FRONT SUSPENSION AND AXLE

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GENERAL INFORMATION

FRONT SUSPENSION

The Grand Cherokee front suspension is a link/coil design comprised of (Fig. 1):

Drive axle (4WD), tube axle (2WD)

Track bar

Stabilizer bar

Upper and lower suspension arms

Coll springs

Dual-action shock absorbers

Jounce bumpers (used to limit the travel of the suspension) The front suspension is designed to allow each wheel to adapt to different road surfaces without greatly affecting the opposite wheel. The wheels are mounted to hub/bearings that ride on tapered bearings on the steering knuckle. The hub/bearing design is not serviceable and is replaced as a unit only. The steering knuckles turn (pivot) on replaceable ball studs mounted on the axie tube vokes.

The upper and lower suspension arms use bushings to isolate road noise. The suspension arms are bolted to the frame and axle through the rubber bushings. The lower suspension arm uses cam bolts at the axle

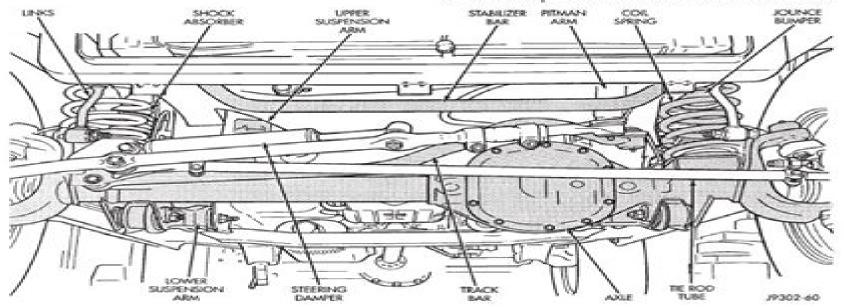


Fig. 1 Front Suspension

<u>Jeep Wrangler Tj Factory Service Manual 2003</u>

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