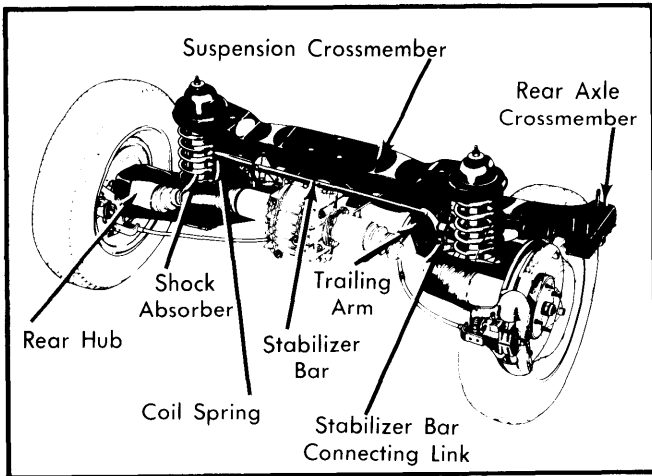


## PEUGEOT

505  
604

### DESCRIPTION

Independent rear suspension utilizing trailing arms and coil springs. Rear hub is supported by lower trailing arms which pivot at points on rear axle crossmember. Coil springs are mounted 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** Sectional View of Peugeot Rear Suspension

### 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** – 1) Raise and support vehicle on safety stands under rear crossmember; remove tire and wheel. Remove brake disc pads. Disconnect hydraulic line from trailing arm. Remove caliper mounting bolts and suspend caliper out of way. Use care not to bend or kink hydraulic lines.

2) Remove drive shaft nut. Remove bearing housing bolts and pull shaft, hub and disc assembly from arm. Raise the lower arm with a jack to compress spring; remove shock absorber. Disconnect parking brake cable from lower arm. Remove stabilizer connecting link nut at lower arm; remove metal cup and rubber mount and refit nut to prevent upper parts from falling inside arm.

3) Unscrew rear arm pivot nuts and carefully lower jack. Remove spring and upper rubber mount. Remove rear arm 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 Nut.....	9 (1.2)