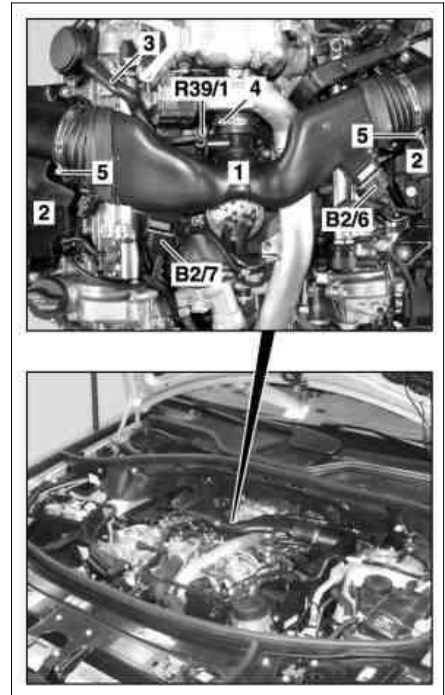


## ENGINES 642 in MODEL 164, 251

- 1 Engine air intake duct downstream of air filter  
 2 Air cleaner housing  
 3 Hose  
 4 Hose clamp  
 5 Hose clamp







- B2/6 Left hot film MAF sensor  
 B2/7 Right hot film MAF sensor  
 R39/1 Vent line heater element



P09.10-2152-03

## Modification notes

21.7.10	"Connect STAR DIAGNOSIS and reset values in engine control unit" added	Step 9	
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 	Remove/install		
	<b>Risk of injury</b> caused by <b>fingers being pinched or crushed</b> 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
1.1	Remove right air filter housing (2)	On vehicles with side-installed air filter element Model 164 Model 251	AR09.10-P-1150GZC AR09.10-P-1150RTC
1.2	Remove left and right air filter element	For vehicles with top mounted air filter elements  <b>Installation:</b> Ensure that seal is correctly installed between air filter housing and engine air intake duct downstream of air filter (1)	AP09.10-P-0980GZB
2	Disconnect electrical connectors at left and right hot film mass air flow sensors (B2/6, B2/7)		
3	Disconnect electrical connector from vent line heater element (R39/1)	For vehicles with a heated bleed line	
4	Detach hose (3) of the crankcase ventilation system at the cyclone separator		
5	Slacken hose clamp (4) at turbocharger		
6	Loosen hose clamp (5) at air filter housing (2) on the left	On vehicles with side-installed air filter element	
7	Pull engine air intake duct forwards downstream of air filter (1)	 To prevent damage occurring ensure that the flexible boots on the engine air intake duct downstream of air filter (1) are not tensioned .  <b>Installation:</b> Do not crush the sealing ring between the turbocharger and the engine intake air duct downstream of the air filter (1). Parts of the crushed sealing ring will damage the turbocharger  When replacing the vent line heater element (R39/1), rubber gasket at engine intake air duct downstream of air filter (1) must be installed first. Ensure grease-free assembly of vent line heater element (R39/1) and sealing ring.	

8	Install in the reverse order		
9	Connect STAR DIAGNOSIS and reset value in engine control unit	<p><b>i</b> When replacing hot film MAF sensor (B2/6 or B2/7) reset value for HFM-SFI drift compensation. Select following menu item:</p> <ul style="list-style-type: none"> <li>● Control unit</li> <li>● Adaptations</li> <li>● Learning processes</li> </ul> <p><b>i</b> HFM-SFI: hot film sequential multipoint fuel injection / ignition system</p>	AD00.00-P-2000-04A