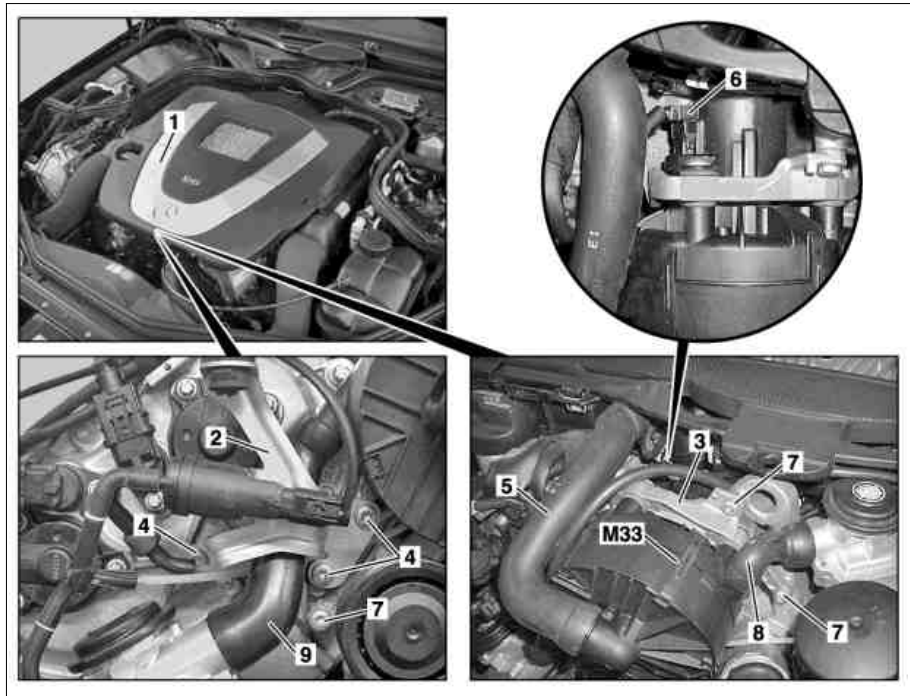


ENGINE 272, 273 (except 272.985) in MODEL 211, 219

- 1 Front engine cover
 2 Front engine cover bracket
 3 Electric air pump bracket
 4 Bolts
 5 Air intake hose
 6 Electrical connector
 7 Bolts
 8, 9 Air hose

M33 Electric air pump



P14.30-2106-06

☒ ☒	Remove/install		
1	Switch ignition off, remove ignition key (transmitter key)	<p>i On vehicles with code 889 Keyless-Go: Press Keyless-Go start/stop button repeatedly until the ignition is switched off. Remove Keyless Go transmitter card or transmitter key from the vehicle and store beyond transmitter range (min. 2 m).</p>	
2	Pull out front engine cover (1) from mounts		
3	Drain coolant at radiator	Engine 273	AR20.00-P-1142TS
4	Unfasten coolant pipe from coolant thermostat and front cover on left cylinder head and lay to one side	<p>Engine 273</p> <p>Nm</p> <p>Nm</p>	<p>*BA20.10-P-1005-01U</p> <p>*BA20.10-P-1006-01U</p>
5	Remove bolts (4) and detach the bracket (2) of front engine cover (1) from front cover of the right cylinder head and from bracket (3) of the electric air pump (M33)	Nm	*BA14.30-P-1001-01D
6	Remove air intake hose (5) on electric air pump (M33)		
7	Disconnect electrical connector (6) at electric air pump (M33)		
8	Remove bolts (7) and detach the bracket (3) of the electric air pump (M33) from the cylinder head and from the timing case cover	Nm	*BA14.30-P-1002-01D
9	Detach air hoses (8, 9) from electric air pump (M33)		
10	Remove electrical air pump (M33) with bracket (3)		
11	Detach electric air pump (M33) from bracket (3)	<p>When replacing electric air pump (M33)</p> <p>i Installation: Check rubber bearing bushings on bracket (3) for damage and wear; replace rubber bearing bushes if necessary.</p> <p>Nm</p>	*BA14.30-P-1003-01D
12	Install in the reverse order		
13	<p>Read out fault memory</p> <p>Connect STAR DIAGNOSIS and read out fault memory</p>		AD00.00-P-2000-04A

Nm Air pump

Number	Designation	Engine 272, 273	
BA14.30-P-1001-01D	Bracket bolt, front engine cover to electric air pump bracket or cylinder head	Nm	14
BA14.30-P-1002-01D	Bolt, bracket for electric air pump to cylinder head or timing case cover	Nm	14
BA14.30-P-1003-01D	Bolt connecting electric air pump to bracket	Nm	8

Nm Coolant pump, coolant thermostat

Number	Designation	Engine 273	
BA20.10-P-1005-01U	Bolt connecting coolant pipe to coolant thermostat housing	Nm	9
BA20.10-P-1006-01U	Bolt connecting coolant pipe to cylinder head front cover	Nm	9