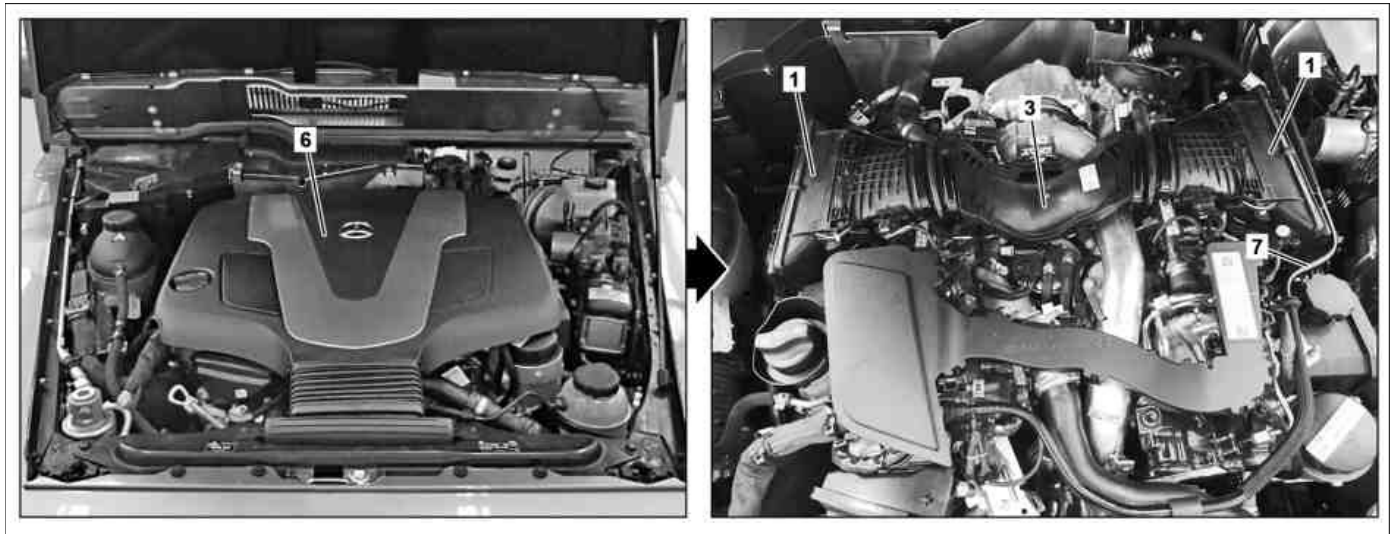


Engine 642.8 in model 164, 166, 204, 207, 212, 213, 218, 221, 222, 238, 251, 253, 292, 463

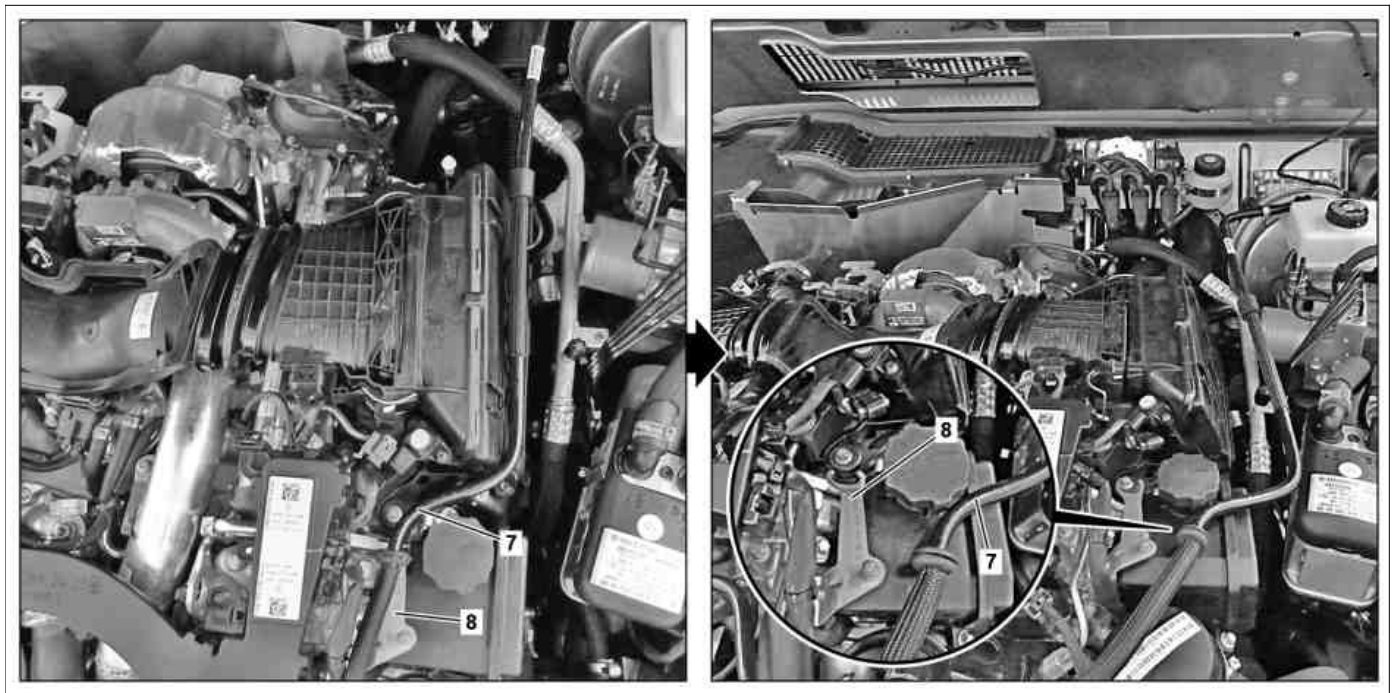


P09.10-2357-08

Shown on engine 642 in model 463.348

- 1 Upper section of air filter housing with air filter
- 3 Engine air intake duct

- 6 Engine cover

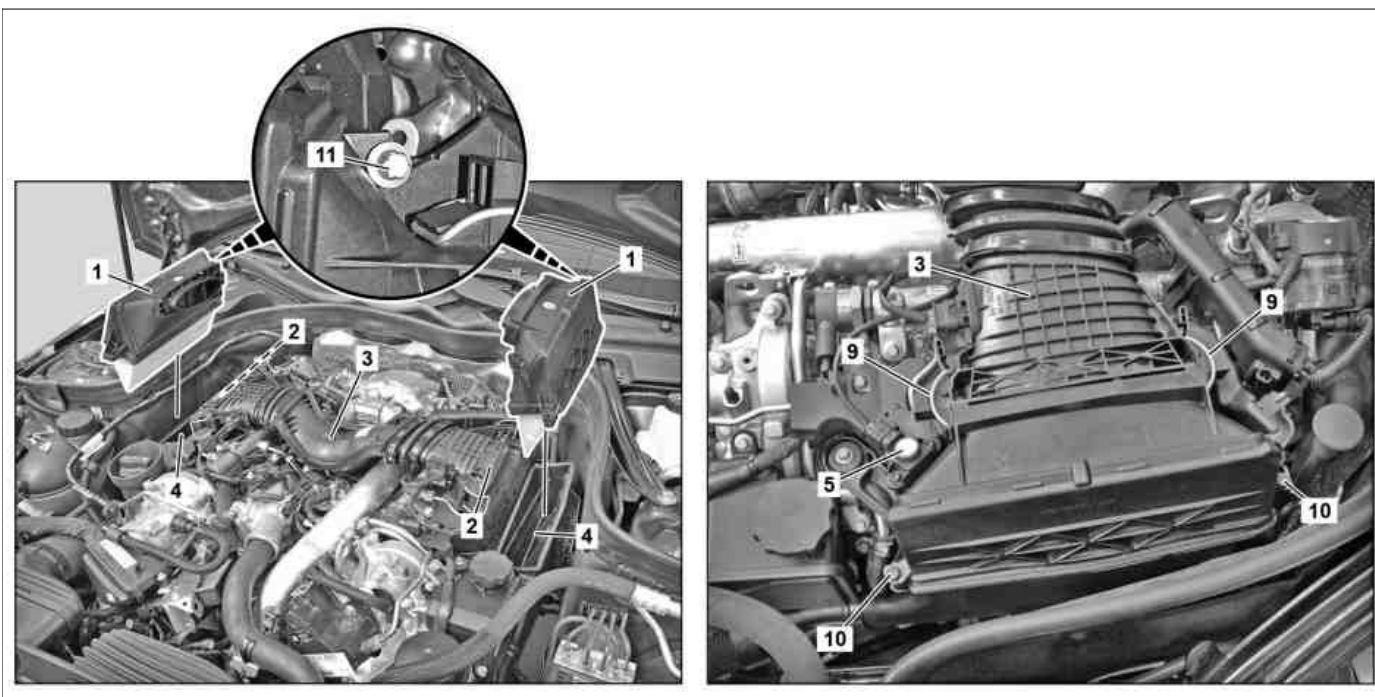


P09.10-2356-09

Shown on engine 642 in model 463.348

- 7 Hose

- 8 Bracket







P09.10-2254-09

Shown on engine 642 in model 221.022

- | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <p>1 Upper section of air filter housing with air filter</p> <p>2 Sealing rings</p> <p>3 Engine air intake duct</p> <p>4 Air filter housing lower parts</p> | <p>5 Pressure sensor downstream of air filter</p> <p>9 Clips</p> <p>10 Bolts</p> <p>11 Bolts</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|

⚠	Warning	Risk of injury. Skin or eye injuries may result when handling hot or glowing objects.	Wear protective gloves, protective clothing and safety glasses, if necessary.	AS00.00-Z-0002-01A
		Notes on avoiding damage through contamination and foreign objects		AH00.00-P-5000-01A
		Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
✂		Remove		
1		Remove engine cover (6)	Vehicle with engine cover (6).	
2		Unhook hose (7) from holder (8) and place to one side	Vehicle with hose (7).	
3		Release and disconnect electrical connection at pressure sensor downstream of air filter (5)		
4		Remove pressure sensor downstream of air filter (5)		
5		Remove screws (10)		
6		Remove bolts (11)	Vehicle with bolts (11).	
7		Release and unhook clamps (9)		
8		Pry upper section of air filter housing with air filter (1) off the engine air intake duct (3) and remove	⚠ Do not subject boots of engine air intake duct (3) to any tension. Damage can otherwise occur.	
9		Pull air filter housing upper sections with air filter (1) out of air filter housing lower sections (4)		
🧽		Clean		
10		Clean insides of lower sections of air filter housing (4)		
🔍		Check		
11		Check seals (2) for damage, deformation and correct seating	If there is a problem ↓ Rectify problem subject to separate repair order.	
🔧		Install		

12	Slide new upper sections of air filter housing with air filter (1) into lower sections of air filter housing (4)		
13	Fit engine air intake duct (3) onto new upper sections of air filter housing with air filter (1)	 Check upper sections of air filter housing with air filter (1) are correctly seated on engine air intake duct (3). Damage can otherwise occur.  Ensure that gaskets (2) are seated correctly. Damage can otherwise occur.	
14	Hook in and lock clamps (9)		
15	Tighten bolts (11)	Vehicle with bolts (11).  Bolt connecting air filter housing to cylinder head cover	*BA09.10-P-1001-01H
16	Tighten screw/bolts (10)		
17	Install pressure sensor downstream of air filter (5)		
18	Connect and lock electrical connection on pressure sensor downstream of air filter (5)		
19	Hook hose (7) into holder (8)	Vehicle with hose (7).	
20	Install engine cover (6)	Vehicle with engine cover (6).	
	Reset adaptation data		
22	Reset adaptation data using diagnostic system after air filter change	<p>Engine 642.8 in model 164, 166, 204, 207, 212, 218, 221, 251, 292, 463</p> <p>Engine 642.8 in model 213, 222, 253</p> <p>Engine 642.8 in model 238</p>  Reset adaptation data in vehicle diagnosis system as follows: Control units view → Motor electronics for combustion engine → Adaptations → Teach-in processes → reset air filter contamination level.	<p>AD00.00-P-2000-04A</p> <p>AD00.00-P-2000-04B</p> <p>AD00.00-P-2000-06LWO</p>

 Air filter

Number	Designation		Engine 642 (except 642.970)
BA09.10-P-1001-01H	Bolt connecting air filter housing to cylinder head cover	Nm	9