Document title Adjust rear-axle toe

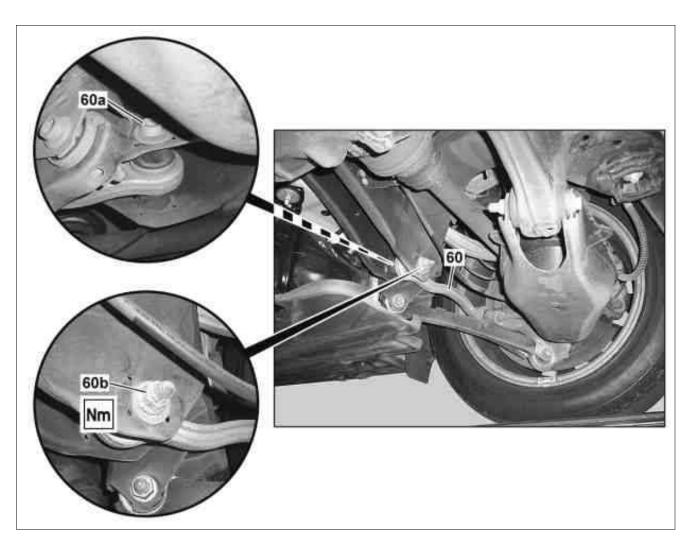
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AR40.20-P-0261EW Adjust rear-axle toe 05.04.2017

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)	i If the test values are not attained, the tie rod (60) must be replaced.
		MODEL 212Total toe at vehicle level *BE40.20-P-1001-10Y
		MODEL 212Permissible difference in rear axle toe between right and left side of vehicle
		Model 218Total rear axle toe at vehicle level *BE40.20-P-1001-10R
		Model 218Permissible difference in rear axle toe between right and left side of vehicle *BE40.20-P-1002-10R
3	Tighten nut (60b)	Nm 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°	Δ°	_	0° 27' (±7')
		-2.29°	Δ°	_	_
		-2.22°	Δ°	_	_
		-1.79°	Δ°	_	_
		-1.66°	ے خ	_	_
		-1.46°	Δ°	_	0° 26' (±7')
		-1.36°	Δ°	0° 26' (±7')	_
		-1.29°	ے م	_	_
		-1.24°	Δ°	_	_
		-0,79	Δ°	_	_
		-0.65°	∡°	_	_
		-0.45°	ے خ	_	0° 24' (±7')
		-0.35°	Δ°	0° 24' (±7')	_
		-0.29°	∡°	_	_
		-0.26°	ے م	_	_
		+0.21°	Δ°	_	_
		+0.35°	Δ°	_	_
		+0.55°	۷°	_	_
		+0.65°	Δ°	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°	ے ک	_	_
		-2.22°	خ ک	_	_
		 _1.79°	Δ°	_	_
		-1.66°	Δ°	_	0° 26' (±7')
		-1.46°	Δ°	0° 26' (±7')	_
		-1.36°	ے م	_	_
		-1.29°	Δ°	_	_
			Δ°	_	_
		-0,79	خ ک	_	_
		-0.65°	Δ°	_	0° 25' (±7')
		-0.45°	Δ°	0° 24' (±7')	_
		-0.35°	Δ°	_	_
		-0.29°	ے م	_	_
		-0.26°	Δ°	_	_
		+0.21°	Δ°	_	_
		+0.35°	ے م	_	0° 23' (±7')
		+0.55°	Δ°	0° 23' (±7')	_
		+0.65°	Δ°	_	_

Check values for rear axle toe

Number	Designation			MODEL 218.9 with 4MATIC, except cod 489	MODEL 218.3 AMG e up to 11.2011
BE40.20-P-1001-10R	Total rear axle toe at vehicle level	-2.46°	Δ°	0° 27' (±7')	_
		-2.29°	Δ°	_	_
		-2.22°	∡°	_	0° 18' (±7')
		-1.79°	4°	_	_
		-1.66°	خ°	_	_
		-1.46°	خ م	0° 26' (±7')	_
		-1.36°	۷°	_	_
		-1.29°	خ م	_	_
		-1.24°	خ م	_	0° 19' (±7')
		- 0,79	ح ک°	_	_
		-0.65°	4°	_	_
		-0.45°	خ°	0° 24' (±7')	_
		-0.35°	ح ک	_	_
		-0.29°	Δ°	_	_
		-0.26°	خ م	_	0° 19' (±7')
		+0.21°	خ م	_	_
		+0.35°	Δ°	_	_
		+0.55°	۷°	_	_
		+0.65°	۷°	_	_

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°	خ°	_	_
		-2.29°	∡°	_	0° 13' (±7')
		-2.22°	Δ°	_	_
		-1.79°	Δ°	0° 13' (±7')	_
		-1.66°	خ°	_	_
		-1.46°	Δ°	_	_
		-1.36°	خ°	_	_
		-1.29°	خ°	_	0° 14' (±7')
		-1.24°	ے ک	_	_
		- 0,79	Δ°	0° 14' (±7')	_
		-0.65°	Δ°	_	_
		-0.45°	۸°	_	_

-0.35°	Δ°	_	-
-0.35° -0.29°	Δ°	_	0° 14' (±7')
-0.26°	Δ°	_	_
-0.26° +0.21° +0.35° +0.55° +0.65°	∡°	0° 15' (±7')	_
+0.35°	Δ°	_	_
+0.55°	خ.«	_	_
+0.65°	۸°	_	_

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°	Δ°	_
		-2.29°	4°	0° 13' (±7')
		-2.22°	ے ح	_
		-1.79°	4°	_
		-1.66°	4°	_
		-1.46°	Δ°	_
			ح ک	_
		-1.29°	Δ°	0° 14' (±7')
		-1.24°	خ°	_
		-0,79	4°	_
		-0.65°	<u>خ</u> °	_
		-0.45°	Δ°	_
		-0.35°	خ°	_
			ح ک	0° 14' (±7')
		-0.26°	Δ°	_
		+0.21°	4°	_
		+0.35°	4°	_
		+0.55°	Δ°	_
		+0.65°	Δ°	_

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°	خ°	-	-
		+2.58°	خ°	-	-
		+1.60°	4°	0° 21' (±7')	0° 22' (±7')
		+0.72°	Δ°	-	-
		+0.03°	Δ°	-	-
		-0.06°	۷°	-	-
		-0.26°	Δ°	-	-
		-0.79°	خ°	-	-
		-1.24°	Δ°	-	-
		-1.29°	۸°	-	-

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°	خ ک	-	-
		+2.58°	خ ک	-	-
		+1.60°	Δ°	-	-
		+0.72°	Δ°	-	-
		+0.03°	خ ک	-	-
		-0.06°	خ ک	0° 24' (±7')	0° 24' (±7')
		-0.26°	Δ°	-	-
		-0.79°	Δ°	-	-
		-1.24°	Δ°	-	-
		-1.29°	Δ°	-	-

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°	4°	-	0° 18' (±7')
		+2.58°	Δ°	-	-
		+1.60°	۷°	-	-
		+0.72°	Δ°	0° 23' (±7')	-
		+0.03°	خ°	-	-
		-0.06°	خ°	-	-
		-0.26°	ے ک	-	-
		-0.79°	4°	-	-
		-1.24°	Δ°	-	-
		-1.29°	خ°	-	-

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°	ح ک	-	-
		+2.58°	ح ک	-	-
		+1.60°	خ ک	-	-
		+0.72°	۷°	-	-
		+0.03°	Δ°	-	-
		-0.06°	ح ک	-	-
		-0.26°	4°	0° 25' (±7')	0° 24' (±7')
		-0.79°	Δ°	-	-
		-1.24°	Δ°	-	-
		-1.29°	۷°	-	-

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°	خ ک	-	-
		+2.58°	خ°	0° 19' (±7')	-
		+1.60°	خ°	-	0° 21' (±7')
		+0.72°	ح ک°	-	-
		+0.03°	4°	-	-
		-0.06°	4°	-	-
		-0.26°	Δ°	-	-
		-0.79°	4°	-	-
		-1.24°	Δ°	-	-
		-1.29°	خ°	-	-

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°	4°	-	-
		+1.60°	خ.	-	-
		+0.72°	خ°	-	-
		+0.03°	<u>خ</u> °	0° 24' (±7')	-
		-0.06°	<u>ک</u> °	-	-
		-0.26°	4°	-	0° 24' (±7')
		-0.79°	خ°	-	-
		-1.24°	۷°	-	-
		-1.29°	۷°	-	-

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°	Δ°	-	-
+1.60°	Δ°	-	-
+0.72°	۷°	-	-
+0.03°	۷°	-	-
+0.03° -0.06°	Ճ°	-	-
-0.26° -0.79° -1.24°	۷°	-	-
-0.79°	۷°	-	-
-1.24°	∡°	0° 26' (±7')	0° 26' (±7')
-1.29°	۷°	-	-

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°	Δ°	-	-
		+1.60°	Δ°	-	-
		+0.72°	<u>خ</u> °	-	-
		+0.03°	<u>ک</u> °	-	-
		-0.06°	خ°	-	-
		-0.26°	۸°	0° 25' (±7')	-
		-0.79°	<u>ک</u> °	-	-
		-1.24°	<u></u> ک°	-	0° 14' (±7')
		-1.29°	Δ°	-	-

Test values for rear axle toe

Number	Designation			Model 212 AMG as o 12.2011, except 4MATIC	f Model 212 AMG with 4MATIC
BE40.20-P-1001-10Y	Total toe at vehicle level	+3.07°	4°	-	-
		+2.58°	۷°	-	-
		+1.60°	Δ°	-	-
		+0.72°	Δ°	-	-
		+0.03°	Ճ°	-	-
		-0.06°	Ճ°	-	-
		-0.26°	Δ°	-	-
		-0.79°	×°	0° 14' (±7')	-
		-1.24°	Ճ°	-	-
		-1.29°	Δ°	-	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	Ճ°	±0° 15'	±0° 15'

Check values for rear axle toe

Number	Designation		MODEL 218 except 4MATIC, with CODE 489	1
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	Δ°	±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	Δ°	±0° 3'	±0° 3'

Check values for rear axle toe

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

Test values for rear axle toe

Number	Designation			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	Δ°	±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 \measuredangle° vehicle	±0° 15'	±0° 15'

Test values for rear axle toe

		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	Δ°	±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	Ճ°	±0° 15'	±0° 15'

Test values for rear axle toe

Number	Constitution		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	Δ°	±0° 15'	±0° 15'

Test values for rear axle toe

		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	Ճ°	±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