

FORD MOTOR CO.

ALL MODELS

Tie Rod & Link Replacement (Exc. F-250 4WD) – 1) Replace drag link or connecting rods if ball studs are excessively loose, components are bent or threads are stripped. Never try and straighten drag link or connecting rods.

2) Remove cotter pins and nuts from drag link ball studs and from right connecting rod ball stud. Remove right connecting rod ball stud from drag link. Remove connecting rod ball studs from steering arm and pitman arm.

3) Remove cotter pin and nut from left connecting rod. Remove ball stud from steering arm. Loosen clamp bolts on adjustment sleeve. Unscrew left and right connecting rods from adjustment sleeve.

4) Lubricate threads of new connecting rods. Screw into adjusting sleeve approximately same distance as old connecting rods. For "E" models, see illustration (see Fig. 2) for correct position of adjusting sleeve clamps.

5) Install drag link in position. Tighten nuts and install cotter pins. Install connecting rods and adjusting sleeve in position. Tighten nuts and install cotter pins. Check vehicle toe-in and adjust as necessary.

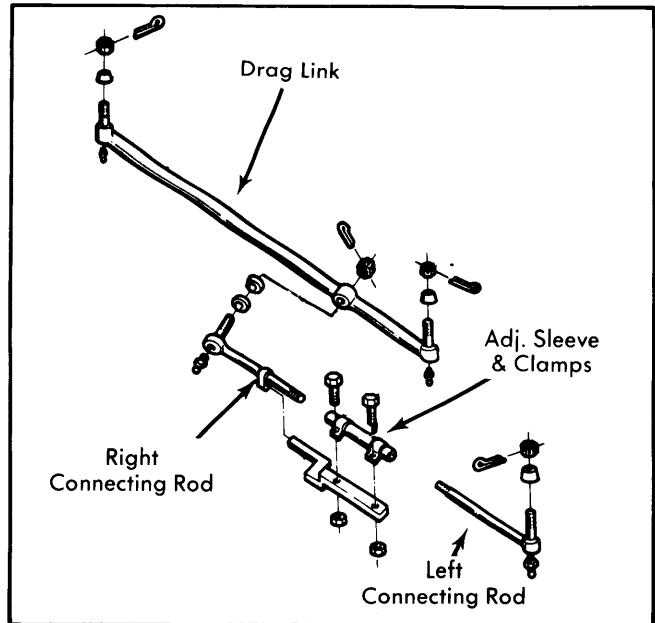


Fig. 1 Disassembled View of Steering Linkage (All Models, Exc. F-250 4WD)

Drag Link Replacment (F-250 4WD Only) – Replace drag link if ball studs are excessively loose or if drag link is bent. Do not attempt to straighten drag link.

2) Remove cotter pins and nuts. Separate ball studs from mating parts. To install, reverse removal procedure. Tighten nuts and install cotter pins.

Tie-Rod Replacement (F-250 4WD Only) – Remove tie-rod shock absorber. Remove cotter pins and nuts from ball studs. Separate ball stud from steering arms. To install, reverse removal procedure. Tighten nuts and install cotter pins. Check toe-in and adjust as necessary.

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs.
Steering Gear-to-Frame	65
Pitman Arm-to-Steering Gear	
"E" & "F" (2WD) Models	170-230
Bronco & F150	105-135
Drag Link Studs	50-75
Spindle Connecting Rod Studs	60-70
Rod Clamps	
F100-250	35-45
F350	40-60
"E" Models	29-41

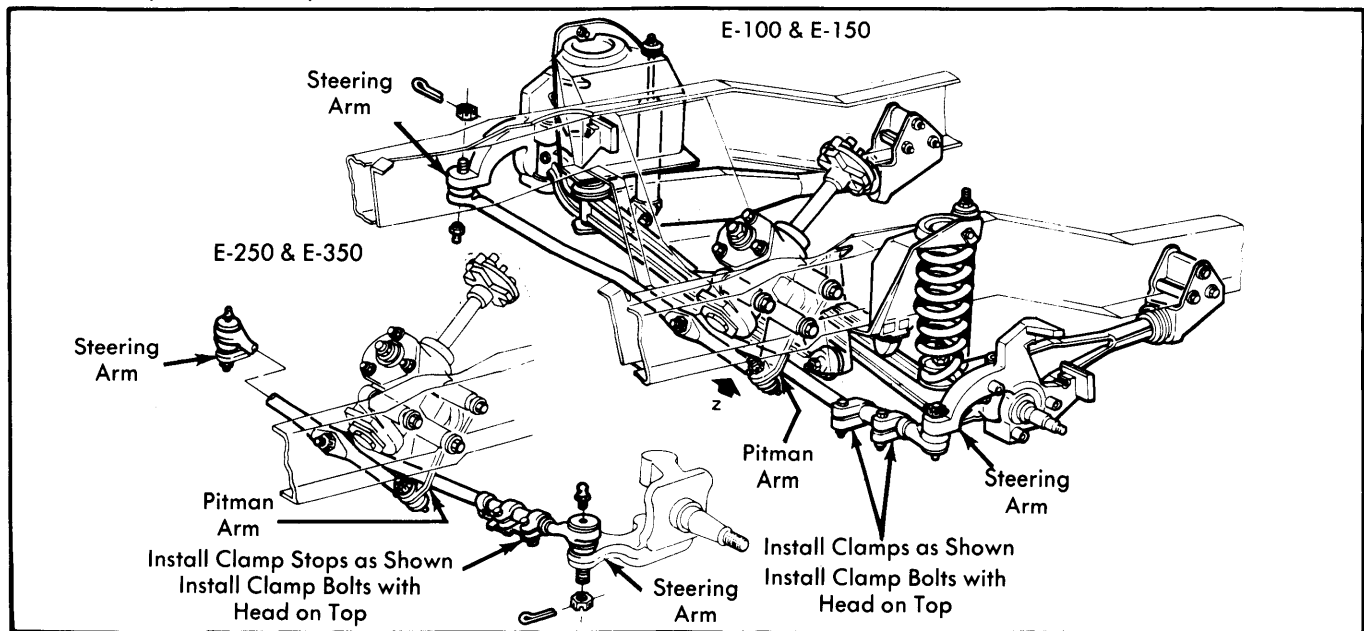


Fig. 2 "E" Models Steering Linkage