

# INSTALLATION INSTRUCTIONS FOR MC0413304-3 AND MC0543015-6 STEERING ROD BOOTS

## REFERENCE DRAWING SRB008, FIGURE 1

1. Remove the rudder bar shield inside the cockpit.
2. Remove the bolt, nut, and washers (1.) from the steering rod fork at the nose gear to permit the removal of the old boot and installation of the new boot.
3. Remove the rivets (2.) securing the boot retainer plate to the fuselage underside.

**CAUTION: EXCESSIVE DRILLBIT PENETRATION INTO THE FUSELAGE MAY RESULT IN DAMAGE TO THE CRITICAL AIRFRAME SYSTEMS**

4. Remove the clamp (3.) securing the small end of the boot to the steering rod tube. Remove the clamp, the boot retainer plate, and the boot (5.).
5. Remove all grease, oil, and dirt from the boot attachment area and the boot retainer plate. Inspect the retainer plate and aircraft surface for any form of corrosion and treat corrosion as required. Coat the fuselage side of the boot flange with a thin coat of silicone sealant/adhesive.
6. Position the boot on airframe, allowing the silicone sealant/adhesive to hold the boot in position. Reattach the boot retainer plate to the fuselage in accordance with the repair section of the applicable Service manual or in accordance with AC 43.13-1B.
7. Slide the clamp onto the steering rod tube and reattach the bolt, nut, and washers removed in Step 2. Torque the nut to the proper value.

**NOTE: If this installation replaces the early style black boots it may be necessary to replace the existing clamp (3.) with a similar clamp of smaller capacity.**

8. Secure the small end of the boot to the steering rod tube with the clamp. Check the rudder/ nose- gear steering system for full travel in each direction and ensure that the boots are not drawn tight, stretched, or in any way preventing full travel of the steering rod tubes.
9. Clean the area under the rudder bars by removing all drill shavings, rivet parts, and any other foreign debris. Reinstall the rudder bar shield removed in Step 1.

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<b>STEERING ROD BOOT INSTALLATION INSTRUCTIONS</b>			
Size: <b>A</b>	Scale: <b>None</b>	Drawn: <b>OAB</b>	Sheet: <b>1</b> OF <b>1</b>
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B	04/24/2019	RETYPED, UPDATED REFERENCED TO AC AND UPDATED STEP 5
A	05/12/1999	RETYPED
~	4/24/2019	ORIGINAL

**\*X\*: Bold letter indicates revision level.**