

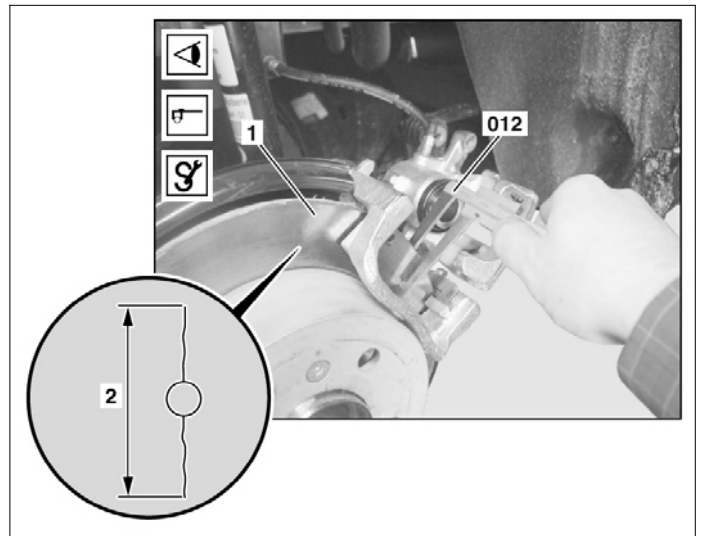
MODEL 216

MODEL 221.0/ 1









012  Measuring caliper

1 Brake disk

2 Crack length



P42.10-2631-11

	Remove/install		
	Risk of death caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between columns of vehicle lift and position four support plates at vehicle lift support points specified by vehicle manufacturer.	AS00.00-Z-0010-01A
	Risk of injury to skin and eyes caused by handling hot or glowing objects.	Wear safety gloves, protective clothing and safety glasses, if necessary.	AS00.00-Z-0002-01A
1	Remove wheels		AP40.10-P-4050SX
	Checking		
2	Check brake disks (1) at front and rear axle Remove/install brake disc	<p> Inspect for scores and cracks. Hairline cracks can occur due to high stress.</p> <p> Brake disks (1) do not have to be replaced when the crack length (2) is a maximum of 25 mm.</p> <p>With perforated brake disks or those provided with sunk holes (1) measure the crack length (2) including the bore diameter.</p> <p>With gaping cracks and score marks deeper than 0.5 mm replace brake disks (1).</p> <p>Model 216 with engine 156, 273, 275, model 221 with engine 156, 272, 273, 275, 629, 642</p> <p>Model 216 with engine 157, 278, model 221 with engine 157, 276, 278, 651</p>	AR42.10-P-0220SX
3	Remove brake pads	Vehicles with fixed brake caliper Vehicles with floating brake caliper	AR42.10-P-0161SX AR42.10-P-0160SX
	Measure		
4	Measure brake disk thickness on front and rear axle using  caliper gage (012) Remove/install brake disc	<p> Observe recommended limit dimensions, so that the wear limit is not dropped below until the next maintenance service, if necessary replace brake disks (1).</p> <p>Model 216 with engine 156, 273, 275, model 221 with engine 156, 272, 273, 275, 629, 642</p> <p>Model 216 with engine 157, 278, model 221 with engine 157, 276, 278, 651</p> <p>Test values for front brake disks Test values for rear brake disks</p> <p> Vernier caliper</p>	AR42.10-P-0220SX *BE42.10-P-1001-08O *BE42.10-P-1001-09M *140589001900
5	Install in the reverse order		

Test values for front brake disks

Number	Designation	Model 216.371/386, Model 216.373/376 /394 with code 494/498/625	Model 216.373/376 /394 without code 494/498/625	Model 216.374/377/379		
BE42.10-P-1001-08O	Brake disk thickness	New	mm	32	36	36
		Wear limit	mm	30	34	33.4
		Wear limit for maintenance service	mm	30.5	34.5	34

Test values for front brake disks

Number	Designation	Model 221.003/022/026/028/054/056/057/070/ 071/080/082/083/084/086/087/095/103/ 122/126/154/156/157/170/171/180/182/ 183/184/186/187/195, Model 221.073/094/173/176/194 with code 494/498/625/951/ 950+(498/625), Model 221.128 without code Z07		
BE42.10-P-1001-08O	Brake disk thickness	New	mm	32
		Wear limit	mm	30
		Wear limit for maintenance service	mm	30.5

Test values for front brake disks

Number	Designation	Model 221.073/094/173/176/194 with code 950, Model 221.073/094/173/194 without code 494/498/625/951/950+(498/625), Model 221.176 without code 494/498/625		
BE42.10-P-1001-08O	Brake disk thickness	New	mm	36
		Wear limit	mm	34
		Wear limit for maintenance service	mm	34.5

Test values for front brake disks

Number	Designation	Model 221.074/174/077/177/179, Model 221.128/176 with code Z07/Z07+Z19
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BE42.10-P-1001-08O	Brake disk thickness	New	mm	36
		Wear limit	mm	33.4
		Wear limit for maintenance service	mm	34

Test values for rear brake disks

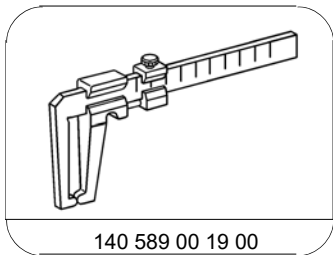
Number	Designation	Model 216.371 with code 494/498/625	Model 216.373/386/394, model 216.371 without code 494/498/625, Model 216.376 with code 494/498/625	Model 216.374/377/379 , Model 216.376 without code 494/498/625		
BE42.10-P-1001-09M	Brake disk thickness	New	mm	12	24	26
		Wear limit	mm	10	21.4	23.4
		Wear limit for maintenance service	mm	10.5	22	24

Test values for rear brake disks

Number	Designation	Model 221.022/080/087/095/ 122/180/187/195, model 221.003/103 without code 950, model 221.026/126 with code 625, model 221.070/071/170/171 with code 494/498/625, model 221.054/056/154/156 up to chassis: 293228, model 221.056/156 with code 498/625	Model 221.028/073/084/086/ 094/173/184/186/194, model 221.003/026/083/ 103/126/183 with code 950, model 221.054/056/057/082/ 154/156/157/182 with code 950/951, model 221.070/071/170/171 without code 494/498/625, model 221.128 without code Z07, model 221.176 with code 494/498/625/951/950+(498/625)		
BE42.10-P-1001-09M	Brake disk thickness	New	mm	12	24
		Wear limit	mm	10	21.4
		Wear limit for maintenance service	mm	10.5	22

Test values for rear brake disks

Number	Designation	Model 221.026/126 without code 625/950, model 221.057/082/157/182 without code 950/951, model 221.083/183 without code 950, model 221.054/056/154/156 as of chassis: 293229	Model 221.074/077/174/ 177/179, model 221.128 with code Z07, model 221.176 without code 494/498/625, model 221.176 with code Z07/ Z07+Z19, model 221.176 with code 950	
BE42.10-P-1001-09M	Brake disk thickness	New	22	26
		Wear limit	19.4	23.4
		Wear limit for maintenance service	20	24



140 589 00 19 00

Vernier caliper