

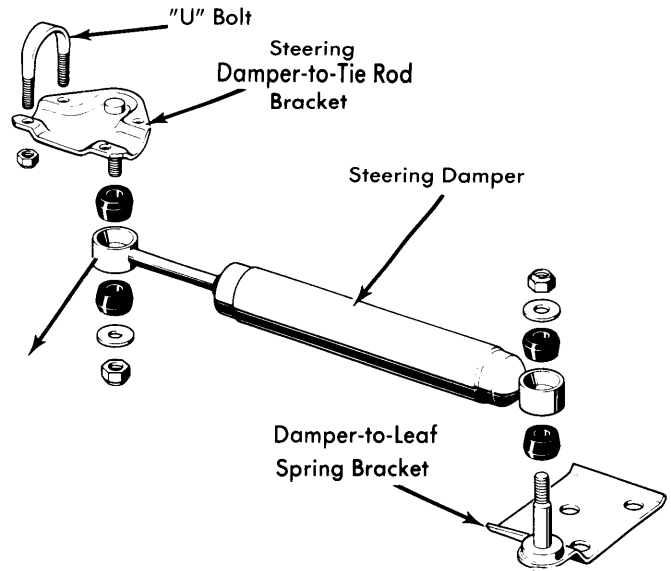
# Steering Linkage

## JEEP

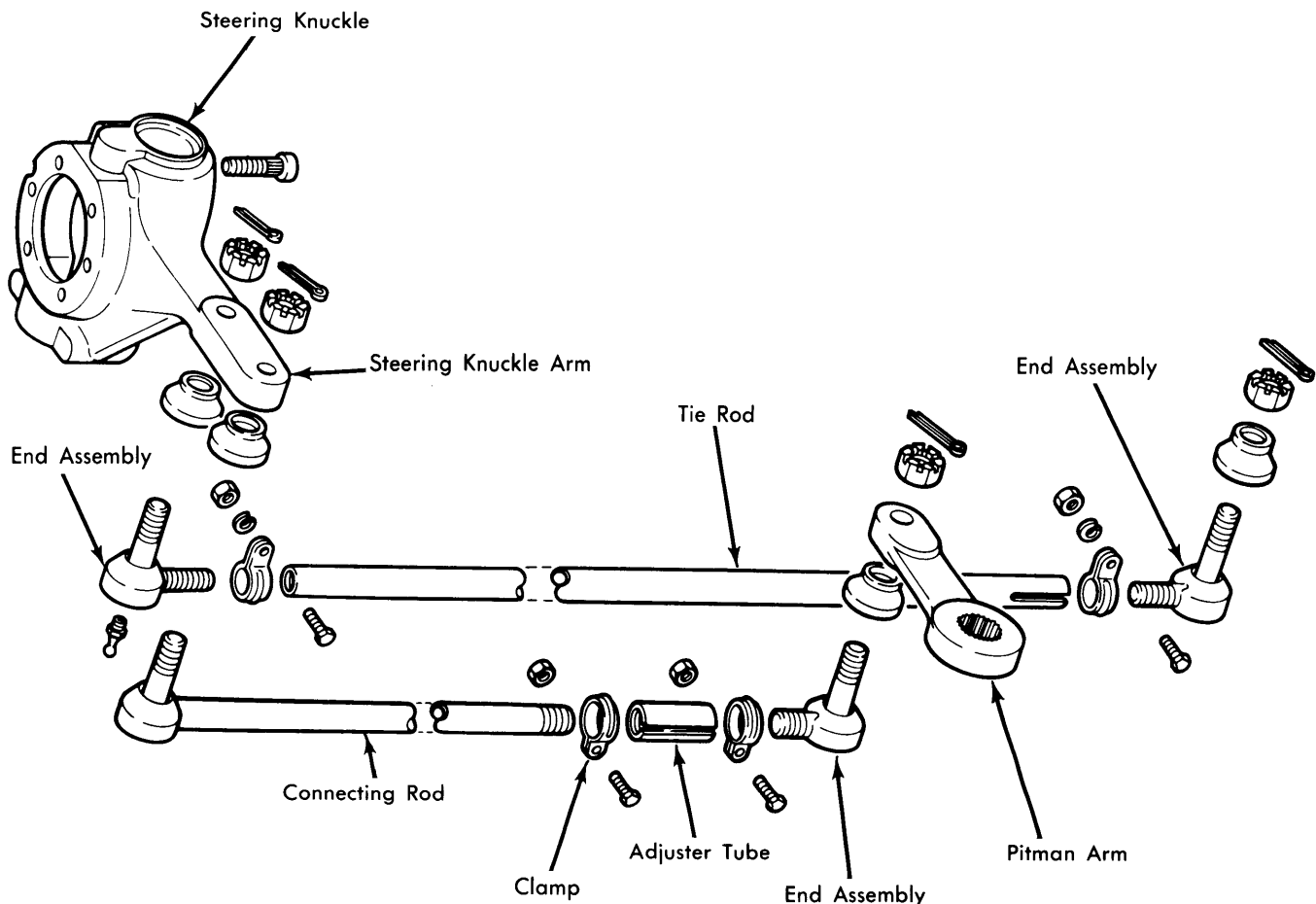
### All Models

**Tie Rod Replacement** — Remove cotter pins and retaining nuts at both ends of tie rod and from end of connecting rod where it attaches to tie rod. Disconnect steering damper push rod at tie rod bracket. Remove tie rod ends from steering arms and connecting rod using a puller or expansion fork. To install, attach tie rod ends to steering arms. Tighten nuts and install new cotter pins. Attach connecting rod, tighten nuts, and install new cotter pin. Attach steering damper. Check and adjust toe-in as necessary.

**Steering Damper Replacement** — With front wheels in straight-ahead position, remove lock nut securing damper to bracket on tie plate, then lift damper off stud. Remove lock nut securing push rod end to tie rod bracket and remove damper assembly. To install, install rubber bushings in damper eyelets, then secure eyelet at push rod end to stud on tie rod bracket with attaching hardware. Install rubber bushings in damper body eyelet. Extend push rod by pulling back on damper body until eyelet can be located on, and secured to, stud on damper bracket. Tighten all lock nuts.

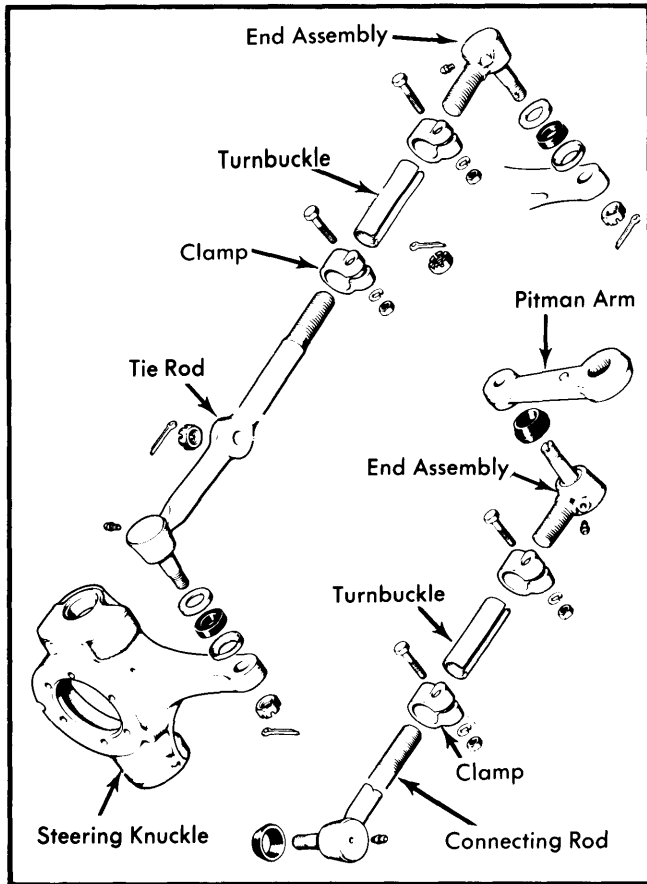


**Fig. 1 Positioning of Steering Damper Bushings**  
All Models Except CJ



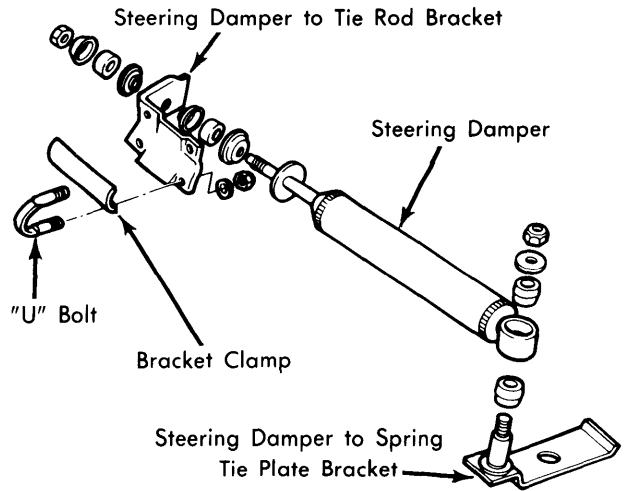
**Fig. 2 Disassembled View of Steering Linkage**  
(CJ Models)

## JEEP (Cont.)



**Fig. 3 Disassembled View of Steering Linkage (Cherokee, Wagoneer & Truck Models)**

**Connecting Rod Replacement** – Remove cotter pins and nuts from both ends of connecting rod, then remove rod. When installing be sure wheels are in straight ahead position and steering arm is parallel to centerline of vehicle. Have steering gear steering arm properly indexed, with line marks on steering arm, and gear shaft on center of high point. With steering arm so positioned, install connecting rod.



**Fig. 4 Steering Damper Assembly CJ Models**

### TIGHTENING SPECIFICATIONS

Application	Ft. Lbs.
Connecting Rod Clamp Bolt	
CJ Models .....	10-15
All Other Models .....	25-35
Connecting Rod $\frac{5}{8}$ " (To Castellated Nut Slot) .....	70 Min.
Connecting Rod $\frac{9}{16}$ " (To Castellated Nut Slot) .....	60 Min.
Pitman Arm-to-Shaft .....	160-210
Tie Rod Clamp Bolt	
CJ Models .....	10-15
All Other Models .....	25-35
Tie Rod Stud Nuts (To Castellated Nut Slot) CJ Models .....	40 Min.
Tie Rod Stud Nuts (To Castellated Nut Slot) All Other Models .....	60 Min.
Steering Damper Lock Nut	
CJ Models .....	16-28
All Other Models .....	24-36