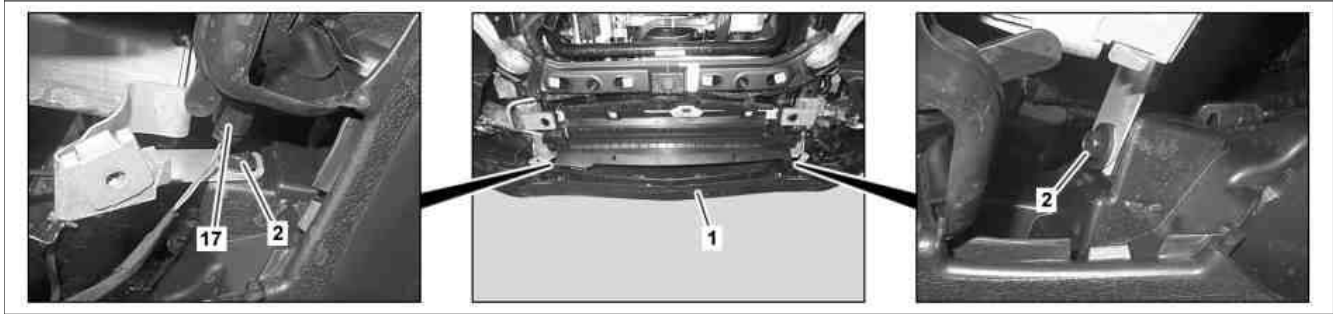


Model 205
 Model 253
 Model 293

Modification notes

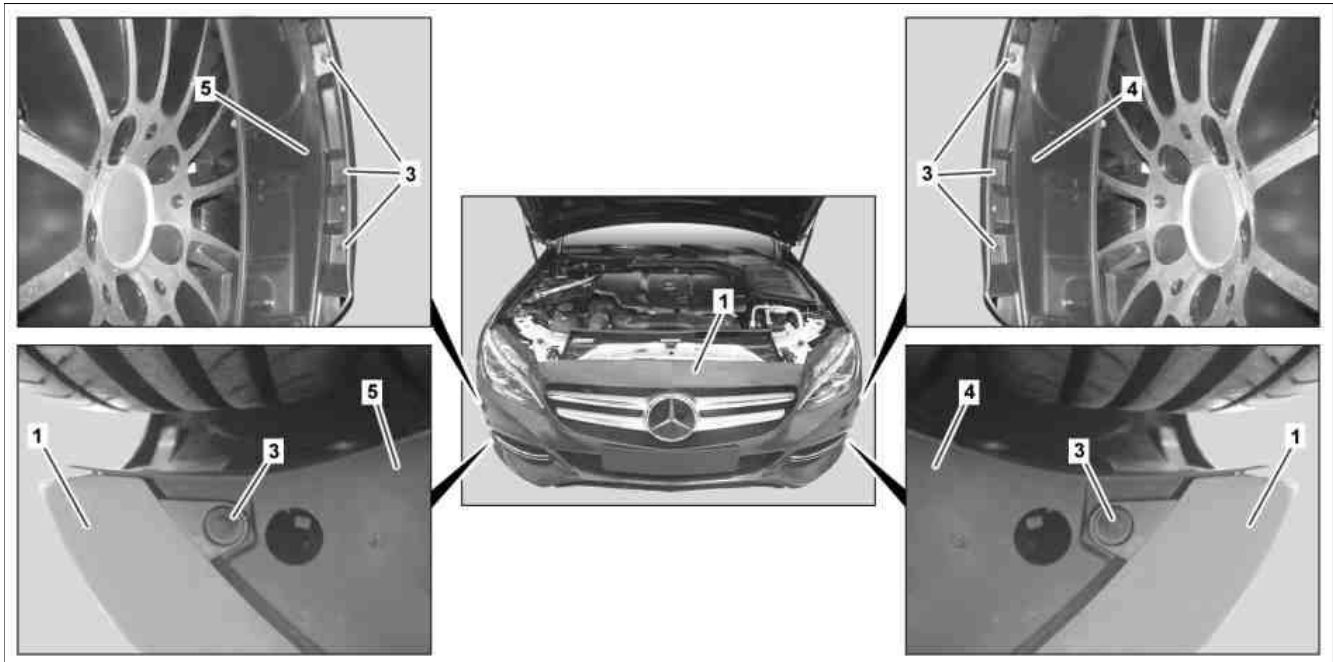
| | | | |
|------------|-----------------------|------------------|--|
| 22.03.2018 | Special tool changed. | Operation step 8 | |
|------------|-----------------------|------------------|--|



P88.20-4194-07

Shown on model 205 with code P76 (Standard equipment, Exterior)

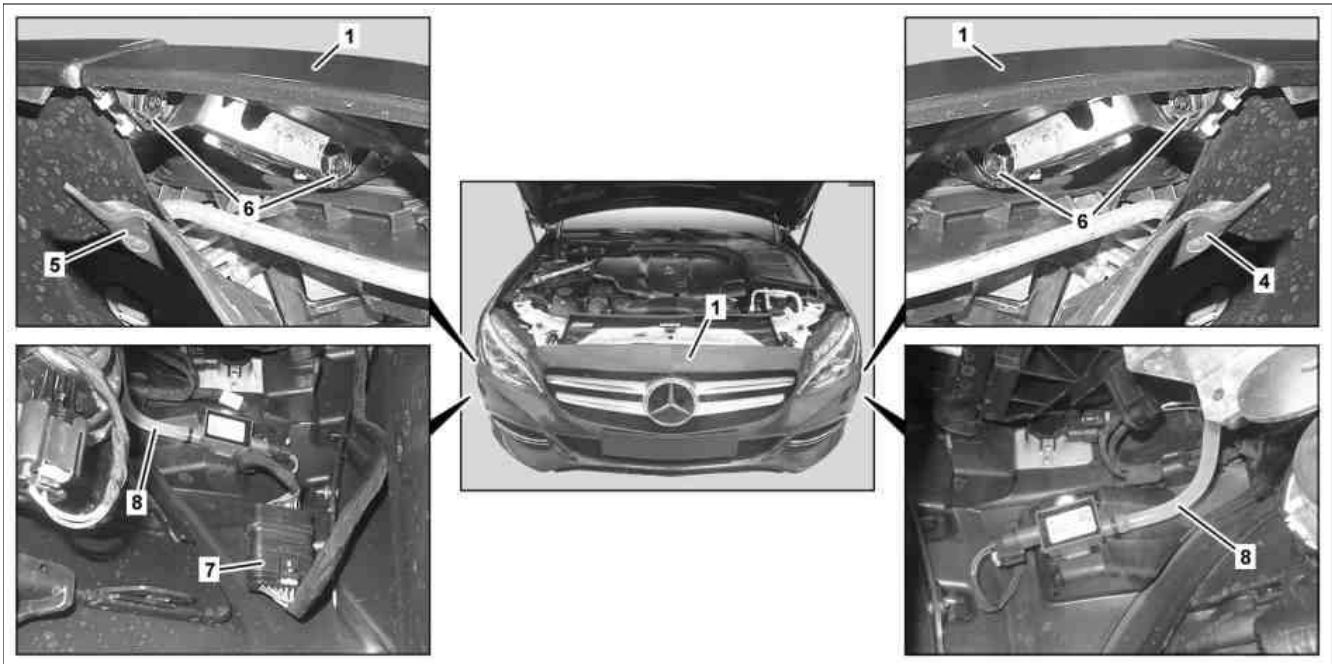
- 1 Bumper
 2 Screw
 17 Outside temperature sensor



P88.20-4195-09

Shown on model 205 with code P76 (Standard equipment, Exterior)

- 1 Bumper
 3 Expansion rivet
 4 Left front to liner
 5 Right front to liner



P88.20-4196-09

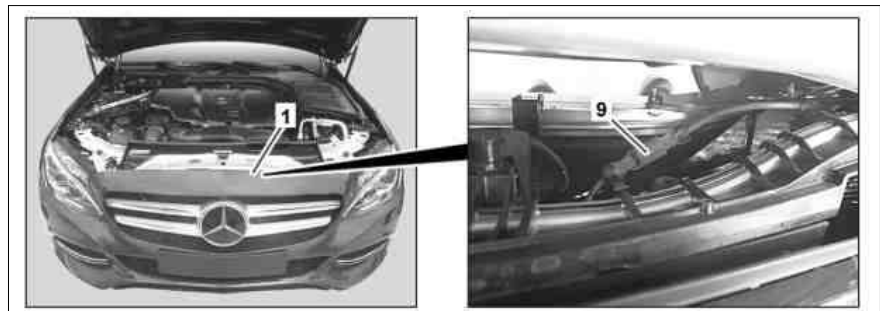
Shown on model 205 with code P76 (Standard equipment Exterior) and with code U60 (Active hood (Pedestrian protection))

- 1 Bumper
- 4 Left front to liner
- 5 Right front to liner

- 6 Bolts
- 7 Electrical connector
- 8 Pedestrian protection sensor

Shown on model 205 with code 501 (360° camera)

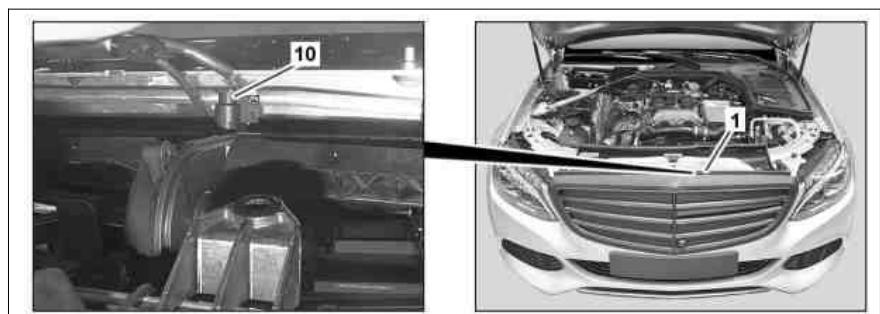
- 1 Bumper
- 9 Electrical connector



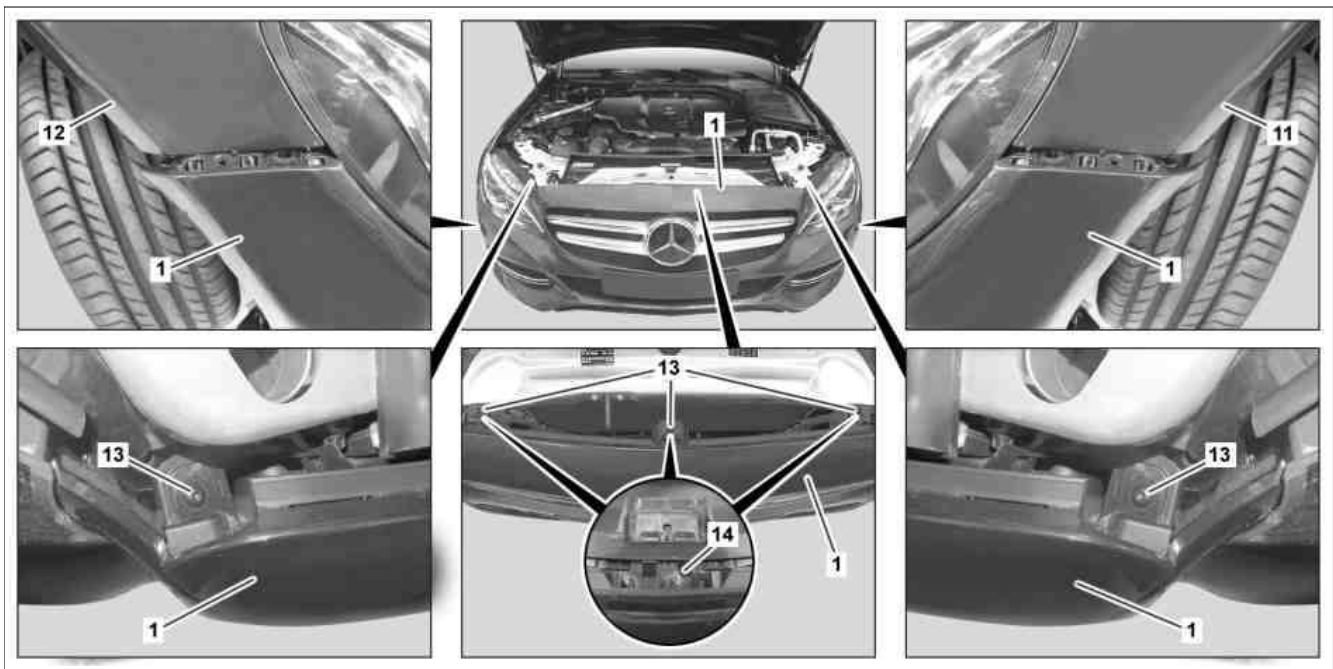
P88.20-4198-04

Shown on model 205 with code 5U3 (AIRPANEL)

- 1 Bumper
- 10 Electrical connector



P88.20-4207-04



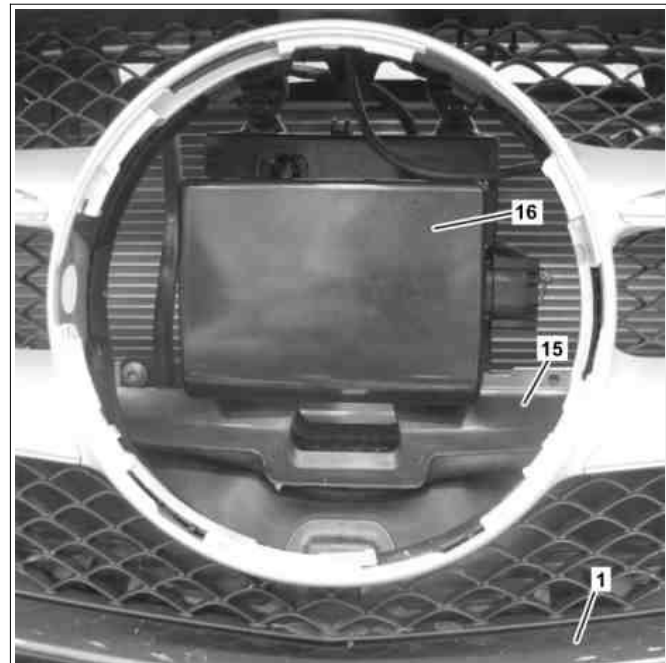
P88.20-4197-09

Shown on model 205 with code P76 (Standard equipment, Exterieur)

- | | | | |
|----|----------------|----|-------|
| 1 | Bumper | 13 | Bolts |
| 11 | Left front to | 14 | Catch |
| 12 | Right front to | | |

Shown on model 205 with code 233 (DISTRONIC PLUS)





- | | |
|----|--------------|
| 1 | Bumper |
| 15 | Air duct |
| 16 | Radar sensor |



P88.20-4208-12

| | | | |
|------------------|---|--|---------------------------|
| <p>⚠ Warning</p> | <p>Risk of injury caused by fingers being jammed or pinched when removing, installing or aligning hoods, doors, trunk lid/rear-end door or sliding roof.</p> | <p>No parts of the body or limbs should be within the operating area when the components are moving.</p> | <p>AS00.00-Z-0011-01A</p> |
|------------------|---|--|---------------------------|

| | | | |
|-----|--|---|---|
| | Information on preventing damage to electronic components due to electrostatic discharge | | AH54.00-P-0001-01A |
| | Remove/install | | |
| 1 | Open hood. | | |
| 2 | Disconnect ground line from battery. | Model 293 with code U60 (Active Bonnet (Pedestrian protection)) Model 205 with code U60 (Active Bonnet (Pedestrian protection)) Model 253 with code U60 (Active Bonnet (Pedestrian protection)) | AR54.10-P-0003EQ AR54.10-P-0003LW |
| 3 | Mask off left front fender (11), right front fender (12) and lamp units in area of bumper (1) using suitable tape. | | |
| 4 | Remove Mercedes star. | Model 205 with code 233 (DISTRONIC PLUS) Model 205 with code 239 (Active Distance Assist DISTRONIC) | AR88.40-P-4050LW |
| 5.1 | Remove front engine compartment lining and center engine compartment lining. | Model 205 | AR61.20-P-1105LW |
| 5.2 | Detach front engine compartment lining in area of bumper (1). | Model 253 Model 293 Model 293 Model 253 | AR61.20-P-1105EQ AR61.20-P-1105LW |
| 6 | Remove outside temperature sensor (17). | Model 205 | |
| 7 | Unscrew bolts (2). | Model 205 | |
| 8 | Remove expansion rivets (3) from left front fender liner (4) and right front fender liner (5). | Dismantling tool | *000589956300 |
| 9 | Press left front fender liner (4) and right front fender liner (5) to side and remove screws (6). | Long wedge | *115589035900 |
| 10 | Detach protective strips in area of bumper (1) on right and left. | Carefully detach protective strips. Otherwise, the protective strips can be damaged. | |
| 11 | Disengage bumper (1) from left front fender (11) and right front fender (12). | | |
| 12 | Detach electrical connector (7). | | |
| 13 | Detach electrical connection (9). | Model 205, 253, 293 with code 501 (360° camera) | |
| 14 | Disconnect electrical connector (10). | Model 205, 253 with code 5U3 (AIRPANEL) | |
| 15 | Remove screws from left lamp unit and right lamp unit. | Model 253 Model 293 Installation: Observe gaps. Model 293Radiator grille to headlamp at side Model 253.1/9 Model 253.3Bumper to headlamp, side Feeler gauge | *BE60.00-P-1004-01OA *BE60.00-P-1005-01FA *129589032100 |
| 16 | Remove bolts (13). | Model 205.064/086/087/088/089/264/286/287/288/289 /364/386/387/388/389/464/486/487/489 Remove five screws (13). Model 253 Remove three retaining clips instead of the three screws (13) in the center. | |
| 17 | Release bumper (1) from arrests (14). | Model 205 Installation: Observe gaps. Engine hood to radiator trim/soft nose Protrusion of radiator trim/soft nose, engine hood Feeler gauge | *BE60.00-P-1003-01BB *BE60.00-P-1004-01BB *129589032100 |

| | | | |
|---|---|--|--|
| 18 | Remove bumper (1). | <p> Installation: Model 205, 253, 293 with code 233 (DISTRONIC PLUS) Model 205, 253, 293 with code 239 (Active Distance Assist DISTRONIC) Ensure that the air deflector (15) is located below the radar sensor (16). Otherwise the driver assistance system can fail.</p> <p> Model 205 Installation: Observe gap dimension. Model 205 Engine hood to bumper</p> <p> Feeler gauge</p> | <p>*BE60.00-P-1005-01BB *129589032100</p> |
|  | Check | | |
| 19 | Check impact absorber for damage. General information on the impact absorber | <p>If damage is present, ↓ Replace impact absorber.</p> | AH88.20-P-1000-01A |
| 20 | Check pedestrian protection sensor (8) for any type of damage. Notes on pedestrian protection sensor | <p>Model 205, 253, 293 with code U60 (Active Bonnet (Pedestrian protection)) Model 205, 253 with code U60 (Active Bonnet (Pedestrian protection)) If damage is present, ↓ Replace pedestrian protection sensor (8). Model 205 with code U60 (Active Bonnet (Pedestrian protection)) Model 253 with code U60 (Active Bonnet (Pedestrian protection))</p> | <p>AH91.60-P-0001-01A AR91.60-P-0950LW</p> |
| 21 | Install in the reverse order. | | |
| | Calibrate | | |
| 22 | Calibrate 360° camera with diagnosis system. | <p>Model 293 with code 501 (360° camera) Model 205 with code 501 (360° camera) Model 253 with code 501 (360° camera)</p> | <p>AD00.00-P-2000-06FR AD00.00-P-2000-04B</p> |

Check values for gap dimensions

| Number | Designation | Model 205.0/1 | Model 205.2 |
|---------------------|--|------------------|-------------------------|
| BE60.00-P-1003-01BB | Engine hood to radiator trim/soft nose | Dimension "C" mm | 3,5 (±1) |
| | | For picture, see | AR60.00-P-0700-01L W |

Check values for gap dimensions

| Number | Designation | Model 205.3 | Model 205.4 |
|---------------------|--|------------------|-------------------------|
| BE60.00-P-1003-01BB | Engine hood to radiator trim/soft nose | Dimension "C" mm | 3,5 (±1) |
| | | For picture, see | AR60.00-P-0700-01L W |

Check values for gap dimensions

| Number | Designation | Model 205.0/1 | Model 205.2 |
|---------------------|--|------------------|-------------------------|
| BE60.00-P-1004-01BB | Protrusion of radiator trim/soft nose, engine hood | Dimension "C" mm | 1 (±1) |
| | | For picture, see | AR60.00-P-0700-01L W |

Check values for gap dimensions

| Number | Designation | Model 205.3 | Model 205.4 |
|---------------------|--|-----------------------------------|-----------------------------------|
| BE60.00-P-1004-01BB | Protrusion of radiator trim/soft nose, engine hood Dimension "C" mm For picture, see | 1 (±1) AR60.00-P-0700-01L W | 1 (±1) AR60.00-P-0700-01L W |

Gap dimensions

| Number | Designation | Model 293 |
|---------------------|--|-----------------|
| BE60.00-P-1004-01OA | Radiator grille to headlamp at side Dimension "B3" mm For picture, see | 2,5 (±1,5) - |

Check values for gap dimensions

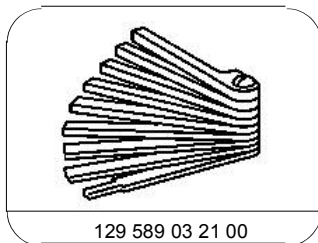
| Number | Designation | Model 205.0/1 | Model 205.2 |
|---------------------|---|-----------------------------------|-----------------------------------|
| BE60.00-P-1005-01BB | Engine hood to bumper Dimension "D" mm For picture, see | 4 (±1) AR60.00-P-0700-01L W | 4 (±1) AR60.00-P-0700-01L W |

Check values for gap dimensions

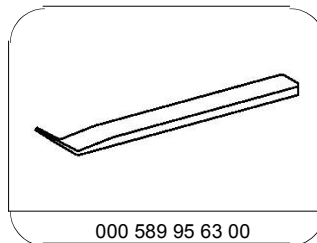
| Number | Designation | Model 205.3 | Model 205.4 |
|---------------------|---|-----------------------------------|-----------------------------------|
| BE60.00-P-1005-01BB | Engine hood to bumper Dimension "D" mm For picture, see | 4 (±1) AR60.00-P-0700-01L W | 4 (±1) AR60.00-P-0700-01L W |

Test and adjustment values for gap dimensions

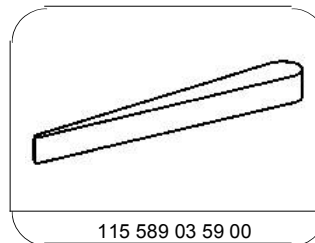
| Number | Designation | Model 253.3 | Model 253.1/9 |
|---------------------|---|---------------------------------------|---------------------------------------|
| BE60.00-P-1005-01FA | Bumper to headlamp, side Dimension "E2" mm For picture, see | 2,5 (±1,5) AR60.00-P-0700-01L W | 2,5 (±1,5) AR60.00-P-0700-01L W |



Feeler gauge



Dismantling tool



Long wedge