

Front Suspension

1965-74 CHRYSLER CORP. LEAF SPRING TYPE

Dodge (1965-74)

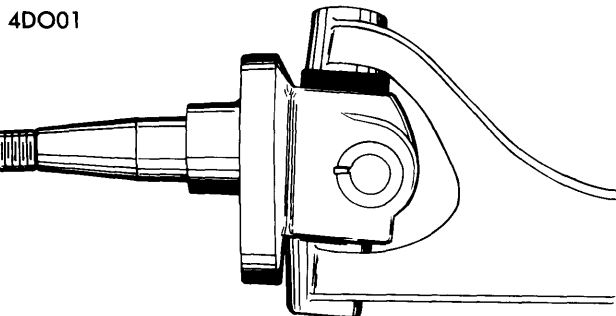
NOTE — Some models use other units. See Chrysler Corp. Coil Spring Type in this Section.

DESCRIPTION

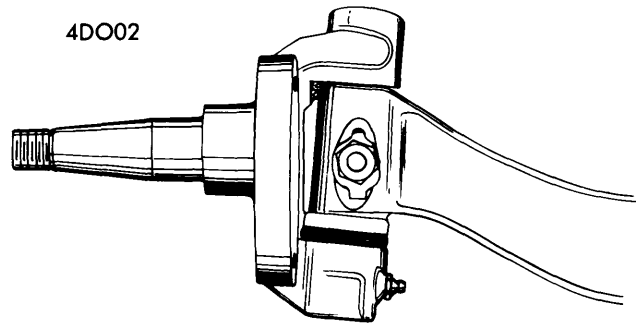
Front axles used on 2-Wheel drive vehicles are either Elliot or reverse Elliot type. Axles are mounted to frame by semi-elliptical leaf springs. Steering knuckles are mounted to axle by solid, constant diameter kingpins. Both nylon and bronze kingpin bushings are used to provide bearing surfaces for kingpins. Bushings are pressed into axle on Elliot type, and into steering knuckles on reverse Elliot type. Hydraulic shock absorbers are double-action type, mounted between frame and axle assembly.

WHEEL BEARING ADJUSTMENT

See Wheel Bearing Adjustment in WHEEL ALIGNMENT Section.



ELLIOT TYPE AXLE END



REVERSE ELLIOT TYPE AXLE END

ADJUSTMENT

WHEEL ALIGNMENT SPECIFICATIONS & PROCEDURES

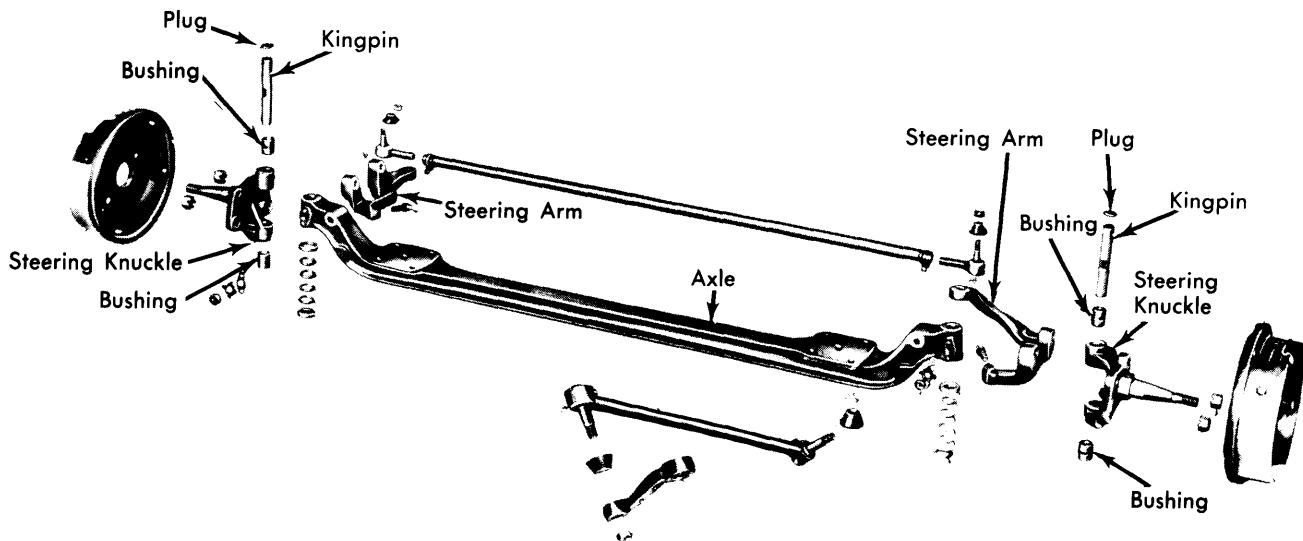
See Wheel Alignment Specifications & Procedures in WHEEL ALIGNMENT Section.

REMOVAL & INSTALLATION

STEERING KNUCKLE

Removal — Raise and support vehicle under frame, and remove wheel. Remove brake drum, then remove brake assembly from steering knuckle, and support to prevent damage to brake hose. Remove steering arm from steering knuckle, and remove kingpin lock screw. **NOTE** — Some models use two lock screws on each kingpin. Remove upper kingpin grease seal plug, and drive kingpin downward out of assembly. This will force lower grease seal plug from assembly. Remove thrust bearing and steering knuckle.

Installation — To install, reverse removal procedure, using new grease seal plugs, and making sure flat portions of kingpins are aligned with lock screw holes.



FRONT AXLE ASSEMBLY

4DO03

1965-74 CHRYSLER CORP. LEAF SPRING TYPE (Cont.)

KINGPIN BUSHINGS

Removal — *NOTE* — Nylon bushings require no special tools for removal. With kingpin removed, they can easily be removed by hand. Remove steering knuckle from vehicle as previously described. Using suitable removal tool (C-328A), remove upper bushing from the top, and lower bushing from the bottom. *NOTE* — Bushings are pressed into axle on Elliot type axles, and into steering knuckle on reverse Elliot type axles.

Installation — *NOTE* — Nylon bushings may be installed by hand and require no reaming. Press bushings into axle or steering knuckle, being sure grease holes in bushings are aligned with grease fitting holes. Line ream bushings, using suitable reamer (C29), to obtain kingpin-to-bushing clearance of .0005-.0025" (reverse Elliot type axle) or .002" (Elliot type axle). Fill grease grooves in bushings with chassis lubricant, and install steering knuckle as previously described.