

MODELS 203 with ENGINES 271.940 /946 /948, 646.962 /963 as of 24.4.04

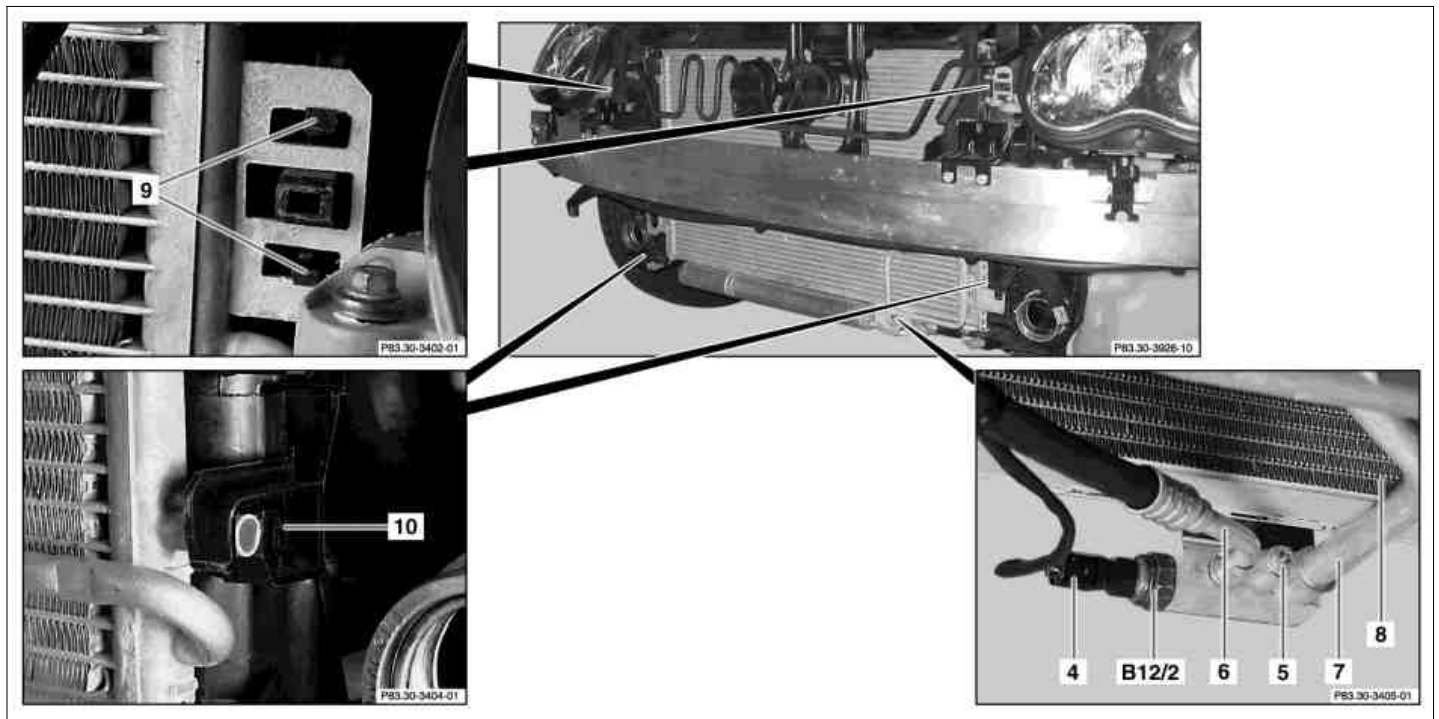
MODELS 209 with ENGINES 642.910, 272.960 /940 as of 17.5.05

Shown on model 203

3 Radiator fastenings



P83.30-3928-05



P83.30-3927-09

Shown on model 203

- 4 Electrical connector
- 5 Nut
- 6 Pressure line

- 7 Pressure line
- 8 Condenser
- 9 Clamps

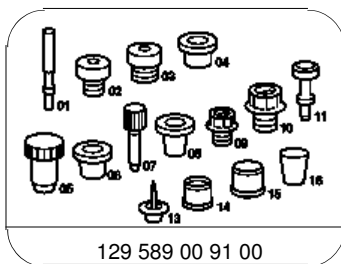
- 10 Bracket
- B12/2 Refrigerant pressure and temperature sensor

	Remove/install		
⚠ Danger!	Risk of explosion from welding or soldering work on closed air conditioning system. Risk of poisoning from 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

ⓘ	Behavior if air conditioning system is damaged or leaking		AH83.30-N-0004-01A
ⓘ	Protect air conditioning circuit and components from moisture when carrying out repair work		AH83.30-P-0005-01P
i	Notes on handling refrigerant R134a	Air conditioning with refrigerant R134a	AH83.30-N-0003-01A
1	Remove drier cartridge	i 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.	AR83.30-P-6521PA
2.1	Remove intercooler	Engine 646 in model 203 Engine 271.940 in model 203.042/242/742 Engine 271.946 in model 203.046/246/746 Engine 271.948 in model 203.040/740 Engine 642 in model 209	AR09.41-P-6817PM AR09.41-P-6817PK AR09.41-P-6817PI
3	Disconnect electrical connector (4) from the refrigerant pressure and temperature sensor (B12/2)		
4	Unscrew nut (5)	Nm Nut for refrigerant lines on condenser	*BA83.30-P-1005-01D
5	Pull pressure lines (6, 7) out of condenser (8)	ⓘ Seal off openings to prevent foreign bodies from entering. ⓘ Installation: Replace sealing rings, coat threads and sealing rings with compressor oil, otherwise the lines may leak. ☑ Set of plugs	*129589009100
6	Remove radiator fastenings (3) on radiator crossmember	i Carefully push radiator to rear.	
7	Remove condenser (8)	i Press clips (9) together, remove condenser (8) at top and unhook from brackets (10) at bottom.	
8	Remove condenser (8) downward	ⓘ Do not damage radiator and condenser (8) in order to guarantee the function of the condenser.	
9	Install in the reverse order		

Nm Air conditioning system

Number	Designation	Model
		203, 209
BA83.30-P-1005-01D	Nut, refrigerant lines to capacitor	Nm 8



Set of plugs