

TRW Automotive
Commercial Steering Systems

Service Bulletin COL-155

SF Series Intermediate Column Boot Replacement - Kit # SK000266

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This TRW Commercial Steering Systems' service bulletin has been written to help you repair commercial vehicles more efficiently. This bulletin should not replace your manuals; you should use them together. These materials are intended for use by properly trained, professional mechanics, NOT "Do-it-yourselfers". You should not try to diagnose or repair steering problems unless you have been trained, and have the right equipment, tools and know-how to perform the work correctly and safely.

Disassembly

1. Disconnect the intermediate column from the vehicle. Take it to a clean work surface.
2. Before removing the clamps, measure and record or mark the distance from the boot to the end of the inner spline shaft as shown in the illustration on reverse side. Mark the alignment of the spline shaft to the outer tube.
3. Remove the clamps from both ends of the boot using pliers or other suitable tool.
4. Separate the two parts of the column by sliding the column's inner spline shaft out of the outer tube.
5. Remove and discard the boot and two clamps.
6. Wipe off the inner spline shaft using a clean cloth only.
4. Slide the new large clamp onto the outer tube.
5. Slide the inner spline shaft into the outer tube. Rotate the parts until proper alignment of the splines is found using the marks made on the parts prior to disassembly.
6. Position the boot on the inner spline shaft at the dimension measured prior to disassembly.
7. Position the small clamp over the boot and tighten using Oetiker Model 1090/5 Low Profile Pinchers.
8. Slide the large diameter end of boot over outer tube until the boot is located in the tube groove.
9. Position the large clamp over the boot and tighten using Oetiker Model 1090/5 Low Profile Pinchers.

⚠ CAUTION

Wipe tube with a clean cloth only, do not use cleansers. Use of cleanser could damage the column.

⚠ CAUTION

Do not over extend the column. Over extending the column may damage the boot or separate the inner tube from the outer tube.

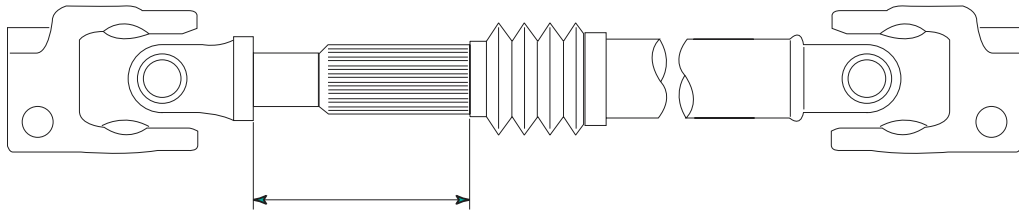
Assembly

1. Slide the new small clamp onto the inner spline shaft.
2. Slide the new boot onto the inner spline shaft and slide it past the blue coated area.
3. Lightly lubricate the blue coated area of the inner spline shaft with the Mobil SHC100 grease. (Use only SHC100 grease. If other grease is used, sliding effort may be increased).
10. Stroke the column to verify proper operation.
11. Reinstall the column onto the vehicle, tightening pinch bolts to vehicle manufacturer's specifications.

NOTE

TRW strongly recommends the use of new pinch bolts.

Distance to Measure



Measure and record this distance

Kit Contents

Item	Description
1	Small Diameter Clamp
2	Boot
3	Large Diameter Clamp

