MODEL 212

with CODE 489 (AIRMATIC)

MODEL 218

with CODE 489 (AIRMATIC)

Shown on vehicle except code M005 (4MATIC), except CODE 460 (Canada version) and except CODE 494 (USA version)

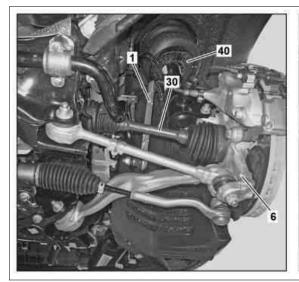
- 1 Torsion bar linkage
- 1a Nut
- 2 Bracket
- 3 Line bracket
- 4 Cable tie
- 5 Bolts
- 6 Steering knuckle
- 7 Nut
- 8 Screw
- 9 Screw
- 10 Cover
- 40 Suspension strut
- 40a Pressure line
- Y51 Left front axle damping valve unit
- Y52 Right front axle damping valve unit

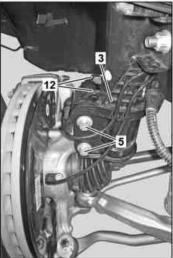


P32.22-2463-12

Shown on vehicle with CODE M005 (4MATIC), except CODE 460 (Canada version) and except CODE 494 (USA version)

- 1 Torsion bar linkage
- 3 Line bracket
- 5 Bolts
- 6 Steering knuckle
- 12 Retaining clips
- 40 Suspension strut

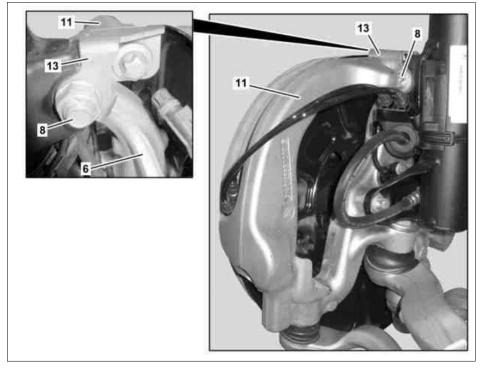




P32.25-2258-05

MODEL 212.0 as of model year 2015 except CODE M005 (4MATIC) with CODE 460 (Canada version) or with CODE 494 (USA version)

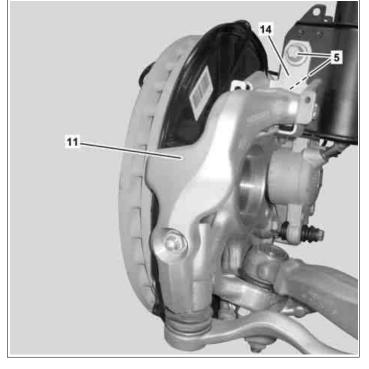
- 6 Steering knuckle
- 8 Screw
- 11 Supporting strut
- 13 Bracket



P33.25-2077-06

MODEL 212.0 as of model year 2015 with CODE M005 (4MATIC) with CODE 460 (Canada version) or with CODE 494 (USA version)

- 5 Bolts
- 11 Supporting strut
- 14 Bracket



P33.25-2078-12

	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	AS00.00-Z-0010-01A
		support points specified by the vehicle manufacturer.	
	Risk of injury . Moving parts can pinch, crush or, in extreme cases even sever extremities.	No parts of the body or limbs should be within the operating range of the mechanism when	AS00.00-Z-0009-01A
		moving components.	
(1)	Notes on AIRmatic		AH32.22-P-1000-02EW
()	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
XX	Remove/install		
1	Place front wheels in straight-ahead position		

2	Drain left or right suspension strut (40) using diagnostic system		
i≆ A D		Installation: The suspension strut (40) must be filled according to specification. Otherwise, the suspension strut (40) may suffer initial damage and malfunction later at a later stage.	AD00.00-P-2000-04A
3.1	Switch off ignition and remove transmitter key from electronic ignition lock control unit	MODEL 212 with CODE 489 (AIRMATIC) without CODE 889 (KEYLESS-GO) MODEL 218 with CODE 489 (AIRMATIC) without CODE 889 (KEYLESS-GO)	
3.2	Switch off ignition and remove transmitter key or KEYLESS-GO start/stop button from electronic ignition lock control unit	MODEL 212 with CODE 489 (AIRMATIC) with CODE 889 (KEYLESS-GO) MODEL 218 with CODE 489 (AIRMATIC) with CODE 889 (KEYLESS-GO)	
4	Remove cover (10) from left or right suspension strut (40)	, ,	
5	Detach pressure line (40a) from suspension strut (40).	When reinstalling the old suspension strut (40), make sure that the pressure line (40a) is carefully screwed on to the plastic thread. Otherwise, if not screwed on properly, the plastic thread will be damaged thereby causing irreparable damage to the suspension strut (40). i Seal pressure line (40a) with blind plugs during repair work. When replacing the suspension strut (40): Detach old pressure line connection to the pressure line (40a). To do this break open the clamping ring, detach pressure line connection and insert the pressure line (40a) up to the marking in the new pressure line connection. Pull back pressure line (40a) a short distance so that the peripheral retaining edges in the inside of the clamping ring engage in the line outer surface. If pressure line (40a) or pressure line connection is damaged or leaky: Repair pressure line (40a) or damaged pressure line connection. Pressure line to front suspension strut/valve unit Knife Socket wrench bit	AR32.22-P-2001-02SX *BA32.22-P-1011-03E *000589122800 *211589000900
6	Detach bracket (2) with pressure line connection from suspension strut (40)	Socket wrench bit	211369000900
7 F== A D	Remove front wheel		AD40 40 D 40505111
№ AP 8	Unscrew nut (1a) and remove torsion bar		AP40.10-P-4050EW
O .	linkage (1) from suspension strut (40)	Counterhold ball stud using internal TORX. Nm Nut, link rod to suspension strut	*BA32.20-P-1002-02P
9	Unclip electrical line of right front brake wear sensor from right line bracket (3)	When removing the right suspension strut (40).	
11	Unclip electrical line of the left front axle rpm sensor or right front axle rpm sensor from corresponding line bracket (3) Remove cable tie (4) on suspension strut (40)	MODEL 212 with CODE 489 (AIRMATIC) without CODE M005 (4MATIC)	
		MODEL 218 with CODE 489 (AIRMATIC) without CODE M005 (4MATIC)	

		i Installation: Observe installation position and replace cable tie (4). Pliers	*164589013700
12.1	Unclip line bracket (3) from suspension strut (40) and place to one side	MODEL 212 with CODE 489 (AIRMATIC) without CODE M005 (4MATIC) MODEL 218 with CODE 489 (AIRMATIC) without CODE M005 (4MATIC)	
12.2	Open retaining clip (12) and remove line bracket (3) from suspension strut (40)	MODEL 212 with CODE 489 (AIRMATIC) with CODE M005 (4MATIC) MODEL 218 with CODE 489 (AIRMATIC) with CODE M005 (4MATIC)	
13	Detach connector from left front-axle damping valve unit (Y51) or right front-axle damping valve unit (Y52)		
14	Remove supporting strut (11).	MODEL 212.0 as of model year 2015 with CODE 460 (Canada version) with CODE 489 (AIRMATIC) MODEL 212.0 as of model year 2015 with CODE 489 (AIRMATIC) with CODE 494 (US version) MODEL 212.0 as of model year 2015 with CODE 460 (Canada version) with CODE 489 (AIRMATIC) without CODE M005 (4MATIC) MODEL 212.0 as of model year 2015 with CODE 489 (AIRMATIC) without CODE M005 (4MATIC) MODEL 212.0 as of model year 2015 with CODE 494 (US version) without CODE M005 (4MATIC) MODEL 212.0 as of model year 2015 with CODE 489 (AIRMATIC) with CODE 494 (US version) with CODE M005 (4MATIC)	AR33.25-P-0001EW AR33.25-P-0001EWX
15	Remove bolts (5) from steering knuckle (6)	MODEL 212 with CODE 489 (AIRMATIC) without CODE M005 (4MATIC) MODEL 218 with CODE 489 (AIRMATIC) without CODE M005 (4MATIC) without CODE M005 (4MATIC) Mm Model 212, 218 except code M005 (4MATIC)	*BA32.25-P-1002-04M
16	Secure steering knuckle (6) to prevent it from tilting away	The brake hose and electrical lines may not be pulled. Otherwise, the brake hose and the electrical lines may be damaged.	
17.1	Unscrew nut (7) and pull out bolt (8)	MODEL 212 with CODE 489 (AIRMATIC) without CODE M005 (4MATIC) MODEL 218 with CODE 489 (AIRMATIC) without CODE M005 (4MATIC) i Installation: Replace bolt (8). Tighten bolt (8) and nut (7) only after installation of supporting strut (11).	

If damage is present: Replace suspension strut (40).				
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Read out fault memory using the diagnostic system and delete	24			
system and delete	25			
	23			
H AD	i≆ A D	System and delete		AD00.00-P-2000-04A
26 Perform wheel alignment check AR40.20-P-0200EW		Perform wheel alignment check		

Number	Designation		MODEL 212	MODEL 218
BA32.20-P-1002-02P	Nut, link rod to suspension strut	Nm	98	98

Nm Air suspension

Number	Designation		MODEL 212	MODEL 218
BA32.22-P-1011-03E	Pressure line to front suspension strut/valve unit	Nm	2 (+0,5)	2 (+0,5)

Nm Suspension struts

Number	Designation				61/065/072/073/095/0 98/13/14/15/162/165/ 19/20/22/23/24/25/26 1/265/272/273/298	3/95/961/965/973 with CODE 489, MODEL 218.374/375/974/975 with CODE 489,
BA32.25-P-1001-04M	Bolt, suspension strut to steering knuckle at top	M14×45	Stage 1	Nm	100	100
			Stage 2	۸°	90	90

Nm Suspension struts

Number	Designation			212.00/02/03/04/05/0 61/065/072/073/095/0 98/13/14/15/162/165/ 19/20/22/23/24/25/26 1/265/272/273/298 with CODE 489,	362/365/373/90/92/9 3/95/961/965/973 with CODE 489, MODEL 218.374/375/974/975 with CODE 489,
BA32.25-P-1002-04M	Bolt, suspension strut to M12×20 steering knuckle at bottom	Stage 1	Nm	70	70
		Stage 2		lösen	lösen
		Stage 3	Nm	100	100

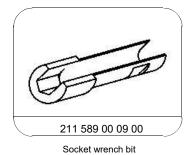
Nm Suspension struts

Number	Designation		MODEL	MODEL
			212.00/02/03/04/05/0	
			61/065/072/073/095/0	
			98/13/14/15/162/165/	
			19/20/22/23/24/25/26	
				with CODE 489,
			,	MODEL
				212.076/092/276/292
			212.074/075/077/274/	, ,
			275/277 with CODE	except CODE 488
			489, except CODE 488	
BA32.25-P-1003-04M	Screw/bolt, suspension strut to body	Nm	33	33

Number	Designation		MODEL	MODEL
			218.30/32/33/35/361/	218.367/368/391/393
			362/365/373/90/92/93	/394/397/967/968/99
			/95/961/965/973 with	1/993/994/997 with
			CODE 489, MODEL	
			218.374/375/974/975	218.376/392/976/992
			with CODE 489,	with CODE 489,
			except CODE 488	except CODE 488
BA32.25-P-1003-04M	Screw/bolt, suspension strut to body	٧m	33	33

Nm Suspension struts

Number	Designation				212.067/08/090/091/0 93/094/097/099/167/1 68/211/267/28/291/29 3/294/297/299 with CODE 489, MODEL 212.076/092/276/292	/394/397/967/968/99 1/993/994/997 with CODE 489, MODEL 218.376/392/976/992
BA32.25-P-1005-04M	Bolt, suspension strut to steering knuckle	M14×70	Stage 1	Nm	120	120
			Stage 2	۷°	90	90





Pliers

