

Steering Linkage

CHRYSLER CORP.

SERVICE PROCEDURES

2-WD MODELS

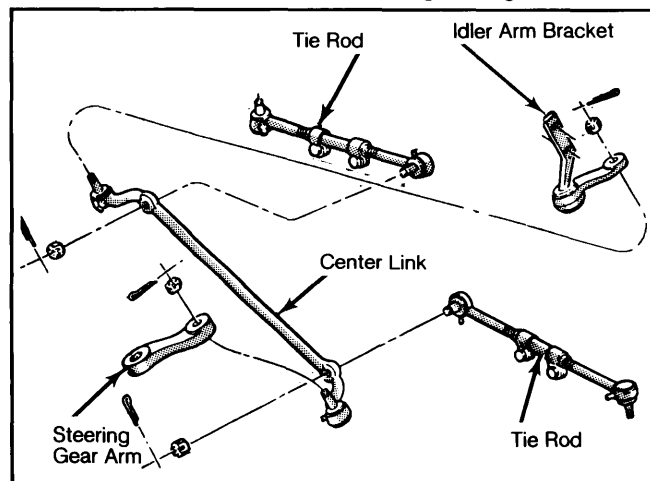
NOTE: Removal of tie rod ends from steering arm or center link by methods other than using tie rod end puller (C-3894-A) will damage tie rod end seal.

Tie Rod Replacement

1) Raise vehicle on hoist and remove cotter key and nut from tie rod end. Install puller (C-3894-A) and remove tie rod end from center link. Loosen sleeve clamping bolt and unscrew tie rod end.

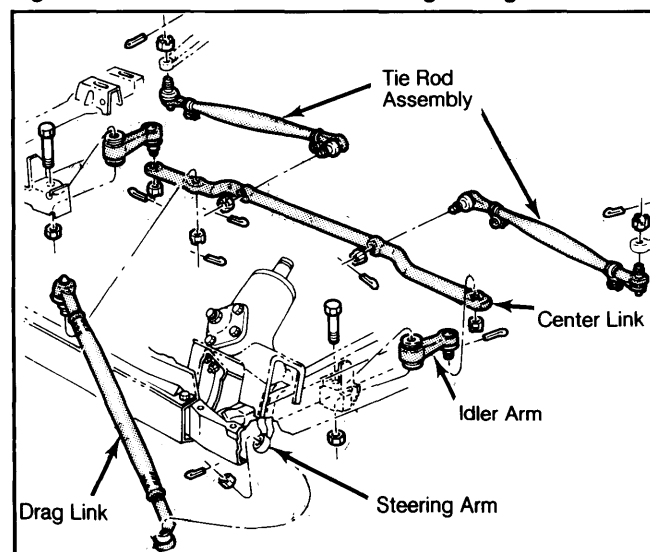
2) Screw new tie rod end onto sleeve. Connect rod end to knuckle arm or center link and torque to specifications. Install cotter key. Lower vehicle and adjust toe-in. Position clamp on sleeve so that bolt is on the bottom on van models, or so that bolt and clamp opening is in line with slot in sleeve on pickup models.

Fig. 1: Disassembled View of Steering Linkage



2-WD Pickup Models shown.

Fig. 2: Disassembled View of Steering Linkage



Van Models shown.

Ball Joints

Compression (tension) type lower ball joints are used on all models. Ball joints are of semi-permanent lubricated type except on vehicles for off-highway use. Lower ball joints should be replaced if axial end play exceeds .020" (.5 mm).

4-WD MODELS

Ball Joints

Steering linkage ball joint service is the same as on 2-WD models. Servicing ball joints used on steering knuckles requires dismantling of knuckle. Any end play or looseness in ball joints on 4-WD models requires replacement of ball joints.

Tie Rod Replacement

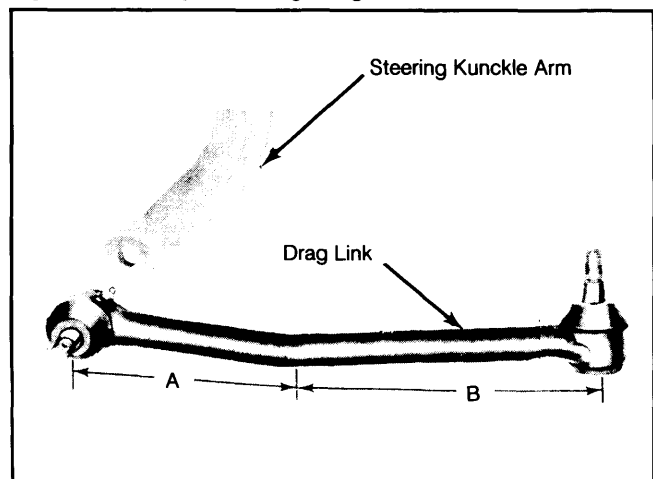
1) Raise vehicle. Turn wheels to give best access to tie rod end. Remove cotter key and nut. Loosen clamping bolt nut. Install tie rod puller (C-3894-A) and remove tie rod end from steering knuckle. Measure and record distance from end of tie rod to outside edge of tie rod end. Unscrew tie rod end.

2) When installing, screw new tie rod end onto tie rod the same distance as recorded when removing old tie rod end. Reverse removal procedures, and position clamping bolt to bottom of tie rod. Adjust toe-in.

Drag Link

Drag link must be installed to steering knuckle arm with short half ("A") attaching to knuckle arm.

Fig. 3: Correctly Installing Drag Link for 4-WD Models



TIGHTENING SPECIFICATIONS

Application	Ft.Lbs. (N.m)
Tie Rod Clamping Bolts	
Pickup & Van	113 (18)
Tie Rod End Nuts	
2-WD Pickup	40 (54)
4-WD Pickup	60 (82)
Van	
9/16" Nut	55 (75)
5/8" Nut	75 (102)

¹ - Heavy Duty models 26 (35).