

MOOG®

STEERING & SUSPENSION

DID YOU KNOW?

ADVICE FOR THE PROFESSIONAL

Overview

MOOG® boots, due to their sealed design, have a tight fit to the ball joint housing to eliminate contaminate intrusion. This Bulletin outlines procedures that will aid in the installation of the MOOG boot.

This Bulletin Affects: ALL MAKES, ALL MODELS UTILIZING A BALL JOINT WITH BOOT

Installation Procedure

WHEN INSTALLING THE NEW MOOG® BALL JOINT, ALWAYS REFER TO THE MOOG INSTRUCTION SHEET ENCLOSED WITH THE PART, OR TO THE OE SERVICE MANUAL.

Be sure to secure the ball joint, using the supplied snap-ring, if applicable, before installing the new MOOG boot.

Press-Fit Style Boots



After installing the ball joint into the control arm or steering knuckle, follow the suggestions below to install a “press fit” style MOOG boot. It is important to install the MOOG boot properly to prevent damage to the boot and to prevent excessive grease from squeezing out onto brake components when lubricating.

1. Always install the new MOOG boot onto the ball joint with the grease relief valve (see photos 1 and 2) positioned inward, away from the wheel. The boot may have the words “MOUNT INBOARD” and/or an arrow stamped on it (see photo 2). Be sure to position these markings away from the wheel.

Con't next column

Installation Procedure (con't)



2. You can easily install a press-fit style boot using either of the two following procedures:

Procedure A:
Using
“Channel Lock”
style pliers



Hold down one end of the boot while squeezing the other end of the boot lip and control arm/knuckle with the pliers as shown in photo 3. Squeeze until boot lip is even and secure.

Install the grease fitting and properly grease the part per the instruction sheet.

Procedure B:
Using a
deep-well
socket or ball
joint receiver cup



Locate a deep-well socket or a ball joint receiver cup (found in ball joint press kits) that fits over the entire ball joint stud assembly and fits the outside diameter of the boot lip (see photo 4). Using a socket or receiver cup that is too narrow will damage the MOOG boot.

Con't next column

Installation Procedure (con't)

Place the boot onto the ball joint and install by hand, making sure it is snug. Fit the socket or receiver cup over the ball joint assembly and lightly tap until the boot is even and secure.

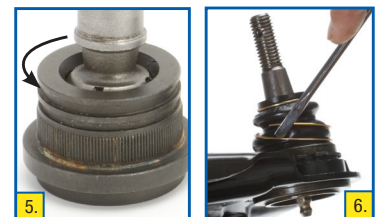


Install the grease fitting and properly grease the part per the instruction sheet.

Wrap Ring Style Boots



Place the boot onto the ball joint and install by hand, making sure it is snug. It should fit inside the groove located above the groove where the snap ring was installed (see photo 5). Using a flathead screwdriver – and taking care not to damage the boot – spiral the wrap ring into the groove at the base of the boot as shown in photo 6.



Install the grease fitting if applicable, and properly grease the part per the instruction sheet.

For parts lookup, visit www.FMe-cat.com tech line: 1-800-325-8886

