

P33.20-0278-09

Modification notes

15.3.04	Owing to the precise tolerances the vehicle should not be subjected to an alignment check after the steering knuckle has been installed		
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	Remove/install		
Danger!	Risk of death 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
	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
	The damper must be installed to remove the steering knuckle		
1 	Remove front wheel Remove/install wheels, rotate if necessary		AP40.10-P-4050Z
2	Remove brake disc		AR42.10-P-0220A
3	Remove front wheel hub (9)		AR33.20-P-0310A
4	Remove brake cover plate (35)	Nm	*BA42.10-P-1003-06A
5	Detach left front rpm sensor (L6/1) and brake lining wear indicator	Nm	*BA42.30-P-1001-01A
6	Remove tie rod (10) from steering knuckle (5)	Check rubber boot and ball joint for wear and damage. Nm Puller (050) Thrust piece (051)	*BA46.40-P-1002-01A *202589023300 *140589006300
7	Remove supporting joint (7) from steering knuckle (5)	Check rubber boot and ball joint for wear and damage. Nm Puller (050) Thrust piece (051a)	*BA33.20-P-1004-01A *202589023300 *140589006300
8	Detach steering knuckle (5) from upper wishbone (6)	Check rubber boot and ball joint for wear and damage.	

		Nm	*BA33.20-P-1002-01A
		☞ Puller (043)	*124589033300
		☞ Thrust piece (043a)	*210589046300
☞	Check		
9	Check supporting joint		AR33.20-P-0425A
10	Measure steering knuckle, if necessary		AR40.30-P-0451C
11	Install in the reverse order		

Nm Wheel location, hub

Number	Designation			Model 170	Model 202	Model 208
BA33.20-P-1002-01A	Self-locking nut, upper wishbone follower joint to steering knuckle	Initially	Nm	45	45	45
		Inspection	Nm	-	-	-
BA33.20-P-1004-01A	Self-locking nut, supporting joint to steering knuckle		Nm	105	105	105

Nm Brake discs, brake cover plate

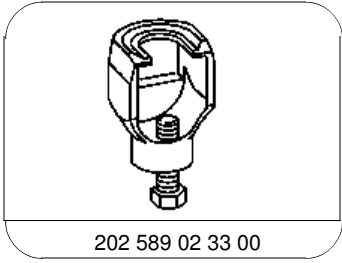
Number	Designation			Model 170	Model 202	Model 208
BA42.10-P-1003-06A	Bolt brake cover plate to steering knuckle / wheel carrier	M6	Nm	10	10	10
		M8	Nm	-	-	-

Nm Front axle rpm sensor

Number	Designation		Model 170	Model 202	Model 208
BA42.30-P-1001-01A	Self-locking bolt, front axle rpm sensor to steering knuckle	Nm	22	22	22

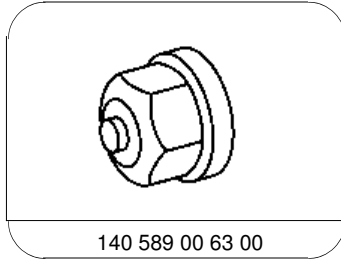
Nm Tie rod

Number	Designation			Model 170	Model 202	Model 208
BA46.40-P-1002-01A	Self-locking nut, tie rod to steering knuckle	Yellow	Nm	50	50	50
		silver or blue	Nm	-	-	-



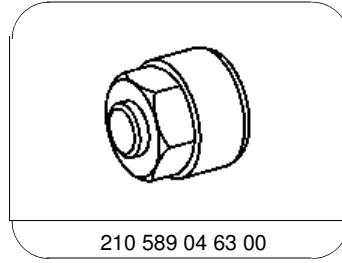
202 589 02 33 00

Puller



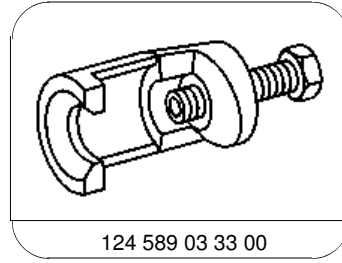
140 589 00 63 00

Thrust piece



210 589 04 63 00

Thrust piece



124 589 03 33 00

Puller