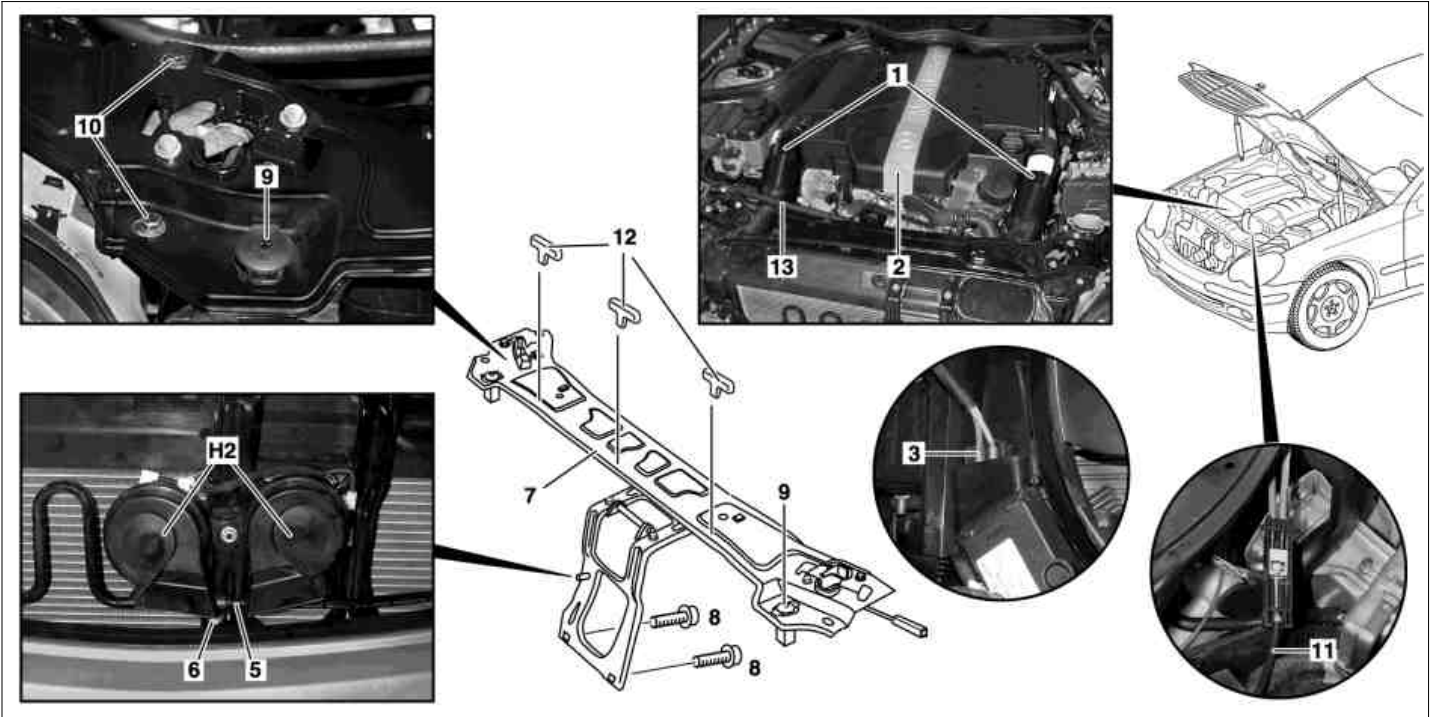
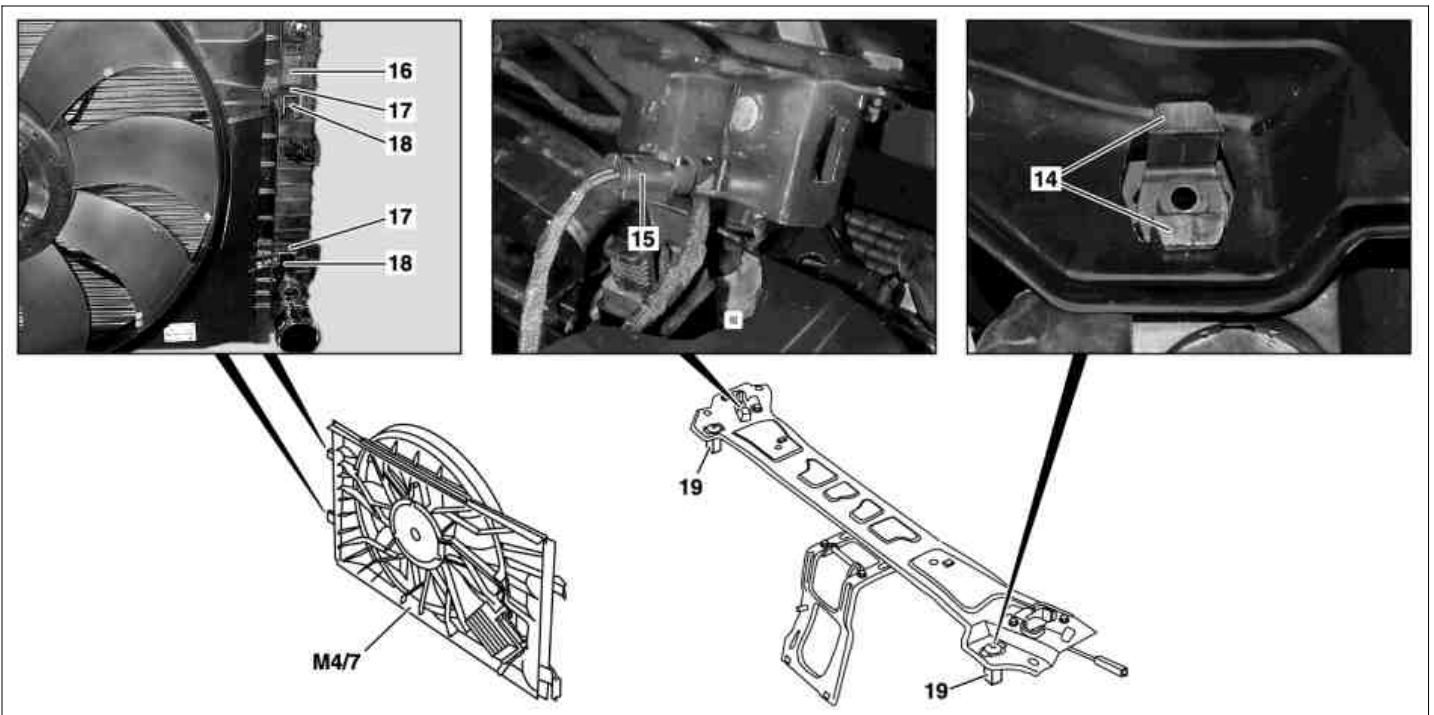


ENGINES 112.912 in MODEL 203.061 /261, 209.361 /461 with TRANSMISSION 716.6, 722.6  
 ENGINES 112.946 in MODEL 203.064 /264 /764 with TRANSMISSION 722.6  
 ENGINES 112.961 in MODEL 203.065 /265 with TRANSMISSION 722.6  
 ENGINES 113.968 in MODEL 209.375 /475 with TRANSMISSION 722.6  
 ENGINES 113.987 in MODEL 209.376 /476 with TRANSMISSION 722.636  
 ENGINES 112.955 in MODEL 209.365 /465 with TRANSMISSION 722.618  
 ENGINES 112.916 in MODEL 203.081 /281  
 ENGINES 112.953 in MODEL 203.084 /284



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- |   |                               |    |                       |    |                    |
|---|-------------------------------|----|-----------------------|----|--------------------|
| 1 | Engine suction fan ducts      | 6  | Bolt                  | 11 | Hood release cable |
| 2 | Air cleaner housing           | 7  | Front end crossmember | 12 | Retaining clips    |
| 3 | Plug connection               | 8  | Bolts                 | 13 | Coolant line       |
| 4 | Audible warning device        | 9  | Retaining pin         |    |                    |
| 5 | Power steering hydraulic line | 10 | Bolts                 |    |                    |



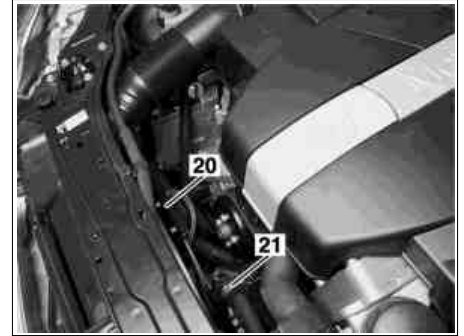
- 14 Retaining clip
- 15 Plug connection for right hood lock
- 16 Clamp

- 17 Shackles
- 18 Supports

- 19 Rubber mounts
- M4/7 Engine and AC electric suction fan with integrated control

**Model 203 with 4MATIC**









- 20 Bracket of oil line rack-and-pinion steering
- 21 Bracket of oil line level control





P20.40-2041-01

**Modification notes**

16.5.06	"Disconnect/connect battery ground line" removed		
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 	Remove/install		
1	Remove engine suction fan ducts (1) upstream of air filter housing (2)		
2	Unscrew bracket of oil line rack-and-pinion steering (20) at front end	Model 203 with 4MATIC	
3	Unscrew bracket of oil line level control (21) at timing case	Model 203 with 4MATIC and level control	
4	Disconnect connector (3) of the electric suction fan engine and AC with integrated control (M4/7)		
5	Remove horn (4)	 Unplug contact of audible warning device.	
6	Unscrew bolts of steering oil cooler to front end crossmember (7)	 Two bolts.	
7	Detach hydraulic line of power steering (5) at front end crossmember (7)		
8	Take off front end crossmember (7) at front crossmember.	 Unscrew bolts (8).	
9	Remove bolts (10) at front end crossmember (7) on right and left.		
10	Detach hood cable (11)		
11	Detach retaining clips (12) of air ducting		
 <b>Danger!</b>	<b>Risk of injury</b> to skin and eyes caused by scalding from contact with hot coolant spray. <b>Risk of poisoning</b> caused by swallowing coolant.	Do not open cooling system unless coolant temperature is below 90 °C. Open cap slowly and release the pressure. Do not pour coolant into beverage containers. Wear protective gloves, protective clothing and safety glasses.	AS20.00-Z-0001-01A
12 	Drain coolant Notes on coolant	Model 209 with engine 113 All engines	AR20.00-P-1142PV AH20.00-N-2080-01A
13	Push coolant line (13) out of fixture		
14	Remove cable ties at front end crossmember (7)		
15	Disconnect plug connection of hood lock on right (15)		
16	Detach connector from DISTRONIC radar sensor	with code (219) DISTRONIC	AR30.30-P-1010Q
17	Remove front end crossmember (7) together with hood cables	 If rubber mounts (19) are firmly attached in the radiator, do not pull front end crossmember (7) upwards with force, but unscrew retaining pin (9) on right and left. Press together retaining bracket (14) of radiator on right and left, then unhook front end crossmember (7) and remove.	
18	Detach top coolant line at radiator	Model 209 with engine 113	

		<p><b>i</b> Use a screwdriver to push back the clip until it latches.</p> <p><b>i</b> <b>Installation:</b> Replace O-ring of coolant line.</p>	
19	Press clamp (16) on right and left	<p><b>i</b> At the same time take out electric suction fan engine and AC with integrated control (M4/7) toward top.</p>	
20	Take out engine and air conditioning electric suction fan with integrated control (M4/7) toward top	<p><b>i</b> <b>Installation:</b> Ensure that plates (17) of electric suction fan engine and AC with integrated control (M4/7) are seated in supports (18) of radiator on right and left.</p>	
21	Install in the reverse order		
22	Carry out operational check of hood lock		
23	Inspect gaps on hood	<p><b>i</b> If required, adjust gap dimension. See: ↓</p> <p>Model 203.0</p> <p>Model 203.2</p> <p>Model 203.7</p> <p>Model 209.3</p> <p>Model 209.4</p> <p> Feeler gauge</p>	<p>AR60.00-P-0700-01P</p> <p>*BE60.00-P-1001-01E</p> <p>AR60.00-P-0700-01PA</p> <p>*BE60.00-P-1001-01E</p> <p>AR60.00-P-0700-01PB</p> <p>*BE60.00-P-1001-01E</p> <p>AR60.00-P-0700-01Q</p> <p>*BE60.00-P-1001-01G</p> <p>AR60.00-P-0700-01QA</p> <p>*BE60.00-P-1001-01G</p> <p>*129589032100</p>
24	Check / adjust sensor setting of Distronic (DTR)	With code (219) Distronic	AR30.30-P-1000R
25	Read out fault memory and erase	<p><b>i</b> After work is complete, faults stored in the fault memory must be processed and erased. The stored faults can be caused by removed cables during installation or test operations, as well as by simulation.</p>	AD00.00-P-2000-04A
	Connect STAR DIAGNOSIS and read out fault memory	STAR DIAGNOSIS diagnosis system	

#### Test values for gap dimensions on hoods, doors and lids

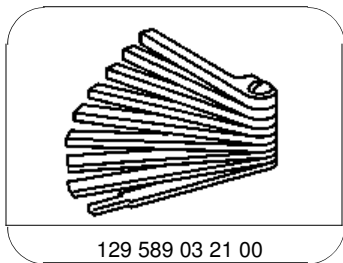
Number	Designation	Model		
		203.004/006/ 007/008/016/ 018/020/035/ 040/042/043/ 045/046/052/ 054/056/061/ 064/065/081/ 084/087/092	203.204/206/ 207/208/216/ 218/220/235/ 240/242/243/ 245/246/252/ 254/256/261/ 264/265/281/ 284/287/292	
BE60.00-P-1001-01E	Gap dimension Engine hood to fender	Dimension "A"	mm 3.5 (±1)	3.5 (±1)
	Engine hood to headlamp	Dimension "R"	mm 4 (-0.5/+1.5)	4 (-0.5/+1.5)
	Engine hood to bumper	Dimension "D"	mm -	-
	See picture		AR60.00-P-0700-01 P	AR60.00-P-0700-01 PA

#### Test values for gap dimensions on hoods, doors and lids

Number	Designation			Model	
				203.706/707/ 708/718/730/ 735/740/741/ 742/743/745/ 746/747/752/ 756/764	
BE60.00-P-1001-01E	Gap dimension	Engine hood to fender	Dimension "A"	mm	3.6 (±1)
		Engine hood to headlamp	Dimension "R"	mm	4 (±0.5)
		Engine hood to bumper	Dimension "D"	mm	5
		See picture			AR60.00-P-0700-01 PB

#### Test and adjustment values for gap dimensions

Number	Designation			Model	Model	
				209.3	209.4	
BE60.00-P-1001-01G	Gap dimension	Engine hood to fender	Dimension "A"	mm	3.5 (±0.5)	3 (±1)
		Engine hood to headlamp	Dimension "B"	mm	3.5 (±0.5)	4 (±0.5)
		Engine hood to bumper	Dimension "C"	mm	4 (±0.5)	5 (±0.5)
		See picture			AR60.00-P-0700-01 Q	AR60.00-P-0700-01 QA



Feeler gauge