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| 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 |
|----------|----------------------------------|--|--------------------|

 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 | Δ° | 60 |

 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 | Δ° | 60 |

 Tie rod

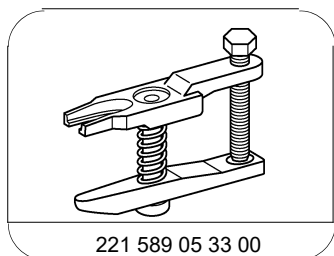
| Number | Designation | MODEL 212 | | MODEL 218 |
|--------------------|---|-----------|----|-----------|
| BA46.40-P-1001-01N | Self-locking nut, tie rod to steering knuckle | Stage 1 | Nm | 50 |
| | | Stage 2 | Δ° | 90 |

 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 | Δ° | 90 |

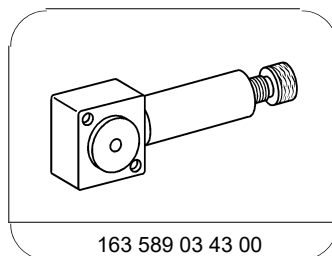
 Tie rod

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



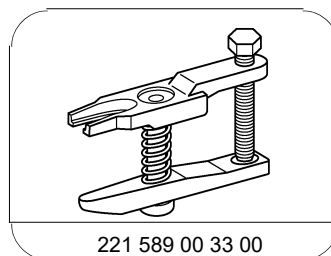
221 589 05 33 00

Puller



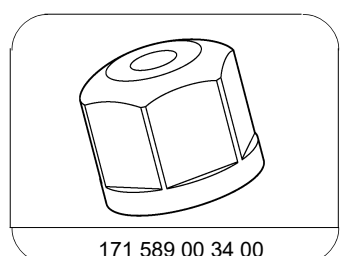
163 589 03 43 00

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).

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

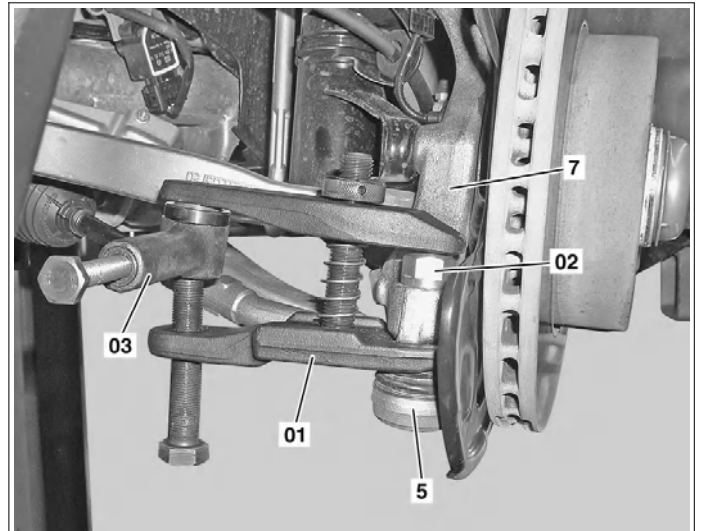
Pry off tie rod joint (5) off steering knuckle (7) using puller (01), if necessary, thrust piece (02) and press (03).

! 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).



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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.