

**Document title** Pressing out and attaching track rod joint at steering knuckle

**Document number** ar4640p020002cw

AR46.40-P-0200-02CW	Pressing out and attaching track rod joint at steering knuckle		
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**MODEL 117, 156, 172, 176, 204, 207, 212, 218, 242, 246**

**Modification notes**

14.11.13	Nut, tie rod to steering knuckle		BA46.40-P-1001-01O
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**Nm** Tie rod

Number	Designation	MODEL 172		
BA46.40-P-1001-01E	Self-locking nut, tie rod to steering knuckle	Stage 1	Nm	50
		Stage 2	∠°	60

**Nm** Tie rod

Number	Designation	MODEL 204		MODEL 207
BA46.40-P-1001-01N	Self-locking nut, tie rod to steering knuckle	Stage 1	Nm	50
		Stage 2	∠°	60

**Nm** Tie rod

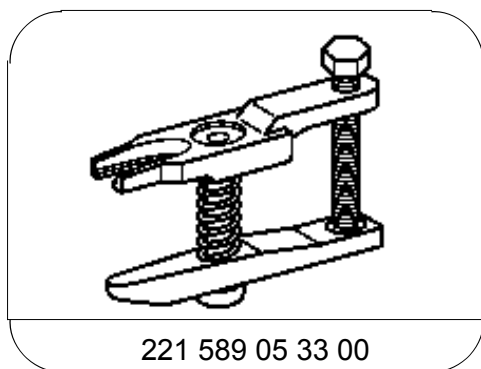
Number	Designation	MODEL 212		MODEL 218
BA46.40-P-1001-01N	Self-locking nut, tie rod to steering knuckle	Stage 1	Nm	50
		Stage 2	∠°	90

**Nm** Tie rod

Number	Designation	MODEL 117		MODEL 156
BA46.40-P-1001-01O	Nut, tie rod to steering knuckle	Stage 1	Nm	50
		Stage 2	∠°	90

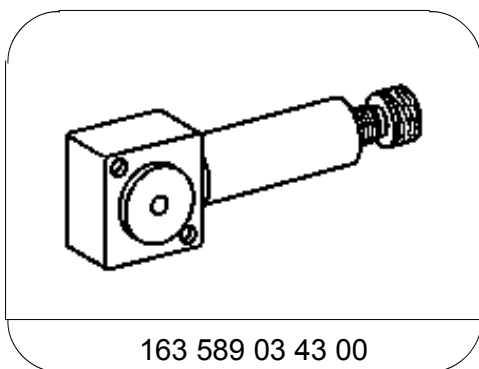
**Nm** Tie rod

Number	Designation	MODEL 242		MODEL 176, 246
BA46.40-P-1001-01O	Nut, tie rod to steering knuckle	Stage 1	Nm	50
		Stage 2	∠°	90



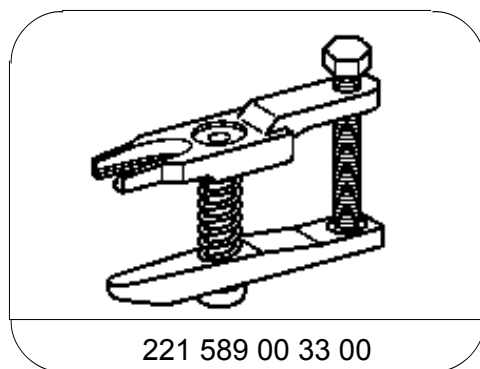
221 589 05 33 00

Puller



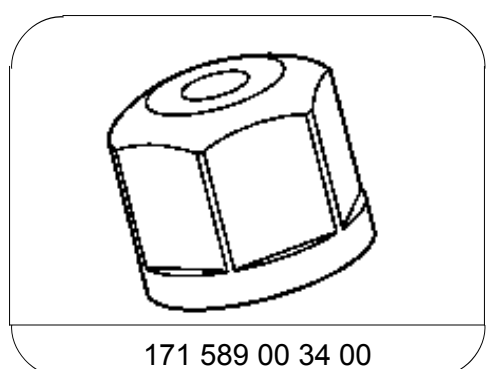
163 589 03 43 00

Press



221 589 00 33 00

Puller



171 589 00 34 00

Thrust piece

**i** MODEL 117, 156, 176, 242, 246

**S** Use puller (221 589 05 33 00) (01) and **S** press (163 589 03 43 00) (03) for prying off the tie rod joint (5).

**i** MODEL 172, 204, 212, 218

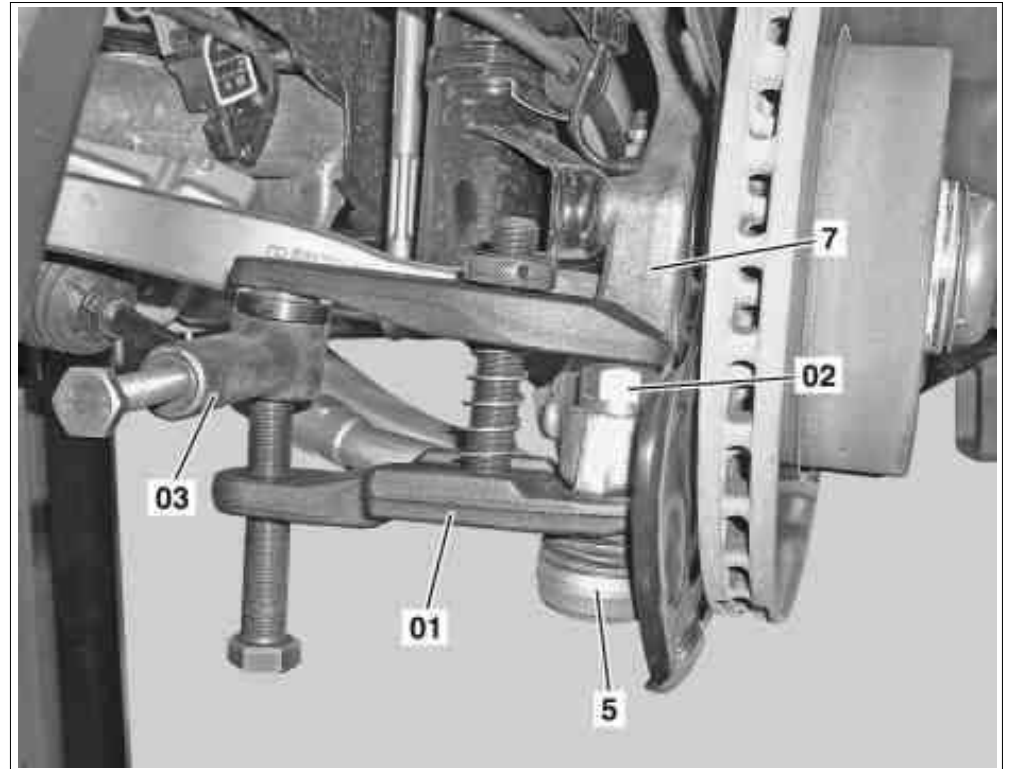
**S** Use puller (221 589 00 33 00) (01), **S** thrust piece (171 589 00 34 00) (02) and **S** press (163 589 03 43 00) (03) for prying off the tie rod joint (5) without stainless-steel ring. To check the variant: Clean the rubber boot and contact surface on the steering knuckle (7) if necessary.

**i** MODEL 204, 207, 212

**S** Use puller (221 589 05 33 00) (01), **S** thrust piece (171 589 00 34 00) (02) and **S** press (163 589 03 43 00) (03) for prying off the tie rod joint (5) with stainless-steel ring.

#### Pushing off

1 Unscrew self-locking nut from tie rod joint (5).



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2.1 MODEL 172, 204, 207, 212, 218

Fit puller (01) with thrust piece (02) and press (03) on tie rod joint (5) and steering knuckle (7).

2.2 MODEL 117, 156, 176, 242, 246

Mount puller (01) and press (03) to tie rod ball joint (5) and steering knuckle (7).

**i** Do not use a thrust piece (02).

3

Pry off tie rod joint (5) off steering knuckle (7) using puller (01), if necessary, thrust piece (02) and press (03).

**!** Turn steering and check for correct seating of puller (01) on tie rod ball joint (5) and, where applicable, on the thrust piece (02).  
If seating is incorrect, damage to the race of the tie rod occurs and this results in destruction of the tie rod.

4

Remove puller (01), where applicable the thrust piece (02) and press (03) from tie rod joint (5).

#### Mount

5

Clean cone and thread on tie rod joint (5) and mount on steering knuckle (7).

**!** There must not be any grease or oil on the taper, thread and the support.  
Otherwise the tie rod ball joint (5) may become detached.

6

Attach self-locking nut to tie rod joint (5). MODEL 117, 156, 176, 242, 246

**Nm** MODEL 204, 207, 212, 218

**Nm** MODEL 172 **Nm**

**i** If necessary, counterhold the tie rod joint (5) using a suitable tool. Observe specified tightening torque.