

## PEUGEOT

504

### DESCRIPTION

504 models use independent rear suspension by means of trailing arms and coil springs. Rear hub is supported by lower trailing arms which run forward to pivot points on rear axle crossmember. Coil springs mount between suspension crossmember at top and trailing arm at bottom. Hydraulic shock absorbers also mount between suspension crossmember and trailing arm, and are located inside coil spring. A stabilizer bar is mounted to frame and connected at ends to trailing arms.

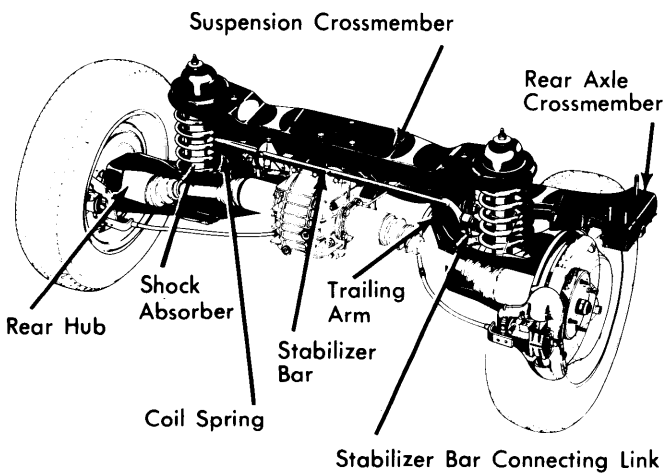


Fig. 1 Peugeot 504 Rear Suspension Assembly

### REMOVAL & INSTALLATION

#### SHOCK ABSORBERS

**Removal** — From inside luggage compartment, remove lock nut at top of shock absorber while holding shock to prevent rotation. On trailing arm, remove lower pivot bolt and remove shock absorber.

**Installation** — To install, reverse removal procedure using new rubber washers and lock nut. Tighten upper mounting to specification, then tighten lower.

#### TRAILING ARMS

**Removal** — Raise vehicle and place safety stands under rear crossmember, remove wheel. Install suitable hub holding tool (8.0521) and loosen, but do not remove hub nut. Remove hub holding tool, unclip parking brake cable from trailing arm, and disconnect cable from rear brake. Remove stabilizer bar links from trailing arms. Remove nuts from trailing arm pivots and drive inner pivot out, installing suitable rod (8.0906) in its place. Remove trailing arm outer pivot, leave shock absorber attached, and remove rod from inner pivot. Disengage trailing arm from crossmember. Compress universal joints on drive shaft and pull assembly to disengage splined end of shaft from differential housing. **CAUTION** — Take care not to damage differential oil seal with end of shaft. Remove hub nut and withdraw drive shaft using suitable extractor (8.0521Z). Place jack under trailing arm, raise arm and remove shock absorber. Remove brake hose from lug on trailing arm. Remove nut securing stabilizer bar link under trailing arm, withdraw metal cup and rubber washer and refit nut immediately to prevent upper parts from falling inside arm. Unscrew rear trailing arm pivot nuts, lower jack carefully and remove coil spring. Withdraw rear arm trailing pivots and remove trailing arm.

**Installation** — To install, reverse removal procedure, replacing all lock nuts and lock washers. Torque all nuts and bolts to specifications, however, do not torque lower shock absorber nut and trailing arm pivot nuts until weight of vehicle, with two people in rear seat, is on suspension.

### TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (mkg)
Upper Shock Absorber Nut.....	9 (1.2)
Lower Shock Absorber Nut.....	33 (4.6)
Trailing Arm Pivot Nuts.....	47 (6.5)
Rear Hub Nut .....	181 (25.0)
Stabilizer Bar Link Nuts .....	33 (4.6)