

# Rear Suspension

## FIAT 124

### 124 Spider

### DESCRIPTION

Link type rear suspension with coil springs. System uses upper and lower control arms attaching rear axle to body. Brackets on rear axle and body support coil springs with hydraulic, double acting shock absorbers mounted inside coil spring. A stabilizer bar pivots on rear axle and body.

### REMOVAL & INSTALLATION

#### UPPER & LOWER CONTROL ARMS

**Removal** — Raise and support vehicle. Place support under rear axle. Remove nuts and bolts attaching control arms to axle and to body. Remove control arms.

**Installation** — Before installing, inspect all parts for signs of damage or wear and replace as necessary. To install, reverse removal procedure.

#### SHOCK ABSORBERS

**Removal** — Remove shock absorber upper retaining nuts from inside luggage compartment. Remove nuts attaching shock absorber to spring seat plate and remove shock absorber.

**Installation** — To install, reverse removal procedure and tighten all nuts and bolts.

#### COIL SPRINGS

**Removal** — Raise rear of vehicle and support. Remove wheels and disconnect brake lines. Disconnect parking brake. Remove nuts attaching shock absorbers to body. Disconnect pressure regulator link from axle housing. Support axle with jack, disconnect upper and lower control arms and stabilizer bar. Lower suspension assembly and remove springs.

**Installation** — Before installing, inspect all parts for signs of excessive wear or damage and replace as necessary. To install, reverse removal procedure and tighten all nuts and bolts. Bleed and adjust brakes if necessary.

#### STABILIZER BAR

**Removal** — Remove nuts and bolts attaching stabilizer bar to rear axle and body and remove bar.

**Installation** — Inspect all parts for signs of distortion, wear or damage. To install, reverse removal procedure and tighten all nuts and bolts.

### TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (mkg)
Stabilizer Bar .....	58 (8.0)
Upper Control Arm-to-Body.....	25 (3.5)
Lower Control Arm-to-Body .....	58 (8.0)
Upper & Lower Control Arm-to-Axle .....	72 (10.0)
Shock Absorber Mountings.....	36 (5.0)

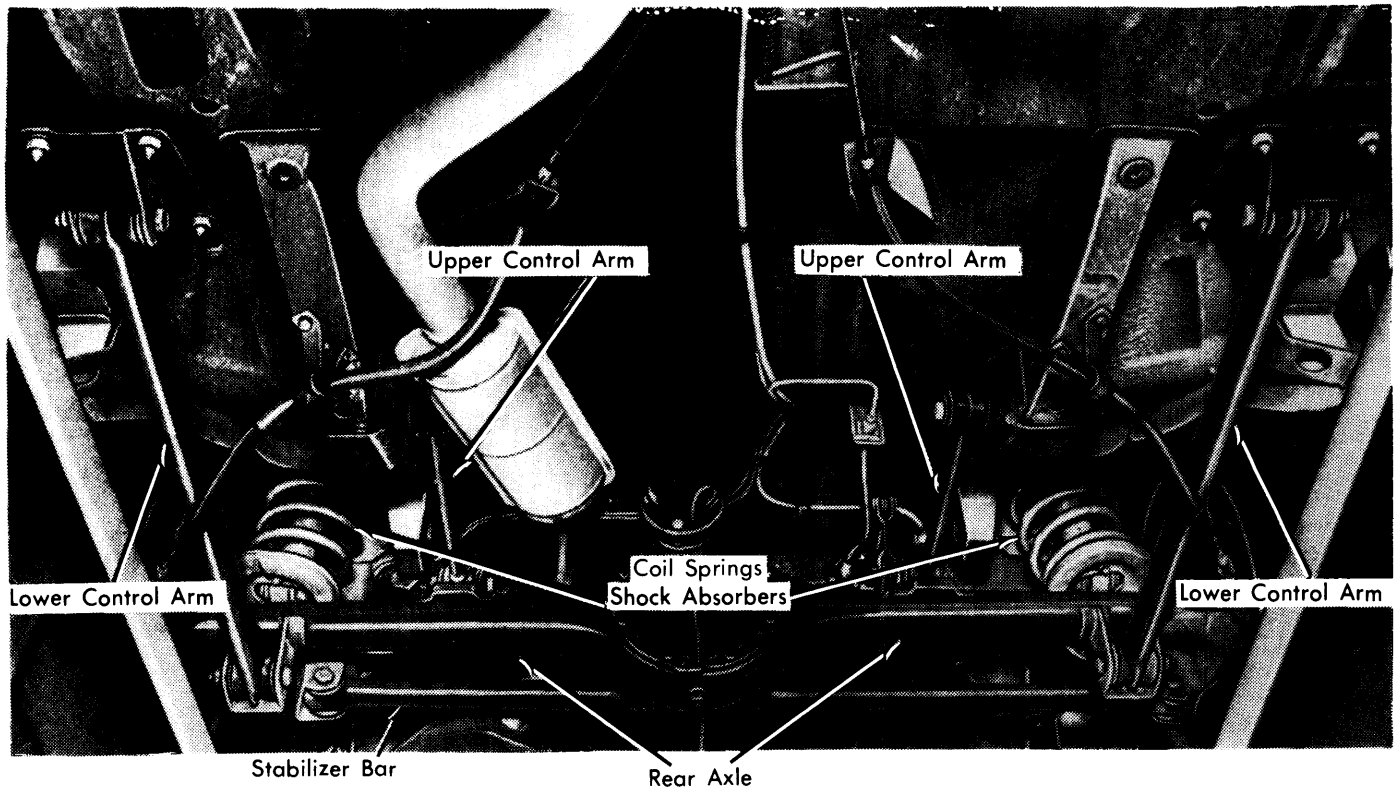


Fig. 1 Installed View of Fiat 124 Rear Suspension Assembly