

## FIAT 131

131

### DESCRIPTION

Rear suspension is live axle with coil spring type. Upper and lower control arms, running forward from axle, are used. A track bar is connected at one end to axle and on opposite side of vehicle to frame. Coil springs mount between axle assembly and frame. Hydraulic shock absorbers are used and are mounted between axle and body inside of coil springs.

### REMOVAL & INSTALLATION

#### REAR SUSPENSION ASSEMBLY

**Removal** – Raise vehicle, support with safety stands, and remove rear wheels. Disconnect propeller shaft from rear axle. Disconnect parking brake cable from cable housing assembly. Disconnect track bar from frame. Position a jack under axle assembly and raise jack enough to support axle. Disconnect

lower control arms from frame bracket, then remove brake cable and brake regulator rod from bracket. Disconnect brake hose from "T" fitting on rear axle. Disconnect upper control arms from frame bracket. Disconnect shock absorber from upper mount and upper mount from body. Lower rear axle with suspension from vehicle.

**Installation** – To install rear axle, reverse removal procedure while noting the following: Tighten nuts and bolts to specifications with weight of vehicle on ground. Bleed brake system after installation.

#### SHOCK ABSORBERS

**NOTE** – To remove shock absorber from sedan models, rear suspension must be removed.

**Removal & Installation, St. Wgn.** – Remove mounting bolts and nuts from top and bottom of shock absorbers, then remove. To install, reverse removal procedure.

#### STRUT RODS

**Removal (Lower)** – Remove nut and bolt mounting strut in rear axle bracket. Disconnect parking brake cable from bracket on strut. Remove strut from front bracket and lift out.

**Removal (Upper)** – Remove hardware mounting strut in rear bracket, then separate strut from front bracket and remove.

**Installation (Upper and Lower)** – To install, reverse removal procedure.

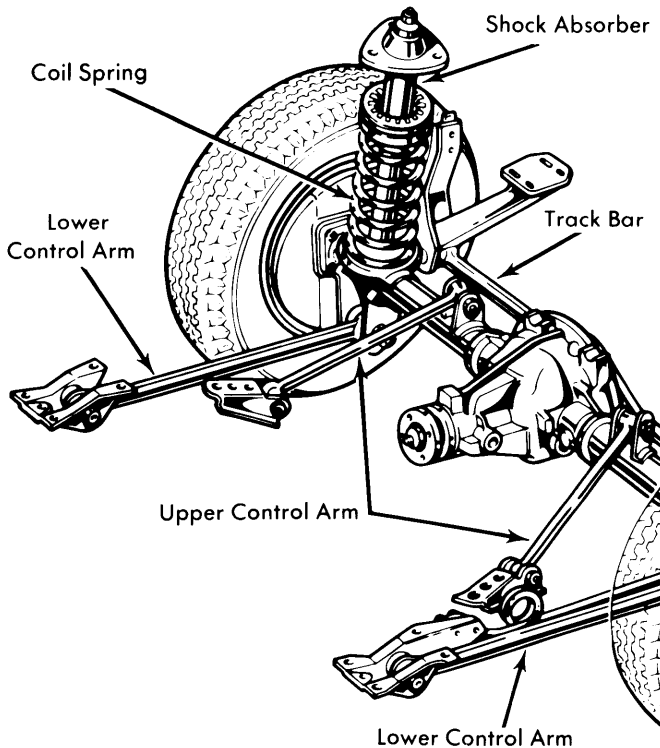


Fig. 1 Fiat 131 Rear Suspension Assembly

### TIGHTENING SPECIFICATIONS

Application	Ft. Lbs.(mkg)
Shock Absorber-to-Upper Mount .....	11(1.5)
Upper Mount-to-Body .....	18(2.5)
Shock Absorber Lower Mount .....	36(5)
Track Bar-to-Rear Axle .....	72(10)
Track Bar-to-Body .....	58(8)
Upper Control Arm-to-Bracket Nut .....	58(8)
Upper Control Arm-to-Rear Axle .....	58(8)
Lower Control Arm-to-Bracket Nut .....	58(8)
Lower Control Arm-to-Rear Axle .....	58(8)