

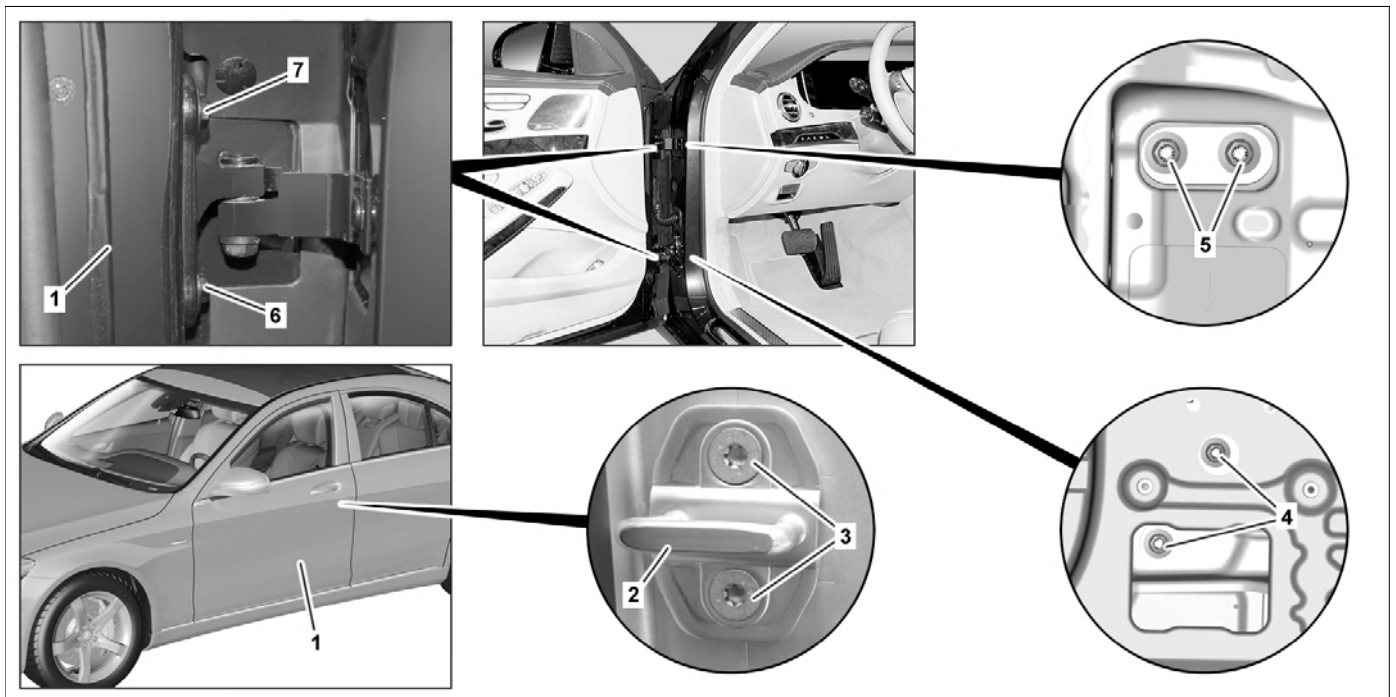
Model 217

Model 222

except code Z07 (B7 armoring on special protection version)

Modification notes

13.08.2015	Vordertür zu Kotflügel	Typ 217.3	BE60.00-P-1004-01DA
24.08.2015	"Calibrate 360° camera on left outside mirror or 360° on right outside mirror with diagnostic system" added.	Operation step 21	









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












Shown on model 222

- 1 Front door
- 2 locking eye
- 3 Bolts
- 4 Nuts

- 5 Nuts
- 6 Screw
- 7 Screw

Warning	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.	No parts of the body or limbs should be within the operating area when the components are moving.	AS00.00-Z-0011-01A
	Check		
1	Check gap dimensions on front door (1) all the way round	<p>Model 217</p> <p>Model 222 except code Z07 (B7 armoring on special protection version)</p> <p></p> <p>Always perform adjustment work on uneven gaps on corresponding upper and lower hinge leaves. Otherwise tension and damage can occur.</p> <p>Model 217.3Front door to fender Model 217.3Front door to sidewall Model 217.3Longitudinal member panel to front door Model 217.3Front door window to rear side window</p>	<p>AR60.00-P-0700-01LC</p> <p>AR60.00-P-0700-01LF</p> <p>*BE60.00-P-1004-01DA *BE60.00-P-1005-01DA *BE60.00-P-1006-01DA *BE60.00-P-1016-01DA</p>

		<p>Model 222 except code Z07 (B7 armoring on special protection version)Front/rear door to roof paneling, side</p> <p>Model 222 except code Z07 (B7 armoring on special protection version)Front door to fender</p> <p>Model 222 except code Z07 (B7 armoring on special protection version)Front door to rear door</p> <p>Model 222 except code Z07 (B7 armoring on special protection version)Front door cover to rear door cover</p> <p> Feeler gauge</p>	<p>*BE60.00-P-1009-01BA</p> <p>*BE60.00-P-1010-01BA</p> <p>*BE60.00-P-1011-01BA</p> <p>*BE60.00-P-1013-01BA</p> <p>*129589032100</p>
2	Check transition between front fender and front door (1)	 The contour of the front fender must align with the contour of the front door (1) or project by a maximum of 1 mm.	
3	Check transition between front door (1) and rear door	 The contour of the front door (1) must align with the contour of the rear door or project by a maximum of 1 mm.	
	Adjust		
4	Open front door (1)		
5	Mark position of lock striker (2)	 Markings are present on the B-pillar serving for positioning and precise adjustment of the locking eye (2) in the horizontal and vertical planes. The self-made marking facilitates assembly of the lock striker (2).	
6	Unscrew bolts (3) and remove locking eye (2)		
7	Expose nuts (4) and nuts (5) on door hinge leaves in vehicle interior	<p>When performing adjustment work on hinges halves on A-pillar.</p> <p>Model 217 Driver side</p> <p>Model 222 except code Z07 (B7 armoring on special protection version)Driver side</p> <p>Model 222 except code Z07 (B7 armoring on special protection version)Passenger side</p> <p>Model 217Passenger side</p>	<p>AR72.10-P-2660LF</p> <p>AR72.10-P-2660LFA</p> <p>AR72.10-P-2660LC</p>
8	Alternately loosen nuts (4) and nuts (5) until front door (1) can be moved	<p>When performing adjustment work on hinges halves on A-pillar.</p> <p> During adjustment ensure that only nuts (4) or nuts (5) are loosened. Otherwise the front door (1) comes into contact with other components and the paint can be damaged.</p>	
9	Adjust gap dimensions by moving front door (1)	<p>When performing adjustment work on hinges halves on A-pillar.</p> <p>Model 217</p> <p>Model 222 except code Z07 (B7 armoring on special protection version)</p> <p> Carefully move front door (1). Otherwise the front door (1) comes into contact with other components and the paint can be damaged.</p> <p>Model 217.3Longitudinal member panel to front door</p> <p>Model 217.3Front door window to rear side window</p> <p>Model 217.3Front door to sidewall</p> <p>Model 217.3Front door to fender</p> <p>Model 222 except code Z07 (B7 armoring on special protection version)Front/rear door to roof paneling, side</p> <p>Model 222 except code Z07 (B7 armoring on special protection version)Front door to fender</p> <p>Model 222 except code Z07 (B7 armoring on special protection version)Front door to rear door</p>	<p>AR60.00-P-0700-01LC</p> <p>AR60.00-P-0700-01LF</p> <p>*BE60.00-P-1006-01DA</p> <p>*BE60.00-P-1016-01DA</p> <p>*BE60.00-P-1005-01DA</p> <p>*BE60.00-P-1004-01DA</p> <p>*BE60.00-P-1009-01BA</p> <p>*BE60.00-P-1010-01BA</p> <p>*BE60.00-P-1011-01BA</p>

		Model 222 except code Z07 (B7 armoring on special protection version)Front door cover to rear door cover  Feeler gauge	*BE60.00-P-1013-01BA *129589032100
10	Tighten nuts (4) and nuts (5)	When performing adjustment work on hinges halves on A-pillar.  Model 217Nut, hinge to A-pillar  Model 222 except code Z07 (B7 armoring on special protection version)Nut, hinge to A-pillar	*BA72.10-P-1002-01X *BA72.10-P-1002-01V
11	Alternately loosen bolts (6, 7) at upper and lower hinge leaves on front door (1) until front door (1) can be moved	When performing adjustment on hinge leaves on front door (1).  During adjustment ensure that the bolts (6, 7) are loosened only on one hinge leaf. Otherwise the front door (1) comes into contact with other components and the paint can be damaged.	
12	By moving front door (1), adjust transition between front fender to front door (1) and adjust door position in vertical direction	When performing adjustment on hinge leaves on front door (1).  The contour of the front fender must align with the contour of the front door (1) or project by a maximum of 1 mm.	
13	Tighten bolts (6, 7) on hinge leaves on front door (1)	When performing adjustment on hinge leaves on front door (1).  Model 217Bolt, hinge to doors  Model 222 except code Z07 (B7 armoring on special protection version)Bolt, hinge to front door	*BA72.10-P-1001-01X *BA72.10-P-1001-01V
14	Position lock striker (2) on B-pillar and screw in bolts (3) to stop	 Observe marking. It should still be possible to adjust the lock striker (2).	
15	Adjust transition between front door (1) and rear door by moving locking eye (2)	 The contour of the front door (1) must align with the contour of the rear door or project by a maximum of 1 mm.	
16	Tighten bolts (3) for lock striker (2)	 Model 217Bolt, lock striker to B-pillar  Model 222 except code Z07 (B7 armoring on special protection version)Bolt, lock striker to B-pillar	*BA72.10-P-1005-01X *BA72.10-P-1004-01V
17	Install components which are removed in the vehicle interior to expose nuts (4, 5)	When performing adjustment work on hinges halves on A-pillar. Model 217 Driver sideModel 222 except code Z07 (B7 armoring on special protection version)Driver side Model 222 except code Z07 (B7 armoring on special protection version)Passenger side Model 217Passenger side	AR72.10-P-2660LF AR72.10-P-2660LFA AR72.10-P-2660LC
18	Repair paint damage on bolt heads (6, 7) with touch-up paint pen	When performing adjustment on hinge leaves on front door (1).	
19	Protect front door (1) or A-pillar against corrosion in area of both hinges	Wax for engine compartment (400 ml spray can)	*BR00.45-Z-1018-05A
20	Close front door (1)		
	Calibrate		
21.1	Calibrate 360° camera on left outside mirror or 360° on right outside mirror with diagnostic system	Model 217 with code 501 (360° camera) Model 222 with code 501 (360° camera) except code Z07 (B7 armoring on special protection version) If the front door (1) has been adjusted on driver and passenger side.	AD00.00-P-2000-04B
			
21.2	Calibrate all the cameras for the 360° camera system using the diagnostic system	Model 217 with code 501 (360° camera) Model 222 with code 501 (360° camera) except code Z07 (B7 armoring on special protection version) If the front door (1) has been adjusted on driver and passenger side.	AD00.00-P-2000-04B
			

Check values for gap dimensions

Number	Designation	Dimension	Unit	Model 217.3
BE60.00-P-1004-01DA	Front door to fender	Dimension "F4"	mm	4,0 (± 1,0)
		For picture, see		AR60.00-P-0700-01 LC

Check values for gap dimensions

Number	Designation	Dimension	Unit	Model 217.3
BE60.00-P-1005-01DA	Front door to sidewall	Dimension "F6"	mm	3,5 (± 1,0)
		For picture, see		AR60.00-P-0700-01 LC

Check values for gap dimensions

Number	Designation	Dimension	Unit	Model 217.3
BE60.00-P-1006-01DA	Longitudinal member panel to front door	Dimension "F7"	mm	5,0 (± 1,0)
		For picture, see		AR60.00-P-0700-01 LC

Check values for gap dimensions

Number	Designation	Dimension	Unit	Model 222
BE60.00-P-1009-01BA	Front/rear door to roof paneling, side	Dimension "F"	mm	4,5 (± 1)
		For picture, see		AR60.00-P-0700-01 LF

Check values for gap dimensions

Number	Designation	Dimension	Unit	Model 222
BE60.00-P-1010-01BA	Front door to fender	Dimension "G"	mm	4 (± 0,5)
		For picture, see		AR60.00-P-0700-01 LF

Check values for gap dimensions

Number	Designation	Dimension	Unit	Model 222
BE60.00-P-1011-01BA	Front door to rear door	Dimension "H"	mm	4,5 (± 0,5)
		For picture, see		AR60.00-P-0700-01 LF

Check values for gap dimensions

Number	Designation	Dimension	Unit	Model 222
BE60.00-P-1013-01BA	Front door cover to rear door cover	Dimension "J"	mm	4 (± 0,5)
		For picture, see		AR60.00-P-0700-01 LF

Check values for gap dimensions

Number	Designation	Dimension	Unit	Model 217.3
BE60.00-P-1016-01DA	Front door window to rear side window	Dimension "F57"	mm	7,5 (± 1,0)
		For picture, see		AR60.00-P-0700-01 LC

 Front door

Number	Designation	Unit	MODEL 222 except CODE Z07
BA72.10-P-1001-01V	Bolt, hinge to front door	Nm	35

 Front door

Number	Designation	Model 217
BA72.10-P-1001-01X	Bolt, hinge to doors	Nm 35

 Front door

Number	Designation	MODEL 222 except CODE Z07
BA72.10-P-1002-01V	Nut, hinge to A-pillar	Nm 35

 Front door

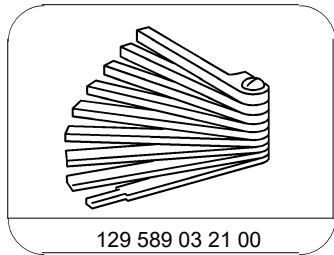
Number	Designation	Model 217
BA72.10-P-1002-01X	Nut, hinge to A-pillar	Nm 35

 Front door

Number	Designation	MODEL 222 except CODE Z07
BA72.10-P-1004-01V	Bolt, lock striker to B-pillar	Nm 24

 Front door

Number	Designation	Model 217
BA72.10-P-1005-01X	Bolt, lock striker to B-pillar	Nm 24



129 589 03 21 00

Feeler gauge

Repair materials

Number	Designation	Order number
BR00.45-Z-1018-05A	Wax for engine compartment (400 ml spray can)	A 000 986 33 70 10