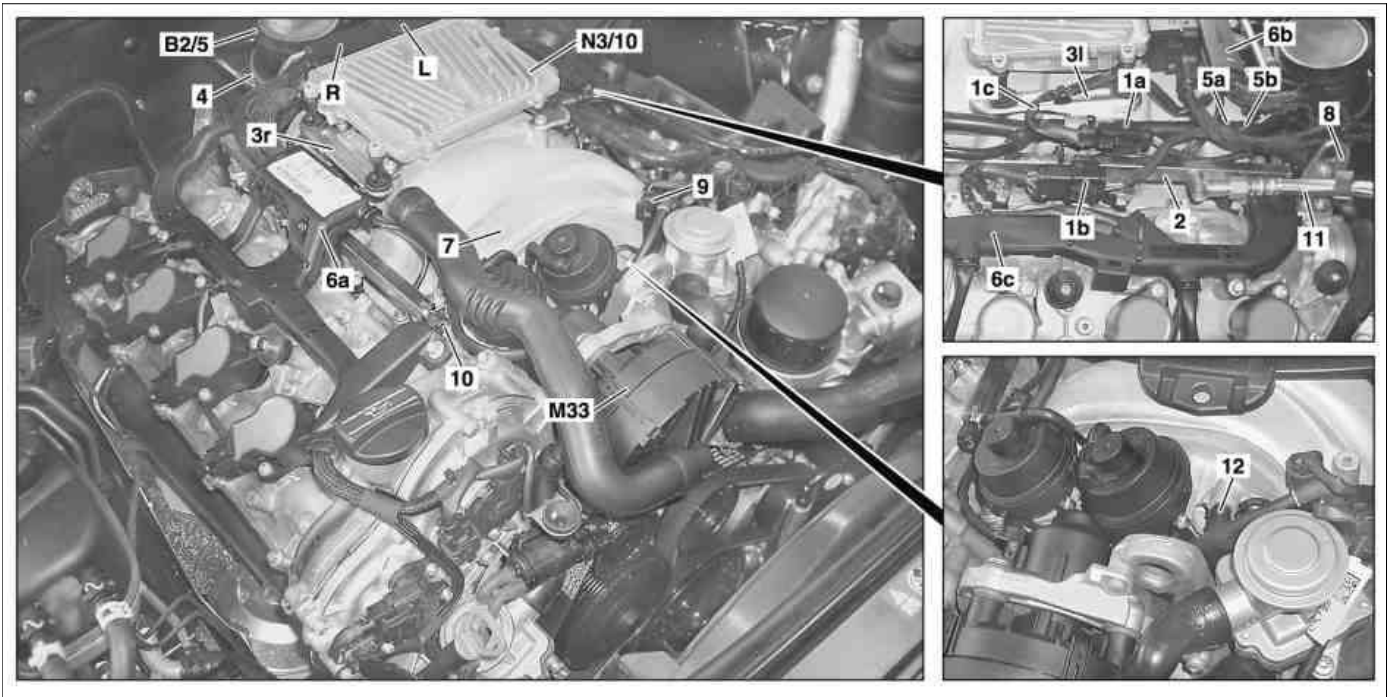


ENGINES 272 (except 272.982) in MODEL 204

ENGINES 272, 273 (except 272.982 /984) in MODEL 207



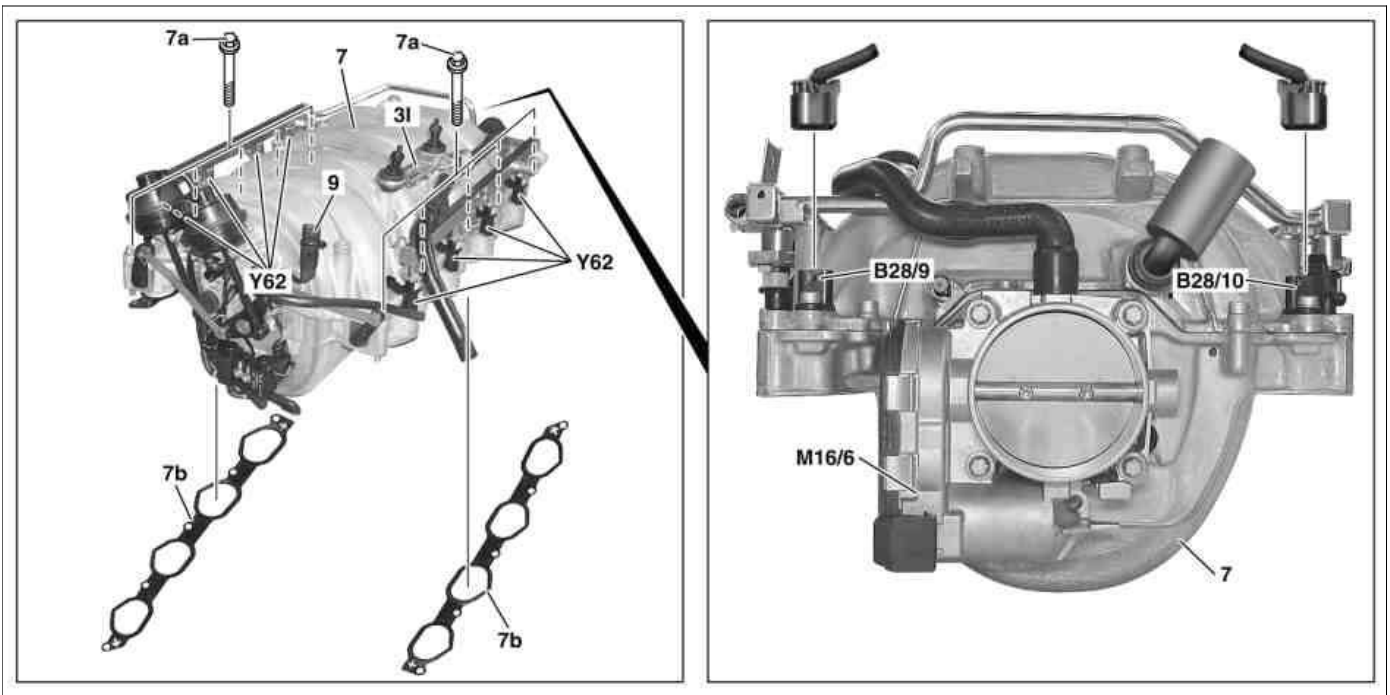
P09.20-2184-09

- 1a Electrical connector
- 1b Electrical connector
- 1c Electrical feed line
- 2 Fuel distributor
- 3l Left control unit bracket
- 3r Right control unit bracket
- 4 Air duct housing
- 5a Hose

- 5b Hose
- 6a Feed duct
- 6b Feed duct
- 6c Feed duct
- 7 Resonance intake manifold
- 8 Engine suspension lug
- 9 Electrical connector
- 10 Service valve

- 11 Fuel line
- 12 Pneumatic line

- B2/5 Hot film mass air flow sensor
- M33 Electric air pump
- N3/10 ME-SFI [ME] control unit
- L Left connector
- R Right connector






















P09.20-2185-09

- 3l Left control unit bracket
- 7 Resonance intake manifold
- 7a Screw/bolt
- 7b Seal

- 9 Electrical connector
- B28/9 Left intake manifold tumble flap position sensor

- B28/10 Right intake manifold tumble flap position sensor
- M16/6 Throttle valve actuator
- Y62 Injection valves

	Remove/install		
	Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
1	Remove air filter housing		AR09.10-P-1150CV
2	Disconnect right connector (R) at ME-SFI [ME] control unit (N3/10)		
3	Disconnect electrical connectors (1a, 1b)		
4	Remove jack for electrical connector (1b) on fuel distributor (2)		
5	Remove electrical feed line (1c) from left control unit bracket (3l)		
6	Pull ME-SFI [ME] control unit (N3/10) out of control unit brackets (3l, 3r) and place down to one side	 Do not disconnect left connector (L) at ME-SFI [ME] control unit (N3/10).	
7	Remove hot film mass air flow sensor (B2/5)		AR07.07-P-1453CV
8	Remove air duct housing (4)		AR09.20-P-0080CV
9	Disconnect hoses (5a, 5b) from crankcase ventilation system		
10	Remove right control unit bracket (3r)		*BA07.08-P-1002-01A
11	Detach supply ducts (6a, 6b, 6c) from cylinder head cover, resonance intake manifold (7) and rear right engine suspension lug (8)	  	*BA15.18-P-1001-01B *BA15.18-P-1002-01B *BA15.18-P-1003-01B
12	Disconnect electrical connectors on injection valves (Y62) and position sensors (B28/9, B28/10)		
13	Disconnect electrical connector (9)		
14	Disconnect electrical connectors on throttle valve actuator (M16/6) and electric air pump (M33)		
15	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 Release fuel pressure over service valve (10)	No fire, sparks, open flames or smoking. Only pour fuels into suitable and appropriately marked containers. Wear protective clothing when handling fuel.   Engine 272	AS47.00-Z-0001-01A AR07.03-P-1460-01VA *119589046300 *BA07.03-P-1004-01B
16	Disconnect fuel line (11) from fuel distributor (2)	 Seal connections immediately.  	*129589009100 *BA07.03-P-1001-01B
17	Remove screw/bolts (7a)		*BA09.20-P-1001-01N
18	Lift resonance intake manifold (7) to front and take out pneumatic lines (12) from connection fittings at the resonance intake manifold (7)	 Installation: Replace seals (7b).	
19	Cover openings in cylinder heads		
20	Remove left control unit holder (3l), fuel distributor (2) with injection valves (Y62), throttle valve actuators (M16/6) and position sensors (B28/9, B28/10) from resonance intake manifold (7)	When replacing resonance intake manifold (7)    	*BA07.08-P-1002-01A *BA07.03-P-1002-01B *BA07.61-P-1001-01D *BA09.20-P-1002-01N
21	Install in the reverse order		
	Checking		
22	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 Carry out an engine test run and check intake tract and fuel system for leaks	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

Intake manifold

Number	Designation		Engine 272	Engine 273
BA09.20-P-1002-01N	Screw/bolt, tumble flap position sensor to resonance intake manifold	Nm	6	6

Nm Control unit

Number	Designation		Engine 272	Engine 273
BA07.08-P-1002-01A	Screw/bolt, control unit bracket to resonance intake manifold	Nm	8	8

Nm Engine wiring harness

Number	Designation		Engine 272	Engine 273
BA15.18-P-1001-01B	Screw/bolt, feed duct to resonance intake manifold	Nm	8	8
BA15.18-P-1002-01B	Screw/bolt, feed duct to cylinder head cover	Nm	8	8
BA15.18-P-1003-01B	Screw/bolt, feed duct to engine suspension lug	Nm	8	8

Nm Injectors, injection valves, lines

Number	Designation		Engine 272	Engine 273	
BA07.03-P-1001-01B	Union nut, fuel line to fuel distributor	Nm	20	20	
BA07.03-P-1002-01B	Screw/bolt, fuel distributor to resonance intake manifold	Nm	9	9	
BA07.03-P-1004-01B	Protective cap on service valve	Plastic	Nm	2	-
		Metal	Nm	15	-

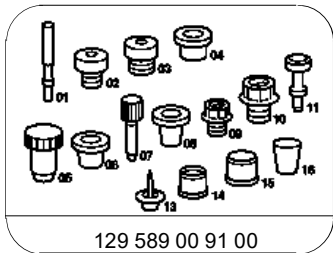
Nm Intake manifold

Number	Designation		Engine 272	Engine 273
BA09.20-P-1001-01N	Screw/bolt, resonance intake manifold to cylinder head	Nm	9	9

Nm ME-SFI [ME] gasoline injection and ignition system

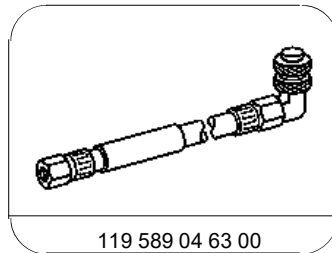
© Mercedes-Benz AG, 11/29/23, L/07/21, ar09.20-p-1961cv, Remove/install resonance intake manifold ENGINES 272 (except 272.982) in MODEL 204 ENGINES 272, 273 (except 272.982 /984) in MODEL 207

Number	Designation	Engine 272	Engine 273
BA07.61-P-1001-01D	Screw/bolt, throttle valve actuator to resonance intake manifold	Nm 9	9



129 589 00 91 00

Set of stop plugs



119 589 04 63 00

Pressure hose