

Rear Suspension

FIAT 131

Fiat 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 AXLE 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.

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)

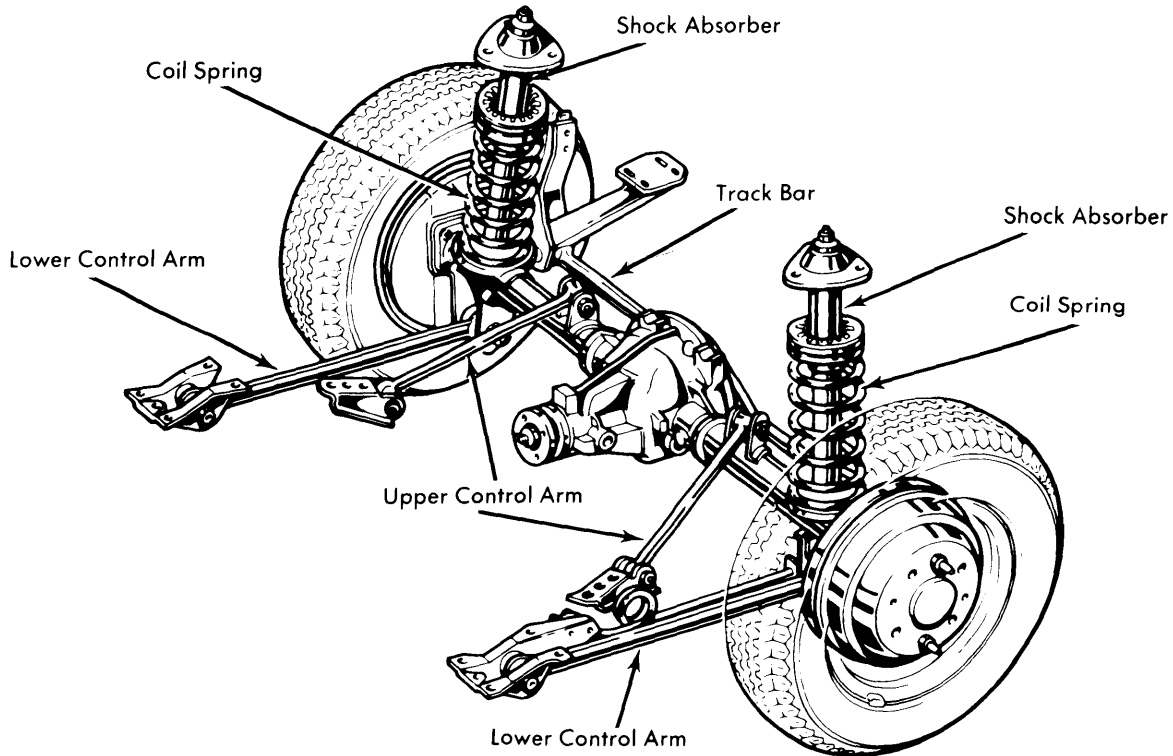


Fig. 1 Fiat 131 Rear Suspension Assembly