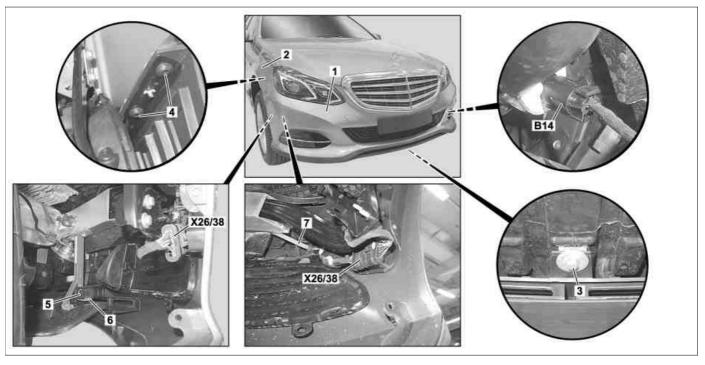
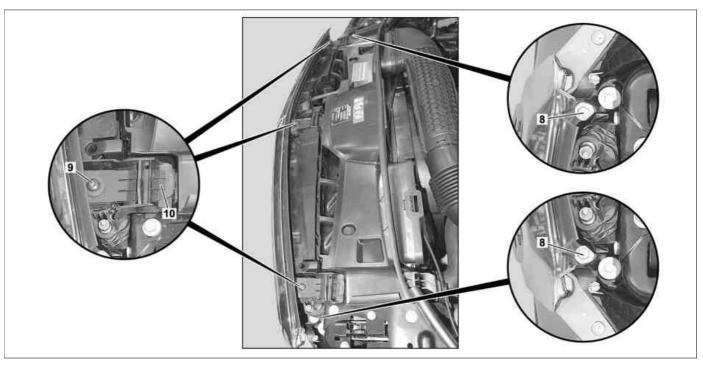
Model 212 as of model year 2014



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		



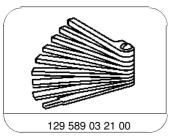
P88.20-4008-09

Remove   R	<b>(b)</b>	Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
Cypen engine hood   Second   AR88.40-P-1000FW   AR84.10-P-0003EW   as of model year 2014   with node LSO (Active Bonnet (Pedestrian protection)   AR88.10-P-0003EW   AR84.10-P-0003EW	X			
Disconnect battery ground line  Answer 1  Disconnect battery ground line  Answer 2014 with code US0 (Active Bonnet (Pedestrian protection)  Apport 1  Disconnect battery ground line  Tit vehicle on vehicle lift  Unscrew bolt (3)  Remove fender line in front part of right and ell front leads of the control to the control				AR88.40-P-1000FW
Lift vehicle on vehicle lift	2		as of model year 2014 with code U60 (Active Bonnet (Pedestrian	
Unscrew bolt (3)   Remove forder liner in front part of right and left front fender	⚠ Danger !	<b>Risk of death</b> caused by vehicle slipping or toppling off of the lifting platform.	position the four support plates at the vehicle lift support points specified by the vehicle	AS00.00-Z-0010-01A
Remove tender liner in front part of right and left front fender	3	Lift vehicle on vehicle lift		
left front fender 6 Unscrew bolts (4) on left and right front fender (2) Unscrew bolt (5) form left and right front fender (2) Check 8 Check freely visible points on pedestrian protection sensor (7) for damage of any kind (cracks, holes, breakovers, etc.) when installed (Pedestrian protection sensor (7) for damage of any kind (cracks, holes, breakovers, etc.) when installed (Pedestrian protection sensor (7) for damage of any kind (cracks, holes, breakovers, etc.) when installed (Pedestrian protection sensor (7) for damage of any kind (cracks, holes, breakovers, etc.) when installed (Pedestrian protection sensor (7) for damage of any kind (cracks, holes, breakovers, etc.) when installed protection sensor (7) for damage of any kind dore Use (Active Bonnet (Pedestrian protection) sensor (7) for damage of any kind dore use of model year 2014 with code USO (Active Bonnet (Pedestrian protection) sensor (7) for damage is visible.  Replace pedestrian protection sensor (7) for damage of any kind damage is visible. Replace pedestrian protection sensor (7) for damage is visible. Replace pedestrian protection sensor (7) for damage is visible. Replace pedestrian protection sensor (7) for damage is visible. Replace pedestrian protection sensor (7) for damage is visible. Replace pedestrian protection sensor (7) for damage is visible. Replace pedestrian protection sensor (7) for damage is visible. Replace pedestrian protection sensor (7) for damage is visible. Replace pedestrian protection sensor (7) for damage is visible. Replace pedestrian protection sensor (7) for damage is visible. Replace pedestrian protection sensor (7) for damage is visible. Replace pedestrian protection sensor (7) for damage is visible. Replace pedestrian protection sensor (7) for damage is visible. Replace pedestrian protection sensor (7) for damage is visible. Replace pedestrian protection sensor (7) for damage is visible. Replace pedestrian protection sensor (7) Replace pedestrian protection sensor (7) Replace pedestrian protection sensor (7) Replac	•			
(2)		left front fender		AR88.10-P-1300ELX
Check freely visible points on pedestrian protection sensor (7) for damage of any kind (cracks, holes, breakovers, etc.) when installed Notes on pedestrian protection sensor  Disconnect electrical connector on frame wiring harness and front bumper (X2638)  Unclip outside temperature sensor (B14)  Remove bolt (8)  Push catch hooks (10) downward and toward front  Remove front bumper (1)  General information on the impact absorber  Push catch to the protection on the impact absorber  General information on the impact absorber  Disassemble front bumper (1)  Calibrate front 360° camera using the diagnostic system  Model 212 as of model year 2014 with code 235 (Active Parking Assist with with co		(2)		
protection sensor (7) for damage of any kind (cracks, holes, breakovers, etc.) when installed  Notes on pedestrian protection sensor  If damage is visible. Replace pedestrian protection sensor (7)  Pedestrian protection sensor (7)  Disconnect electrical connector on frame wiring harness and front bumper (X2638)  Unclip outside temperature sensor (B14)  Remove bolt (8)  Remove bolt (8)  Push catch hooks (10) downward and toward front  Remove front bumper (1)  General information on the impact absorber  Remove front bumper (1)  General information on the impact absorber  Replace pedestrian protection sensor (7)  AH91.60-P-0001-01A  I installation: Screw in bolts (8) only to stop-beause it may be necessary to check and adjust the gap dimensions after bumper (1) installation: Screw in bolts (9) only after adjustment work.  I installation: Screw in bolts (9) only after adjustment work.  I installation: Only position catch hooks (10) in guides.  Adjust front bumper (1)  General information on the impact absorber  I installation: Check gap dimensions on front bumper (1).  AH88.20-P-1000-01A  I installation: Check gap dimensions on front bumper (1).  AR88.20-P-2001EWM  AR88.20-P-2001EWM  AR88.20-P-2001EWM  AR88.20-P-2005EWM  AR88.20-P-2000-01A  AR88.20-P-2	4	Check		
If damage is visible.  Replace pedestrian protection sensor (7)  AR91.60-P-0950EWW  Proving harness and front bumper (X2638)  10 Unclip outside temperature sensor (B14)  11 Remove bolt (8)  12 Remove screw/bolts (9)  13 Push catch hooks (10) downward and toward front  14 Remove front bumper (1)  15 General information on the impact absorber  16 Disassemble front bumper (1)  17 Calibrate front 360° camera using the diagnostic system  18 Switch on ignition, engage reverse gear and release parking brake  In Installation protection sensor (7)  AR91.60-P-0950EWW  AR92.00-P-0950EWW	8	protection sensor (7) for damage of any kind (cracks, holes, breakovers, etc.) when installed	as of model year 2014 with code U60 (Active Bonnet (Pedestrian	AH91 60-P-0001-01A
AR91.60-P-0950EWN  Disconnect electrical connector on frame wiring harness and front bumper (X2638)  10 Unclip outside temperature sensor (B14)  11 Remove bolt (8)  Remove bolt (8)  12 Remove screw/bolts (9)  13 Push catch hooks (10) downward and toward front  14 Remove front bumper (1)  General information on the impact absorber  Gap dimension  Gap dimension  Feeler gauge  15 Disassemble front bumper (1)  Disassemble front bumper (1)  Calibrate front 360° camera using the diagnostic system  AD00.00-P-2000-04A  Switch on ignition, engage reverse gear and release parking brake  Disassemble front gentless and front parking dassist with  AR91.60-P-0950EWN  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: Screw in bolts (9) only after adjustment work.  I Installation: Check gap dimensions on front bumper (1).  AR88.20-P-1000-01A  AR88.20-P-1000-01A  AR88.20-P-2001EWN  AR88.20-P-2001EWN  AR88.20-P-2050EWN  AR88.20-	•	Trottes on pedestrian protestion seriosi	↓	71101.001 0001 017
Wiring harness and front bumper (X2638)			Replace pedestrian protection sensor (7)	AR91.60-P-0950EWM
Remove bolt (8)   Installation: Screw in bolts (8) only to stop because it may be necessary to check and adjust the gap dimensions after bumper (1) installation.	9			
because it may be necessary to check and adjust the gap dimensions after bumper (1) installation.  Remove screw/bolts (9)  Push catch hooks (10) downward and toward [1] Installation: Screw in bolts (9) only after adjustment work.  Remove front bumper (1)  General information on the impact absorber  Installation: Check gap dimensions on front bumper (1).  In the event of complaints  Adjust front bumper (1)  Gap dimension  Gap dimension  Tepeler gauge  15  Disassemble front bumper (1)  Only when replacing front bumper (1).  AR88.20-P-2001EWN AR60.00-P-0700-01E*  BE60.00-P-1006-01L*  129589032100  Only when replacing front bumper (1).  AR88.20-P-2050EWN				
AR88.20-P-2001EWN AR88.20-P-2001EWN AR60.00-P-0700-01E  Disassemble front bumper (1)  Disassemble front bumper (1)  Calibrate front bumper (1)  Calibrate front 360° camera using the diagnostic system  AD00.00-P-2000-04A  Check  Switch on ignition, engage reverse gear and release parking brake  ARemove front bumyard and toward  Installation: Check gap dimensions on front bumper (1).  AR88.20-P-2001EWN AR88	11	Remove bolt (8)	because it may be necessary to check and adjust the gap dimensions after bumper (1)	
front  14 Remove front bumper (1) General information on the impact absorber  1 Installation: Check gap dimensions on front bumper (1). In the event of complaints  Adjust front bumper (1) AR88.20-P-2001EWN AR60.00-P-0700-01E  BE60.00-P-1006-01L  Teeler gauge  15 Disassemble front bumper (1) Only when replacing front bumper (1).  AR88.20-P-201EWN AR60.00-P-0700-01E  BE60.00-P-1006-01L  Teeler gauge  129589032100  Only when replacing front bumper (1).  AR88.20-P-2050EWN  Model 212 as of model year 2014 with code 501 (360° camera)  AD00.00-P-2000-04A  Check  Switch on ignition, engage reverse gear and release parking brake  Model 212 as of model year 2014 with code 235 (Active Parking Assist with	12	Remove screw/bolts (9)		
Remove front bumper (1) General information on the impact absorber    Installation: Check gap dimensions on front bumper (1). In the event of complaints   Adjust front bumper (1)   Adjust front bumper (1)   AR88.20-P-2001EWN AR60.00-P-0700-01E   BE60.00-P-0700-01E   BE60.00-P-1006-01L   129589032100   15   Disassemble front bumper (1)   Only when replacing front bumper (1).   AR88.20-P-2050EWN   AR88.20-P-2050EWN   AR88.20-P-2050EWN     AR88.20-P-2050EWN	13			
AR88.20-P-2001EWN AR60.00-P-0700-01E*  Gap dimension  Feeler gauge  15  Disassemble front bumper (1)  Only when replacing front bumper (1).  AR88.20-P-2050EWN  Install in the reverse order  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  Switch on ignition, engage reverse gear and release parking brake  Model 212 as of model year 2014 with code 235 (Active Parking Assist with			front bumper (1). In the event of complaints	AH88.20-P-1000-01A
Disassemble front bumper (1)  Only when replacing front bumper (1).  AR88.20-P-2050EWN  Install in the reverse order  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  Switch on ignition, engage reverse gear and release parking brake  Model 212 as of model year 2014 with code 235 (Active Parking Assist with			Gap dimension	AR88.20-P-2001EWM AR60.00-P-0700-01EW *BE60.00-P-1006-01U *129589032100
Install in the reverse order  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  Switch on ignition, engage reverse gear and release parking brake  Model 212 as of model year 2014 with code 235 (Active Parking Assist with	15	Disassemble front bumper (1)		AR88.20-P-2050EWM
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  Switch on ignition, engage reverse gear and release parking brake  Model 212 as of model year 2014 with code 235 (Active Parking Assist with	16	Install in the reverse order		
AD00.00-P-2000-04A  Check  Switch on ignition, engage reverse gear and release parking brake  Model 212 as of model year 2014 with code 235 (Active Parking Assist with		Calibrate front 360° camera using the	as of model year 2014	
Switch on ignition, engage reverse gear and release parking brake  Model 212 as of model year 2014 with code 235 (Active Parking Assist with	<b>⊯</b> AD		,	AD00.00-P-2000-04A
release parking brake as of model year 2014 with code 235 (Active Parking Assist with	<b>4</b>	Check		
© Daimler AG, 2/7/22, L/01/17, ar88.20-p-2000ewm, Remove/install front bumper Page 2		release parking brake	as of model year 2014	Page 2 of 3

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-0700-0	01E AR60.00-P-0700-01 EW



Feeler gauge