

41 14 Reinforcement plate

Tightening Torques

	Type	Thread	Tightening specifications	Torque
1AZ Cap nut to reinforcement plate	All	M5		6 Nm

4100 Overview of Technical Data

Gap dimension bonnet to bumper panel

1 bonnet; 2 bumper panel

RB41 05761

a

3,6 (2,4 - 4,8) mm

b

1,0 (-0,1 - 2,1) mm

Gap dimension bonnet to front side panel

1 bonnet; 2 bumper panel

RB41 05763

a

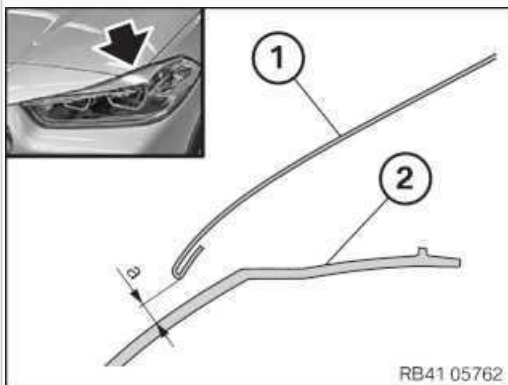
3,3 (2,2 - 4,4) mm

b

0 (-1,6 - 1,6) mm

Gap dimension bonnet to headlight

1 bonnet; 2 headlight

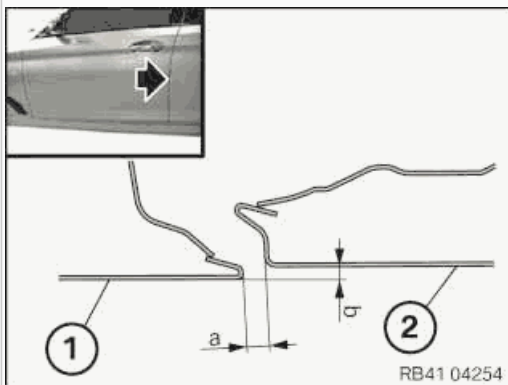


a

5,3 (3,8 - 6,8) mm

Gap dimension front door to rear door

1 front door; 2 rear door



a

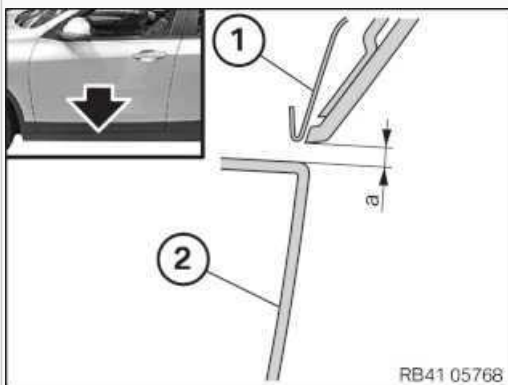
4,5 (3,6 - 5,4) mm

b

0 (-0,4 - 1,0) mm

Gap dimension front door to side sill trim panel

1 front door; 2 side sill trim panel

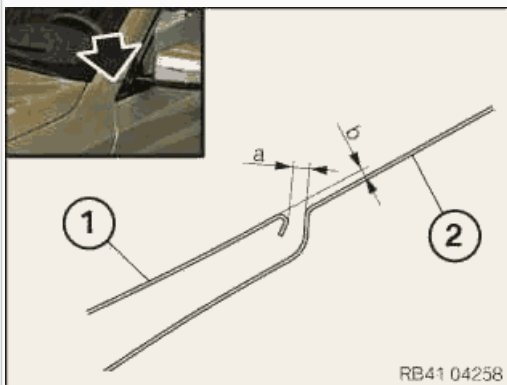


a

4,4 (2,9 - 5,9) mm

Gap dimension front side panel to A-pillar

1 front side panel; 2 A-pillar



a

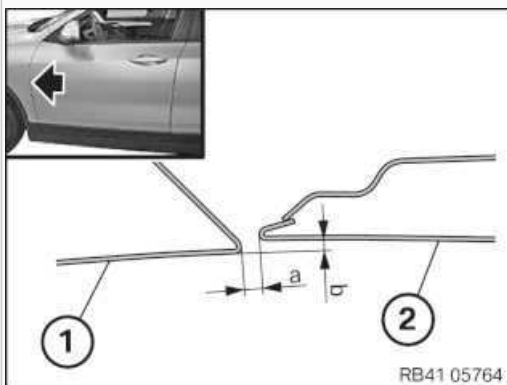
2,7 (1,6 - 3,8) mm

b

0,5 (-0,6 - 1,6) mm

Gap dimension front side panel to front door

1 Front side panel; 2 front door



a

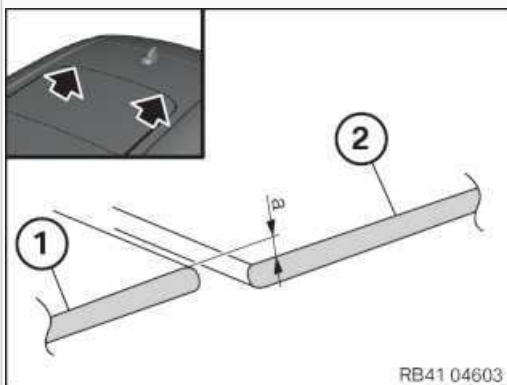
4,2 (3,4 - 5,0) mm

b

0,5 (-0,2 - 1,4) mm

Gap dimension glass slide/tilt sunroof panel, rear, to roof outer skin

1 Glass slide/tilt roof panel, rear; 2 roof outer skin

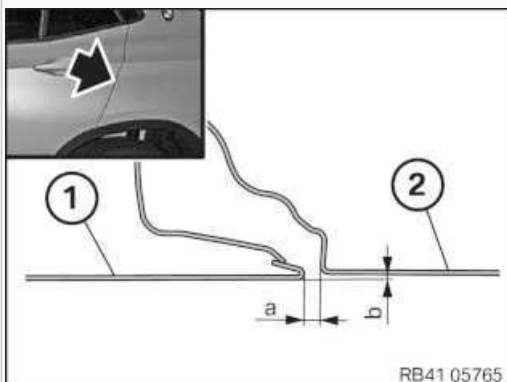


a

0,6 (-0,15 - 1,35) mm

Gap dimension rear door to rear side panel

1 rear door; 2 rear side panel



a

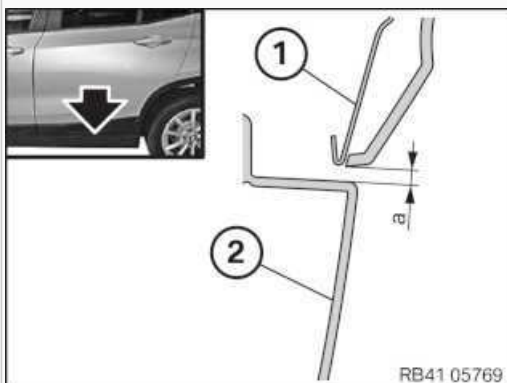
4,2 (3,3 - 5,1) mm

b

0 (-0,4 - 1,0) mm

Gap dimension rear door to side sill trim panel

1 Rear door; 2 Side sill trim panel

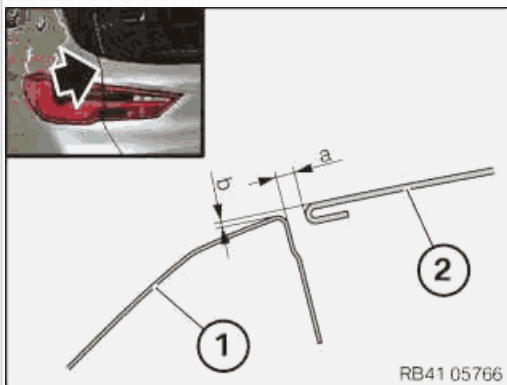


a

4,1 (2,6 - 5,6) mm

Gap dimension rear side panel to tailgate

1 rear side panel; 2 tailgate



a

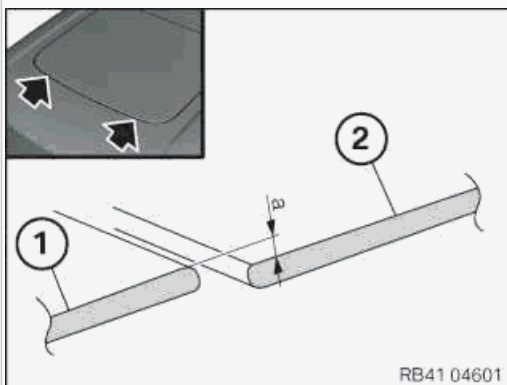
4,2 (3,0 - 5,5) mm

b

-1 (-2 - 0) mm

Gap dimension roof outer skin to glass slide/tilt roof panel, front

1 Roof outer skin; 2 Glass slide/tilt roof panel, front

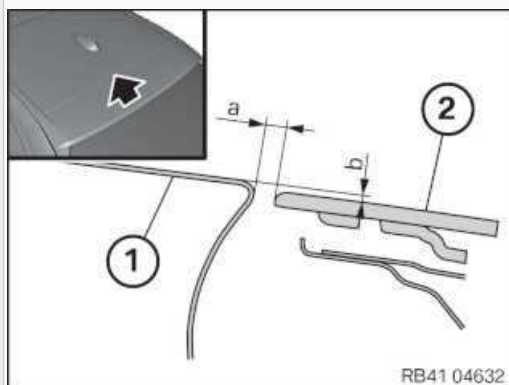


a

0,6 (-0,2 - 1,4) mm

Gap dimension roof outer skin to rear spoiler

1 Roof outer skin; 2 rear spoiler



a

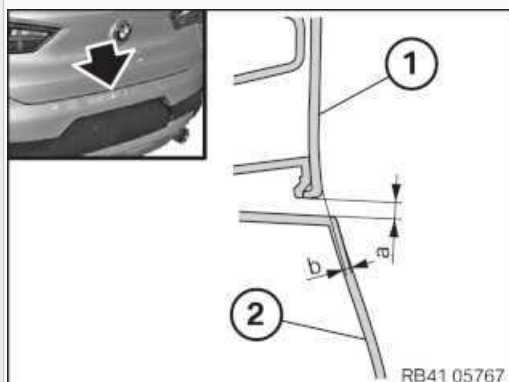
5,5 (4,1 - 6,9) mm

b

1,5 (-0,3 - 3,3) mm

Gap dimension tailgate to rear bumper panel

1 tailgate; 2 rear bumper panel



a

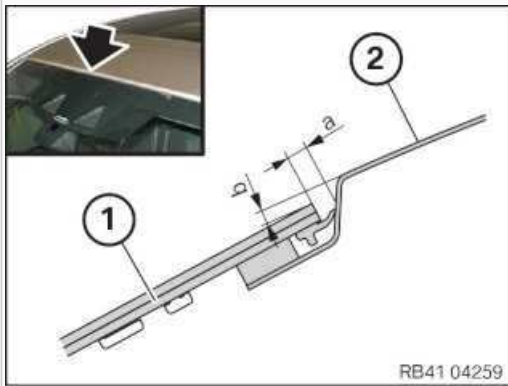
5,5 (3,9 - 7,1) mm

b

1,0 (-1,1 - 2,8) mm

Gap dimension windscreen to roof outer skin

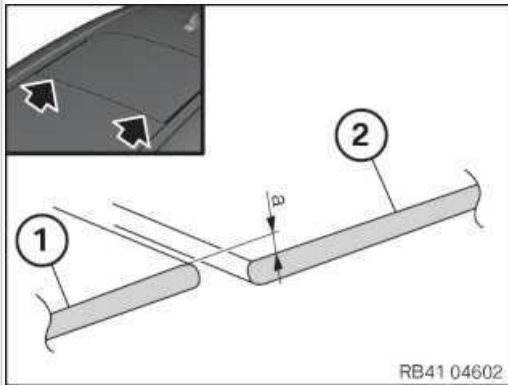
1 windscreen; 2 roof outer skin



a	
	4,3 (3,1 - 5,5) mm
b	
	3,1 (1,9 - 4,3) mm

Tap dimension glass slide/tilt roof panel front to rear

1 Glass slide/tilt roof panel, front; 2 glass slide/tilt roof panel, rear



a	
	0,7 (-0,2 - 1,60) mm

4133 Overview of tightening torques

Cross connection on support for cross connection		
M6x20	Tightening torque	12Nm
Cross connection to carrier support		
Screws M6x20	Tightening torque	11,8Nm

41 14 Reinforcement plate

Tightening Torques

	Type	Thread	Tightening specifications	Torque
1AZ Cap nut to reinforcement plate	All	M5		6 Nm

4135 Overview of tightening torques

Carrier support extension to carrier support		
M8 screw	Tightening torque	19Nm
Carrier support extension to cross support		
Screw M6	Tightening torque	8Nm
Cross support to wheel arch		
M8 screw	Tightening torque	8Nm
Front side panel to holder for front side panel		
Screw M6	Tightening torque	8Nm
Holder to A-pillar		
M8 screw	Tightening torque	8Nm

4151 Overview of tightening torques

Adapter to door		
Oval-head screw		2,0Nm
Tightening torque		
Front door to door hinge		
Screw	Tightening torque	40Nm
Retaining bracket to door		
Screw		8,8Nm
Tightening torque		
Screw connection, hinge parts		
Screw	Tightening torque	27Nm

4152 Overview of tightening torques

Crash pad to door

Oval-head screw

Tightening torque

3Nm

Rear door to door hinge

Screw

Tightening torque

40Nm

4161 Overview of tightening torques

Bonnet actuator to bonnet hinge		
Bolt M6x8.8	Tightening torque	6,8Nm
Engine compartment lid		
Nut M8	Tightening torque	19Nm
Engine compartment lid hinge to body		
Hexagon screw M8 Renew screw.	Tightening torque	19Nm
Striker console to bonnet		
Screw	Tightening torque	8Nm

4162 Overview of tightening torques

Limit position to tailgate		
M8 screw Tightening torque		28Nm
Ball pinM8 Tightening torque		28Nm
Tailgate hinge to body		
Nut	Tightening torque	56Nm
Tailgate to hinge		
Hexagon screw M8 Tightening torque		28Nm

41 operating fluid overview

Adhesive

Body adhesive K1	195 ml	83190413015
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Adhesive

Body adhesive K2	2x290 ml	83192355849
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Expendable materials

Cavity preservation	1000 ml	83422457338
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Expendable materials

Thin-wall threaded insert M6		41002288195
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Expendable materials

Thin-wall threaded insert M8		41002361595
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Expendable materials

Helicoil thread insert	M12x30 mm	31 10 6 868 499
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Adhesive

Body adhesive K3	2x300 ml	83190417144
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Expendable materials

Betawipe 4800	10 ml	83192357707
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Expendable materials

Bonding base VP 206	30 ml	83199407777
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Expendable materials

Two-component metal filler plus	100+10 g	83192288329
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Expendable materials

Blind rivet N8	ø6,5 mm, Clamping area 6.8-8.8 mm	83192355998
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Expendable materials

Blind rivet N11 for CFRP connections	ø4,8 mm, Clamping area 2.2-4.7 mm	83197391057
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Expendable materials

Blind rivet N12 for CFRP connections	ø4,8 mm, Clamping area	83197391046
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	4.5-7.5 mm	
Expendable materials		
Plastic nut	Ø18 mm	51161943122
Expendable materials		
Plastic nut	Ø22 mm	07147169847
Expendable materials		
Cavity sealant spray	400 ml	83422457337
Expendable materials		
Twist drill, high-strength	Ø6,8 mm, Length: 79 mm	83192359262
Expendable materials		
Twist drill, high-strength	Ø4,2 mm, Length: 66 mm	83192359263
Expendable materials		
ScotchBrite Multiflex A, very fine		51910402967
Expendable materials		
Adhesive tape		51717901759
Expendable materials		
Reinforcement plate, universal		41217275563
Expendable materials		
Sealant D1 (seam sealing)	310 ml	83422409985
Expendable materials		
Sealant D2 (seam sealing, spreadable)	310 ml	83422409986
Expendable materials		
Cavity foamHS1	400 ml	83429410694
Expendable materials		
Structural foamHS2	420 ml	83190007361
Expendable materials		
Cavity foam HS3 (2K polyurethane foam)	50 ml	83422288930
Expendable materials		

Aluminium adhesive tape (adhesive tape)	50 mm	11007769948
Expendable materials		
Repair rivet for T-bolt	ø2,4 mm, Clamping area 0.8-2.5 mm	07148497787
Expendable materials		
Repair rivet for T-bolt	ø2,4 mm, Clamping area 2.5-6.0 mm	07148497788
Expendable materials		
PrimerP2	50 ml, Gas cartridge	83190302555
Expendable materials		
PrimerP1	50 ml, Bottle	83190302556
Expendable materials		
Cavity sealing wax remover	500 ml, Spray bottle	83120390086
Expendable materials		
Screw EMC screw, SF Plus, M5x15		83190301639
Expendable materials		
Drill bit	ø6,8 mm, Length: 150 mm	83192460425
Expendable materials		
Drill bit	ø4,2 mm, Length: 120 mm	83192460424
Expendable materials		
Blind rivet N1 Ø 6.5 mm ; clamping area 2.8-4.8 mm		83190301414
Expendable materials		
Blind rivet N2 Ø 6.5 mm ; clamping area 4.8-6.8 mm		83190301419
Expendable materials		
Punch rivet N5 Ø 5 mm ; 5 mm long		83192158079

Expendable materials

Blind rivet N7 Ø 6.5 mm ; clamping area 1.5 - 3.5 mm		83192240352
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Expendable materials

Blind rivet N10 Dia. 6.5 mm; clamping area 10.8-12.8 mm		83199144282
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Expendable materials

Blind rivet N9 Dia. 6.5 mm; clamping area 8.8-10.8 mm		83197239634
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Adhesive

Body adhesive K5	50 ml	83192158654
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Expendable materials

Blind rivet N3 Dia. 4 mm; clamping area 1-3 mm		83190301421
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Expendable materials

Blind rivet N6 Dia. 4 mm; clamping area 3-5 mm		83192158655
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Adhesive

Aktivator -205	250 ml, Bottle	83190030155
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Adhesive

Body adhesive K5	195 ml	83192157298
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Adhesive

Body adhesive K4	50 ml, Cartridge	83192456697
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Expendable materials

Punch rivet N4 Ø 3 mm ; 4 mm long		83192457307
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