB00.40-P-0310-01A
			Sheet	BB00.40-P-0325-00A	BB00.40-P-0325-00A