

Service Bulletin #COL-123


Fixed Column Clockspring Plate Replacement

Service Kit #453100-X1

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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. Remove the steering wheel lock nut and steering wheel using a steering wheel puller.
2. Remove the flanged hex head bolt using a 3/8" socket.
3. Unplug the clockspring or horn contact, whichever is present.
4. Remove the clockspring plate by lifting straight off the column.
5. Remove the clockspring by unclipping from the plate, or remove the horn contact by removing two screws.
6. Inspect the hex head bolt for thread damage; replace if necessary. Inspect horn contact screws if applicable; replace if necessary.
7. Attach clockspring or horn contact to the new plate.
8. Install the new clockspring plate onto the column, aligning the cut out in the plate with the bolt hole in the column.
9. Plug in the clockspring or horn contact, whichever is present.
10. Install the hex head bolt into the bolt hole. Before tightening the bolt, adjust the clockspring plate until the distance from the top of the plate to the end of the wheel shaft is 2.79". Torque to **40-60 lbf•in**.
11. Reinstall the steering wheel and steering wheel lock nut. Torque to vehicle manufacturer's specifications.

 CAUTION	The distance from the top of the plate to the end of the wheel shaft must be 2.79".
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