

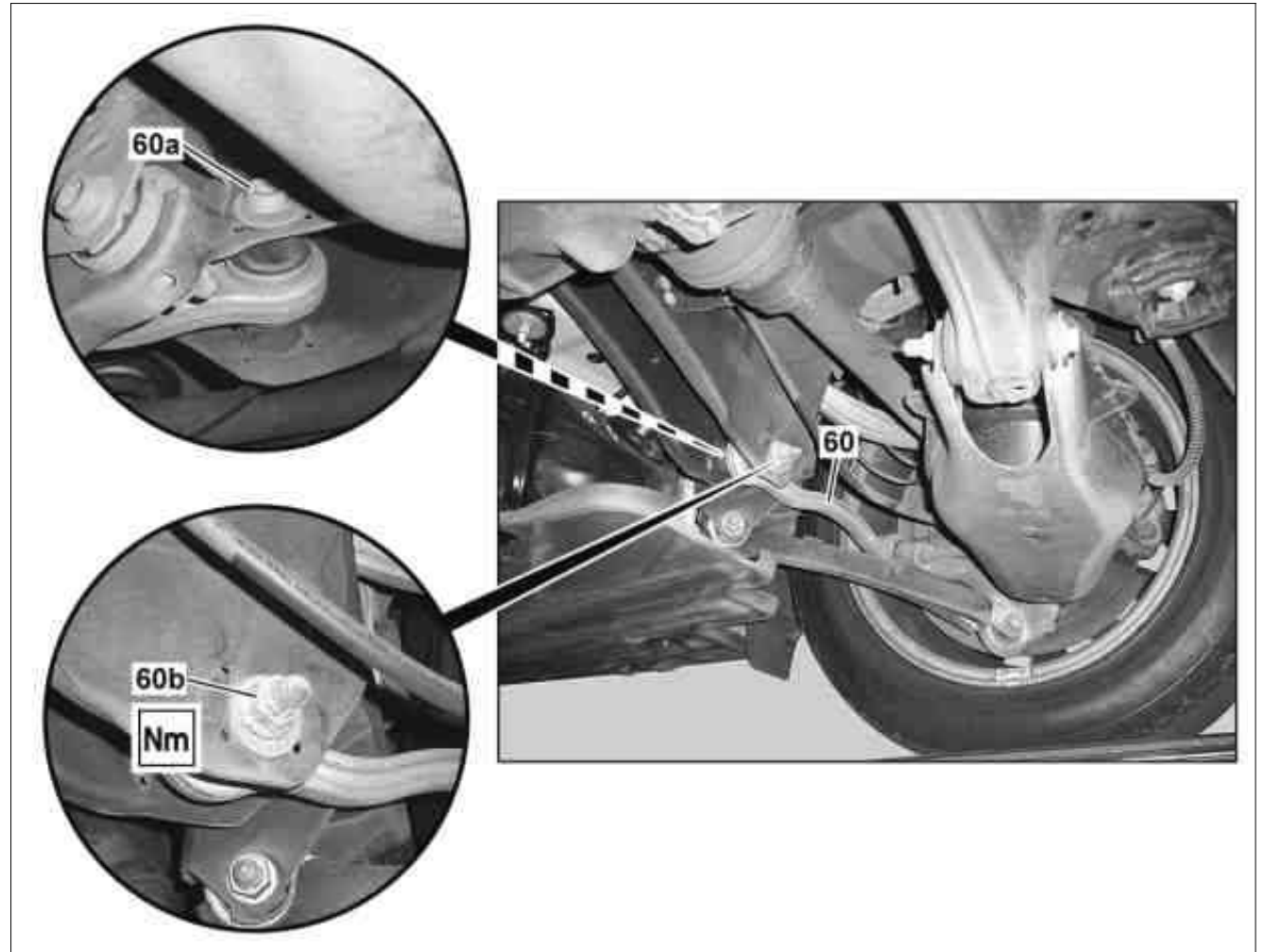
**Document title** Adjust rear-axle toe

**Document number** ar4020p0261ew

Model 212, 218

Illustration shows model 204.0 without 4MATIC

60 Tie rod  
 60a Cam bolt  
 60b Nut



P40.20-2266-06

Adjust			
1	Loosen nut (60b)		
2	Adjust toe with cam bolt (60a)	<p><b>i</b> If the test values are not attained, the tie rod (60) must be replaced.</p> <p>MODEL 212 Total rear axle toe at vehicle level            MODEL 212 Permissible difference in rear axle toe between right and left side of vehicle            Model 218 Total rear axle toe at vehicle level            Model 218 Permissible difference in rear axle toe between right and left side of vehicle</p>	<p>*BE40.20-P-1001-10Y            *BE40.20-P-1002-10Y            *BE40.20-P-1001-10R            *BE40.20-P-1002-10R</p>
3	Tighten nut (60b)	<b>Nm</b> Self-locking nut, tie rod to rear axle carrier	*BA35.20-P-1002-04I

## Check values for rear axle toe

Number	Designation		MODEL 218.3 except 4MATIC, except CODE 489	MODEL 218.9 except 4MATIC, except CODE 489	
BE40.20-P-1001-10R	Total rear axle toe at vehicle level	-2.46°	∠°	-	0° 27' (±7')
		-2.29°	∠°	-	-
		-2.22°	∠°	-	-
		-1.79°	∠°	-	-
		-1.66°	∠°	-	-
		-1.46°	∠°	-	0° 26' (±7')
		-1.36°	∠°	0° 26' (±7')	-
		-1.29°	∠°	-	-
		-1.24°	∠°	-	-
		-0.79	∠°	-	-
		-0.65°	∠°	-	-
		-0.45°	∠°	-	0° 24' (±7')
		-0.35°	∠°	0° 24' (±7')	-
		-0.29°	∠°	-	-
		-0.26°	∠°	-	-
		+0.21°	∠°	-	-
		+0.35°	∠°	-	-
		+0.55°	∠°	-	-
+0.65°	∠°	0° 23' (±7')	-		

Check values for rear axle toe

Number	Designation			MODEL 218 except 4MATIC, with CODE 489	MODEL 218.3 with 4MATIC, except CODE 489
BE40.20-P-1001-10R	Total rear axle toe at vehicle level	-2.46°	∠°	-	-
		-2.29°	∠°	-	-
		-2.22°	∠°	-	-
		-1.79°	∠°	-	-
		-1.66°	∠°	-	0° 26' (±7')
		-1.46°	∠°	0° 26' (±7')	-
		-1.36°	∠°	-	-
		-1.29°	∠°	-	-
		-1.24°	∠°	-	-
		-0.79	∠°	-	-
		-0.65°	∠°	-	0° 25' (±7')
		-0.45°	∠°	0° 24' (±7')	-
		-0.35°	∠°	-	-
		-0.29°	∠°	-	-
		-0.26°	∠°	-	-
		+0.21°	∠°	-	-
		+0.35°	∠°	-	0° 23' (±7')
		+0.55°	∠°	0° 23' (±7')	-
+0.65°	∠°	-	-		

Check values for rear axle toe

Number	Designation			MODEL 218.9 with 4MATIC, except code 489	MODEL 218.3 AMG up to 11.2011
BE40.20-P-1001-10R	Total rear axle toe at vehicle level	-2.46°	∠°	0° 27' (±7')	-
		-2.29°	∠°	-	-
		-2.22°	∠°	-	0° 18' (±7')
		-1.79°	∠°	-	-
		-1.66°	∠°	-	-
		-1.46°	∠°	0° 26' (±7')	-
		-1.36°	∠°	-	-
		-1.29°	∠°	-	-
		-1.24°	∠°	-	0° 19' (±7')
		-0.79	∠°	-	-
		-0.65°	∠°	-	-
		-0.45°	∠°	0° 24' (±7')	-
		-0.35°	∠°	-	-
		-0.29°	∠°	-	-
		-0.26°	∠°	-	0° 19' (±7')
		+0.21°	∠°	-	-
		+0.35°	∠°	-	-
		+0.55°	∠°	-	-
+0.65°	∠°	-	-		

Check values for rear axle toe

Number	Designation			MODEL 218.3 AMG as of 12.2011 except 4MATIC	MODEL 218.9 AMG except 4MATIC
BE40.20-P-1001-10R	Total rear axle toe at vehicle level	-2.46°	∠°	-	-
		-2.29°	∠°	-	0° 13' (±7')
		-2.22°	∠°	-	-
		-1.79°	∠°	0° 13' (±7')	-
		-1.66°	∠°	-	-
		-1.46°	∠°	-	-
		-1.36°	∠°	-	-
		-1.29°	∠°	-	0° 14' (±7')
		-1.24°	∠°	-	-
		-0.79	∠°	0° 14' (±7')	-
		-0.65°	∠°	-	-
		-0.45°	∠°	-	-

-0.35°	∠°	-	-
-0.29°	∠°	-	0° 14' (±7')
-0.26°	∠°	-	-
+0.21°	∠°	0° 15' (±7')	-
+0.35°	∠°	-	-
+0.55°	∠°	-	-
+0.65°	∠°	-	-

Check values for rear axle toe

Number	Designation	MODEL 218.3/9 AMG with 4MATIC		
BE40.20-P-1001-10R	Total rear axle toe at vehicle level	-2.46°	∠°	-
		-2.29°	∠°	0° 13' (±7')
		-2.22°	∠°	-
		-1.79°	∠°	-
		-1.66°	∠°	-
		-1.46°	∠°	-
		-1.36°	∠°	-
		-1.29°	∠°	0° 14' (±7')
		-1.24°	∠°	-
		-0.79	∠°	-
		-0.65°	∠°	-
		-0.45°	∠°	-
		-0.35°	∠°	-
		-0.29°	∠°	0° 14' (±7')
		-0.26°	∠°	-
		+0.21°	∠°	-
+0.35°	∠°	-		
+0.55°	∠°	-		
+0.65°	∠°	-		

Test values for rear axle toe

Number	Designation	Model 212.0 with code 485, except 4MATIC		Model 212.0 with code 485, with 4MATIC	
BE40.20-P-1001-10Y	Total toe at vehicle level	+3.07°	∠°	-	-
		+2.58°	∠°	-	-
		+1.60°	∠°	0° 21' (±7')	0° 22' (±7')
		+0.72°	∠°	-	-
		+0.03°	∠°	-	-
		-0.06°	∠°	-	-
		-0.26°	∠°	-	-
		-0.79°	∠°	-	-
		-1.24°	∠°	-	-
		-1.29°	∠°	-	-

Test values for rear axle toe

Number	Designation	Model 212.0 with code 486/677, except 4MATIC		Model 212.0 with code 486/677, with 4MATIC	
BE40.20-P-1001-10Y	Total toe at vehicle level	+3.07°	∠°	-	-
		+2.58°	∠°	-	-
		+1.60°	∠°	-	-
		+0.72°	∠°	-	-
		+0.03°	∠°	-	-
		-0.06°	∠°	0° 24' (±7')	0° 24' (±7')
		-0.26°	∠°	-	-
		-0.79°	∠°	-	-
		-1.24°	∠°	-	-
		-1.29°	∠°	-	-

Test values for rear axle toe

Number	Designation			Model 212.002 with code P25	Model 212.0/2 with code 482
BE40.20-P-1001-10Y	Total toe at vehicle level	+3.07°	∠°	-	0° 18' (±7')
		+2.58°	∠°	-	-
		+1.60°	∠°	-	-
		+0.72°	∠°	0° 23' (±7')	-
		+0.03°	∠°	-	-
		-0.06°	∠°	-	-
		-0.26°	∠°	-	-
		-0.79°	∠°	-	-
		-1.24°	∠°	-	-
		-1.29°	∠°	-	-

Test values for rear axle toe

Number	Designation			Model 212.0/2 with code 489, except 4MATIC	Model 212.0/2 with code 489, with 4MATIC
BE40.20-P-1001-10Y	Total toe at vehicle level	+3.07°	∠°	-	-
		+2.58°	∠°	-	-
		+1.60°	∠°	-	-
		+0.72°	∠°	-	-
		+0.03°	∠°	-	-
		-0.06°	∠°	-	-
		-0.26°	∠°	0° 25' (±7')	0° 24' (±7')
		-0.79°	∠°	-	-
		-1.24°	∠°	-	-
		-1.29°	∠°	-	-

Test values for rear axle toe

Number	Designation			Model 212.1 with code 482	Model 212.1 with code 485
BE40.20-P-1001-10Y	Total toe at vehicle level	+3.07°	∠°	-	-
		+2.58°	∠°	0° 19' (±7')	-
		+1.60°	∠°	-	0° 21' (±7')
		+0.72°	∠°	-	-
		+0.03°	∠°	-	-
		-0.06°	∠°	-	-
		-0.26°	∠°	-	-
		-0.79°	∠°	-	-
		-1.24°	∠°	-	-
		-1.29°	∠°	-	-

Test values for rear axle toe

Number	Designation			Model 212.2 with code 485, except 4MATIC	Model 212.2 with code 485, with 4MATIC
BE40.20-P-1001-10Y	Total toe at vehicle level	+3.07°	∠°	-	-
		+2.58°	∠°	-	-
		+1.60°	∠°	-	-
		+0.72°	∠°	-	-
		+0.03°	∠°	0° 24' (±7')	-
		-0.06°	∠°	-	-
		-0.26°	∠°	-	0° 24' (±7')
		-0.79°	∠°	-	-
		-1.24°	∠°	-	-
		-1.29°	∠°	-	-

Test values for rear axle toe

Number	Designation			Model 212.2 with code 486/677, except 4MATIC	Model 212.2 with code 486/677, with 4MATIC
BE40.20-P-1001-10Y	Total toe at vehicle level	+3.07°	∠°	-	-

		+2.58°	∠°	-	-
		+1.60°	∠°	-	-
		+0.72°	∠°	-	-
		+0.03°	∠°	-	-
		-0.06°	∠°	-	-
		-0.26°	∠°	-	-
		-0.79°	∠°	-	-
		-1.24°	∠°	0° 26' (±7')	0° 26' (±7')
		-1.29°	∠°	-	-

Test values for rear axle toe

Number	Designation			MODEL 212.025/056/072 with CODEZ04	Model 212 AMG up to 11.2011, except 4MATIC
BE40.20-P-1001-10Y	Total toe at vehicle level	+3.07°	∠°	-	-
		+2.58°	∠°	-	-
		+1.60°	∠°	-	-
		+0.72°	∠°	-	-
		+0.03°	∠°	-	-
		-0.06°	∠°	-	-
		-0.26°	∠°	0° 25' (±7')	-
		-0.79°	∠°	-	-
		-1.24°	∠°	-	0° 14' (±7')
		-1.29°	∠°	-	-

Test values for rear axle toe

Number	Designation			Model 212 AMG as of 12.2011, except 4MATIC	Model 212 AMG with 4MATIC
BE40.20-P-1001-10Y	Total toe at vehicle level	+3.07°	∠°	-	-
		+2.58°	∠°	-	-
		+1.60°	∠°	-	-
		+0.72°	∠°	-	-
		+0.03°	∠°	-	-
		-0.06°	∠°	-	-
		-0.26°	∠°	-	-
		-0.79°	∠°	0° 14' (±7')	-
		-1.24°	∠°	-	-
		-1.29°	∠°	-	0° 14' (±7')

Check values for rear axle toe

Number	Designation			MODEL 218.3 except 4MATIC, except CODE 489	MODEL 218.9 except 4MATIC, except CODE 489
BE40.20-P-1002-10R	Permissible difference in rear axle toe between right and left side of vehicle		∠°	±0° 15'	±0° 15'

Check values for rear axle toe

Number	Designation			MODEL 218 except 4MATIC, with CODE 489	MODEL 218.3 with 4MATIC, except CODE 489
BE40.20-P-1002-10R	Permissible difference in rear axle toe between right and left side of vehicle		∠°	±0° 15'	±0° 15'

Check values for rear axle toe

Number	Designation			MODEL 218.9 with 4MATIC, except code 489	MODEL 218.3 AMG up to 11.2011
BE40.20-P-1002-10R	Permissible difference in rear axle toe between right and left side of vehicle		∠°	±0° 15'	±0° 3'

Check values for rear axle toe

Number	Designation		MODEL 218.3 AMG as of 12.2011 except 4MATIC	MODEL 218.9 AMG except 4MATIC
BE40.20-P-1002-10R	Permissible difference in rear axle toe between right and left side of vehicle	∠°	±0° 3'	±0° 3'

Check values for rear axle toe

Number	Designation		MODEL 218.3/9 AMG with 4MATIC
BE40.20-P-1002-10R	Permissible difference in rear axle toe between right and left side of vehicle	∠°	±0° 3'

Test values for rear axle toe

Number	Designation		Model 212.0 with code 485, except 4MATIC	Model 212.0 with code 485, with 4MATIC
BE40.20-P-1002-10Y	Permissible difference in rear axle toe between right and left side of vehicle	∠°	±0° 15'	±0° 15'

Test values for rear axle toe

Number	Designation		Model 212.0 with code 486/677, except 4MATIC	Model 212.0 with code 486/677, with 4MATIC
BE40.20-P-1002-10Y	Permissible difference in rear axle toe between right and left side of vehicle	∠°	±0° 15'	±0° 15'

Test values for rear axle toe

Number	Designation		Model 212.002 with code P25	Model 212.0/2 with code 482
BE40.20-P-1002-10Y	Permissible difference in rear axle toe between right and left side of vehicle	∠°	±0° 15'	±0° 15'

Test values for rear axle toe

Number	Designation		Model 212.0/2 with code 489, except 4MATIC	Model 212.0/2 with code 489, with 4MATIC
BE40.20-P-1002-10Y	Permissible difference in rear axle toe between right and left side of vehicle	∠°	±0° 15'	±0° 15'

Test values for rear axle toe

Number	Designation		Model 212.1 with code 482	Model 212.1 with code 485
BE40.20-P-1002-10Y	Permissible difference in rear axle toe between right and left side of vehicle	∠°	±0° 15'	±0° 15'

Test values for rear axle toe

Number	Designation		Model 212.2 with code 485, except 4MATIC	Model 212.2 with code 485, with 4MATIC
BE40.20-P-1002-10Y	Permissible difference in rear axle toe between right and left side of vehicle	∠°	±0° 15'	±0° 15'

Test values for rear axle toe

Number	Designation		Model 212.2 with code 486/677, except 4MATIC	Model 212.2 with code 486/677, with 4MATIC
BE40.20-P-1002-10Y	Permissible difference in rear axle toe between right and left side of vehicle	∠°	±0° 15'	±0° 15'

Test values for rear axle toe

Number	Designation		MODEL 212.025/056/072 with CODEZ04	Model 212 AMG up to 11.2011, except 4MATIC
BE40.20-P-1002-10Y	Permissible difference in rear axle toe between right and left side of vehicle	∠°	±0° 15'	±0° 3'

Test values for rear axle toe

Number	Designation		Model 212 AMG as of 12.2011, except 4MATIC	Model 212 AMG with 4MATIC
BE40.20-P-1002-10Y	Permissible difference in rear axle toe between right and left side of vehicle	∠°	±0° 3'	±0° 3'

**Nm** Tie rod

Number	Designation		Model 212	Model 218
BA35.20-P-1002-04I	Self-locking nut, tie rod to rear axle carrier	Nm	110	110