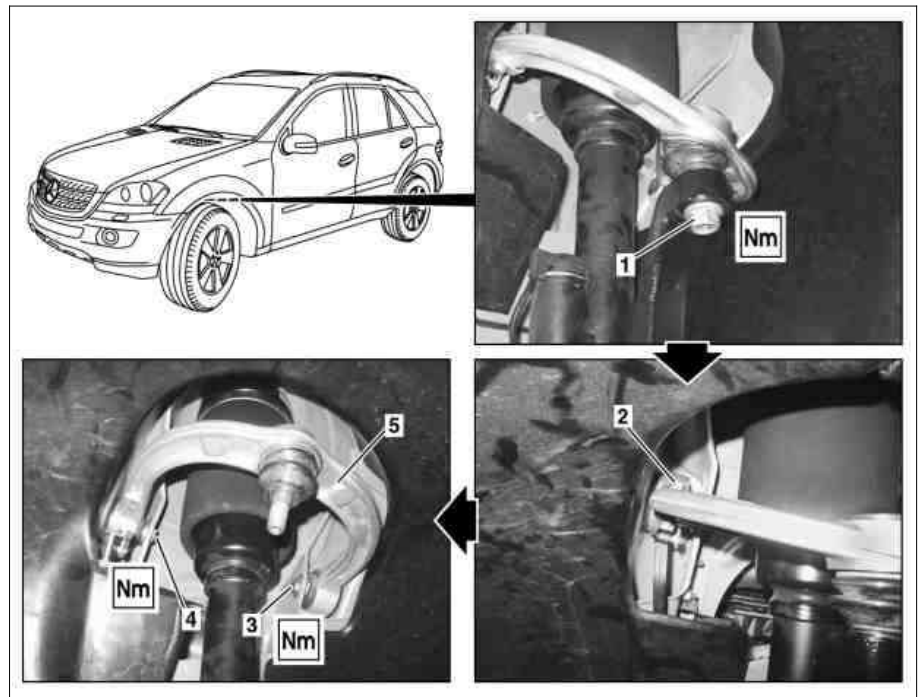


Model 164

Left upper transverse control arm

Shown on model 164.1 with code 489 (AIRMATIC)

- 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 code 489 (AIRMATIC)

6 Nut

7 Nut

 	Remove/install		
	Risk of death when working on component parts and systems with $U \geq 30$ V alternating voltage (AC) or $U \geq 60$ V direct voltage (DC)	Do not touch damaged or defective live component parts and lines or non-insulated electrical connections and lines.	AS00.00-Z-0035-01A
	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 support points specified by the vehicle manufacturer.	AS00.00-Z-0010-01A
	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
	Notes on AIRmatic	Model 164 with code 489 (AIRMATIC) Linker oberer Querlenker	AH32.22-P-1000-02GZ
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 store outside of transmitter range (at least 2 m).	
2	Remove air filter housing	Engine 156	AR09.10-P-1150GZS

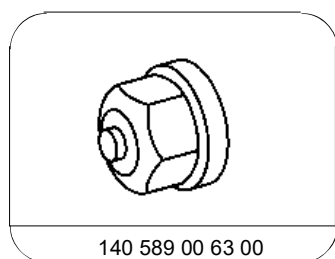
		ENGINE 113 Engine 272 (except 272.973), 273 Model 164.1/8 with engine 642Left side Model 164.1/8 with engine 642Right side Model 164 with engine 629	AR09.10-P-1150GZ AR09.10-P-1150GZA AR09.10-P-1150GZB AR09.10-P-1150GZC AR09.10-P-1150GZD
3	Detach plug from left hot film mass air flow meter and remove left intake air duct with left hot film mass air flow meter	Only vehicles with engine 629	
4	Jack up vehicle until the wheels are clear of the ground		AR00.60-P-1000GZ
5 AD	Deflate AIRmatic system using STAR DIAGNOSIS	i Only model 164.1/8 with code 489 (AIRMATIC) or Model 164.8 with code 489 (AIRMATIC) and code 494 (USA version).	AD00.00-P-2000-04A
6 AP	Remove front wheel		AP40.10-P-4050Z
7	Unscrew nut (1) and detach steering knuckle from upper transverse control arm (5)	i Only tighten nuts and bolts of suspension components when vehicle is in a ready-to-drive condition. Nm Self-locking nut, upper ball joint out of upper transverse control arm to steering knuckle S Thrust piece S Puller	*BA33.20-P-1001-01J *140589006300 *601589043300
8	Unscrew screw (2) and detach holder of front left level sensor from upper transverse control arm (5)	Model 164.1/8 with code 489 (AIRMATIC) or with code 615 (Bi-xenon headlamps with active light function) or model 164.8 with code 489 (AIRMATIC) with code 494 (USA version)	
9	Unscrew nuts (6, 7) at front-end assembly	i Installation: A helper must counterhold at the screws (3, 4). Nm Self-locking nut of upper wishbone on front end	*BA33.20-P-1002-01J
10	Pull out screws (3, 4)		
11	Detach upper transverse control arm (5) from front-end assembly		
12	Check follower joint	i If upper ball joint is defective, replace upper transverse control arm (5).	
13	Install in the reverse order		

Nm Wheel control, hub

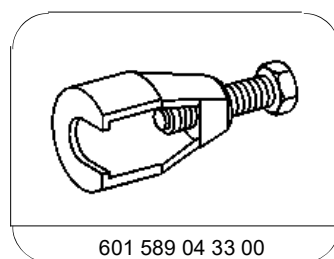
Number	Designation	Model 164.1/8
BA33.20-P-1001-01J	Self-locking nut, upper ball joint out of upper transverse control arm to steering knuckle Torque Angle Gauge needed → Stage 2	Nm 20=14.75 ft. lbs. 90

Nm Wheel control, hub

Number	Designation	Model 164.1/8
BA33.20-P-1002-01J	Self-locking nut of upper wishbone on front end	Nm 61=45 ft. lbs



Thrust piece



Puller