

	Checking		
1	Checking rear axle camber	<p>i The camber on the rear axle is not adjustable. If substantial deviations in the rear axle camber are found, the cause may be one of the following:</p> <ul style="list-style-type: none"> ● Excessive difference in the vehicle level between the left and right sides of the vehicle. ● Accident damage to the frame floor. Discrepancies in the levels of the mounting points for the rear axle carrier between right and left body side. Experience shows that deformations caused by an accident also has an effect on the toe. <p>Camber at vehicle level:</p> <p>Model 171</p> <p>Model 171 with sports suspension</p> <p>Model 203 up to 03/2004, without 4MATIC, with sport suspension, code 486</p> <p>Model 203 up to 03/2004, without 4MATIC, Model 203 with 4MATIC</p> <p>Model 203 up to 03/2004, without 4MATIC, with suspension for increased ground clearance, code 482</p> <p>Model 203 as from 04/2004, without 4MATIC</p> <p>Model 209 except AMG with code P98</p> <p>Model 209 AMG with code P98</p> <p>Permissible difference in rear axle camber between the right and left side of the vehicle:</p> <p>Model 171</p> <p>Model 203 up to 03/2004</p> <p>Model 203 from 04/2004</p> <p>Model 209 except AMG with code P98</p> <p>Model 209 AMG with code P98</p>	<p>*BE40.20-P-1001-09X</p> <p>*BE40.20-P-1002-09X</p> <p>*BE40.20-P-1003-09G</p> <p>*BE40.20-P-1004-09G</p> <p>*BE40.20-P-1005-09G</p> <p>*BE40.20-P-1001-09GP</p> <p>*BE40.20-P-1001-09L</p> <p>*BE40.20-P-1001-09LA</p> <p>*BE40.20-P-1003-09X</p> <p>*BE40.20-P-1006-09G</p> <p>*BE40.20-P-1002-09GP</p> <p>*BE40.20-P-1002-09L</p> <p>*BE40.20-P-1002-09LA</p>

Test values for rear axle camber

Number	Designation		Model 203 up to 03/2004, without 4MATIC, with MB sports suspension (code 486) or AMG	Model 203 up to 03/2004, without 4MATIC, Model 203 with 4MATIC	Model 203 up to 03/2004, without 4MATIC, with suspension for increased ground clearance (code 482)
BE40.20-P-1003-09G	Camber at vehicle level	-0.3°	-1° 40' (±30')	-	-
		0.0°	-1° 36' (±30')	-	-
		+0.3°	-1° 32' (±30')	-	-
		+0.6°	-1° 28' (±30')	-	-
		+0.9°	-1° 24' (±30')	-	-
		+1.0°	-1° 20' (±30')	-	-
		+1.1°	-1° 16' (±30')	-	-

		+1.3°	-1° 12' (±30')	-	-
BE40.20-P-1004-09G	Camber at vehicle level	+1.5°	-	-1° 16' (±30')	-
		+1.8°	-	-1° 12' (±30')	-
		+2.1°	-	-1° 09' (±30')	-
		+2.4°	-	-1° 05' (±30')	-
		+2.6°	-	-1° 04' (±30')	-
		+3.0°	-	-0° 59' (±30')	-
		+3.3°	-	-0° 56' (±30')	-
		+3.6°	-	-0° 52' (±30')	-
		+3.9°	-	-0° 49' (±30')	-
BE40.20-P-1005-09G	Camber at vehicle level	+3.6°	-	-	-0° 52' (±30')
		+3.9°	-	-	-0° 49' (±30')
		+4.2°	-	-	-0° 47' (±30')
		+4.5°	-	-	-0° 44' (±30')
		+4.8°	-	-	-0° 41' (±30')
		+5.1°	-	-	-0° 39' (±30')
		+5.4°	-	-	-0° 35' (±30')
		+5.7°	-	-	-0° 33' (±30')
		+6.0°	-	-	-0° 31' (±30')
+6.3°	-	-	-0° 29' (±30')		
BE40.20-P-1006-09G	Permissible rear axle camber between right and left vehicle side	∠°	30'	≤30'	30'

Test values for rear axle camber

Number	Designation	Model 203 as from 04/2004, without 4MATIC,	
BE40.20-P-1001-09GP	Camber at vehicle level	6.9°	-0° 24' (±30')
		5.9°	-0° 32' (±30')
		4.9°	-0° 40' (±30')
		3.9°	-0° 48' (±30')
		2.9°	-1° 00' (±30')
		1.9°	-1° 11' (±30')

		0.9°	-1° 24' (±30')
BE40.20-P-1002-09GP	Permissible rear axle camber between right and left vehicle side	±°	30'

Test values for rear axle camber

Number	Designation			Model 209 except AMG with code P98
BE40.20-P-1001-09L	Camber at vehicle level	6.0°	±°	-0° 31'
		5.7°	±°	-0° 33'
		5.4°	±°	-0° 36'
		5.1°	±°	-0° 38'
		4.8°	±°	-0° 41'
		4.5°	±°	-0° 44'
		4.2°	±°	-0° 47'
		3.9°	±°	-0° 49'
		3.6°	±°	-0° 53'
		3.3°	±°	-0° 56'
		3.0°	±°	-0° 59'
		2.7°	±°	-1° 02'
		2.4°	±°	-1° 06'
		2.1°	±°	-1° 09'
		1.8°	±°	-1° 13'
		1.5°	±°	-1° 16'
		1.2°	±°	-1° 20'
		0.9°	±°	-1° 24'
		0.6°	±°	-1° 28'
		0.3°	±°	-1° 32'
0.0°	±°	-1° 36'		
		-0.3°	±°	-1° 40'
		-0.6°	±°	-1° 45'
		-0.9°	±°	-1° 49'
		-1.2°	±°	-1° 54'
BE40.20-P-1002-09L	Permissible rear axle camber between right and left vehicle side	±°	30'	

Test values for rear axle camber

Number	Designation			Model 209 AMG with code P98
BE40.20-P-1001-09LA	Camber at vehicle level	-7.3°	∠°	-2° 07' (±30)
		-6.3°	∠°	-1° 51' (±30)
		-5.3°	∠°	-1° 36' (±30)
		-4.3°	∠°	-1° 22' (±30)
		-3.3°	∠°	-1° 10' (±30)
		-2.3°	∠°	-0° 58' (±30)
		-1.3°	∠°	-0° 47' (±30)
		-0.3°	∠°	-0° 37' (±30)
		0.7°	∠°	-0° 28' (±30)
		1.7°	∠°	-0° 20' (±30)
		2.7°	∠°	-0° 14' (±30)
BE40.20-P-1002-09LA	Permissible rear axle camber between right and left vehicle side		∠°	30'

Test values for rear axle camber

Number	Designation		Model 171 except sport suspension (code 486), except AMG	Model 171 with sport suspension (code 486) or AMG
BE40.20-P-1001-09X	Camber at vehicle level	+0.9°	-1° 18' (±30')	-
		+1.3°	-1° 12' (±30')	-
		+1.7°	-1° 07' (±30')	-
		+2.1°	-1° 03' (±30')	-
		+2.5°	-1° 00' (±30')	-
BE40.20-P-1002-09X	Camber at vehicle level	-0.1°	-	-1° 30' (±30')
		+0.3°	-	-1° 25' (±30')
		+0.7°	-	-1° 20' (±30')
		+1.1°	-	-1° 15' (±30')
		+1.5°	-	-1° 10' (±30')

BE40.20-P-1003-09X	Permissible rear axle camber between right and left vehicle side	±°	30'	30'
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