



**REAR CAMBER ARM  
INSTALLATION INSTRUCTIONS:  
1992-1999 BMW 3 SERIES (EXCLUDES 318TI) E36  
1999-2006 BMW 3 SERIES E46  
2003-2008 BMW Z4 E85**

**PART NUMBER:  
V00-RCBM-0100**

We recommend that installation of all Voodoo13 parts be completed by a professional who is experienced in suspension tuning. With proper installation and maintenance, Voodoo13 suspension products will provide exceptional performance and durability. For any questions, please contact Voodoo13 immediately. We thank you for choosing Voodoo13 for your suspension tuning needs!

### **NEED HELP?**

Our representatives are here to help you with any questions concerning the operation of this product.

**CALL 480-889-0812**

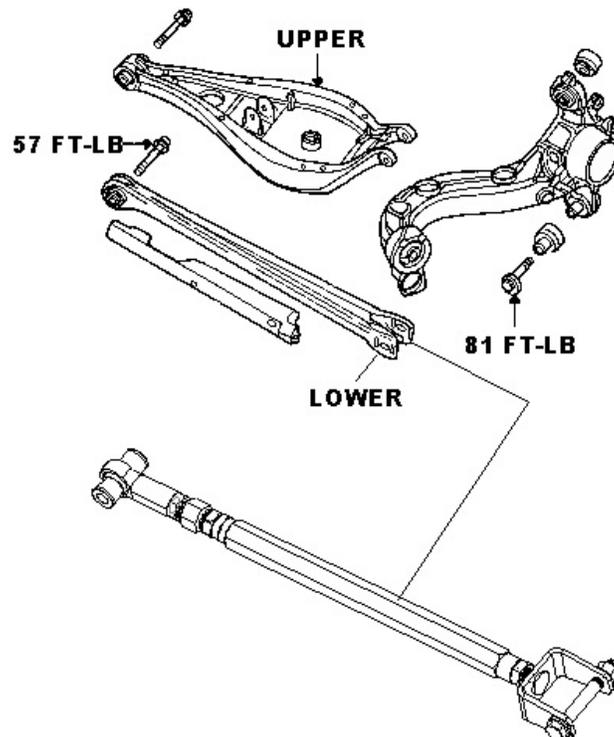
Monday thru Friday 8:30am to 5:30pm MST

## **RECOMMENDED TOOLS AND SUPPLIES**

- General Mechanics Tool Set

## **PART BREAKDOWN**

NOTE: For any OE hardware please refer to OEM service manual for torque specifications. For all included hardware please torque to specifications shown below.



# INSTALLATION PROCEDURE

**Step 1:** Lift the vehicle to a safe height using the recommended factory lift points to work underneath the rear suspension. Ensure to place safety jack stands where recommended by BMW before anyone goes underneath the car (unless using a vehicle lift with safety locks).

**Step 2:** NOTE: The non-M3, E46 models differ on the differential pumpkin when compared to E36 and E46 M3.

Non-M3, E46 has 2 front differential mount bolts and 1 rear differential mount bolt.

E36 and E46 M3 has 1 differential mount bolt and 2 rear differential mount bolts.

E46 M3 differential mount bolts require a E14 Torx Socket.

Support the rear differential with a floor jack and begin to remove the differential mount bolts. This will allow play in the differential to remove the inner bolts to the lower rear arm

**Step 3:** Remove the outer control arm bolts. Note: These bolts won't be reused.

**Step 4:** Remove the inner bolts, moving around the differential around may be needed to remove the bolts off the car.

**Step 5:** From here adjust the new arms to a desired length. Recommend the bracket end side to be locked with the jam nut to do further fine tuning of camber on the turnbuckle end of the arm.

**Step 6:** Install the inner bolts and torque them to **57 ft-lbs**.

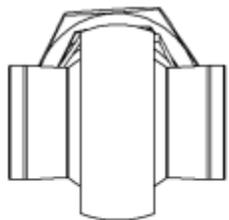
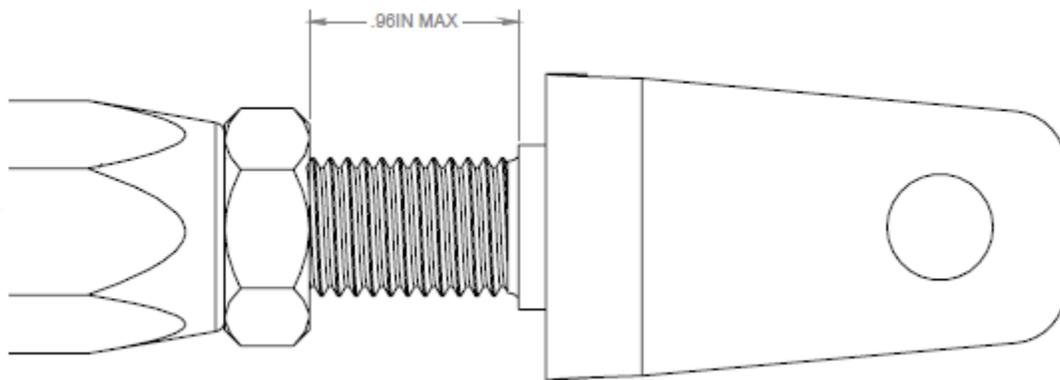
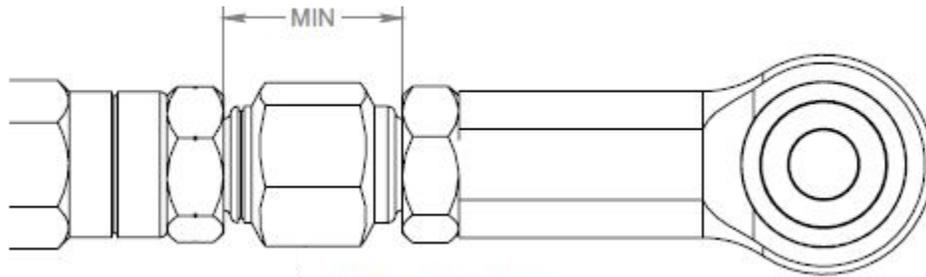
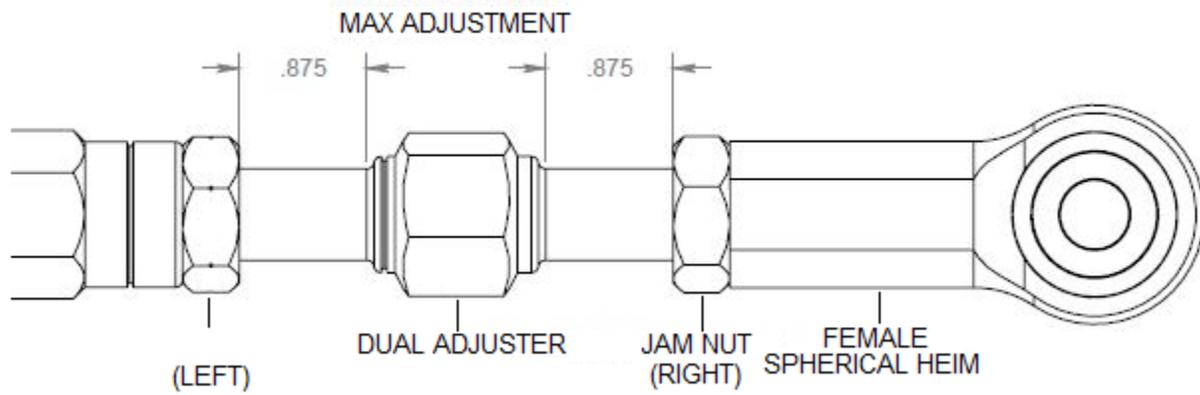
**Step 7:** Install the outer bolts and torque them to **81 ft-lbs**.

**Step 8:** Adjust the arms to desired amount of camber and tighten the jam nuts to lock the arm in place.

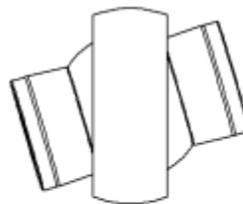
**Step 10:** Lower vehicle safely back to the ground and perform a vehicle alignment. You are finished!

## ROD END ADJUSTMENT GUIDELINES

When adjusting rod end to desired position, adjust so that the rod end and adjuster have approximately the same amount of thread showing. Always use the jam nuts to secure the rod end and adjuster. Never tighten the rod end into the adjuster or the adjuster in the lower control arm as a jamming mechanism.



CORRECTLY POSITIONED



INCORRECTLY POSITIONED  
TOO MUCH STATIC ROD END MISALIGNMENT

# WARRANTY

All products sold are subject to the following warranty:

Voodoo13 offers a Limited Lifetime Warranty for our products to the original retail consumer against defects and workmanship when used on light truck and car applications under normal operating conditions. This warranty does not apply to parts that have been improperly installed or wearable items such as, but not limited to, worn bushings or bearings unless proven to be defective from the manufacturer.

Exterior finish on all Voodoo13 products is not considered a valid warranty; consumers are responsible for the maintenance of paint, anodize or raw metal finish.

The consumer will be responsible for the removal and freight costs both to and from the Distributor from which the product was originally purchased. Proof of purchase and product registration through the Voodoo13 website is mandatory in order to receive warrantee replacement; original invoice from the Distributor from which the product was purchased must accompany the product in question for warrantee.

Voodoo13 has the right to refuse a warrantee claim if procedures are not met by the original consumer. All returns must have an R.M.A. approval from Voodoo13 prior to shipping direct to the Voodoo13 facility. Exclusions from this warranty are sales outside of the United States, the finish, dents, rust, or any condition caused by abnormal use or neglect.

## WARNING

High performance parts. For off-road use only. Installation should be carried out by a qualified facility. Improper use or installation may result in injury or death.



**VOODOO13**  
254 W Broadway Rd,  
Mesa, AZ 85210  
Ph: 480.889.0812  
Fax: 480.829.8103  
[www.VOODOO13USA.com](http://www.VOODOO13USA.com)