

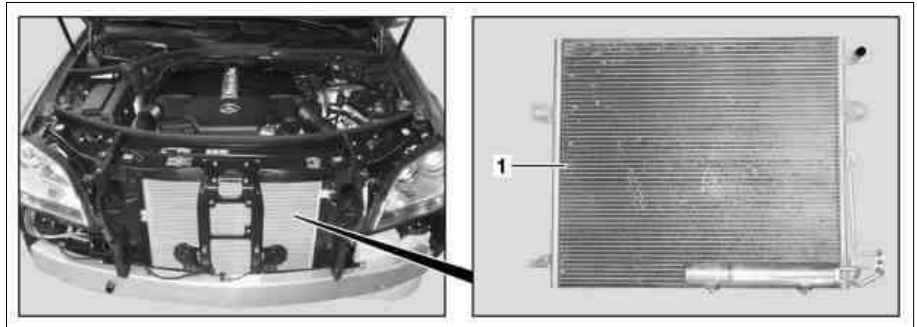
MODEL 164 (except 164.195)

with CODE (580) Automatic air conditioning

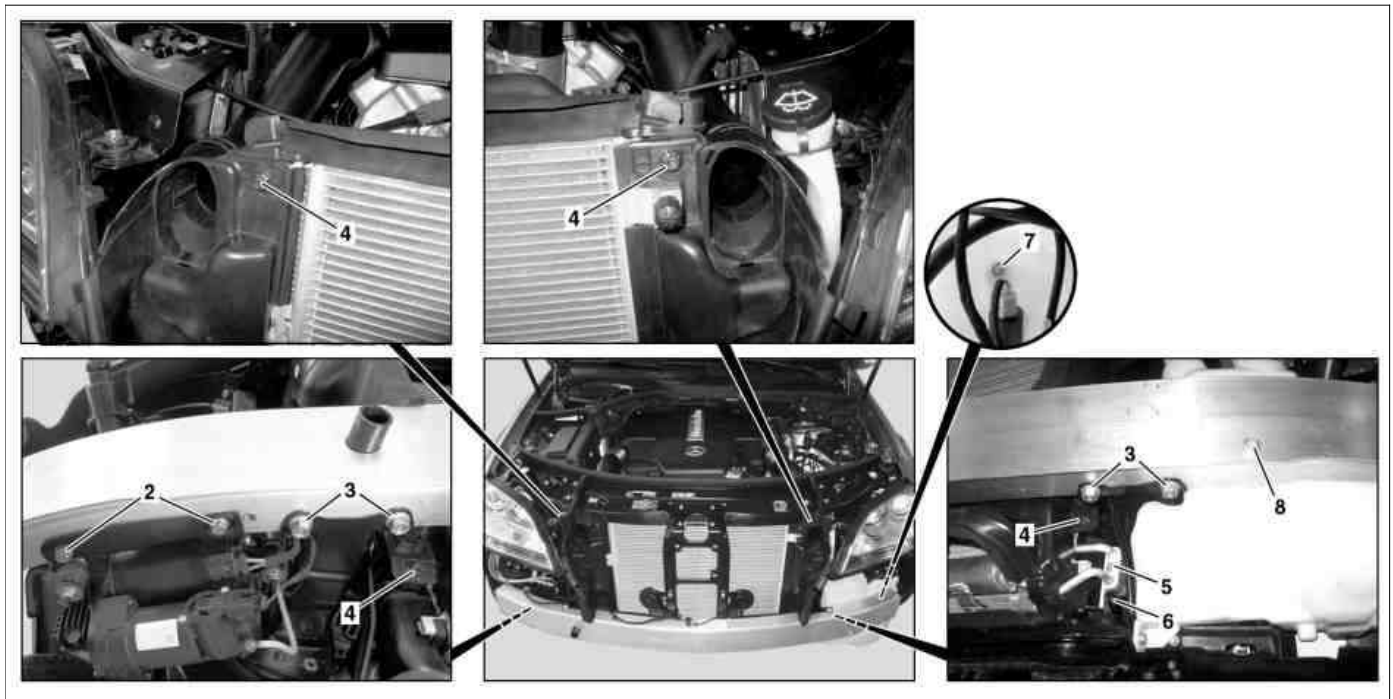
with CODE (581) Comfort automatic air conditioning

with CODE (582) Rear air conditioner

1 Condenser



P83.30-4158-04



P83.30-4159-09

Shown on vehicle with Airmatic (air suspension with level adjustment and adaptive damping system ADS), code 489

- 2 Bolts
- 3 Nuts
- 4 Bolts

- 5 Nut
- 6 Screw

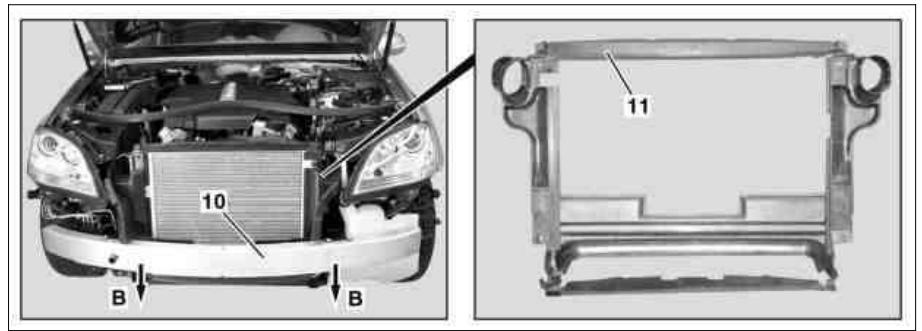
- 7 Screw
- 8 Screw



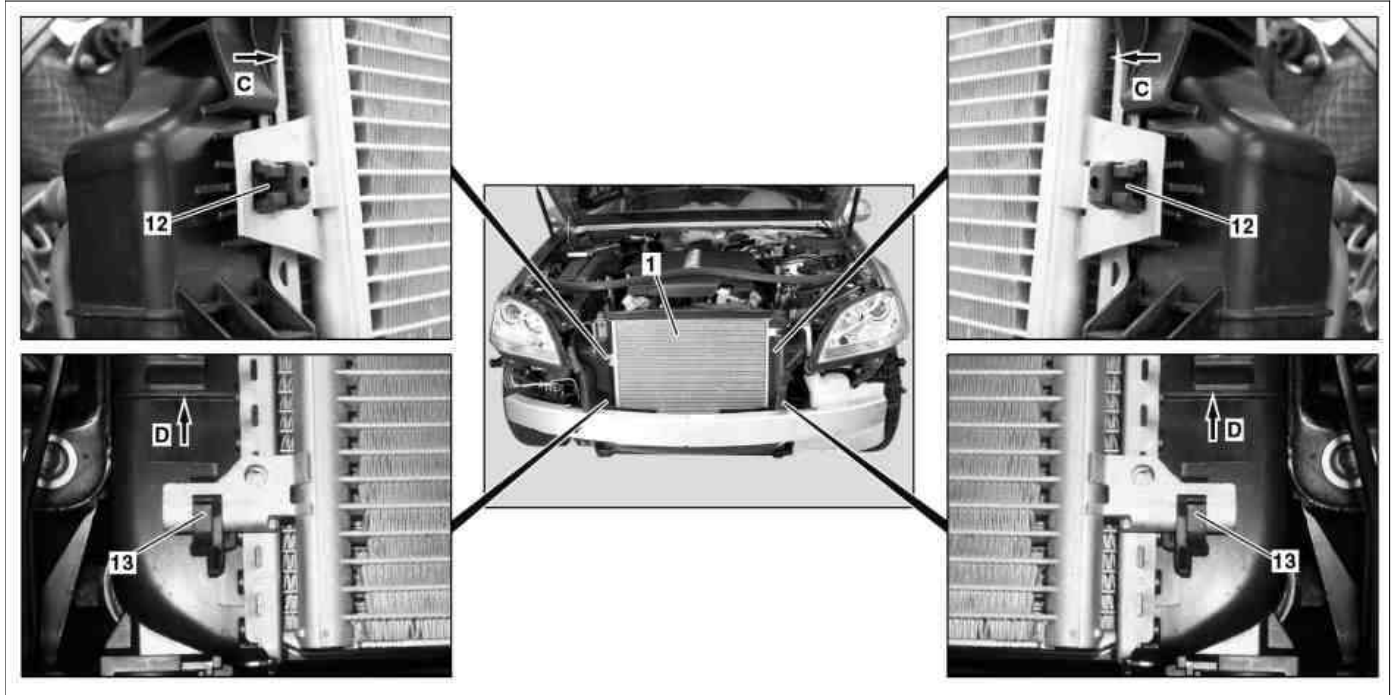
P83.30-4160-07

9 Intake air pipes

- 10 Bumper support
- 11 Intake-air duct



P83.30-4161-04



P83.30-4162-09

1 Condenser

12 Clips

13 Guides

	Remove/install		
Danger!	Risk of death caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between columns of vehicle lift and position four support plates at vehicle lift support points specified by vehicle manufacturer.	AS00.00-Z-0010-01A
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 drained.	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		AH83.30-N-0003-01A
1	Drain air conditioning system	Installation: Evacuate, refill and check air conditioner for leaks and proper operation.	AR83.30-P-1760GZ
2	Remove front bumper		AR88.20-P-2000GZ
3	Remove upper radiator crossmember		AR62.30-P-2300GZ
4	Remove charge air cooler	Only on vehicles with diesel engine. Engine 642. Engine 629.	AR09.41-P-6817GZB AR09.41-P-6817GZD
5	Remove cooler for power steering and tie to side	Only engine 156. do not open cooling circuit.	
6	Remove engine oil cooler and tie to side	Only engine 156. do not open cooling circuit.	AR18.30-P-1000GZS

7	Remove bolts (2)	i Only on vehicles with AIRmatic (air suspension with level adjustment and Adaptive Damping System ADS) code 489. Nm	*BA32.22-P-1006-03B
8	Unscrew nuts (3)	Nm	*BA62.30-P-1004-02D
9	Remove bolts (4)	i Installation: Use new bolts (4).	
10	Unscrew nut (5)	i Installation: Replace sealing rings of refrigerant line and moisten with refrigerant compressor oil. Nm	*BA83.55-P-1004-01R
11	Remove screw (6)		
12	Remove screw/bolt (7, 8)	Nm	*BA82.35-P-1001-01B
13	Detach intake-air pipe (9) from intake-air ducting (11) (arrows A)		
14	Pull bumper support (10) forwards (arrows B)	i Only pull far enough forward to enable the intake-air ducting (11) to be removed.	
15	Unclip clips (12)		
16	Remove condenser (1) forward (arrows C) and upwards (arrows D)	i Installation: Ensure that condenser (1) is seated properly in guides (13).	
17	Plug openings on refrigerant lines	! The refrigerant line openings must be sealed, as otherwise penetrating dirt and moisture can damage the components connected to the refrigerant circuit.	
18	Install in the reverse order		
19	Perform function test		

Nm Air suspension

Number	Designation	Model 164.1/8 with AIRmatic, code 489	
BA32.22-P-1006-03B	Screw/bolt / nut, compressor bracket to crossmember	Nm	20

Nm Front end assembly with front reinforcement

Number	Designation		Model 164.1	Model 164.8
BA62.30-P-1004-02D	Bolt, crossmember to crashbox	Nm	18	18

Nm Windshield washer system

Number	Designation	Model 164.1/8	
BA82.35-P-1001-01B	Bolt, washer fluid reservoir to front end assembly	Nm	10

Nm Refrigerant compressor

Number	Designation	Model 164.1/8	
BA83.55-P-1004-01R	Nut for refrigerant lines on drier	Nm	8