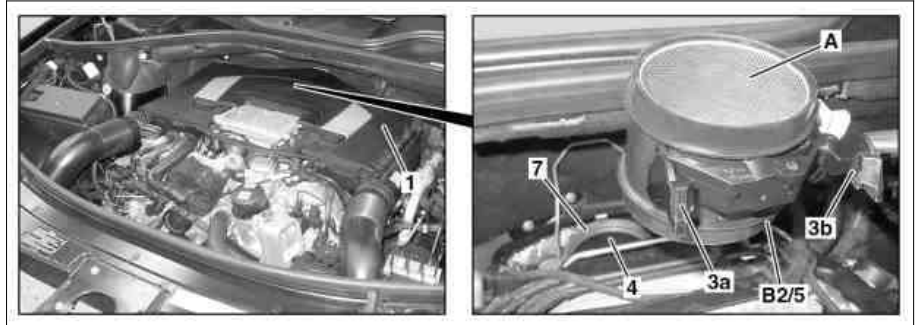


ENGINE 272, 273 in MODEL 164, 251

Shown on engine 272

- 1 Air cleaner housing
 3a Right notch
 3b Left notch
 4 Air duct housing
 7 Gasket

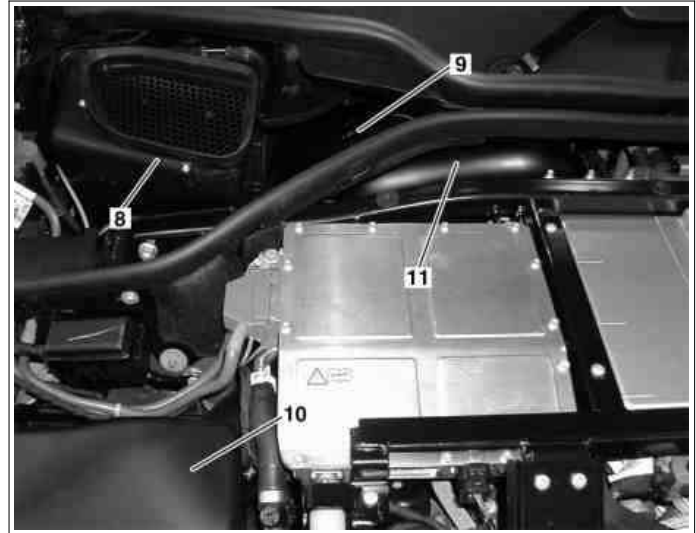
- A Grid
 B2/5 Hot film mass air flow sensor



P07.07-2054-04

Shown on ENGINE 272.973 in MODEL 164.195

- 8 Air filter box
 9 Partition wall section on the RH
 10 Air cleaner housing
 11 Air duct




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Modification notes

19.8.09	Remove air filter box, RH partition wall section, air filter housing, air duct	Steps 2.2 to 4	
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	Remove/install		
Danger!	Risk of injury caused by fingers being pinched or crushed when removing, installing or aligning hoods, doors, trunk lids, liftgates or sliding roof	Keep body parts and limbs well clear of moving parts.	AS00.00-Z-0011-01A
	Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
1	Switch off ignition and remove the transmitter key from the EIS [EZS] control unit	On vehicles with code (889) Keyless Go: Press keyless go start/stop button repeatedly until ignition is switched off. Remove transmitter key from vehicle and store it in a location beyond its transmission range (at least 2 m).	
2.1	Remove air filter housing (1).	Except engine 272.973 in model 164.195	AR09.10-P-1150GZA
2.2	Remove air filter box (8)	Engine 272.973 in model 164.195	
3	Remove RH partition wall section (9)	Engine 272.973 in model 164.195	
4	Remove air filter housing (10) and air duct (11)	Engine 272.973 in model 164.195 Handle air duct (11) carefully; risk of breakage of the hot film MAF sensor (B2/5).	
5	Separate electrical connector at hot film mass air flow sensor (B2/5)		
6	Disengage the right notch (3a) of the hot film mass air flow sensor (B2/5) on resonance intake manifold	Pull right notch (3a) to the outside until it can no longer latch again on resonance intake manifold. Never use force as the notches can break off! If the notches (3a, 3b) break off, the entire hot film MAF sensor (B2/5) must be replaced.	

7	Unlatch left notch (3b) on hot film MAF sensor (B2/5) on resonance intake manifold and remove hot film MAF sensor (B2/5) upwards	<p>i Do not damage the grid (A) in the process as it cannot be replaced separately!</p> <p>! Never use force as the notches can break off! If the notches (3a, 3b) break off, the entire hot film MAF sensor (B2/5) must be replaced.</p>	
	Checking		
8	Check gasket (7) between air duct housing (4) and hot film mass air flow sensor (B2/5)	i Check seal (7) for damage; replace if necessary.	
9	Check right notch (3a) and left notch (3b)	i If notches (3a, 3b) are damaged, then the entire hot film MAF sensor (B2/5) must be replaced with a new one.	
10	Install in the reverse order		
11	Read out fault memory and erase if necessary	<p>i Faults which may have been caused by disconnecting wires or by a simulation must be erased in the fault memory after completing the work.</p> <p>STAR DIAGNOSIS diagnosis system</p>	