

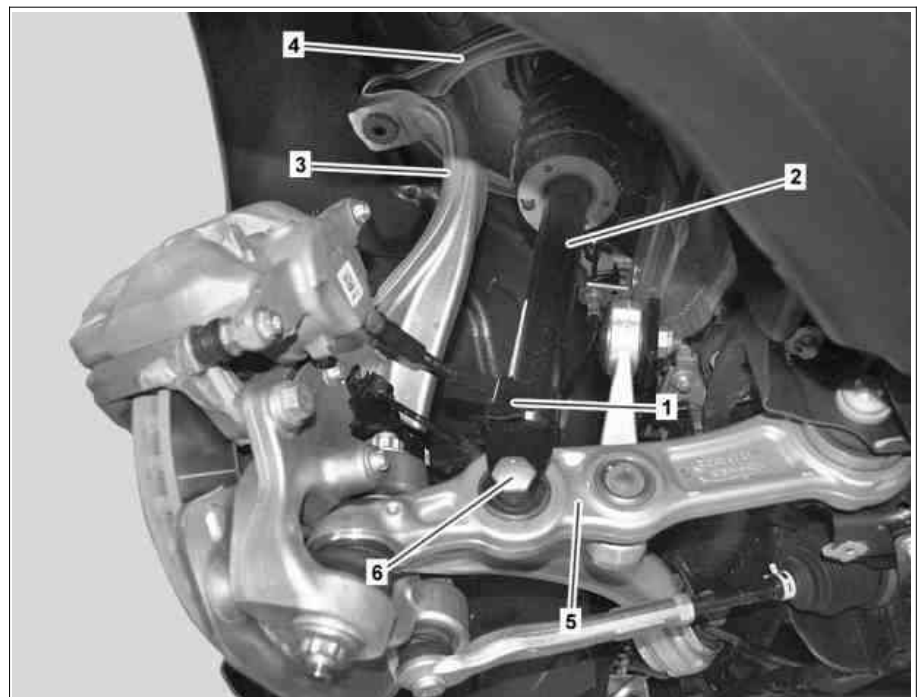
**Model 205**  
 except code 489 (AIRMATIC)  
**Model 213**  
 except code 489 (AIRMATIC)  
**Model 253**  
 except code 489 (AIR BODY CONTROL)

### Modification notes

23.08.2017	"Unscrew nut and remove vibration damper" added.	Step 5	
23.08.2017	In model 213 the screw for fastening the suspension strut to the spring link is replaced by a threaded pin.	Step 6	

### Shown except CODE M005 (4MATIC)

- 1 Cable duct
- 2 Suspension strut
- 3 Steering knuckle
- 4 Upper transverse control arm
- 5 Spring control arm
- 6 Screw



P32.25-2334-06



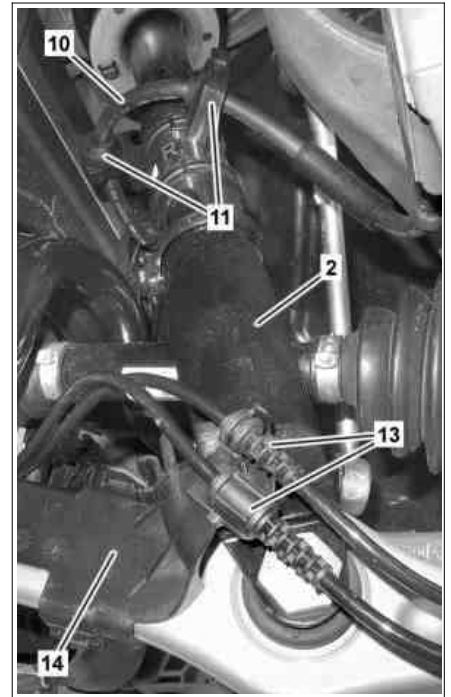
P32.25-2335-08

### Shown on model 205

- 7 Cover
- 8 Service flap
- 9 Nuts

Shown with CODE M005 (4MATIC)

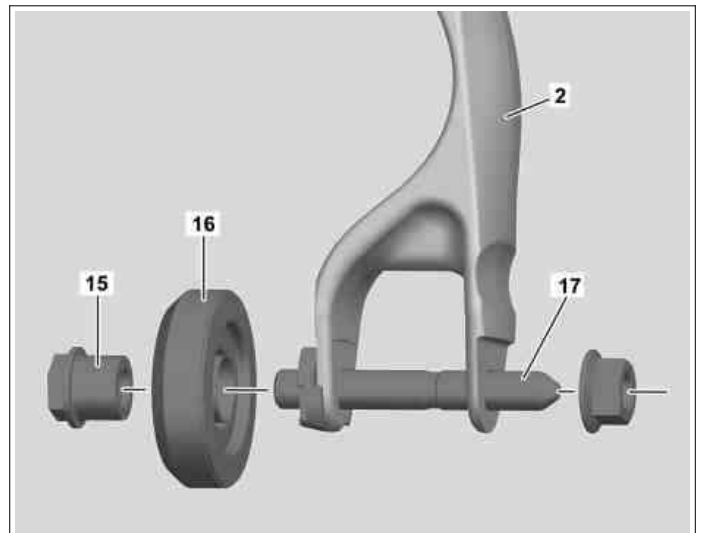
- 2 Suspension strut
- 10 Brake hose
- 11 Bracket
- 13 Electrical lines
- 14 Bracket



P32.25-2349-03











Shown on suspension strut (2) with code M005 (4MATIC) except code 830 (Additional parts for China vehicles)

- 2 Suspension strut
- 15 Nut
- 16 Vibration damper
- 17 Threaded pins



P32.25-2428-11

Warning	<b>Risk of injury.</b> Moving parts can pinch, crush or, in extreme cases even sever extremities.	No parts of the body or limbs should be within the operating area of mechanical components when moving components.	AS00.00-Z-0009-01A
Topical note	Notes on threaded connections fastened using a tightening angle-based tightening process		AH00.00-P-0020-01A
Topical note	Notes on handling, transport and storage of ceramic brake disks		AH42.10-P-9406-13A
Topical note	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
	Notes on handling, transport and storage of composite brake disks		AH42.10-P-9406-12LF
	Notes on repair work on suspension components		AH00.00-P-0100-01A
	<b>Remove/install</b>		
1	Remove front wheel		AR40.10-P-1101A
2	Open cable duct (1) on suspension strut (2) and place to one side with connected lines	Model 205, 213 except code 489 (AIRMATIC) except code M005 (4MATIC)	
3	Unhook brake hose (10) from brackets (11)	Model 205, 213 with code M005 (4MATIC) except code 489 (AIRMATIC) Model 253 except code 489 (AIR BODY CONTROL)	

4	Unhook electric lines (13) from bracket (14) and place to one side	Model 205, 213 with code M005 (4MATIC) except code 489 (AIRMATIC) Model 253 except code 489 (AIR BODY CONTROL)	
5	Unscrew nut (15) and remove vibration damper (16)	Model 213 with code M005 (4MATIC) except code 489 (AIRMATIC) except code 830 (Vehicles for China, additional parts) If installed.  Vibration damper to threaded pin	*BA32.25-P-1004-04P
6	Remove suspension strut (2) from spring control (5) arm	 <b>Installation:</b> Model 205 except code 489 (AIRMATIC) Model 213 with code 830 (Vehicles for China, additional parts) except code 489 (AIRMATIC) Model 253 except code 489 (AIR BODY CONTROL) Bolt (6) must be inserted from the rear towards the front. Otherwise the brake or the rim may be damaged.  Model 213 except code 489 (AIRMATIC) except code 830 (Vehicles for China, additional parts) The screw (6) must be replaced by a threaded pin (17).  Model 213 except code 489 (AIRMATIC) except code 830 (Vehicles for China, additional parts) <b>Installation:</b> The threaded pin (17) must be inserted from front to rear.  Nut, suspension strut to spring control arm	*BA32.25-P-1002-04P
7	Secure steering knuckle (3) against folding down		
8	Unscrew nut of steering knuckle (3) on upper transverse control arm (4)	 Counterhold the ball head and do not use an impact wrench/driver. Otherwise the ball head or steering knuckle (3) may be damaged.  Nut, steering knuckle to transverse control arm	*BA33.20-P-1006-01U
9	Detach upper transverse control arm (4) from steering knuckle (3)		
 Danger	<b>Risk of death</b> 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 support points specified by the vehicle manufacturer.	AS00.00-Z-0010-01A
10	Lower vehicle		
11	Remove cover (7)	When removing right suspension strut (2).	
12	Open service flap (8)	Model 205 except code 489 (AIRMATIC) When removing the left suspension strut (2).	
13	Remove wiper arms	Model 205 except code 489 (AIRMATIC) If the nuts (9) cannot be accessed through the open service flap (8). When removing the left suspension strut (2).	AR82.30-P-6100LW
14	Remove cover under wiper arms	Model 205 except code 489 (AIRMATIC) If the nuts (9) cannot be accessed through the open service flap (8). When removing the left suspension strut (2).	
15	Remove left cover in engine compartment	Model 213 except code 489 (AIRMATIC) Model 253 except code 489 (AIR BODY CONTROL) When removing the left suspension strut (2).	
16	Unscrew nuts (9) from suspension strut (2)	 Nut, strut to body	*BA32.25-P-1001-04P
17	Remove suspension strut (2) downwards	 Carefully remove suspension strut (2). Otherwise the spring control arm strut on the spring control arm (5) may be damaged.	

	<b>Check</b>		
18	Check condition of suspension strut (2)	If damage is present ↓ Replace damaged parts on suspension strut (2).	AR32.25-P-1018LW
19	Check condition of suspension strut link on spring control arm (5)	If damaged or worn ↓ Replace spring link (5).	AR33.15-P-0170LW
20	Install in the reverse order		
21	Check/correct headlamp adjustment	When replacing the suspension strut (2) or the spring control arm (5). Model 205 except code 489 (AIRMATIC) Model 253 except code 489 (AIR BODY CONTROL) Model 213 except code 489 (AIRMATIC)	AP82.10-P-8260E  AP82.10-P-8260J

Suspension struts

Number	Designation		Model 205	Model 213
BA32.25-P-1001-04P	Nut, strut to body	Nm	50	50

Suspension struts

Number	Designation		Model 253
BA32.25-P-1001-04P	Nut, strut to body	Nm	50

Suspension struts

Number	Designation		Model 205	Model 213
BA32.25-P-1002-04P	Nut, suspension strut to spring control arm	Stage 1	Nm	95
		Stage 2	∠°	45

Suspension struts

Number	Designation		Model 253
BA32.25-P-1002-04P	Nut, suspension strut to spring control arm	Stage 1	Nm
		Stage 2	∠°

Suspension struts

Number	Designation		Model 213
BA32.25-P-1004-04P	Vibration damper to threaded pin	Nm	50

Wheel control, hub

Number	Designation		Model 205	Model 213
BA33.20-P-1006-01U	Nut, steering knuckle to transverse control arm	Stage 1	Nm	50
		Stage 2	∠°	45

Wheel control, hub

Number	Designation		Model 253
BA33.20-P-1006-01U	Nut, steering knuckle to transverse control arm	Stage 1	Nm
		Stage 2	∠°