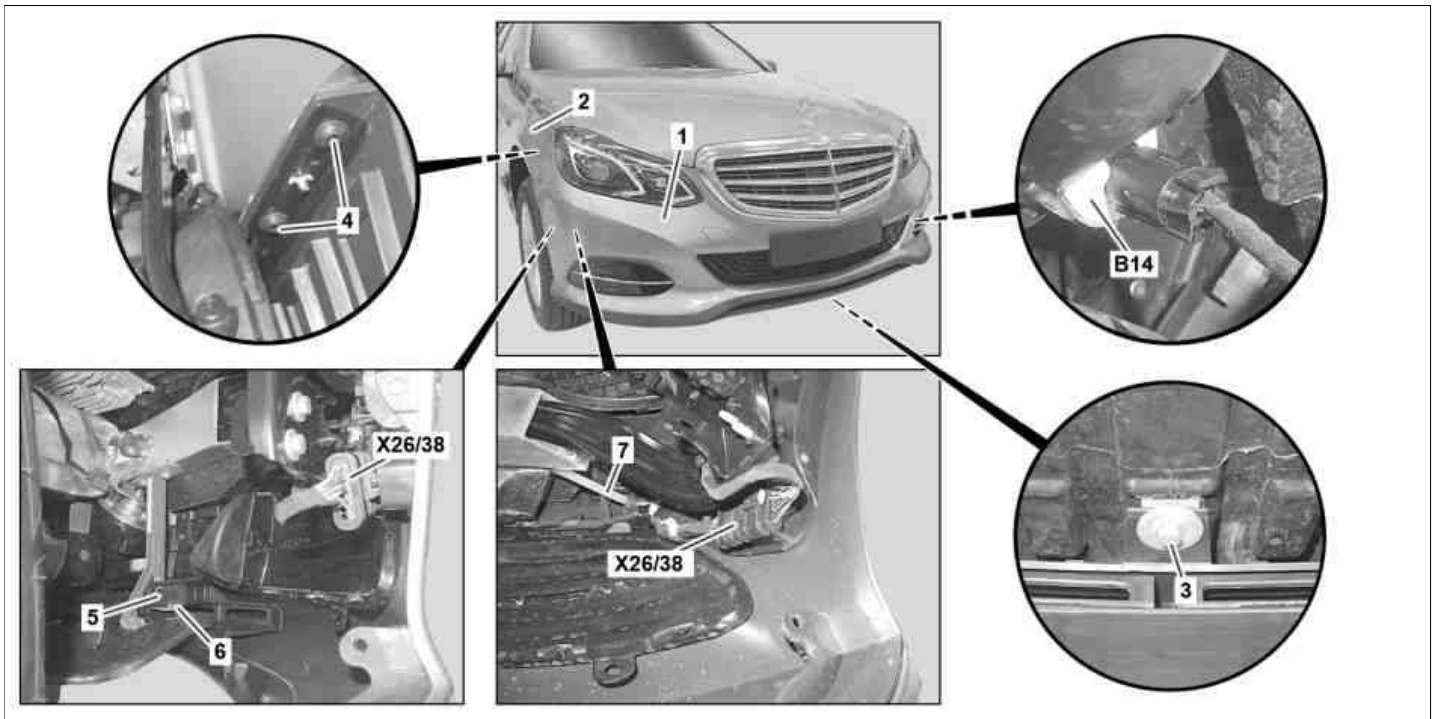
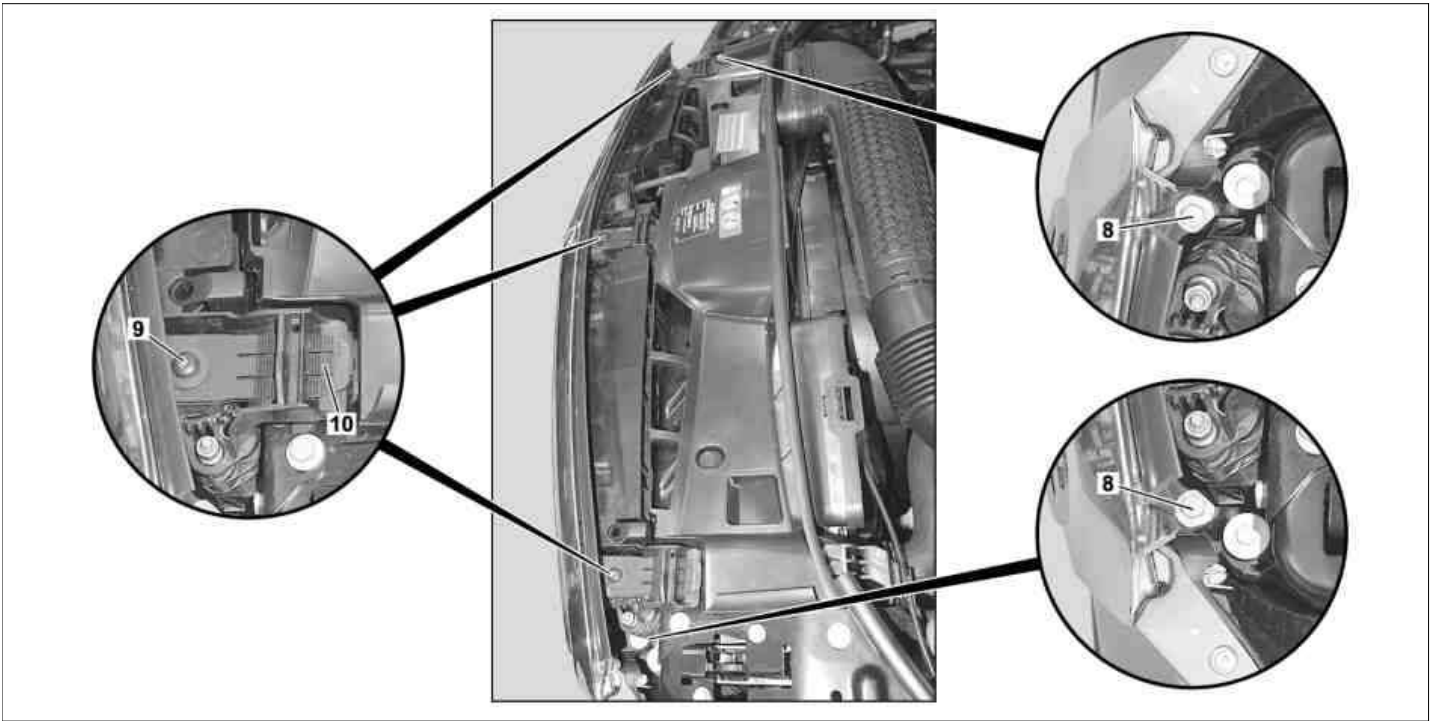


Model 212
as of model year 2014



P88.20-4009-09

- | | | | |
|---|--------------|--------|---|
| 1 | Front bumper | 6 | Bracket |
| 2 | Front fender | 7 | Pedestrian protection sensor (with CODE U60 (Active engine hood (pedestrian protection))) |
| 3 | Screw | B14 | Outside temperature sensor |
| 4 | Bolts | X26/38 | Front bumper and frame wiring harness electrical connector |
| 5 | Screw | | |







P88.20-4008-09

8 Screw
9 Screw

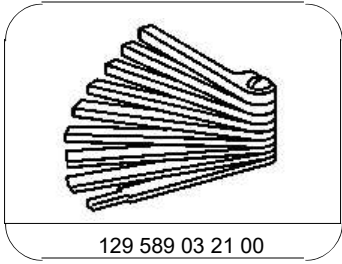
10 Catch hook

ⓘ	Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
☒	Remove		
1	Open engine hood		AR88.40-P-1000EW
2	Disconnect battery ground line	Model 212 as of model year 2014 with code U60 (Active Bonnet (Pedestrian protection))	AR54.10-P-0003EW
3	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
3	Lift vehicle on vehicle lift		
4	Unscrew bolt (3)		
5	Remove fender liner in front part of right and left front fender		AR88.10-P-1300ELX
6	Unscrew bolts (4) on left and right front fender (2)		
7	Unscrew bolt (5) from left and right bracket (6)		
◀	Check		
8	Check freely visible points on pedestrian protection sensor (7) for damage of any kind (cracks, holes, breakovers, etc.) when installed	Model 212 as of model year 2014 with code U60 (Active Bonnet (Pedestrian protection))	AH91.60-P-0001-01A
ⓘ	Notes on pedestrian protection sensor	If damage is visible. ↓ Replace pedestrian protection sensor (7)	AR91.60-P-0950EWM
9	Disconnect electrical connector on frame wiring harness and front bumper (X2638)		

10	Unclip outside temperature sensor (B14)		
11	Remove bolt (8)	i Installation: Screw in bolts (8) only to stop because it may be necessary to check and adjust the gap dimensions after bumper (1) installation.	
12	Remove screw/bolts (9)	i Installation: Screw in bolts (9) only after adjustment work.	
13	Push catch hooks (10) downward and toward front	i Installation: Only position catch hooks (10) in guides.	
14 	Remove front bumper (1) General information on the impact absorber	i Installation: Check gap dimensions on front bumper (1). In the event of complaints ↓ Adjust front bumper (1) Gap dimension  Feeler gauge	AH88.20-P-1000-01A AR88.20-P-2001EWM AR60.00-P-0700-01EW *BE60.00-P-1006-01U *129589032100
15	Disassemble front bumper (1)	Only when replacing front bumper (1).	AR88.20-P-2050EWM
16	Install in the reverse order		
17 	Calibrate front 360° camera using the diagnostic system	Model 212 as of model year 2014 with code 501 (360° camera)	AD00.00-P-2000-04A
	Check		
18	Switch on ignition, engage reverse gear and release parking brake	Model 212 as of model year 2014 with code 235 (Active Parking Assist with PARKTRONIC)	
19	Switch on active parking assist and check whether active parking assist is ready for operation	Model 212 as of model year 2014 with code 235 (Active Parking Assist with PARKTRONIC) i The active parking assist automatically performs a self-test and the operational readiness is signaled via the warning indicators.	
20	Check PARKTRONIC system for proper function	Model 212 as of model year 2014 with code 220 (PARKTRONIC)	

Check values for gap dimensions

Number	Designation				Model 212.0/1	Model 212.2
BE60.00-P-1006-01U	Gap dimension	Engine hood to headlamp	Dimension "B1"	mm	3,5 (±1)	3,5 (±1)
		Engine hood to radiator grille/bumper	Dimension "C1"	mm	3,5 (±1)	3,5 (±1)
		Offset: Engine hood to radiator grille/bumper	Dimension "C2"	mm	1 (-0,5/+1)	1 (-0,5/+1)
		Bumper to headlamp, outside	Dimension "F1"	mm	2,5 (±1,5)	2,5 (±1,5)
		Bumper to headlamp, bottom/inside	Dimension "F2"	mm	2 (-1/+1,5)	2 (-1/+1,5)
		Picture			AR60.00-P-0700-01EW	AR60.00-P-0700-01EW



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Feeler gauge