



BAVARIAN AUTOSPORT

Rear Suspension Adjustable Camber Bushings Installation Instructions

SAFETY NOTE: The rear of the vehicle must be raised and supported so that the rear suspension is hanging free. Use proper methods and safety precautions for lifting and securely supporting the vehicle.

NOTE: The original bushings that the camber bushings are replacing are pressed into the lower control arm/swing arms. The camber bushings will replace the inboard bushings on the arms, on each side of the vehicle. A hydraulic press is required to remove and install the bushings.

5 Series

97 thru 03

PART NUMBERS: INSTALLATION ASSUMPTIONS:

193526

These instructions will assume that the installer is either familiar with the procedures for servicing the standard BMW rear control arm/swing arm or has access to the applicable repair manuals and an appropriate level of experience to perform this task. Repair manuals for the above listed vehicles are available from Bavarian Autosport. You will need to take your BMW to an alignment facility immediately after installation.

7 Series

95 thru 01

Z8

5 Series

04 on

193726

6 Series

04 on

7 Series

02 on

X5

thru 06

PROCEDURE:

1. Raise and support the rear of the vehicle, heeding the above safety notes.
2. Remove the wheels.
3. Locate the lower control arms/swing arms (see Figure 1).
4. Remove sway bar links from the arms. Remove two inner and single outer bushing mounting bolts and lower the arms.
5. Using a hydraulic press and the arbor rings supplied in the camber bushing kit, press out the inboard bushings from each arm.
6. Using the arbor rings, press the new bushings into place. Install the bushings with the smaller diameter bolts to the front of the arms. Install the bushings with the larger diameter bolts to the rear of the arms (Figure 1).

NOTE: The bushings are adjusted by turning the "D" shaped through-bolt, which then turns the urethane within the steel outer sleeve. Pre-indexing is not required when pressing the bushings into the arm.

7. Install the arms using the supplied bolts and hardware. Install the supplied washers on the outsides of the mounting flanges.
8. Install swaybar end links.
9. Torque all hardware to BMW specs.
10. Install the wheels and lower the vehicle.
11. Take the vehicle to an alignment shop to set the camber and toe. To make adjustments, loosen the nuts and rotate the bolt heads to move the eccentric bushing centers. Once desired camber and toe are set, hold bolt head in place and tighten bolts to 53 FT LBS.



Call Toll Free: **1.800.535.2002**

275 Constitution Avenue, Portsmouth, NH 03801 • 603.427.2002 • Fax 800.507.2002 • www.BavAuto.com

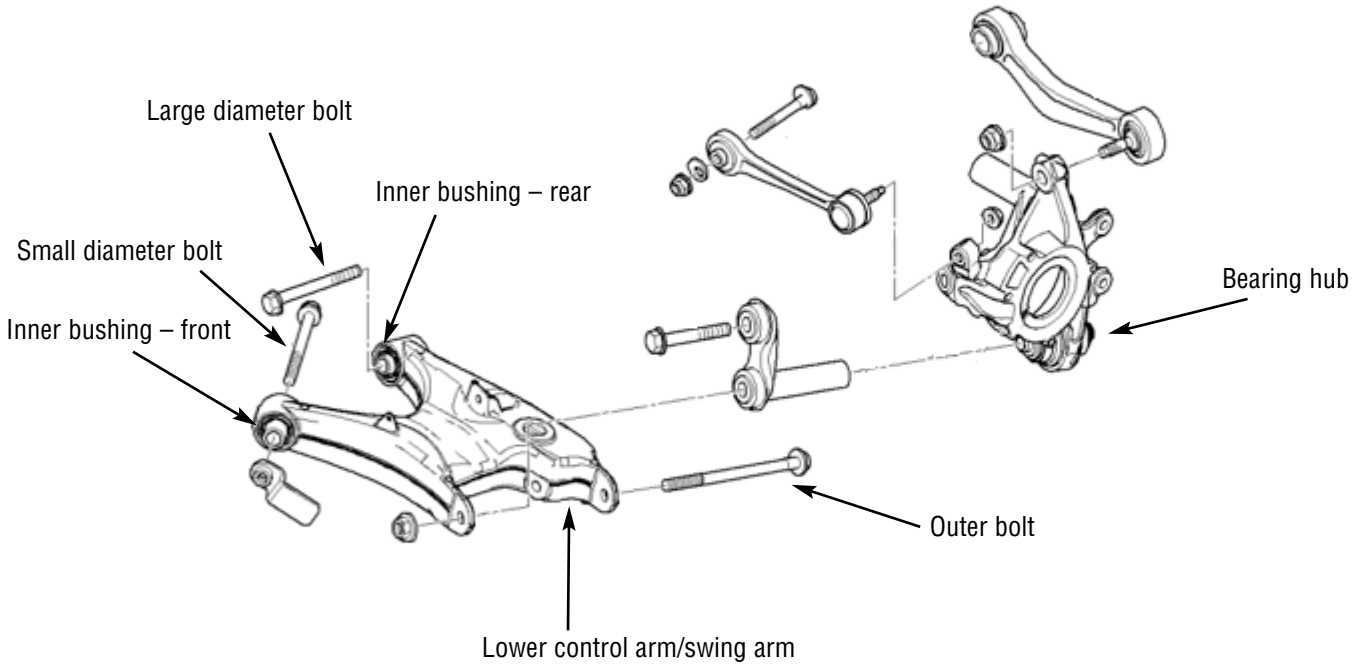


Figure 1