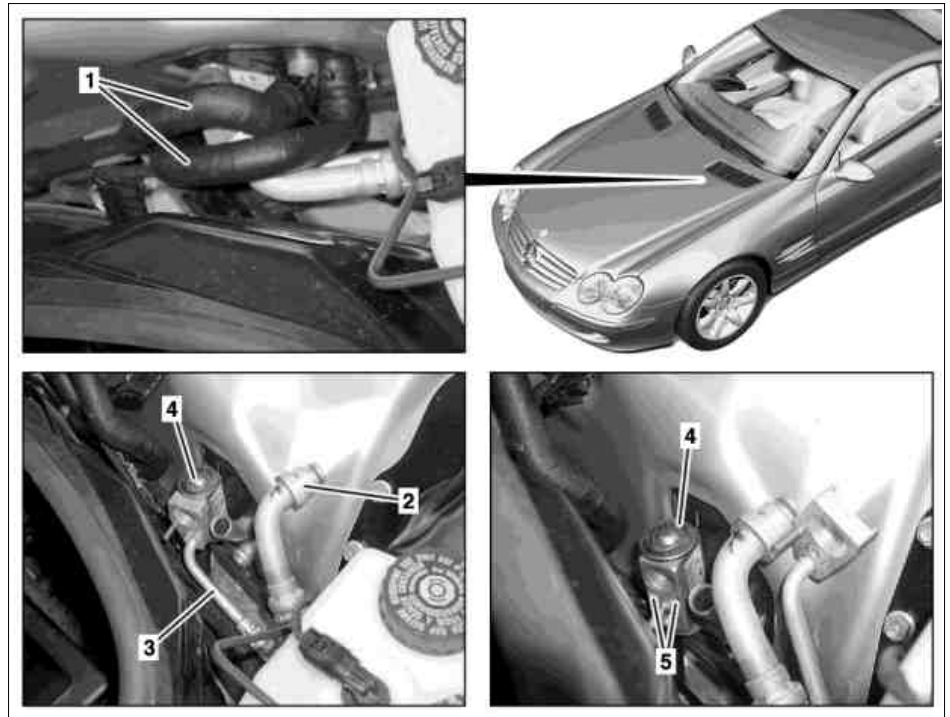


MODEL 230.4











Shown on model 230.4 without code (P99)
Special model "AMG Black Series"

- 1 Coolant hoses
- 2 Suction pipe
- 3 High pressure line
- 4 Expansion valve
- 5 Bolts



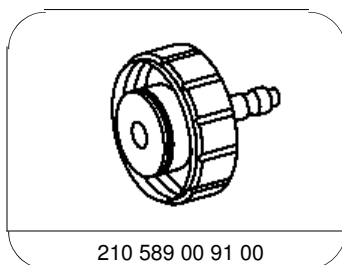
P83.30-4360-06

	Removing		
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
Danger!	Risk of explosion caused by welding or soldering work on closed air conditioning system. Risk of poisoning caused by inhaling overheated refrigerant vapors. Risk of injury to skin and eyes caused by contact with liquid refrigerant.	Never perform welding work on or near a closed air conditioning system. No smoking or open flames. Wear safety glasses and protective gloves. Work only in well ventilated areas. Carry out repair work on the air conditioning system circuit only after the system has been discharged.	AS83.00-Z-0001-01A
	Notes on coolant		AH20.00-N-2080-01A
	Procedure for a damaged or leaky air conditioning system		AH83.30-N-0004-01A
	Protect air conditioning circuit and components from moisture when carrying out repair work		AH83.30-N-0005-01A
	Notes on handling R134a refrigerant	Air conditioning with refrigerant R134a	AH83.30-N-0003-01A
1	Turn plug of expansion reservoir to notch "1", release pressure in cooling system and turn plug back again		
2	Connect air conditioning evacuation, recycling and charging unit and evacuate air conditioning system	Note down suctioned off compressor oil quantity. Fully automatic air conditioner service station gotis://E_83_05.0	
3	Remove wiper system		AR82.30-P-6400R
4	Pinch off coolant hoses (1)		*000589403700
5	Cover working area with rags, detach coolant hoses (1) from connection fittings of heat exchanger and place to one side		*000589403700
6	Remove suction line (2) and pressure line (3) from expansion valve (4)	Seal openings at suction line (2), pressure line (3) and expansion valve (4). 	*129589009100

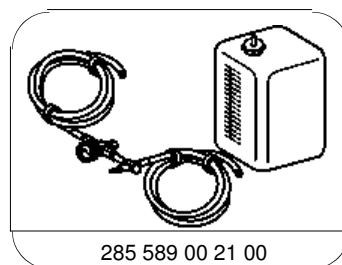
7	Remove screws (5) and remove expansion valve (4)	<p>i Seal openings of connection lines and of expansion valve (4).</p> 	*129589009100
	Install		
8	Remove stop plug, position expansion valve (4) and screw in screws (5)	<p>i Screw in screws (5) alternately to avoid tilting the expansion valve (4) on the connection lines.</p> <p>i Replace sealing rings and coat with compressor oil. Coat thread of screws (5) with compressor oil.</p> 	*129589009100
9	Remove stop plugs and mount pressure line (3) as well as intake line (2) to expansion valve (4)	<p>i Replace sealing rings and coat with compressor oil.</p> <p>Nm</p> 	*BA83.30-P-1001-01A *129589009100
10	Attach coolant hoses (1)	<p>i Check coolant hoses (1) and their clamps for damage, replace if necessary.</p> 	*000589403700
11	Install wiper system		AR82.30-P-6400R
12	Replace fluid reservoir	<p>i Once the refrigerant circuit has been opened, the fluid reservoir must be replaced.</p> <p>Vehicles without code (P99) Special model "AMG Black Series"</p> <p>Vehicles with code (P99) Special model "AMG Black Series"</p>	AR83.30-P-6520R AR83.30-P-6520RBS
13	Pour in coolant and bleed cooling system	<p>i Reuse clean coolant.</p>  	AR20.00-P-1142-04A *210589009100 *285589002100
 BB  BB 	<p>Coolant specifications</p> <p>Anticorrosion/antifreeze agents (Sheet 325.0)</p> <p>Notes on coolant level</p>	<p>Sheet 310.1</p> <p>Sheet 325.0</p>	<p>BB00.40-P-0310-01A</p> <p>BB00.40-P-0325-00A</p> <p>AH20.00-P-1142-01V</p>
14	Inspecting cooling system for leaks	<p>Engine 112, 275</p> <p>Engine 113</p> <p>Engine 156</p> <p>Engine 272, 273</p>	<p>AR20.00-P-1010HA</p> <p>AR20.00-P-1010RVK</p> <p>AR20.00-P-1010RMG</p> <p>AR20.00-P-1010RX</p>

Nm Air conditioning

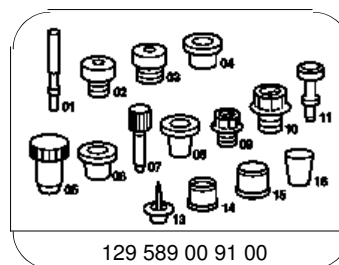
Number	Designation	Model 230
BA83.30-P-1001-01A	Nut on expansion valve	Nm 8



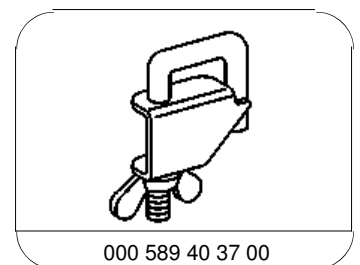
Test cap



Vacuum-type cooling system filler



Set of stop plugs



Clamping device