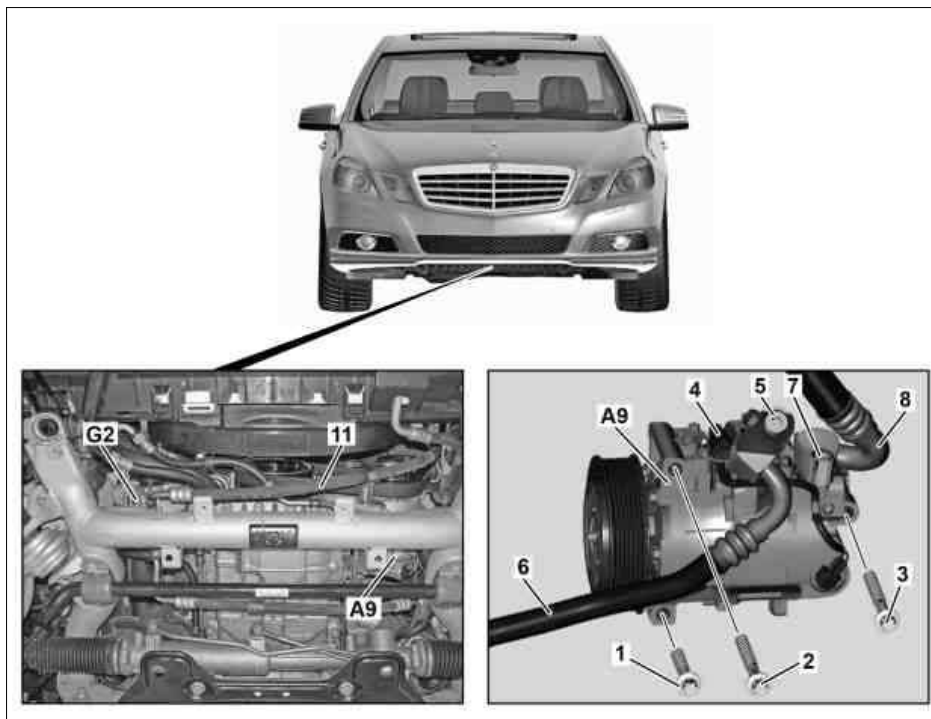


Engine 156, 272, 273 in model 212

Engine 272, 273 in model 207

Show 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

	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
	Protect air conditioning circuit and components from moisture when carrying out repair work		AH83.30-N-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
	Remove/install		
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 screw (1)	Engine 156 in model 212 Bolt, refrigerant compressor to timing case/crankcase/and/or engine support Engine 272, 273 in model 207, 212 Screw/bolt, refrigerant compressor to timing case/crankcase/engine support	*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 Nut, high-pressure line to alternator bracket Engine 156, 272, 273 in model 212 Nut, high-pressure line to alternator bracket	*BA46.30-P-1009-01R *BA46.30-P-1006-01T
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	<p>Nm Engine 272, 273 in model 207, 212Screw/bolt, refrigerant compressor to timing case/crankcase/engine support</p> <p>Nm Engine 156 in model 212Bolt, refrigerant compressor to timing case/crankcase/and/or engine support</p>	<p>*BA83.55-P-1001-01M</p> <p>*BA83.55-P-1001-01T</p>
9	Disconnect electrical connector (4) at A/C compressor (A9)		
10	Disconnect low-pressure line (8) at separating point and seal with stop plugs	<p>i Installation: Replace the sealing ring of the low-pressure line (8). Moisten sealing ring with compressor oil.</p> <p>☑ Record plug</p>	*129589009100
11	Unscrew bolt (7)	<p>Nm Engine 272, 273 in model 207, 212Bolt, refrigerant line to refrigerant compressor</p> <p>Nm Engine 156 in model 212Bolt, refrigerant lines to refrigerant compressor</p>	<p>*BA83.55-P-1003-01M</p> <p>*BA83.55-P-1003-01T</p>
12	Remove low-pressure line (8) from refrigerant compressor (A9) and seal openings with stop plugs	<p>i Installation: Replace the sealing ring of the low-pressure line (8). Moisten sealing ring with compressor oil.</p> <p>☑ Record plug</p> <p>☑ Detaching tool</p>	<p>*129589009100</p> <p>*211589006300</p>
13	Remove bolt (5)	<p>Nm Engine 272, 273 in model 207, 212Bolt, refrigerant line to refrigerant compressor</p> <p>Nm Engine 156 in model 212Bolt, refrigerant lines to refrigerant compressor</p>	<p>*BA83.55-P-1003-01M</p> <p>*BA83.55-P-1003-01T</p>
14	Remove high pressure line (6) from refrigerant compressor (A9), move it upwards into the engine compartment and seal openings with stop plugs	<p>i Installation: Replace sealing ring of high-pressure line (6). Moisten sealing ring with compressor oil.</p> <p>☑ Record plug</p> <p>☑ Detaching tool</p>	<p>*129589009100</p> <p>*211589006300</p>
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)	<p>When installing new refrigerant compressor (A9).</p> <p>i Menu option: Control unit adaptations.</p>	AD00.00-P-2000-04A

Nm 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

Nm Power steering pump

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

Nm 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	Screw/bolt, refrigerant compressor to timing case/crankcase/engine support	Nm	20	20

Nm Refrigerant compressor

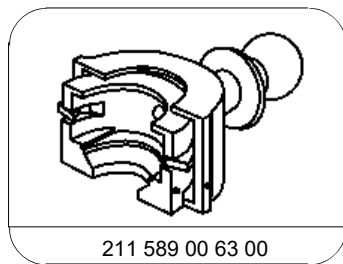
Number	Designation		Engine 156 in model 204, 209, 211, 212, 216, 219, 221, 230
BA83.55-P-1001-01T	Bolt, refrigerant compressor to timing case/crankcase/and/or engine support	Nm	20

Nm Refrigerant compressor

Number	Designation		Engine 272	Engine 273
BA83.55-P-1003-01M	Bolt, refrigerant line to refrigerant compressor	M8 Nm	20	20

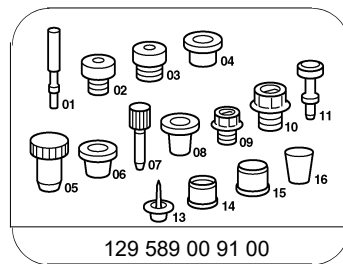
Nm Refrigerant compressor

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