

## Service Bulletin #COL-106

### On-Vehicle Intermediate Column Seal Replacement for Kit #SK000128

Released November, 1994

*This TRW Commercial Steering Division 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.*

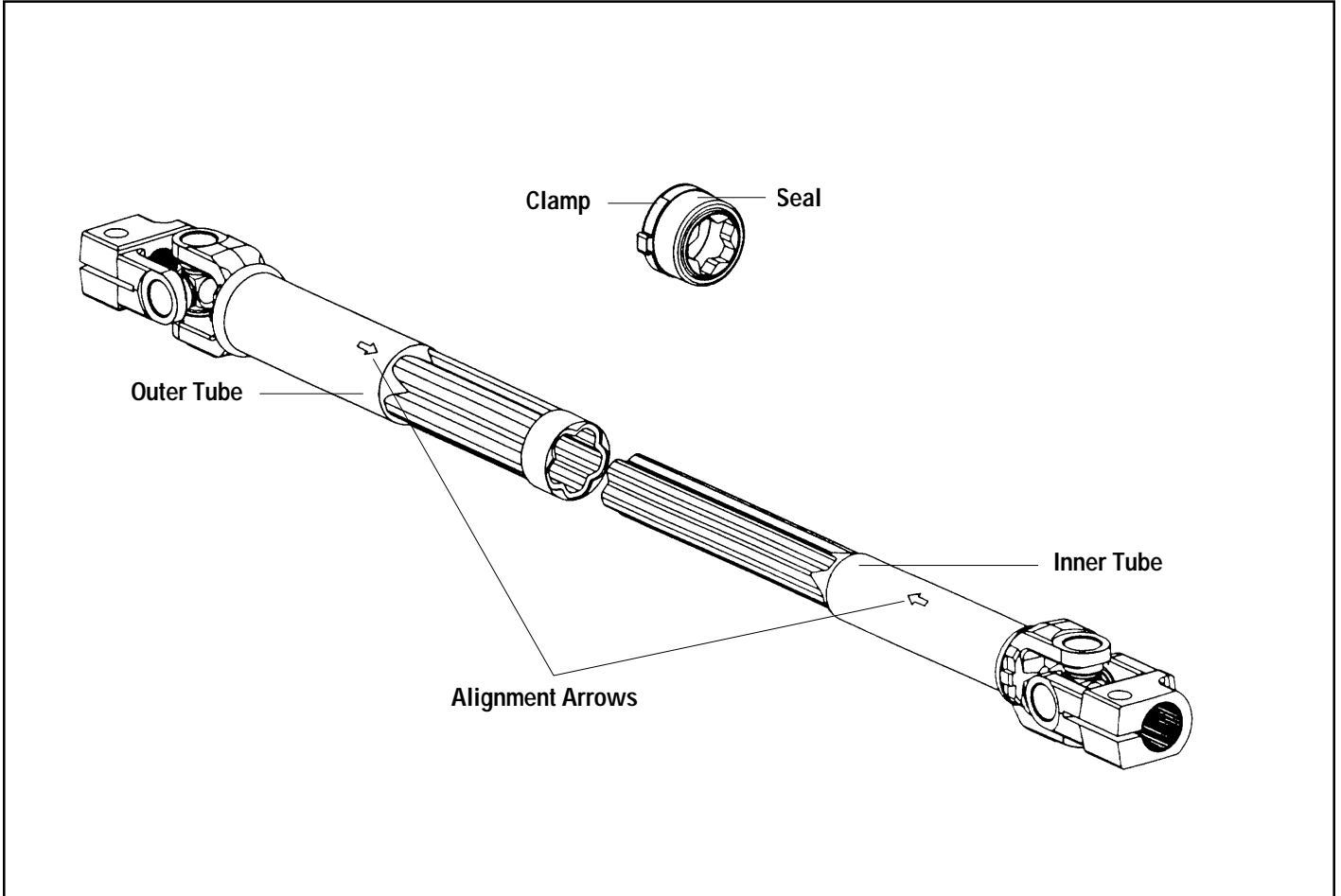
1. Locate the inner tube of the intermediate column (refer to artwork on reverse). Disconnect the pinch bolt and slide the inner tube's u-joint from its connection.
2. Slide the inner tube out of the outer tube, leaving the seal in place.

**CAUTION** Wear eye protection during step three. The small tab holding the clamp in place may break and fly off during the procedure.
3. Remove the clamp with pliers or other suitable tool.
4. Remove and discard the seal.
5. Wipe off the inner tube using a clean cloth only.

**CAUTION** Wipe tube with a clean cloth only, do not use cleansers. Use of cleanser could damage the column.
6. Put the new clamp on the new seal, but do not tighten.
7. Place the seal and clamp over the inner tube, and slide it down to near the end of the formed section.
8. Lubricate the formed section of the inner tube with the special grease provided in the kit.
9. Align the arrows on the inner and outer tubes. If arrows are not aligned, the two pieces will not fit together properly.
10. Slide the two pieces together until the seal comes to rest.
11. With the clamp flush against the flange on the seal, pinch the clamp together using Oetiker Model 1098I Straight Jaw Pincers.
12. Stroke the column several times to make sure the seal is firmly in place, and the column slides freely.
13. Reinstall the inner tube's u-joint to its connection. Install the pinch bolt and torque to vehicle manufacturer's specifications.

**NOTE**

TRW strongly recommends the use of a new pinch bolt.



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