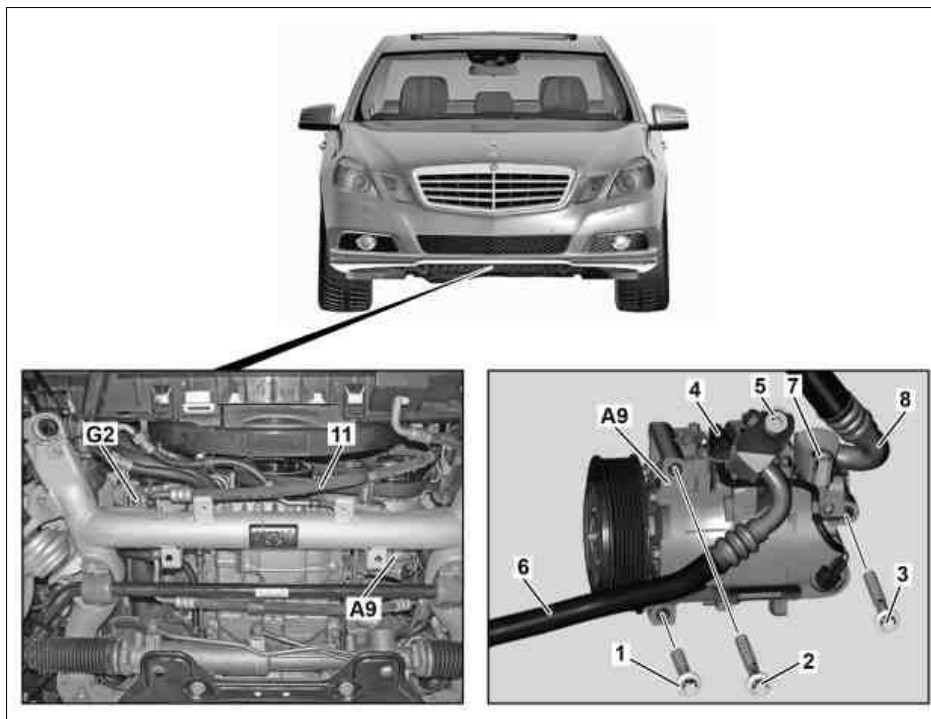


ENGINE 156, 272, 273 in MODEL 212

ENGINE 272, 273 in MODEL 207

Shown on model 212.072

- 1 Screw
- 2 Screw
- 3 Screw
- 4 Electrical connector
- 5 Screw
- 6 High pressure pipe
- 7 Screw
- 8 Low pressure pipe
- 11 Hydraulic line
- A9 Refrigerant compressor
- G2 Alternator



P83.55-2181-06

<b>Danger !</b>	<b>Risk of explosion</b> caused by welding or soldering work on closed air conditioning system. <b>Risk of poisoning</b> caused by inhaling overheated refrigerant vapors. <b>Risk of injury</b> to skin and eyes caused by contact with liquid refrigerant.	Do not 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
	Protect air conditioning circuit and components from moisture when carrying out repair work		AH83.30-P-0005-01A
	Procedure for a damaged or leaky air conditioning system		AH83.30-N-0004-01A
	Notes on handling refrigerant R134a		AH83.30-N-0003-01A
	<b>Remove/install</b>		
1	Drain air conditioning system		AR83.30-P-1760CW
2	Remove front end struts to integral carrier	ENGINE 272, 273 in MODEL 207.4 Mounting brace to front end/front axle carrier	*BA33.10-P-1004-01M
3	Slacken poly-V-belt and remove from belt pulley of the refrigerant compressor (A9)	ENGINE 156 in MODEL 212  ENGINE 272, 273 in MODEL 207 ENGINE 272, 273 in MODEL 212	AR13.20-P-0001CMG  AR13.20-P-0001CV AR13.20-P-0001EWS
4	Remove engine compartment paneling		AR61.20-P-1105EW
5	Remove bolt (1)	  ENGINE 156 in MODEL 212   ENGINE 272, 273 in MODEL 207, 212	*BA83.55-P-1001-01T  *BA83.55-P-1001-01M
6	Remove hydraulic line (11) from bracket at alternator (G2)	  ENGINE 272, 273 in MODEL 207	*BA46.30-P-1009-01R

			*BA46.30-P-1006-01T
		ENGINE 156, 272, 273 in MODEL 212	
7	Remove fan unit	ENGINE 156 in MODEL 212	AR20.40-P-5050EW
8	Remove screws/bolts (2, 3) from refrigerant compressor (A9) and secure refrigerant compressor (A9) to prevent it from falling down	 ENGINE 272, 273 in MODEL 207, 212  ENGINE 156 in MODEL 212	*BA83.55-P-1001-01M  *BA83.55-P-1001-01T
9	Disconnect electrical connector (4) at A/C compressor (A9)		
10	Disconnect low-pressure line (8) at separating point and seal with stop plugs	<b>Installation:</b> Replace sealing ring of low-pressure line (8). Moisten sealing ring with compressor oil. Record plug	*129589009100
11	Remove screw/bolt (7)	 ENGINE 272, 273 in MODEL 207, 212  ENGINE 156 in MODEL 212	*BA83.55-P-1003-01M  *BA83.55-P-1003-01T
12	Remove low-pressure line (8) from refrigerant compressor (A9) and seal openings with stop plugs	<b>Installation:</b> Replace sealing ring of low-pressure line (8). Moisten sealing ring with compressor oil. Record plug Detaching tool	*129589009100 *211589006300
13	Remove screw/bolt (5)	 ENGINE 272, 273 in MODEL 207, 212  ENGINE 156 in MODEL 212	*BA83.55-P-1003-01M  *BA83.55-P-1003-01T
14	Remove high pressure line (6) from refrigerant compressor (A9), move it upwards into the engine compartment and seal openings with stop plugs	<b>Installation:</b> Replace sealing ring of high-pressure line (6). Moisten sealing ring with compressor oil. Record plug Detaching tool	*129589009100 *211589006300
15	Cover front axle carrier with rags		
16	Remove refrigerant compressor (A9) toward bottom out of engine compartment		
17	Install in the reverse order		
18	Connect diagnostic system and perform break-in of refrigerant compressor (A9)	When installing new refrigerant compressor (A9).  Menu option: Control unit adaptations.	AD00.00-P-2000-04A

Front axle carrier

Number	Designation			MODEL 207
BA33.10-P-1004-01M	Mounting brace to front end/front axle carrier	M8	Nm	23
		M10	Nm	50

Power steering pump

Number	Designation			MODEL 212
BA46.30-P-1006-01T	Nut, high-pressure line to alternator bracket		Nm	8

Power steering pump

Number	Designation		MODEL 207
BA46.30-P-1009-01R	Nut, high-pressure line to alternator bracket	Nm	8

**Nm** Refrigerant compressor

Number	Designation		ENGINE 272	ENGINE 273
BA83.55-P-1001-01M	Bolt, refrigerant compressor to timing case/crankcase/engine support	Nm	20	20

**Nm** Refrigerant compressor

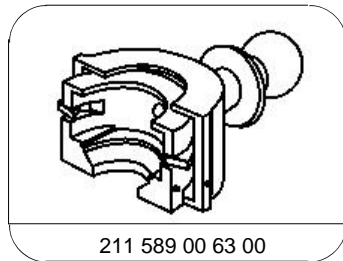
Number	Designation		ENGINE 156 in MODEL 204, 209, 211, 212, 216, 219, 221, 230
BA83.55-P-1001-01T	Bolt, refrigerant compressor to timing case/crankcase/and/or engine support	Nm	20

**Nm** Refrigerant compressor

Number	Designation		ENGINE 272	ENGINE 273
BA83.55-P-1003-01M	Bolt, refrigerant line to refrigerant compressor	Nm	20	20

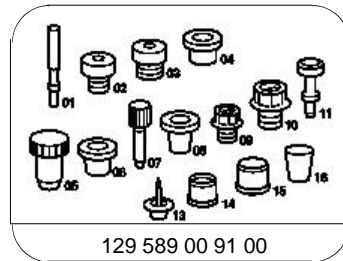
**Nm** Refrigerant compressor

Number	Designation		ENGINE 156 in MODEL 204, 209, 211, 212, 216, 219, 221, 230
BA83.55-P-1003-01T	Bolt, refrigerant lines to refrigerant compressor	Nm	20



211 589 00 63 00

Detaching tool



129 589 00 91 00

Record plug