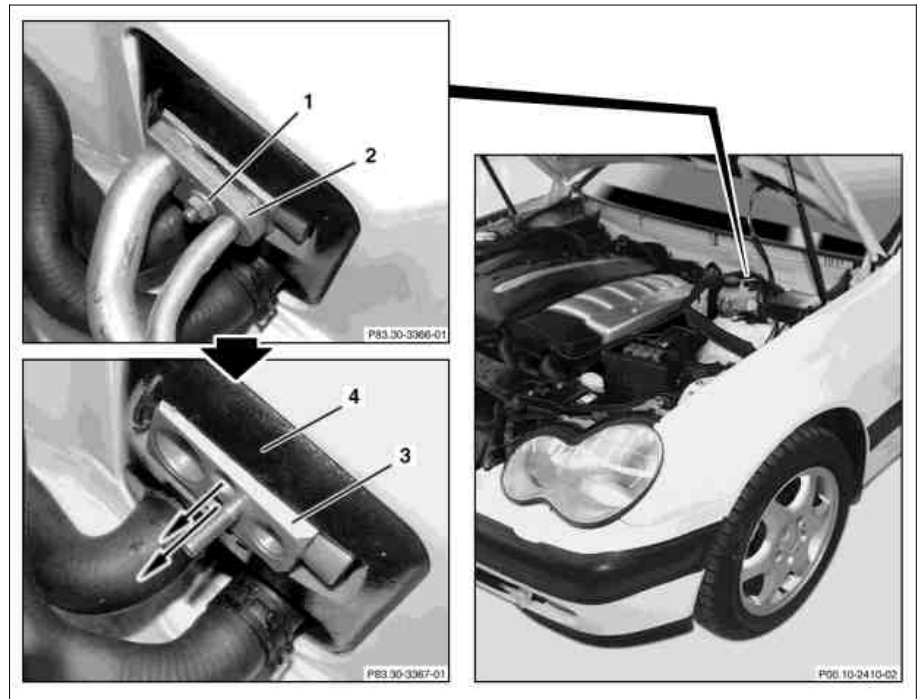


MODELS 203 with CODE (580a) Automatic air conditioning

MODELS 203 with CODE (581b) Convenience automatic air conditioning

- 1 Nut on expansion valve
- 2 Retaining plate
- 3 Expansion valve
- 4 Gasket



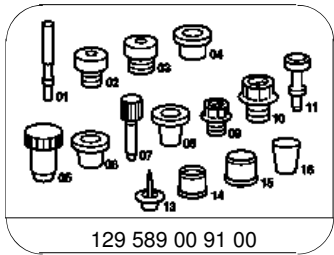
P83.30-3368-06

	Remove/Install		
Danger!	Risk of explosion from welding or soldering work on closed air conditioning system. Risk of poisoning. Inhaling overheated refrigerant vapors may be toxic. Risk of injury. Contact with liquid refrigerant may result in injury to the skin and eyes.	Never perform welding work on or near a closed air conditioning system. No smoking or open flames. Wear eye protection 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
	Conduct if air conditioning system is damaged or leaking	All models	AH83.30-N-0004-01A
	Protect air conditioning circuit and components from moisture when carrying out repair work	Model 199 Model 203 with CODE (580a) automatic air conditioning Model 203 with CODE (581b) comfort automatic air conditioning Model 209	AH83.30-P-0005-01P
	Notes on handling refrigerant R134a	All models with R134a refrigerant	AH83.30-N-0003-01A
Danger!	Risk of injury in the form of trapping or crushing, or even severing of limbs, if caught in windshield wiper mechanism	Always remove ignition key when working on windshield wiper mechanism.	AS82.30-Z-0001-01A
1	Remove wiper system		AR82.30-P-6400P
2	Remove drier cartridge	Installation: Following each opening of the refrigerant circuit the drier cartridge has to be replaced, in order to ensure correct functionality of the air conditioning. up to 23.04.04 as of 24.04.04	AR83.30-P-6521P AR83.30-P-6521PA
3	Remove nut on expansion valve (1)	Nut for expansion valve	*BA83.30-P-1001-01D
4	Remove pressure lines together with retaining plate (2)	Seal openings to prevent contamination. Installation: Replace sealing ring and moisten with compressor oil to avoid leakages. Set of plugs	*129589009100
5	Unscrew screws (arrows)	Installation: To avoid tilting, tighten screws alternately. Screw for expansion valve	*BA83.30-P-1002-01D
6	Remove expansion valve (3)	Do not damage seal (4). Seal (4) can only be replaced after removing AC housing. Seal openings with suitable plugs in order to avoid penetration by foreign bodies.	

		i Installation: Replace sealing ring and moisten with compressor oil to avoid leakages. S Set of plugs	*129589009100
7	Install in the reverse order		
8	Check air conditioning system for proper function		

Nm Air conditioning system

Number	Designation		Models 203, 209
BA83.30-P-1001-01D	Nut on expansion valve	Nm	8
BA83.30-P-1002-01D	Bolt for expansion valve	Nm	10



Set of plugs