

MRT-20023 Rear trailing arm (RTA) bushings and mounts E36/E46Kit content:

- 4x 45mm eccentric bushings (or)
- 2x 60mm eccentric bushings (or)
- 2x 60mm concentric bushings (or)
- 2x Trailing arm front mounts
- Mounting hardware (as in the picture)

Disclaimer:

- Racing part with NO warranty, not for use on public roads
- Manufacturer disclaims all liability for direct, indirect, incidental or consequential damages, including damage or loss of equipment, cost of purchase or replacement of goods, accident or injuries, or claims of the purchaser that result from the use of the part

Tools / equipment required for installation:

- See car repair manual for tool list for removal / installation of trailing arms
- Wire brush / abrasives for cleaning of the parts
- Loctite (**green**)
- Hydraulic press

Torque rates for the bolts / screws / nuts:

- See car repair manual

Important notes:

- Fits all E36/E46/Z4 non-M and ///M models

Installation:

1. Remove rear trailing arms

2. Press out old bushings

a. Clean up bushing bores, avoid grinding the diameter bigger

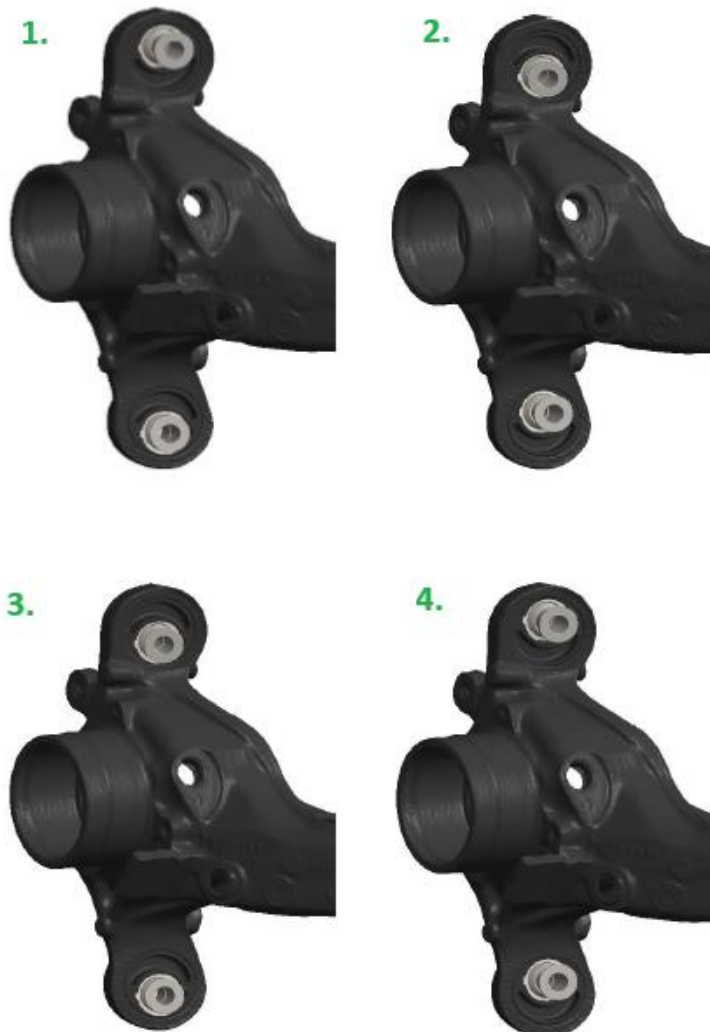


3. Press in new bushings

- a. Select suitable orientation of the upper and lower bushings according to chart below
 - i. Orientation of the upper and lower arm bushings effects roll-center and camber curve
 - ii. Note that orientation of the upper bushing as on setting 2. and 3. will reduce clearance between upper control arm and output shaft CV-joint
- b. Use green Loctite on the bore/outer diameter of the bushing

MRT-20023-1 Rear trailing arm eccentric bushings E36-E46

Ride height	Camber, deg				
	Setting				
	Stock	1	2	3	4
-50mm	-3,8	-3,9	-3,7	-3,8	-3,9
-25mm	-1,9	-2	-1,8	-1,9	-1,9
0	0	0	0	0	0
+25mm	1,9	1,9	1,9	1,9	1,9
+50mm	3,7	3,8	3,6	3,7	3,7
Roll-center	0	+7mm	-8mm	+2mm	-2mm



- c. Select suitable orientation of the front bushings
 - i. With stock front mount offset the bushing as follows to compensate trailing arm angle:



- ii. With improved anti-squat setting (pick-up points higher on the front mounts) offset the bushing as follows for more clearance in the front mount “bucket” in the chassis:



- d. Select anti-squat setting on the front mount:
 - i. Stock height; use lower holes:



- ii. Improved anti-squat; use higher holes:



4. Install trailing arms back into the car

- a. Please refer to car repair manual for correct procedure, always use manufacturer recommended torque rates.

5. Remember to check and inspect all fasteners after first 100km and occasionally after every 500km until the fasteners have set properly. Repeat inspection before and after every trackday.

If you have any questions, feedback or other comments regarding the kit please reach us via email / WhatsApp or social media direct message:



MRT Engineering



mrtengineering



+358 45 783 636 66



info@mrtengineering.fi

If you have problems / issues with the kit, please state where you have bought the kit, original Order No. and / or exact model of the kit you have / you supposed to have to ensure we can give you an accurate response.

All spare parts are available on our webshop and dealerships around the world:

<https://mrtengineering.fi/collections/spare-parts>

<https://mrtengineering.fi/pages/dealers>



MRT
Engineering

MRT Engineering Oy, FI31033454

Kuukuja 12

33420 Ylöjärvi, Finland

info@mrtengineering.fi

+358 45 783 636 66