



Rear Shocks & Rear Shock Mounts Installation Tips

3 Series

84 thru 05

Z3

Roadster & Coupe

HISTORY & ASSUMPTIONS:

We have found the installation of rear shocks and rear shock mounts on the these models to be an area of concern. The installation is often done incorrectly, leading to premature failure of the shock mount. The installation tips below will help you perform this task successfully. These tips assume that the installer is either familiar with the procedures for replacing standard BMW 3 series rear shocks and mounts or has access to the applicable repair manuals and possesses an appropriate level of experience to perform this task. Repair manuals for the above listed vehicles are available from Bavarian Autosport.

NOTE: These instruction tips **DO NOT** apply to the urethane rear shock mounts, part number ASRSM, However, these instructions **DO** apply to the blue urethane rear shock mounts, part number N44040BAV.

INSTALLATION TIPS:

1. When disassembling the rear shock mounts from the rear shocks, note that there are two cupped washers on the shock shaft—one washer above the mount and one washer below the mount. Also note that the cupped (concave) end of each washer faces away from the mount (i.e. the upper washer cups upward, the lower washer cups downward). See Figure 1.
2. It is imperative that these washers are reassembled in the proper orientation and position (as shown in illustration) with the new shocks and/or mounts. If the shock and mount being disassembled does not have the washers installed or they are installed incorrectly, they must be acquired and installed properly before installing the assembly in the vehicle. The washers are available from Bavarian Autosport.

INSTALLATION OF OPTIONAL SHOCK MOUNT REINFORCEMENT:

1. The shock mount reinforcement is installed above the wheel tub sheet metal. In other words, install the reinforcement plate over the shock mount studs before installing the shock mount nuts.

Figure 1

