MEVOTECH

MEVOTECH INSIDER

Service Tips and Best Practices

BMW E9X 3 Series and E8X 1 Series Rear Lower Control Arm Identification

Brand	Supreme	Product	Control Arm	Date	February 2023
Part Number(s)	CMS101448				

A popular aftermarket performance modification on the below-noted applications is to convert various originally-equipped suspension components to their upgraded M-series version. When ordering a replacement rear lower control arm, it is recommended that the Professional Technician visually verify which version is currently equipped on the vehicle. This will help to ensure a frustration-free repair outcome as the non-M and M-series rear control arm types cannot be direct-swapped.

Application(s):
BMW E9X 3 Series
BMW E8X 1 Series

To determine the rear lower control type, follow the inspection procedure below:

Standard, Non-M Series Rear Lower Control Arm

- The standard E9X and E8X rear lower control arm is constructed using stamped steel. It utilizes a rubber pad for the spring to be placed on and the shock mount is characterized by a rubber pin mount design. **See Figure 1**.
- Use Mevotech Supreme replacement rear lower control arm with the part number CMS101448 when a standard, non-M series rear control arm is required.



Figure 1. Standard, non-M Series rear lower control arm with stamped steel construction

WE SUPPORT ASE CERTIFICATION

DISCLAIMER: The information in this communication is intended for use only by skilled technicians who have the proper tools, equipment and training to correctly and safely maintain vehicles. Refer to original manufacturers service manual for proper torque specifications and removal/installation procedures. All content in the publication is provided as-is and without warranty. All care has been taken to ensure the accuracy of the information presented. The publisher assumes no responsibility or liability for any loss or damage, direct, indirect or consequential, arising from the use of the information contained herein.

BMW E9X 3 Series and E8X 1 Series Rear Lower Control Arm Identification

M-Series Rear Lower Control Arm

- The M-Series rear lower control arm is constructed of aluminum. It utilizes a flat spring perch and is characterized by a double shear shock mount for standard eyelet shocks. **See Figure 2**.
- It is also important to note that the fastening hardware is different compared to the standard, non-M Series rear lower control arm. The M-Series rear lower control arm requires longer bolts.



Figure 2. M-Series rear lower control arm with aluminum construction

Always ensure to refer to the factory service manual for correct diagnostic procedures, component removal and installation methods and fastening torque values and procedures where applicable. Only use a calibrated torque wrench for final fastening.

WE SUPPORT ASE CERTIFICATION

DISCLAIMER: The information in this communication is intended for use only by skilled technicians who have the proper tools, equipment and training to correctly and safely maintain vehicles. Refer to original manufacturers service manual for proper torque specifications and removal/installation procedures. All content in the publication is provided as-is and without warranty. All care has been taken to ensure the accuracy of the information presented. The publisher assumes no responsibility or liability for any loss or damage, direct, indirect or consequential, arising from the use of the information contained herein.