

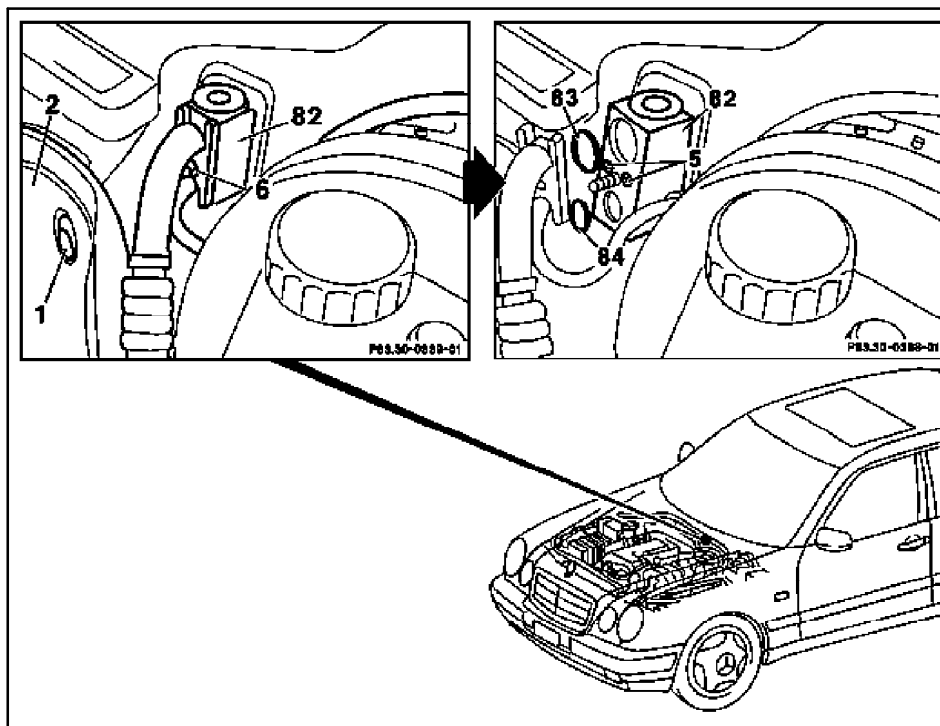
**MODEL 208, 210**

with CODE (580) Air conditioning or, for USA,Tempmatic

with CODE (581a) Automatic air conditioning

**Illustrated on model 210**

- 1 Rubber grommet
- 2 Component compartment wall
- 5 Screw
- 6 Hex. nut
- 82 Expansion valve
- 83 O-ring, intake line
- 84 O-ring, pressure line







P83.30-0341-06

**Revisions**

12.8.97	Safety note added		
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	Removal, installation		
<b>Danger!</b>	<b>Explosion hazard</b> when performing welding or brazing work on closed air conditioning. <b>Poisoning hazard</b> from inhaling overheated refrigerant vapors. <b>Injury hazard</b> from eye or skin contact with liquid refrigerant	Never perform welding or brazing work on the closed air conditioning system or in its vicinity. Smoking and open flame is prohibited. Wear protective goggles and protective gloves, work only in well ventilated rooms. Perform repair work on air conditioning circuit only if system is discharged.	AS83.00-Z-0001-01A
	Action to be taken in the event air conditioning is damaged or leaks		AH83.30-N-0004-01A
	Protect air conditioning circuit and components from moisture during repair work	All models with air conditioning	AH83.30-N-0005-01A
	Notes on handling R134a refrigerant	All models with R134a refrigerant	AH83.30-N-0003-01A
1	Drain air conditioning (recycle), evacuate, charge, check for leakage	Add quantity of compressor oil evacuated to refrigeration circuit when charging air conditioning	
2	Remove left air inlet	Model 210	AR83.25-P-1403F
3	Remove right air inlet	Model 210	AR83.25-P-1404F
4	Remove wiper system	Model 210	AR82.30-P-6400F
5	Remove water collector	Model 210 Model 208	AR83.25-P-1402F AR83.25-P-1402K
6	Remove rubber grommet (1)	Model 210 only	
7	Unscrew hex. nut (6)		*BA83.30-P-1001-01A
8	Remove pipe lines from expansion valve	Plug openings (parts kit)	
9	Unscrew screws (5)		*BA83.30-P-1002-01A
10	Replace receiver/drier		AR83.30-P-6520E

11	Reinstall in opposite order	 Replace O-rings (83, 84) (moisten with compressor oil)	
12	Switch on air conditioning and allow it to idle for approx. 4 minutes	 Set temperature dials to blue or automatic air conditioning to "Lo" Blower to max.	
13	Check air conditioning for proper function	 Air outlet temperature at center nozzle should not drop below +5 °C , if necessary↓ Perform diagnosis according to Diagnosis Manual	
14	Find leaky point in air conditioning circuit		*WH58.30-Z-1001-27A

 **Air conditioning**

Number	Designation		Model 210	Model 208
BA83.30-P-1001-01A	Nut on expansion valve	Nm	10	10
BA83.30-P-1002-01A	Screw on expansion valve	Nm	8	8

**Commercially available tools** (see Workshop Equipment Manual)

Number	Designation	Company (e. g.)	Order number
WH58.30-Z-1001-27A	Air conditioning leak detector	Behr GmbH u. Co. KG 70469 Stuttgart	988 047 Model 5650