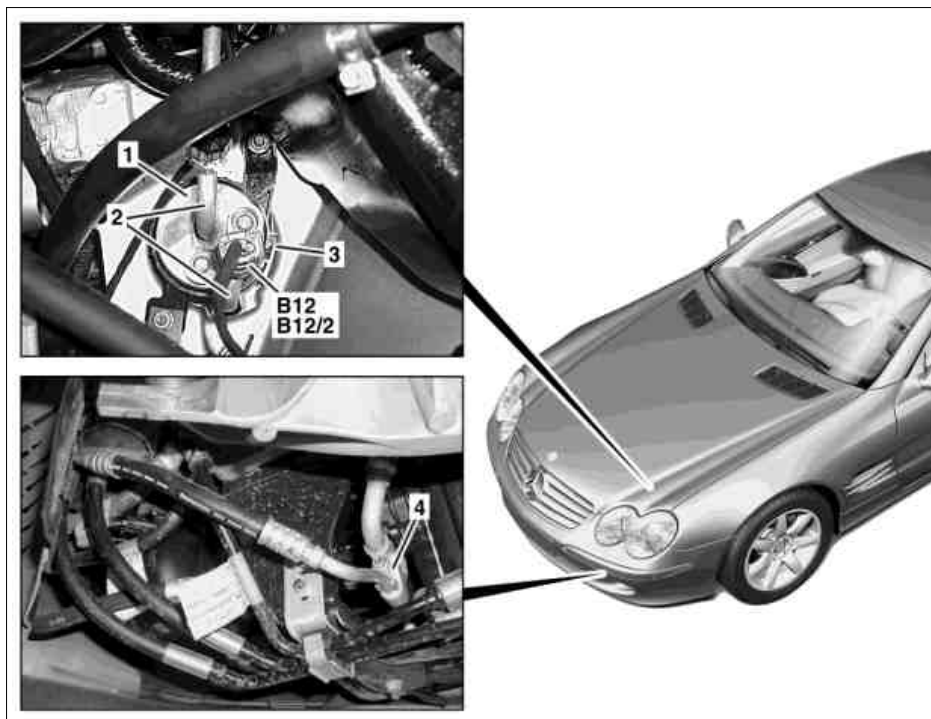


MODEL 230.4 except CODE (P99) "AMG Black Series" special model

- 1 Fluid reservoir
 2 Refrigerant lines
 3 Lug
 4 Pipe connection


















B12 Refrigerant pressure sensor (as of vehicle end no. 099797)

B12/2 Refrigerant pressure and temperature sensor (up to vehicle end no. 099796)



P83.30-4373-06

☒ ☒	Remove/install		
⚠ 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
ⓘ	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	Switch off the ignition and remove the transmitter key from the EIS control unit	<p>ⓘ On vehicles with code (889) Keyless-Go, press KEYLESS-GO start/stop button repeatedly until ignition is switched off. Remove Keyless-Go chip card or transmitter key from vehicle and store beyond the reach of the transmitter (at least 2 m).</p>	
2	Connect air conditioning evacuation, recycling and charging unit and evacuate air conditioning system	<p>ⓘ Note down suctioned off compressor oil quantity.</p> <p>ⓘ Installation: If the wrong quantity of compressor oil is refilled, then the refrigerant compressor may be damaged.</p> <p>ⓘ Installation: Evacuate, refill and check air conditioner for leaks and proper operation. Replace the quantity of compressor oil noted when evacuating the air conditioning system with new compressor oil and route back to refrigerant circuit.</p> <p>When replacing components of the air conditioning system, the additional quantity of compressor oil must be noted.</p> <p>☑ Capacity air conditioning system/automatic climate control</p> <p>☑ Refrigerant compressor filling quantity</p>	<p>*BF83.00-P-1001-01A</p> <p>*BF83.55-P-1001-01A</p>

		 Additional oil filling quantity when system suddenly drains (e.g. line ruptured)  Additional oil filling capacity when replacing condenser  Additional oil filling capacity when replacing evaporator  Additional oil filling capacity when replacing receiver/drier  Additional oil filling capacity when replacing suction line  Additional quantity of oil when replacing pressure line  Additional oil filling quantity when replacing refrigerant compressor  Additional quantity of oil when leakage is present Fully automatic air conditioner service station gotis://E_83_05.0 UV leak detector kit for air conditioning systems gotis://E_83_04.0	*BF83.55-P-1002-01A *BF83.55-P-1003-01A *BF83.55-P-1004-01A *BF83.55-P-1005-01A *BF83.55-P-1006-01A *BF83.55-P-1007-01A *BF83.55-P-1008-01A *BF83.55-P-1009-01A
3	Disconnect electrical connector from refrigerant pressure sensor (B12) or from refrigerant pressure and temperature sensor (B12/2)		
4	Remove refrigerant lines (2) from fluid reservoir (1)	 Seal openings of refrigerant lines (2).  Installation: Renew sealing rings of refrigerant lines (2) and wet with compressor oil.   	*BA83.30-P-1016-01A *BA83.30-P-1017-01A *129589009100
5	Unclip lug (3)		
6	Remove left front engine compartment paneling and center front engine compartment paneling		AR61.20-P-1105R
7	Remove refrigerant lines from line connector (4) of condenser	 Seal openings of refrigerant lines and of line connector (4).  Installation: Replace sealing rings of refrigerant lines and coat with compressor oil.  	*BA83.30-P-1011-01A *129589009100
8	Remove fluid reservoir (1) downward		
9	Install in the reverse order		

 **Air conditioning**

Number	Designation		Model 230
BA83.30-P-1011-01A	Pressure and hot gas line to capacitor	Nm	8
BA83.30-P-1016-01A	Pressure line to fluid reservoir (to expansion valve)	Nm	8
BA83.30-P-1017-01A	Pressure line to fluid reservoir (from condenser).	Nm	8

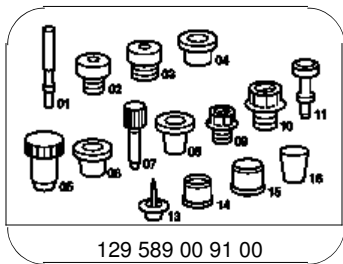
 **Air conditioning system/automatic air conditioning**

Number	Designation	Model 230
BF83.00-P-1001-01A	Capacity air conditioning system/ automatic air conditioning	Refrigerant R12 g -
		Refrigerant R134 a g 920
	Specifications for Operating Fluids Sheet	BB00.40-P-0361-00 A

 **Refrigerant compressor**

Number	Designation	Refrigerant compressor 7SEU16C in model 230	Refrigerant compressor 7SEU17C in model 230
BF83.55-P-1001-01A	Refrigerant compressor filling quantity	Compressor oil cm ³ 120	140
		Specifications for Operating Fluids Sheet	BB00.40-P-0362-00 A BB00.40-P-0362-00 A
BF83.55-P-1002-01A	Additional quantity of oil to be added when system suddenly looses fluid (e.g. line ruptured)	Compressor oil cm ³ 50	50
		Specifications for Operating Fluids Sheet	BB00.40-P-0362-00 A BB00.40-P-0362-00 A
BF83.55-P-1003-01A	Additional oil filling capacity when replacing condenser	Compressor oil cm ³ 30	30
		Specifications for Operating Fluids Sheet	BB00.40-P-0362-00 A BB00.40-P-0362-00 A
BF83.55-P-1004-01A	Additional oil filling capacity when replacing evaporator	Compressor oil cm ³ 40	40
		Specifications for Operating Fluids Sheet	BB00.40-P-0362-00 A BB00.40-P-0362-00 A
BF83.55-P-1005-01A	Additional oil filling capacity when replacing receiver/drier	Compressor oil cm ³ 10	10
		Specifications for Operating Fluids Sheet	BB00.40-P-0362-00 A BB00.40-P-0362-00 A
BF83.55-P-1006-01A	Additional oil filling capacity when replacing suction line	Compressor oil cm ³ 20	20

		Specifications for Operating Fluids	Sheet	BB00.40-P-0362-00 A	BB00.40-P-0362-00 A
BF83.55-P-1007-01A	Additional oil filling capacity when replacing pressure line	Compressor oil	cm ³	20	20
		Specifications for Operating Fluids	Sheet	BB00.40-P-0362-00 A	BB00.40-P-0362-00 A
BF83.55-P-1008-01A	Additional oil filling capacity when replacing refrigerant compressor	Compressor oil	cm ³	20	20
		Specifications for Operating Fluids	Sheet	BB00.40-P-0362-00 A	BB00.40-P-0362-00 A
BF83.55-P-1009-01A	Additional oil filling capacity in case of detectable leakage	Compressor oil	cm ³	20	20
		Specifications for Operating Fluids	Sheet	BB00.40-P-0362-00 A	BB00.40-P-0362-00 A



129 589 00 91 00

Set of stop plugs