

# Rear Suspension

## PEUGEOT

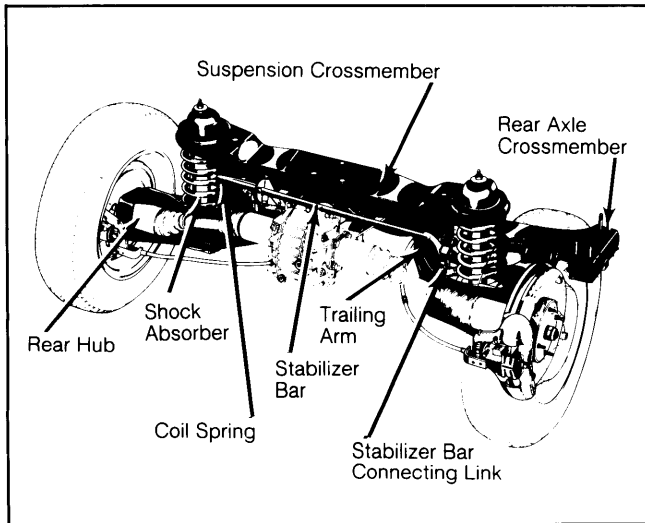
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### DESCRIPTION

An independent rear suspension utilizing trailing arms and coil springs is used. Rear hub is supported by lower trailing arms which pivot at point on rear axle crossmember.

Coil springs are mounted between suspension crossmember at top and trailing arm at bottom. Hydraulic shock absorbers are located inside coil spring. A stabilizer bar is mounted to frame and connected at ends to trailing arms.

**Fig. 1: Assembled View of Peugeot Rear Suspension**



## REMOVAL & INSTALLATION

### SHOCK ABSORBER

#### 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 bolts and remove shock absorber.

#### Installation

To install, reverse removal procedures. Use new rubber washers and lock nut. Tighten upper retaining bolt first, then tighten lower mount to specifications.

### COIL SPRING & TRAILING ARM

#### Removal

1) Raise vehicle and support with safety stands, under rear crossmember. Remove wheel assemblies. Disconnect hydraulic line from trailing arms. Remove calipers retaining bolts and support calipers out of the way.

2) Remove drive shaft nut. Remove bearing housing bolts and pull shaft, hub, and disc assemblies from arms. Raise the lower arm with a floor jack to compress spring. Remove shock absorber.

3) Disconnect parking brake cables from lower arms. Remove stabilizer connecting link nuts at lower arms. Remove metal cup and rubber mount and refit nut to prevent upper parts from falling inside arms.

4) Unscrew rear arm pivot nuts and carefully lower floor jack. Remove spring and upper rubber mount. Remove rear arm pivots and remove trailing arm.

#### Installation

To install, reverse removal procedures. Replace 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, and weight of 2 people in rear seat, is on suspension.

### TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (N.m)
Lower Shock Absorber Nut .....	33 (45)
Rear Hub Nut .....	181 (246)
Trailing Arm Pivot Nuts .....	47 (64)
Stabilizer Bar Link Nut .....	9 (12)
Upper Shock Absorber Nut .....	9 (12)