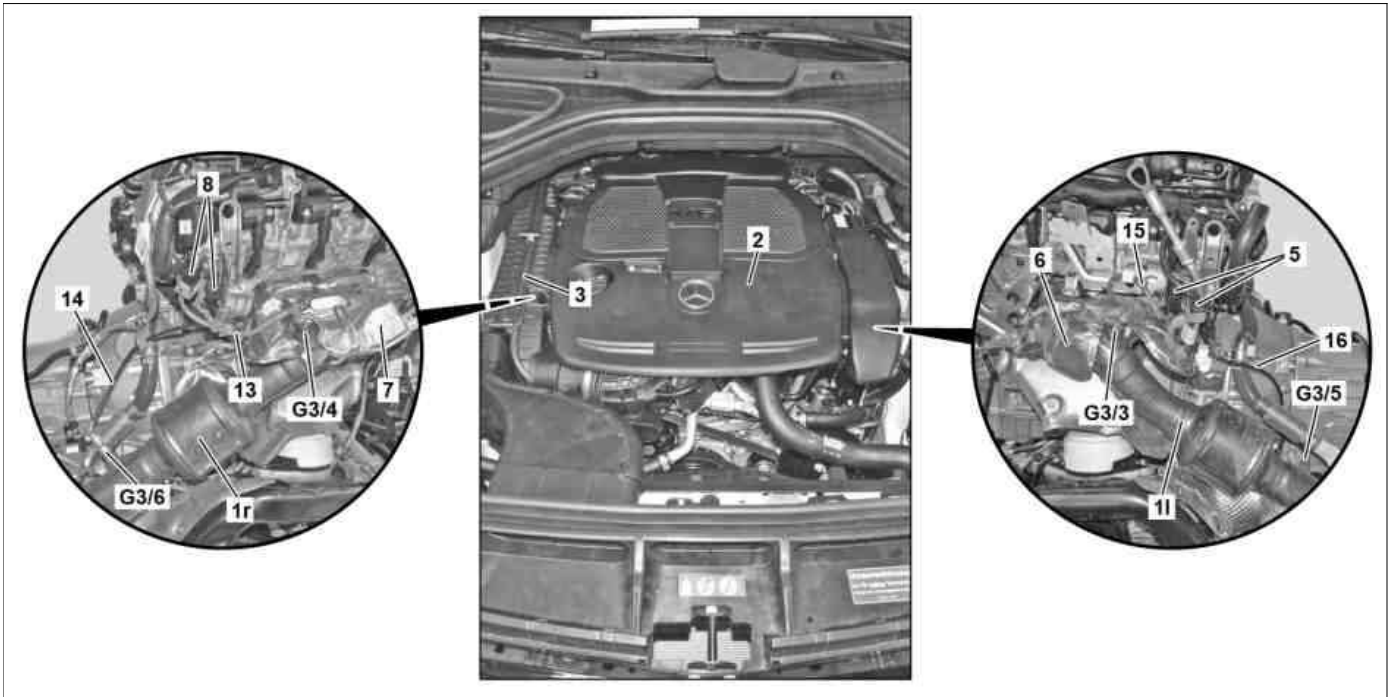






ENGINE 276.9 in MODEL 166, 251



P07.52-2043-09

Shown on model 166

1l	Exhaust manifold with CAT on the left	7	Shield	G3/3	Left oxygen sensor upstream of catalytic converter
1r	Exhaust manifold with CAT on the right	8	Electrical connections	G3/4	Right oxygen sensor upstream of catalytic converter
2	Engine cover	13	Electrical line	G3/5	Left oxygen sensor downstream of catalytic converter
3	Air cleaner housing	14	Electrical line	G3/6	Right oxygen sensor downstream of catalytic converter
5	Electrical connections	15	Electrical line		
6	Shield	16	Electrical line		

 	Remove/install		
	Risk of injury caused by fingers being jammed or pinched when removing, installing or aligning hoods, doors, trunk lid/rear-end door or sliding roof.	No parts of the body or limbs should be within the operating area when the components are moving.	AS00.00-Z-0011-01A
	Risk of death caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between vehicle lift columns and position the four support plates at the vehicle lift support points specified by the vehicle manufacturer.	AS00.00-Z-0010-01A
1	Switch off ignition		
2	Remove front engine cover (2)		
3	Remove partition wall between wheel wells	MODEL 251	AR62.30-P-2400RT
4	Remove air filter housing (3)	To remove the RH oxygen sensor upstream of the catalytic converter (G3/4)  Bolt, air filter to cylinder head cover  Bolt, air filter to air intake pipe support brace	*BA09.10-P-1001-01M *BA09.10-P-1002-01M
5	Remove ME-SFI [ME] control unit	To remove the LH oxygen sensors (G3/3, G3/5)	AR07.08-P-7008GQ
6	Unclip engine wiring harness on ME-SFI [ME] control unit bracket	To remove the LH oxygen sensors (G3/3, G3/5)	AR07.08-P-7008GQ

7	Unclip electrical connector (5 or 8) at bracket and disconnect		
	Oxygen sensor downstream of CAT (G3/5 or G3/6)		
8	Remove corresponding underfloor paneling	MODEL 166 MODEL 251	AR61.30-P-1001GQ AR61.30-P-1001RT
9	Unclip electrical line (14 or 16) at shield (6 or 7) and EGR line		
10	Remove oxygen sensor (G3/5 or G3/6) from CAT	i Installation: Coat thread with hot lubricating paste. Ensure correct routing of oxygen sensor lines. Nm Oxygen sensor at catalytic converter Paste, hot lubrication 1 kg, DB supply specification 6879.20 S Engine mount wrench set	*BA14.00-P-1002-01A *BR00.45-Z-1005-06A *001589011600
	Remove oxygen sensor upstream of catalytic converter (G3/3 or G3/4)		
11.1	Unclip electrical line (13) at bracket for air filter housing (3)	To remove the RH oxygen sensor (G3/4)	
11.2	Unclip electrical line (15) at bracket for the ME-SFI [ME] control unit	To remove the LH oxygen sensor (G3/3)	
12.1	Remove shield (7)	To remove the RH oxygen sensor (G3/4)	
12.2	Detach ME-SFI [ME] control unit bracket with shield (6)	To remove the LH oxygen sensor (G3/3)	
13	Remove oxygen sensor (G3/3 or G3/4) from CAT	i Installation: Coat thread with hot lubricating paste. Ensure correct routing of the electrical line for the oxygen sensors (G3/3 or G3/4). Nm Oxygen sensor upstream of catalytic converter Paste, hot lubrication 1 kg, DB supply specification 6879.20 S Engine mount wrench set	*BA14.00-P-1005-01A *BR00.45-Z-1005-06A *001589011600
14	Install in the reverse order		
15	Read out fault memory using the diagnostic system and clear if necessary		
AD			AD00.00-P-2000-04A AS00.00-Z-0005-01A
16	Risk of accident from vehicle starting off by itself when engine running. Risk of injury (bruises and burns) resulting from working on the engine while it is being started or when it is running. Test run engine and check exhaust system for leaks	Secure vehicle to prevent it from starting off by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.	

Nm Air filter

Number	Designation		ENGINE 276.9
BA09.10-P-1001-01M	Bolt, air filter to cylinder head cover	Nm	9

Nm Air filter

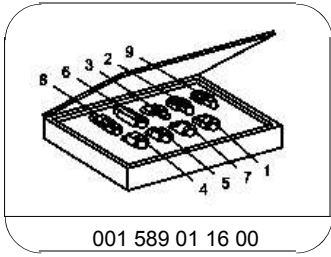
Number	Designation		ENGINE 276.9
BA09.10-P-1002-01M	Bolt, air filter to air intake pipe support brace	Nm	9

Nm Oxygen sensor

Number	Designation		ENGINE 276
BA14.00-P-1002-01A	Oxygen sensor at catalytic converter	Nm	50

Nm Oxygen sensor

Number	Designation		ENGINE 276
BA14.00-P-1005-01A	Oxygen sensor upstream of catalytic converter	Nm	50



001 589 01 16 00

Engine mount wrench set

Repair materials

Number	Designation	Order number
BR00.45-Z-1005-06A	Paste, hot lubrication 1 kg, DB supply specification 6879.20	A 000 989 76 51