

ENGINES 272.920 in MODEL 203.052 /252 /752

ENGINES 272.940 in MODEL 203.054 /254, 209.354 /454

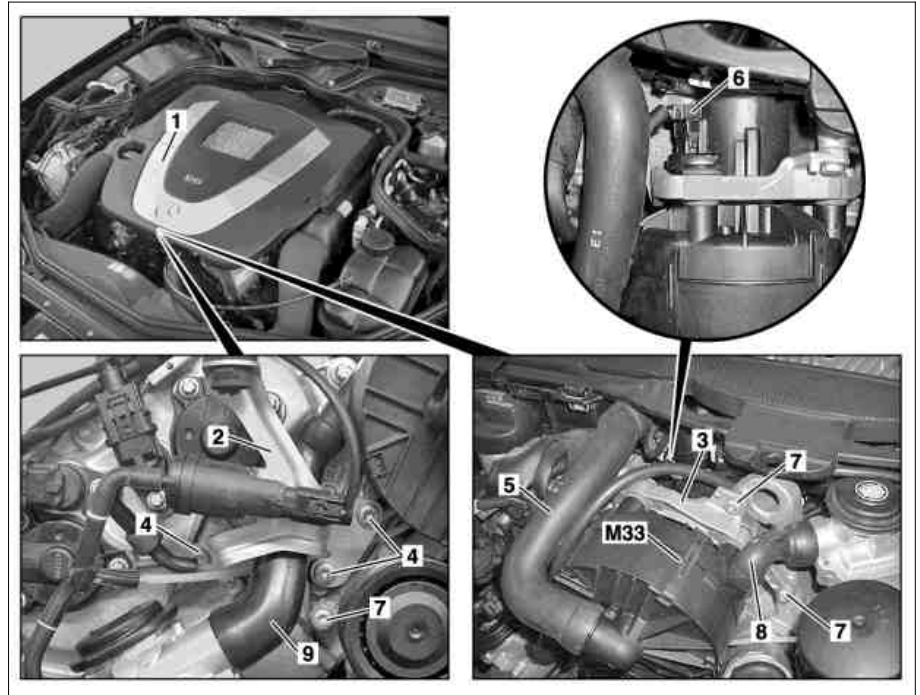
ENGINES 272.960 in MODEL 203.056 /256 /756, 209.356 /456

ENGINES 272.970 in MODEL 203.087 /287









ENGINES 272.941 in MODEL 203.092 /292

ENGINES 273 in MODEL 209

- 1 Front engine cover
 2 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		
⚠ Danger!	Risk of injury caused by fingers being pinched or crushed 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	Turn key in ignition lock to position "0"		
2	Open engine hood and raise to vertical position	Model 203 Model 209	AR88.40-P-1000P AR88.40-P-1000Q
3	Remove front engine cover (1)	 Pull out front engine cover (1) from mounts.	
4	Drain coolant at radiator	Engine 273	AR20.00-P-1142QB
5	Loosen coolant pipe from coolant thermostat and front cover and lay down to side	Engine 273  	*BA20.10-P-1005-01U *BA20.10-P-1006-01U
6	Remove bracket for engine cover (2) from front cover on cylinder head and from bracket for electric air pump (3) by removing bolts (4)		*BA14.30-P-1001-01D
7	Remove air intake hose (5) on electric air pump (M33)		
8	Disconnect electrical connector (6) at electric air pump (M33)		
9	Detach bracket for electric air pump (3) from cylinder head and timing case cover by removing bolts (7)		*BA14.30-P-1002-01D
10	Detach air hoses (8, 9) from electric air pump (M33)		
11	Remove the electrical air pump (M33) with the bracket of the electrical air pump (3)		
12	Remove electrical air pump (M33) from the bracket of the electrical air pump (3)	 Only when replacing electrical air pump (M33)  Installation: Check rubber bearing bushings on the bracket for electric air pump (3) for damage and wear; replace if necessary.	

		Nm	*BA14.30-P-1003-01D
13	Install in the reverse order		
14	Read out fault memory Connect STAR DIAGNOSIS and read out fault memory	STAR DIAGNOSIS diagnosis system	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