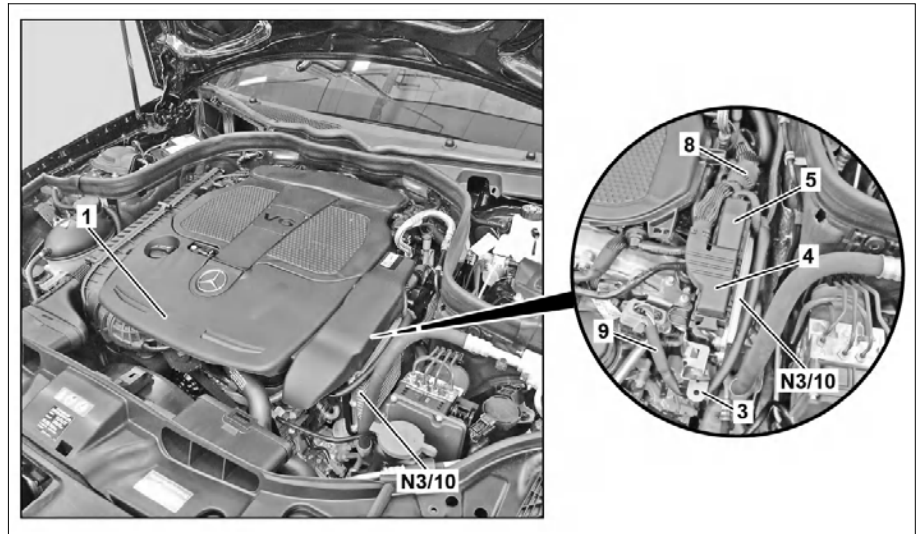


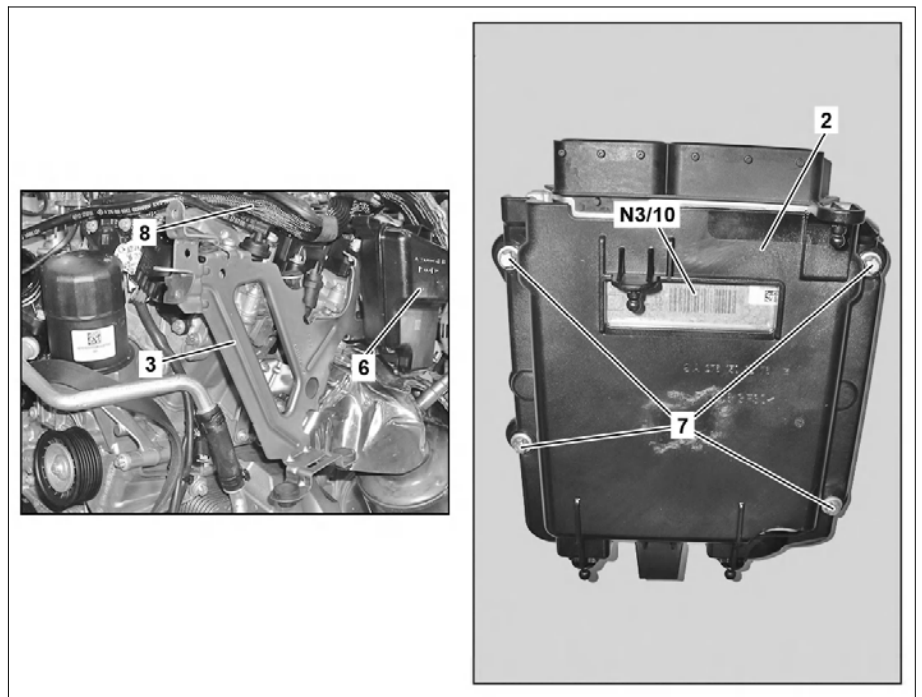
Engine 276.9 in model 212, 218

- 1 Front engine cover
 3 Bracket
 4 Electrical connector
 5 Electrical connector
 8 Engine wiring harness
 9 Electrical line
 N3/10 ME-SFI [ME] control unit



P07.08-2188-05

- 2 Support
 3 Bracket
 6 Vacuum reservoir
 7 Bolts
 8 Engine wiring harness
 N3/10 ME-SFI [ME] control unit



P07.08-2187-06

☒ ☒	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
ⓘ	Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
1 AD	Read out transfer variant coding of ME-SFI [ME] control unit (N3/10) using Star Diagnosis	When replacing ME-SFI [ME] control unit (N3/10) i Connect up Star Diagnosis and read data from ME-SFI [ME] control unit (N3/10) into Star Diagnosis. i Installation: Transfer stored data to new ME-SFI [ME] control unit (N3/10).	AD00.00-P-2000-04A
2	Switch off ignition		
3	Remove front engine cover (1)		

4	Disconnect Electrical connections (4, 5) on ME-SFI control unit (N3/10)		
5	Pull out ME-SFI [ME] control unit (N3/10) and mount (2) from bracket (3)		
6	Remove screw/bolts (7) and detach ME-SFI [ME] control unit (N3/10) from the mount (2)	When replacing ME-SFI [ME] control unit (N3/10) Nm Bolt, control unit to retaining plate	*BA07.08-P-1003-01A
	Only perform operation steps 7 to 12 for removal of the ME-SFI [ME] control unit (N3/10) bracket (3)		
7	Detach engine wiring harness (8) on bracket (3)		
8	Unclip retaining clip for electrical line (9) on bracket (3)		
9	Detach connector housing bracket on bracket (3)	Nm Bolt, connector housing holder to control unit holder	*BA07.08-P-1006-01A
10	Detach vacuum reservoir (6) from bracket (3)	Nm Screw/bolt, vacuum reservoir to bracket	*BA43.05-P-1002-01K
11	Remove screw/bolts for bracket (3)	Nm Bolt, control unit holder to cylinder head/cylinder head cover Nm Bolt, shield over left exhaust manifold to control unit holder	*BA07.08-P-1004-01A *BA07.08-P-1005-01A
12	Remove bracket (3) upwards		
13	Install in the reverse order		
14	Carry out sensor adaptation with STAR DIAGNOSIS AD	When replacing ME-SFI [ME] control unit (N3/10) i Menu guidance: ● Ecu ● Adaptations ● Teach-in processes	AD00.00-P-2000-04A
15	Release transport protection on ME-SFI [ME] control unit (N3/10)	When replacing ME-SFI [ME] control unit (N3/10)	
16	Personalize and activate ME-SFI [ME] control unit (N3/10)	When replacing ME-SFI [ME] control unit (N3/10)	
17	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. Carry out an engine test run	Secure vehicle to prevent it from starting off by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A

Nm Control unit

Number	Designation	Engine 276
BA07.08-P-1003-01A	Bolt, control unit to retaining plate Nm	5

Nm Control unit

Number	Designation	Engine 276
BA07.08-P-1004-01A	Bolt, control unit holder to cylinder head/cylinder head cover Nm	9

Nm Control unit

Number	Designation	Engine 276
BA07.08-P-1005-01A	Bolt, shield over left exhaust manifold to control unit holder Nm	9

Nm Control unit

Number	Designation	Engine 276
BA07.08-P-1006-01A	Bolt, connector housing holder to control unit holder Nm	9

Nm Vacuum pump

Number	Designation	Engine 276 in model 172, 204, 205, 207, 212, 213, 217, 218, 221, 231, 238, 251, 253, 292
BA43.05-P-1002-01K	Screw/bolt, vacuum reservoir to bracket	Nm 9