

# CARDONE™ ProTech®

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## Binding Steering On Turns

**Application** Applies to all steering systems.

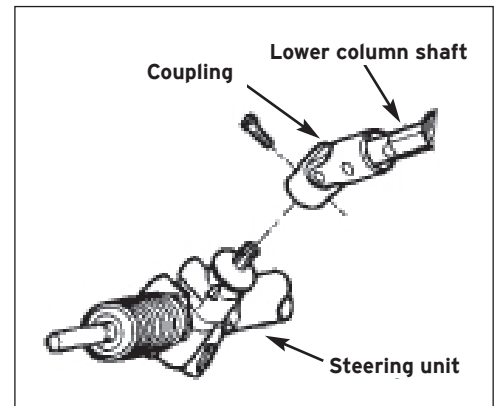
**Problem** Binding, tight feel when turning steering wheel.

**Cause** Possible steering coupling universal joint failure.

**Solution** Steering binding is often mistakenly diagnosed as a defective steering unit or power steering pump. Further diagnosis may reveal that it is a frozen or sticking universal coupling on the steering shaft that connects to the unit input shaft. Most couplers are sealed and cannot be lubricated. Exposure to weather and road conditions causes them to dry out and rust, shortening their life.

### Test Procedure

1. Disconnect the coupling from the steering unit input shaft (usually attached with a pinch bolt).
2. After sliding the coupling off of the input shaft, rotate the coupling U-joint in both directions to feel for any binding or tight spots.
3. If it is binding or tight, replace the coupling with a quality replacement.
4. If it is free and no binding is found, re-install coupling and continue diagnosis of other steering linkage and all mechanically-connected components. If all component test results are good, continue with diagnosis of hydraulic system including pressure tests. Refer to your vehicle's service manual for repair procedures, specs and possible TSB's.



### Note

This ProTech® bulletin is supplied as technical information only and is not an authorization for repair.