Model 217, 222

Modification notes

25.06.2013	Toe-out angle with inner wheel steered through 20°		BE40.20-P-1001-08R
16.02.2017	Toe-out angle with inner wheel steered through 20°	Model 222.0 (except 222.077) except code 487 (Active Body Control (ABC)) except code M005 (4MATIC) except code Z07 (Highest protection) model 222.1 (except 222.177/178/179/187/188) except code 487 (Active Body Control (ABC)) except code M005 (4MATIC) except code Z07 (Highest protection)	BE40.20-P-1001-08R
16.02.2017	Toe-out angle with inner wheel steered through 20°	Model 222.0 (except 222.077) with code 487 (Active Body Control (ABC)) model 222.1 (except 222.177/178/179/187/188) with code 487 (Active Body Control (ABC))	BE40.20-P-1001-08R
16.02.2017	Toe-out angle with inner wheel steered through 20°	Model 222.0 (except 222.077) with code M005 (4MATIC) model 222.1 (except 222.177/178/179/187/188) with code M005 (4MATIC)	BE40.20-P-1001-08R
16.02.2017	Toe-out angle with inner wheel steered through 20°	Model 222.1 (except 222.177/178/179/187/188) with code Z07 (Highest protection)	BE40.20-P-1001-08R
16.02.2017	Toe-out angle with inner wheel steered through 20°	Model 222.178 with code 494 (USA version) except code 487 (Active Body Control (ABC))	BE40.20-P-1001-08R
16.02.2017	Toe-out angle with inner wheel steered through 20°	Model 222.077/177/178/179/187/188 with code 487 (Active Body Control (ABC))	BE40.20-P-1001-08R

	Check		
1	Check toe at front axle and adjust if necessary		AR40.20-P-0200LF
2	Check toe-out angle	The steering geometry is checked by measuring the toe-out angle. This is the difference in the steer angle between the outside wheel and the inside wheel when the inside wheel is steered through 20°. Model 222Toe-out angle with inner wheel steered through 20° Model 217Toe-out angle with inner wheel steered through 20°	 *BE40.20-P-1001-08R *BE40.20-P-1001-08V

Check values for toe-out angle

Number	**Designation**	**Model 222.0 (except 222.077) except code 487 (Active Body Control (ABC)) except code M005 (4MATIC) except code Z07 (Top protection) Model 222.1 (except 222.177/178/179/187/188) except code 487 (Active Body Control (ABC)) except code M005 (4MATIC) except code Z07 (Top protection)**	**Model 222.0 (except 222.077) with code 487 (Active Body Control (ABC)) Model 222.1 (except 222.177/178/179/187/188) with code 487 (Active Body Control (ABC))**
BE40.20-P-1001-08R	Toe-out angle with inner wheel steered through 20° ∡°	-1° 31' (±30')	-1° 31' (±30')

Check values for toe-out angle

Number	Designation		Model 222.0 (except 222.077) with code M005 (4MATIC) Model 222.1 (except 222.177/178/179/187/188) with code M005 (4MATIC)	Model 222.1 (except 222.177/178/179/187/188) with code Z07 (Top protection)
BE40.20-P-1001-08R	Toe-out angle with inner wheel steered through 20°	∡°	-1° 31' (±30')	-1° 36' (±30')

Check values for toe-out angle

Number	Designation		Model 222.9 with code Z19 (Pullman government sedan)	Model 222.9 with code Z31 (Pullman Guard government sedan)
BE40.20-P-1001-08R	Toe-out angle with inner wheel steered through 20°	∡°	-1° 36' (±30')	-1° 36' (±30')

Check values for toe-out angle

Number	Designation		Model 222.178 except code 487 (Active Body Control (ABC)) except code 494 (US version)	Model 222.178 with code 494 (US version) except code 487 (Active Body Control (ABC))
BE40.20-P-1001-08R	Toe-out angle with inner wheel steered through 20°	∡°	-1° 6' (±30')	-1° 4' (±30')

Check values for toe-out angle

Number	Designation		Model 222.077/177/178/179/187/188 with code 487 (Active Body Control (ABC))
BE40.20-P-1001-08R	Toe-out angle with inner wheel steered through 20°	∡°	-1° 31' (±30')

Check values for toe-out angle

Number	Designation		Model 217 except AMG, AMG model 217.377 / 379/477/479	AMG model 217.378/478 except code 494
BE40.20-P-1001-08V	Toe-out angle with inner wheel steered through 20°	∡°	-1° 31' (±30')	-1° 6' (±30')

Check values for toe-out angle

Number	Designation		AMG model 217.378/478 with code 494
BE40.20-P-1001-08V	Toe-out angle with inner wheel steered through 20°	∡°	-1° 4' (±30')