

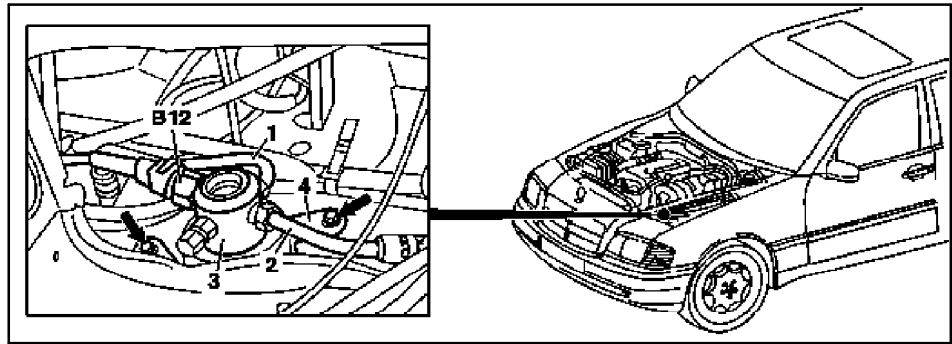
MODEL 202, 208, 210

with CODE (580) Air conditioning or, for USA, Tempmatic
with CODE (581a) Automatic air conditioning

Models 202, 208

Illustrated on model 202 with Tempmatic air conditioning

- 1 Pressure line
- 2 Pressure line
- 3 Receiver/drier
- 4 Clamping strap with retaining lugs
- B12 Refrigerant pressure sensor

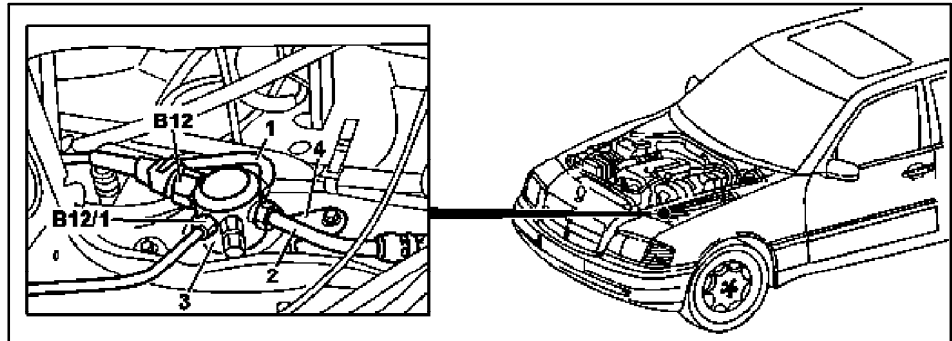


P83.30-0235-04

Models 202, 208

Illustrated on model 202 with automatic air conditioning

- 1 Pressure line
- 2 Pressure line
- 3 Receiver/drier
- 4 Clamping strap with retaining lugs
- B12 Refrigerant pressure sensor
- B12/1 Refrigerant temperature sensor



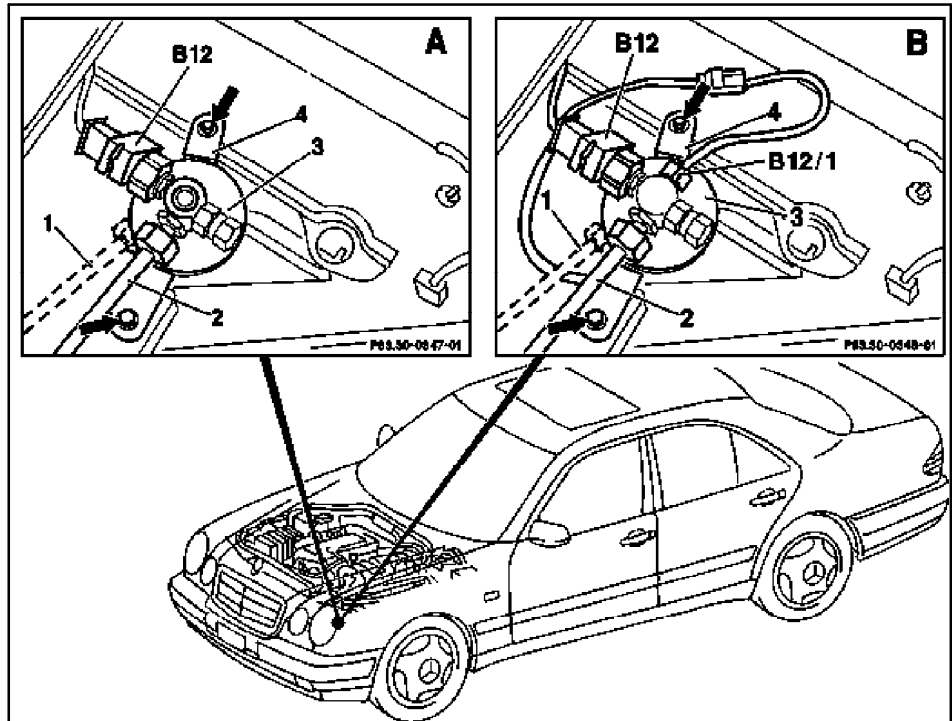
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Model 210

Fig. A Illustrated with Tempmatic air conditioning (TAC)

Fig. B Illustrated with automatic air conditioning (AAC)

- 1 Pressure line
- 2 Pressure line
- 3 Receiver/drier
- 4 Clamping strap with retaining lugs
- B12 Refrigerant pressure sensor
- B12/1 Refrigerant temperature sensor



P83.30-0346-06

Revisions

12.8.97	Safety note added		
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		Removal, installation	
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Danger!	Explosion hazard when performing welding or brazing work on closed air conditioning. Poisoning hazard from inhaling overheated refrigerant vapors. Injury hazard 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
	In the event of malfunctions to the air conditioning, resulting from leakage, contamination or icing up always install new receiver/drier (3) when replacing or repairing A/C compressor.		
	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	Disconnect refrigerant pressure sensor connector (B12)		
3	Unscrew refrigerant pressure sensor (B12)	On model 202 as of September 1995, 208, 210 with automatic air conditioning, also unscrew refrigerant temperature sensor (B12/1) Installation: When installing moisten thread with compressor oil	
4	Disconnect lines (1 and 2) from receiver/drier	Nm Plug openings (parts kit) Installation: When installing lines, moisten threads with compressor oil	*BA83.30-P-1003-01A
5	Unscrew screws (arrows)		
6	Remove receiver/drier (3)	On vehicles with code 480 level control position oil supply reservoir to side	
7	Loosen clamping strap (4) with retaining lugs and pull off		
8	Reinstall in opposite order	Observe quantity of oil to be added when replacing receiver/drier	*BF83.55-P-1005-01A
9	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.	
10	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	
11	Find leaky point in air conditioning circuit		*WH58.30-Z-1001-27A

Air conditioning

Number	Designation	Model 202	Model 210	Model 208
BA83.30-P-1003-01A	Lines on receiver/drier	Nm 17	17	17

A/C compressor

Number	Designation	A/C compressor
		7SB16 on models 140, 170, 202, 208, 210

BF83.55-P-1005-01A	Additional oil filling capacity when replacing receiver/drier	Compressor oil	cm ³	10
		Specifications for service products	Sheet	&.2.(BB00.40-P- 0362-00A)

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