

MODEL 207

MODEL 212

without CODE B07 (AMG high-performance ceramic composite braking system)

MODEL 218

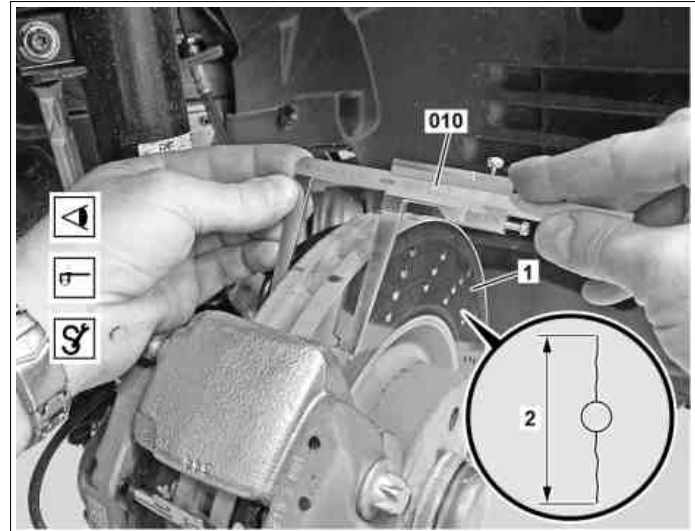
without CODE B07 (AMG high-performance ceramic composite braking system)

Illustration shows model 212

010 Vernier caliper

1 Brake disk

2 Crack length



P42.10-2758-11

	Remove/install		
Danger !	Risk of death caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between vehicle lift columns and position the four support plates at the vehicle lift support points specified by vehicle manufacturer.	AS00.00-Z-0010-01A
Danger !	Risk of injury . Skin or eye injuries may result when handling hot or glowing objects.	Wear protective gloves, protective clothing and safety glasses, if necessary.	AS00.00-Z-0002-01A
	Notes on repairs to brake system		AH42.00-P-0003-01A
1	Raise vehicle with vehicle lift		
2	Remove wheels	MODEL 207	AP40.10-P-4050CW
		MODEL 212, 218	AP40.10-P-4050EW
	Check		
3	Check brake disks (1) at front and rear axle	<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. With perforated brake disks or those provided with sunk holes (1) measure the crack length (2) including the bore diameter. With gaping cracks and score marks deeper than 0.5 mm replace brake disks (1).</p>	
	Measure		
4	Measure thickness of brake disks on front and rear axles using caliper gauge (010)	<p> Observe recommended limit dimensions so that the wear limit is not dropped below before the next brake pad change, if necessary replace brake disks (1): ↓</p> <p>Check values for front axle brake disks</p> <p>Check values for rear axle brake disks</p> <p> Caliper gauge</p>	<p>*BE42.10-P-1001-08P</p> <p>*BE42.10-P-1001-09O</p> <p>*140589001900</p>
5	Install in the reverse order		

Number	Designation			Model 207.302/303/ 347/348/ 402/ 403/447/448	MODEL 207.322 /323/355/356/357/ 359/372/373/423/ 455/456/457/459/ 472/473
BE42.10-P-1001-09O	Brake disk thickness	New	mm	10	22
		Wear limit	mm	8,3	19,4
		Wear limit for maintenance service	mm	8,8	20
		Sheet		-	-

Check values for rear brake disks

Number	Designation			MODEL 212.002 /005/041/047/048/ 202/203/205/247/ 248, MODEL 212.003 ## as of 007599 except CODE 1U9 (Load stage concept)	MODEL 212.003 ## up to 007598 except CODE 1U9, MODEL 212.003 with CODE 1U9, MODEL 212.020/023/024/02 5/026/053/054/055/0 56/057/059/080/082/ 087/088/089/093/14 7/154/220/223/224/2 25/226/254/255/256/ 257/259/280/287/28 8/289/293T MODEL 212.282 except CODE 978
BE42.10-P-1001-09O	Brake disk thickness	New	mm	10	22
		Wear limit	mm	8,3	19,4
		Wear limit for maintenance service	mm	8,8	20
		Sheet		-	-

Check values for rear brake disks

Number	Designation			MODEL 212.072 /073/090/091/272/ 273/291, MODEL 212.282 with CODE 978 (Chassis special version)	MODEL 212.074/ 077/274/277 except CODE B07 (AMG high-performance composite ceramic brake system)
BE42.10-P-1001-09O	Brake disk thickness	New	mm	24	26
		Wear limit	mm	21,4	24
		Wear limit for maintenance service	mm	22	24,5
		Sheet		-	-

Check values for rear brake disks

Number	Designation			MODEL 218.303	Model 218.323/359/393
BE42.10-P-1001-09O	Brake disk thickness	New	mm	10	22
		Wear limit	mm	8,3	19,4
		Wear limit for maintenance service	mm	8,8	20
		Sheet		-	-

Check values for rear brake disks

Number	Designation			MODEL 218.373	MODEL 218.374 without CODE B07 (AMG high- performance ceramic composite braking system)
BE42.10-P-1001-09O	Brake disk thickness	New	mm	24	26
		Wear limit	mm	21,4	24

		Wear limit for maintenance service	mm	22	24,5
		Sheet		-	-

Check values for front brake disks

Number	Designation			MODEL 207.303 /322/323/356/357/403/422/423/456/457 except CODE 950/952 MODEL 207.355 /359/455/459	MODEL 207.302 /303/322/323/347/348/356/357/402/403/422/423/447/448/456/457 with CODE 950/952 MODEL 207.372 /472
BE42.10-P-1001-08P	Brake disk thickness	New	mm	32	32
		Wear limit	mm	29,4	30
		Wear limit for maintenance service	mm	30	30,5
		Sheet		-	-

Check values for front brake disks

Number	Designation			MODEL 207.302 /347/348/402/447/448 except CODE 950/952	MODEL 207.373/473
BE42.10-P-1001-08P	Brake disk thickness	New	mm	28	36
		Wear limit	mm	25,4	34
		Wear limit for maintenance service	mm	26	34,5
		Sheet		-	-

Check values for front brake disks

Number	Designation			MODEL 212.002 /005/048/202/205/248 except CODE 950/951/952 MODEL 212.003 ## up to 001284 except CODE 1U9 MODEL 212.003 /082 with CODE 1U9	MODEL 212.020 /023/024/025/026/041/047/053/054/056/057/087/089/093/154/203/220/223/224/225/226/247/254/256/257/282/287/289/293 except CODE 950/951/952/P96 MODEL 212.082 except CODE 1U9/950/951/952/P96 MODEL 212.147
BE42.10-P-1001-08P	Brake disk thickness	New	mm	28	32
		Wear limit	mm	25,4	29,4
		Wear limit for maintenance service	mm	26	30
		Sheet		-	-

Check values for front brake disks

Number	Designation			MODEL 212.002 /005/020/023/024/025/026/041/047/048/053/054/055/056/057/059/080/082/087/088/089/093/154/202/203/205/220/223/224/225/226/247/248/254/255/256/257/259/280/282/287/288/289/293 with CODE 950/951/952/P96 MODEL 212.003 ## as of 001285 except CODE 1U9 MODEL 212.072	MODEL 212.073/091/273/291
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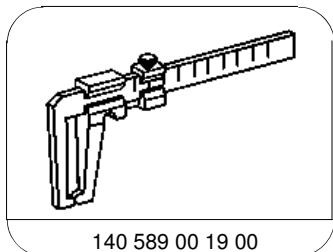
BE42.10-P-1001-08P	Brake disk thickness	New	mm	32	36
		Wear limit	mm	30	34
		Wear limit for maintenance service	mm	30,5	34,5
		Sheet		-	-

Check values for front brake disks

Number	Designation			MODEL 212.074 /077/274/277 except CODE B07	MODEL 218.303/323/359/39 3
BE42.10-P-1001-08P	Brake disk thickness	New	mm	36	32
		Wear limit	mm	33	30
		Wear limit for maintenance service	mm	33,5	30,5
		Sheet		-	-

Check values for front brake disks

Number	Designation			MODEL 218.373	MODEL 218.374 except CODEB07
BE42.10-P-1001-08P	Brake disk thickness	New	mm	36	36
		Wear limit	mm	34	33
		Wear limit for maintenance service	mm	34,5	33,5
		Sheet		-	-



140 589 00 19 00

Caliper gauge