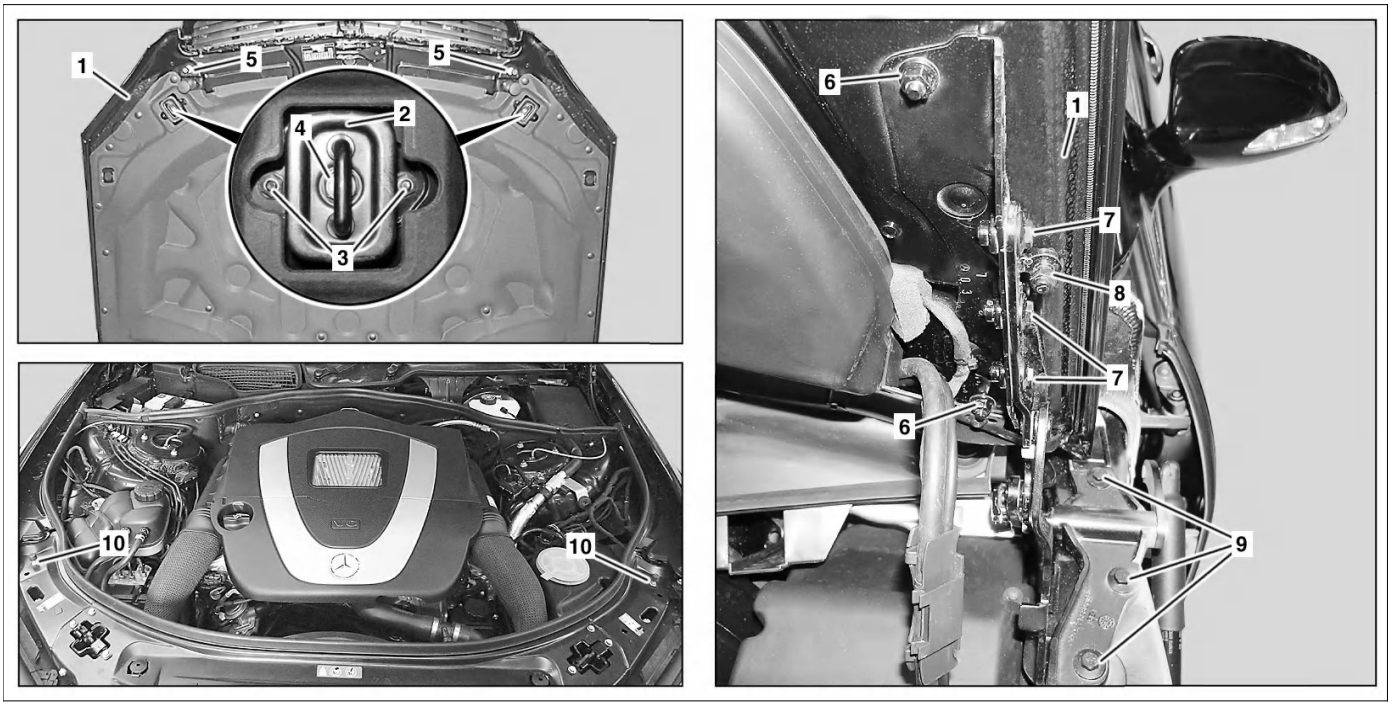
MODEL 216, 221



P88.40-2607-09

Shown on model 221 on left side of vehicle with front fender removed

1 Engine hood
2 Upper section of engine hood catch
3 Nuts
4 Screw
5 Stop buffer
6 Nut
7 Bolts
8 Height stop
9 Bolts
10 Stop buffer

⚠ 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	Remove both engine hood lock top sections (2)		AR88.40-P-3200SX
	Adjust in longitudinal and transverse direction		
2	Loosen bolts (7), nuts (6) or bolts (9) on left and right engine hood hinge and adjust engine hood (1) in longitudinal and lateral direction	ℹ Adjust engine hood (1) so that the gap between the engine hood (1) and the front fender is not wedge-shaped. Model 216 Gap dimensions on hoods, doors and lids Model 221 Gap dimensions on hoods, doors and lids	AR60.00-P-0700-01SC *BE60.00-P-1001-01T *129589032100 AR60.00-P-0700-01SX *BE60.00-P-1001-01R *129589032100
3	Tighten bolts (7), nuts (6) or bolts (9).	ℹ Tighten bolts (7) only after correct height adjustment. Nm Nm	*BA88.40-P-1003-01M *BA88.40-P-1004-01M
	Adjust height		
4	Slightly screw in left and right height stop (8)		
5	Loosen bolts (7) and adjust engine hood (1) so that height in the rear area is flush with front fenders.		
6	Tighten bolts (7)	Nm	*BA88.40-P-1003-01M
7	Install both upper engine hood catches (2).		AR88.40-P-3200SX
8	Adjust engine hood (1) using bolt (4) on both engine hood catch upper sections (2) so that height is flush with front fenders in front area		

9	Adjust left and right height stop (8) so that a strip of paper can be pulled through between the height stop (8) and the corresponding counterelement on the engine hood hinge when the engine hood (1) is closed.	i The height stop (8) serves to protect the engine hood (1) from fluttering in the rear area.	
10	Adjust stop buffers (5, 10) so that a strip of paper can be pulled through between the stops buffers (5, 10) and engine hood (1) when the engine hood (1) is closed	i The stop buffers (5, 10) serve to protect the engine hood (1) from fluttering in the front area.	
11	Check whether engine hood (1) closes properly and is tensioned, adjust if necessary.	i From a height of 100 to 130 mm (measured from tip of fender), the engine hood (1) should drop by itself into the lower engine hood catches and lock. The closed engine hood (1) should not have play in the area of the upper engine hood catches (2), i.e. should have only slight tension	
13	Check whether engine hood catch lower section s are locked	i Pull engine hood (1) upward with a jerk,	
14	Release engine hood (1) and check whether retaining hood on upper frame cross member is arrested.		
15	Repair paint damage		

Check values for gaps

Number	Designation				Model 216 up to model year 2011	Model 216 as of model year 2011
BE60.00-P-1001-01T	Gap dimension	Engine hood to fender	Dimension "A"	mm	3.5 (±0.5)	3.5 (±0.5)
		Engine hood to headlamp	Dimension "B"	mm	3.5 (±0.5)	3.5 (±0.5)
		Engine hood to A-pillar	Dimension "D"	mm	4.0 (±0.5)	4.0 (±0.5)
		Radiator grille/bumper	Dimension "C"	mm	5.0 (±1.0)	2.0 (±1.0)
		Engine hood to bumper	Dimension "P"	mm	5.0 (±1.0)	5.0 (±1.0)
		Bumper to headlamp	Dimension "Q"	mm	3.5 (±0.5)	3.5 (±0.5)
			See picture		AR60.00-P-0700-01SC	AR60.00-P-0700-01SC

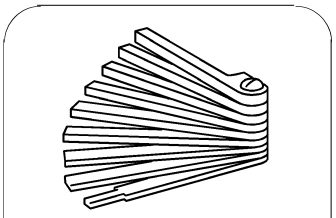
Check values for gaps

Number	Designation				Model 221
BE60.00-P-1001-01R	Gap dimension	Engine hood to fender	Dimension "A"	mm	3.5 (±0.5)
		Engine hood to headlamp	Dimension "B"	mm	3.5 (±0.5)
		Radiator grille/bumper	Dimension "C"	mm	5 (±1)
		Engine hood to bumper	Dimension "P"	mm	5 (±1.5)

		Bumper to headlamp	Dimension "Q" mm	3.5 (±0.5)
		Bumper to fender	Dimension "R" mm	3.5 (±0.5)
			See picture	AR60.00-P-0700-01SX

Nm Engine hood

Number	Designation		Model 216	Model 221
BA88.40-P-1003-01M	Bolt/nut,engine hood to engine hood hinge	Nm	8	8
BA88.40-P-1004-01M	Screw for engine hood hinge on body	Nm	10	10



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Feeler gauge