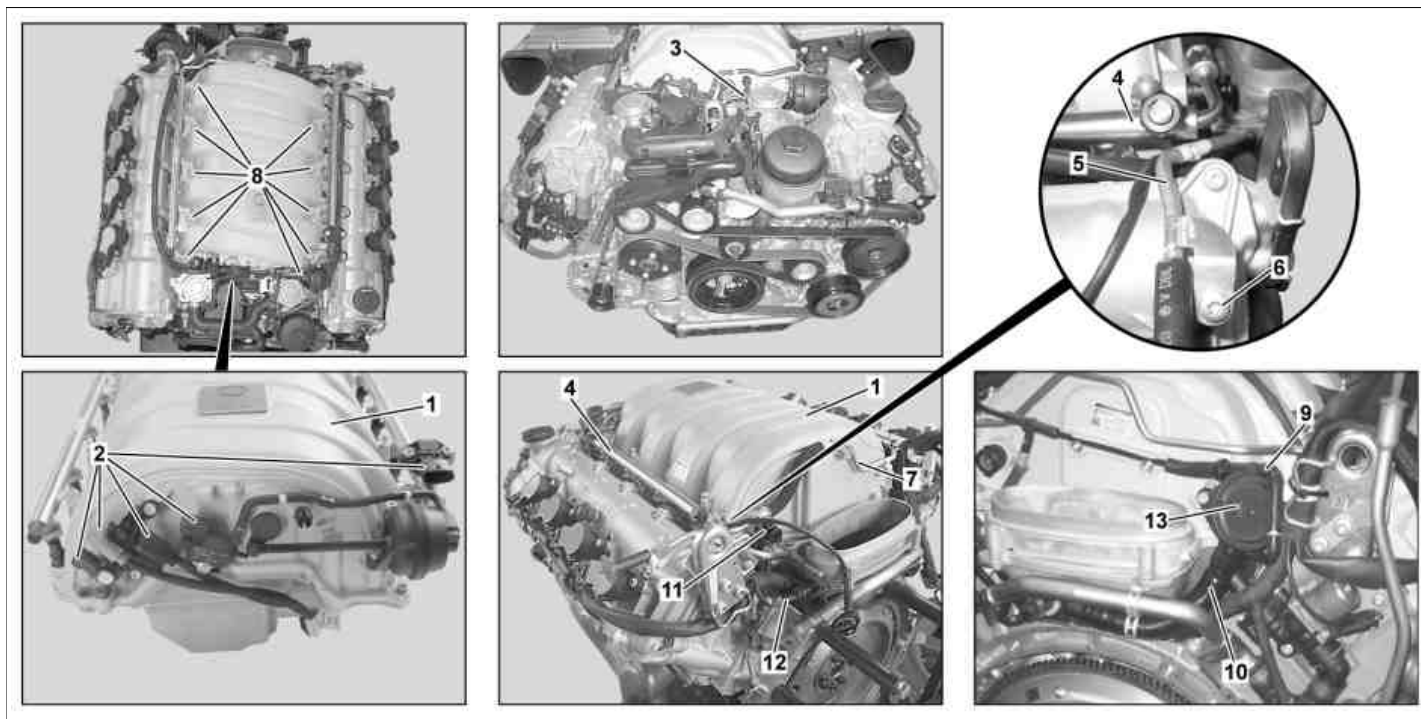


ENGINES 156 in MODEL 204, 212



P09.20-2194-09

- | | | | | | |
|---|---|---|------------|----|----------------------|
| 1 | Intake manifold (resonance intake manifold) | 5 | Purge line | 9 | Vacuum hose |
| 2 | Electrical connectors | 6 | Bolt | 10 | Vacuum line |
| 3 | Vacuum line | 7 | Fuel line | 11 | Connection |
| 4 | Fuel distributor | 8 | Bolts | 12 | Electrical connector |
| | | | | 13 | Vacuum unit |

Modification notes

4.8.11	Observe tightening pattern for fastening the intake manifold, added	Step 15	
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	Remove/install		
Danger!	Risk of explosion caused by fuel igniting, risk of poisoning caused by inhaling and swallowing fuel and risk of injury to eyes and skin caused by contact with fuel	No fire, sparks, open flames or smoking. Only pour fuels into suitable and appropriately marked containers. Wear protective clothing when handling fuel.	AS47.00-Z-0001-01A
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
	Notes on avoiding damage through contamination and foreign objects		AH00.00-P-5000-01A
1	Switch off ignition		
2	Remove engine intake air duct and front engine cover	Do not tilt front engine cover, but lift upwards vertically otherwise the retaining lugs can break off.	
3	Remove air filter housing		AR09.10-P-1150CMG
4	Release fuel pressure with pressure hose via service valve		AR07.03-P-1460-01TMG
5	Detach fuel line from fuel distributor (4)	Installation: Install new sealing rings.	*119589046300
6	Disconnect electrical connectors (2) at front intake manifold (1)		*BA07.03-P-1001-01C
7	Detach vacuum line (3)		

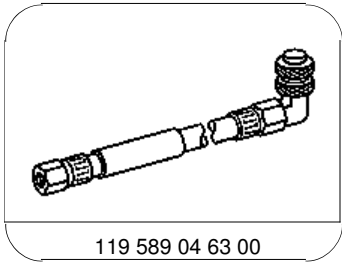
8	Detach vacuum line from brake booster at connection (11)		
9	Remove foam plastic cover from fuel distributor (4)		
10	Disconnect connectors at injection valves	Place wiring harness to side.	
11	Remove bolt (6) and purge line (5) from intake manifold (1)		*BA07.03-P-1002-01C
12	Detach vacuum hose (9) from intake manifold (1) or from vacuum unit (13)	Detach hose to vacuum reservoir.	
13	Remove vacuum line (10)		
14	Disconnect electrical connector (12)		
15	Remove bolts (8) from intake manifold (1) and take off intake manifold (1) in the upward direction	Close off intake ports in doing so Injection valves is not damaged. Installation: Clean sealing surfaces; replace gasket and bolts. Installation: Observe tightening pattern for fastening the intake manifold. 	AR09.20-P-1310-03AMG *BA09.20-P-1002-01R
16	Install in the reverse order		
Danger!	Risk of accident caused by vehicle starting off by itself when engine is running. Risk of injury caused by contusions and burns during starting procedure or when working near the engine as it is running	Secure vehicle to prevent it from moving by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A
17	Carry out engine test run and check intake manifold (1) for leaks		

Injectors, injection valves, lines

Number	Designation	Engine 156
BA07.03-P-1001-01C	Union nut, fuel line to fuel distributor	Nm 20
BA07.03-P-1002-01C	Bolt, fuel distributor to resonance intake manifold	Nm 9

Intake manifold

Number	Designation	Engine 156
BA09.20-P-1002-01R	Bolt, intake manifold to cylinder head	Stage 1 Nm 10
		Stage 2 4° 90
		Stage 3 4° 10



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Pressure hose