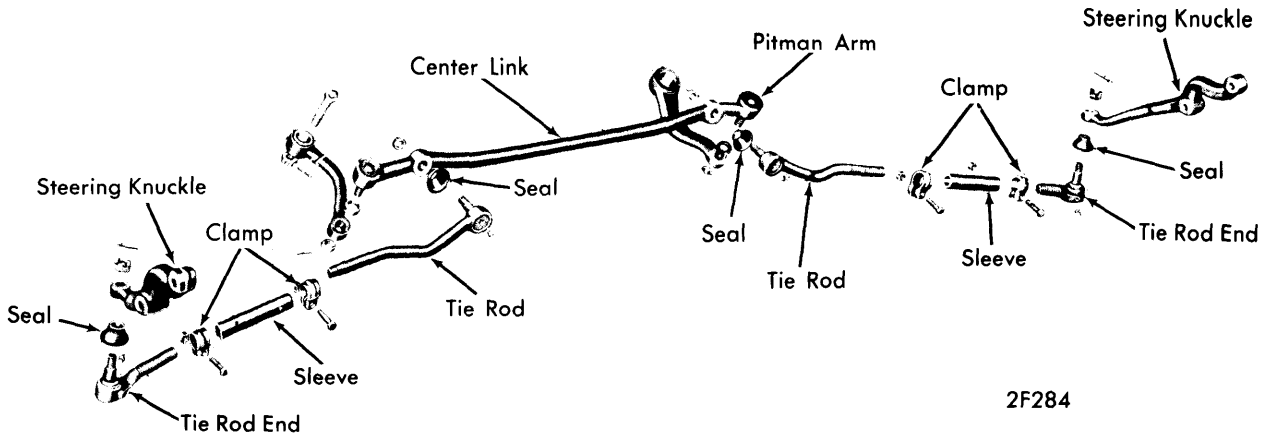


Steering Linkage

STEERING LINKAGE (Cont.)



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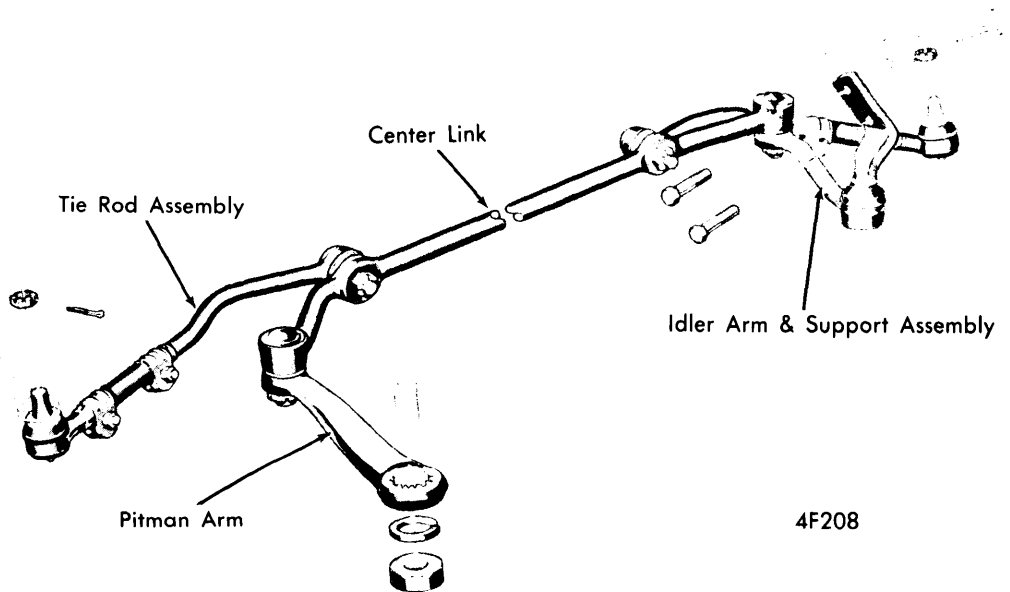
CHRYSLER CORP. STEERING LINKAGE (TYPICAL)

GENERAL MOTORS

Linkage consists of an idler arm, bracketed to right frame member; center cross link, connected between pitman arm and idler arm; left and right tie rods, connected from center cross link to steering knuckles. Tie rods have sleeve adjustment to set toe-in. *NOTE* — On *Eldorado* and *Toronado*, idler arm is connected to front crossmember. *Eldorado* and *Toronado* have a steering damper connected from center cross link to a bracket welded on front frame crossmember.

JEEP

Linkage consists of a pitman arm, connected to steering gear and connecting rod; connecting rod, coupled to pitman arm and tie rod; tie rod, connected to both steering knuckles and to connecting rod; and a steering damper, connected to tie rod and a bracket mounted between left axle spring and spring pad.



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GENERAL MOTORS STEERING LINKAGE (TYPICAL, EXCEPT ELDORADO & TORONADO)

Steering Linkage

STEERING LINKAGE (Cont.)

TIGHTENING SPECIFICATIONS

AMERICAN MOTORS & JEEP

| Application | Ft. Lbs. |
|----------------------------------|----------|
| Pitman Arm to Steering Gear | |
| American Motors | 115 |
| Jeep | 160-210 |
| Idler Arm to Support..... | 50 |
| Pitman Arm to Cross Link | 35 |
| Idler Arm to Cross Link..... | 55 |
| Tie Rod to Steering Knuckle..... | 35 |
| Tie Rod to Cross Link..... | 35 |
| Tie Rod Clamps..... | 12 |

CHRYSLER CORP.

| Application | Ft. Lbs. |
|---------------------------------------|---------------|
| Pitman Arm to Steering Gear..... | 175 |
| Idler Arm to Support..... | 65 |
| Pitman Arm to Cross Link | 40 |
| Idler Arm to Cross Link..... | 40 |
| Tie Rod to Steering Knuckle..... | 40 |
| Tie Rod to Cross Link | 40 |
| Tie Rod Clamps | |
| Fury, Monaco, Chrysler, Imperial..... | 150 INCH Lbs. |
| All Others | 132 INCH Lbs. |

FORD MOTOR CO.

| Application | Ft. Lbs. |
|----------------------------------|----------|
| Pitman Arm to Steering Gear..... | 150-225 |
| Idler Arm to Support | |
| Maverick and Comet..... | 50-65 |
| All Others | 35-50 |
| Pitman Arm to Cross Link | 35-47 |
| Idler Arm to Cross Link..... | 50-70 |
| Tie Rod to Steering Knuckle..... | 35-47 |
| Tie Rod to Cross Link | |
| Maverick and Comet..... | 30-40 |
| All Others | 35-47 |
| Tie Rod Clamps..... | 15-20 |

GENERAL MOTORS

| Application | Ft. Lbs. |
|-------------------------------------|----------|
| Pitman Arm to Steering Gear | |
| Buick | |
| Apollo..... | 140-160 |
| All Others | 160-210 |
| Cadillac..... | 185 |
| Chevrolet | |
| Nova, Vega with power steering..... | 140 |
| Vega with Manual Steering | 93 |
| All Others | 185 |
| Oldsmobile | |
| Toronado | 180-210 |
| All Others | 180 |
| Pontiac | |
| Ventura | 140 |
| All Others | 185 |
| Idler Arm to Support | |
| Buick | |
| Apollo..... | 25-35 |
| All Others | 45-55 |
| Cadillac | |
| Eldorado | 95 |
| All Others | 35 |

| | |
|-----------------------------|---------------|
| Chevrolet | |
| Nova, Corvette, Vega | 30 |
| All Others | 48 |
| Oldsmobile | |
| Toronado | 110 |
| All Others | 40 |
| Pontiac | 40 |
| Pitman Arm to Cross Link | |
| Buick | 40-55 |
| Cadillac | |
| Eldorado | 60 |
| All Others | 45 |
| Chevrolet | |
| Vega | 35 |
| All Others | 45 |
| Oldsmobile..... | 45-55 |
| Pontiac | |
| LeMans, Grand Prix | 30 |
| Ventura | 45 |
| All Others | 35 |
| Idler Arm to Cross Link | |
| Buick | 35-45 |
| Cadillac | |
| Eldorado | 60 |
| All Others | 40 |
| Chevrolet..... | 35 |
| Oldsmobile | |
| Omega, Cutlass | 35-45 |
| All Others | 40-50 |
| Pontiac | |
| LeMans, Grand Prix | 30 |
| Ventura | 45 |
| All Others | 35 |
| Tie Rod to Steering Knuckle | |
| Buick | 30-40 |
| Cadillac..... | 37 |
| Chevrolet..... | 35 |
| Oldsmobile..... | 35-50 |
| Pontiac | 30 |
| Tie Rod to Cross Link | |
| Buick | |
| Apollo, Century | 30-50 |
| All Others | 50-70 |
| Cadillac..... | 60 |
| Chevrolet | |
| Full Size Models | 60 |
| All Others | 35 |
| Oldsmobile | |
| Omega, Cutlass | 40-55 |
| All Others | 60-85 |
| Pontiac | |
| Catalina, Bonneville, | |
| Grand Ville, Firebird | 50 |
| All Others | 30 |
| Tie Rod Clamps | |
| Buick | |
| Apollo..... | 9-13 |
| All Others | 19-24 |
| Cadillac..... | 22 |
| Chevrolet | |
| Corvette, Nova, Vega | 132 INCH Lbs. |
| All Others | 22 |
| Oldsmobile..... | 19-24 |
| Pontiac | |
| Ventura | 12 |
| All Others | 20 |