

Rear Suspension

FIAT SPIDER 2000

Spider 2000

DESCRIPTION

Link type rear suspension with coil springs. System uses upper and lower strut rods to attach 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 STRUT RODS

Removal — Raise and support vehicle. Place support under rear axle. Remove nuts and bolts attaching strut rods to axle and to body. Remove strut rods.

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 Strut Rod..... | 25 (3.5) |
| Lower Strut Rod..... | 58 (8.0) |
| Upper and Lower Strut Rods-to-Axle..... | 72 (10.0) |
| Shock Absorber Mountings..... | 36 (5.0) |

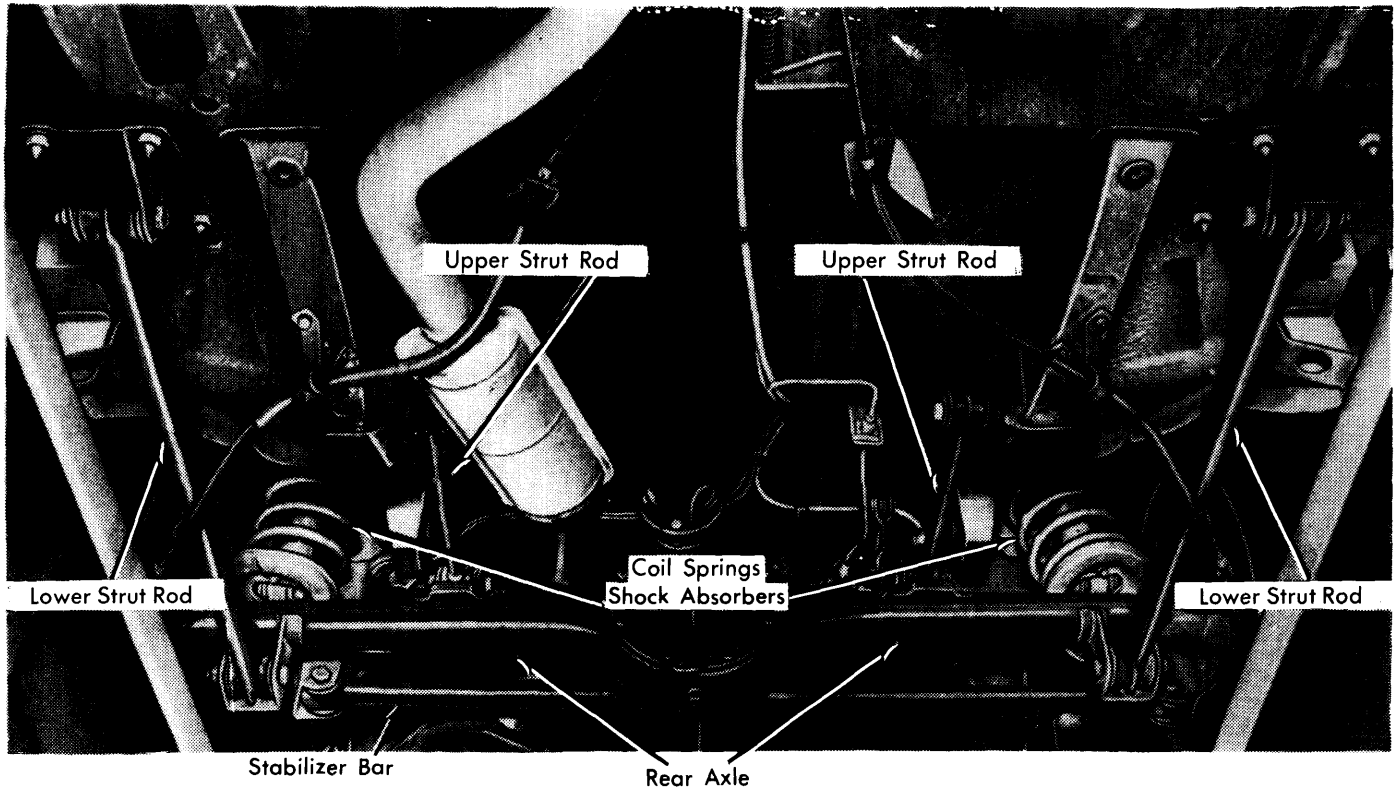


Fig. 1 Installed View of Fiat Spider 2000 Rear Suspension Assembly