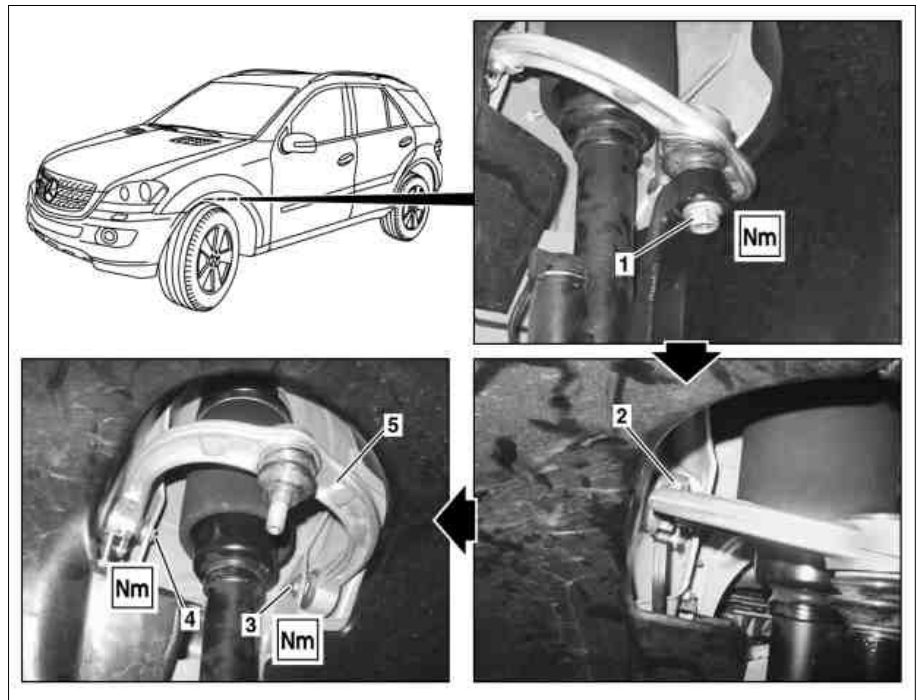


MODEL 164

Left upper transverse control arm

Shown on model 164.1 with Airmatic (air suspension with level adjustment and adaptive damping system ADS), code 489

- 1 Nut
- 2 Screw
- 3 Screw
- 4 Screw
- 5 Upper transverse control arm



P33.20-2152-06



P33.20-2153-07

Shown on vehicle with Airmatic (air suspension with level adjustment and adaptive damping system ADS), code 489

- 6 Nut
- 7 Nut

Modification notes

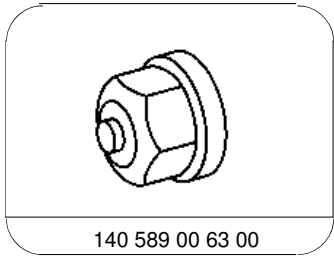
5.8.05	Self-locking nut, upper wishbone follower joint to steering knuckle	Model 164.1	*BA33.20-P-1001-01J
	Self-locking nut of upper wishbone on front end	Model 164.1	*BA33.20-P-1002-01J

	<b>Remove/install</b>		
	<b>Risk of death</b> caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between columns of vehicle lift and position four support plates at vehicle lift support points specified by vehicle manufacturer.	AS00.00-Z-0010-01A
	<b>Risk of death</b> when touching components on vehicles with high-voltage on-board electrical system	Do not touch components and open lines of the high-voltage on-board electrical system. Persons who are carriers of electronic implants (e.g. cardiac pacemakers), must <b>not</b> carry out any work on high-voltage on-board electrical systems.	AS54.00-Z-0001-01A
	Notes on self-locking nuts and bolts	All models	AH00.00-N-0001-01A
	Notes on AIRmatic		AH32.22-P-1000-02GZ
	<b>Installation</b>		
1	Remove transmitter key or Keyless-Go start and stop button	On model 164.195	

		Switch off ignition. Remove transmitter key and Keyless-Go stop button from vehicle and keep at a location beyond transmitter range (at least 2 m).	
2	Remove air filter housing	Engine 156 Engine 113 Engine 272, 273 except 272.973 Engine 642, left side Engine 642, right side Engine 629	AR09.10-P-1150GZS AR09.10-P-1150GZ <b>AR09.10-P-1150GZA</b> AR09.10-P-1150GZB AR09.10-P-1150GZC AR09.10-P-1150GZD
3	Disconnect plug from left hot film air mass meter and remove the left intake air duct with hot film air mass meter	<b>i</b> Only vehicles with engine 629.	
4	Jack up vehicle until the wheels are clear of the ground		<b>AR00.60-P-1000GZ</b>
5	Empty AIRmatic system using STAR DIAGNOSIS  <b>AD</b> Connect STAR DIAGNOSIS and read out fault memory	<b>i</b> Only model 164.1 /8 with AIRmatic (air suspension with level adjustment and adaptive damping system ADS), code 489 or Model 164.8 with AIRmatic (air suspension with level adjustment without adaptive damping system ADS) code 489 and USA version code 494.	<b>AD00.00-P-2000-04A</b>
6	Remove front wheel <b>AP</b> Remove/install wheels, rotate if necessary		<b>AP40.10-P-4050Z</b>
7	Unscrew nut (1) and detach steering knuckle from the upper transverse control arm (5)	<b>Nm</b> <b>S</b> Thrust piece <b>S</b> Puller	<b>*BA33.20-P-1001-01J</b> <b>*140589006300</b> <b>*601589043300</b>
8	Remove bolt (2) and detach the bracket of the left front level sensor from the upper transverse control arm (5)	<b>i</b> Only model 164.1 /8 with AIRmatic (air suspension with level adjustment and adaptive damping system ADS) Code 489 or bi-xenon headlamp unit with integrated curve illumination, code 615 or Model 164.8 with AIRmatic (air suspension with level adjustment without adaptive damping system ADS) code 489 and USA version code 494.	
9	Unscrew nuts (6, 7) from front end	<b>Nm</b> <b>i</b> <b>Installation:</b> An assistant must counterhold at the bolts (3, 4).	<b>*BA33.20-P-1002-01J</b>
10	Pull out bolts (3, 4)		
11	Detach upper transverse control arm (5) from front end		
12	Check follower joint	<b>i</b> If the follower joint is defective, replace upper transverse control arm (5).	
13	Install in the reverse order		

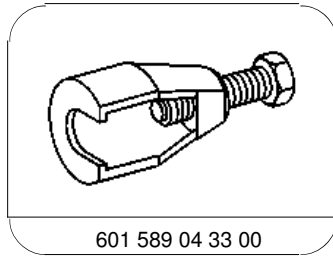
**Nm** Wheel location, hub

Number	Designation	Model 164.1/8	
BA33.20-P-1001-01J	Self-locking nut, upper wishbone follower joint to steering knuckle	Stage 1	Nm 20
		Stage 2	∠° 90
BA33.20-P-1002-01J	Self-locking nut of upper wishbone on front end	Nm	61



140 589 00 63 00

Thrust piece



601 589 04 33 00

Puller