

MRT-20005 RACE rear control arm kit, BMW E36 / E46

Kit content:

- 2x Upper control arm or Camber arm (pre-assembled)
- (2x Sway bar heim joint conversion kit)
- 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:

- 6mm hex key
- 17mm / 19mm / 24mm wrenches or sockets
- Torque wrench
- Wire brush / abrasives for paint removal / cleaning of the parts (upper control arm kit)
- Angle grinder and welding machine for sway bar modification (upper control arm kit)

Torque rates for the bolts / screws / nuts:

- | | |
|------------------------|-------|
| • M10 fasteners | 40Nm |
| • M12 nuts / hex bolts | 100Nm |
| • M16x1.5 half nuts | 100Nm |

Important notes:

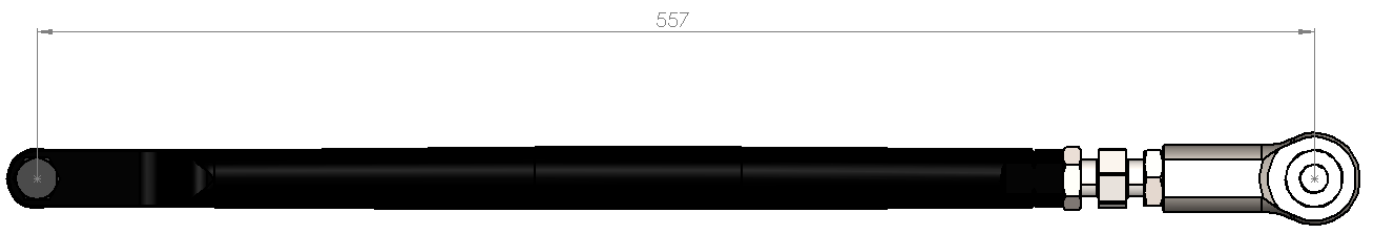
- **Upper control arm can be only used with coilovers**
- **Spring tab / chassis may need to be cut down / notched to allow sufficient clearance for upper control arm**

Installation:

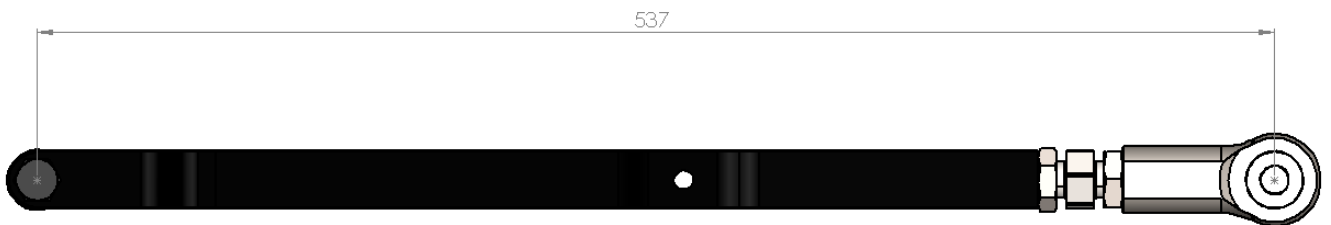
1. Remove old upper control arm and / or camber arm

2. Adjust base length of the arms

a. Camber arm 557mm



b. Upper control arm 537mm



3. Modify OE sway bar (upper control arm kit)

- a. Cut original sway bar ends



- b. Align and tag weld sway bar tabs as in the picture



- c. Weld the gaps



4. Install new upper control arm and / or camber arm into subframe and spindle / knuckle

5. Adjustment

Both upper control arm and camber arm can be used to adjust toe and / or camber, loosen both M16x1.5 locknuts and rotate from the adjuster hex to adjust length, **rod end side is RH thread whereas control arm / camber arm side is LH thread, minimum thread engagement 1xD**

6. After all adjustments torque all fasteners

See torque values on Page 2

7. 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:



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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>



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