

# Rear Suspension

## CHRYSLER CORP. OMNI & HORIZON

Dodge Omni  
Plymouth Horizon

### DESCRIPTION

Rear suspension is trailing arm independent type with integral anti-sway bar. Spindles are attached to two trailing arms that extend rearward from mounting points on body.

A crossmember is welded between trailing arms, providing anti-sway bar stabilizing for rear suspension. Coil springs surrounding shock absorbers are used.

### REMOVAL & INSTALLATION

#### SHOCK ABSORBERS & COIL SPRINGS

**Removal** - Locate protective cap, covering shock absorber, inside of vehicle over rear wheel well. Remove mounting nut and isolator. Hoist vehicle and remove bottom shock absorber mount bolt. Remove spring and shock absorber from trailing arm bracket.

**Installation** - To install, reverse removal procedure.

#### TIGHTENING SPECIFICATIONS

| Application                       | Ft. Lbs. |
|-----------------------------------|----------|
| Trailing Arm-to-Hanger Nuts ..... | 40       |
| Shock Absorber                    |          |
| Upper .....                       | 20       |
| Lower .....                       | 40       |

#### REAR AXLE ASSEMBLY

**Removal** - 1) Hoist vehicle and remove wheels and tires. Remove brake line fittings and retaining clips holding flex brake line.

2) Remove parking brake cable and place jacks under rear crossmember. Remove shock absorber bolts and trailing arm mount bolts. Lower jacks and remove rear axle assembly.

**Installation** - Position rear axle assembly under vehicle and install trailing arm mount bolts. Install shock absorber mount bolts. Connect brake line fittings and install parking brake cable. Install wheels and tires and lower vehicle. Tighten all bolts.

**NOTE** - Brake system must be bled and readjusted.

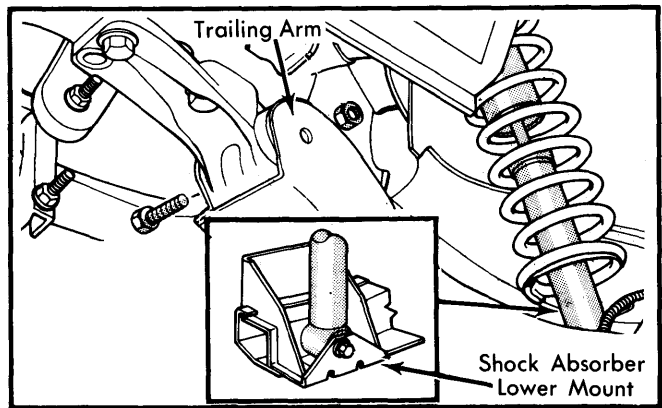


Fig. 2 Trailing Arm and Shock Absorber Installation

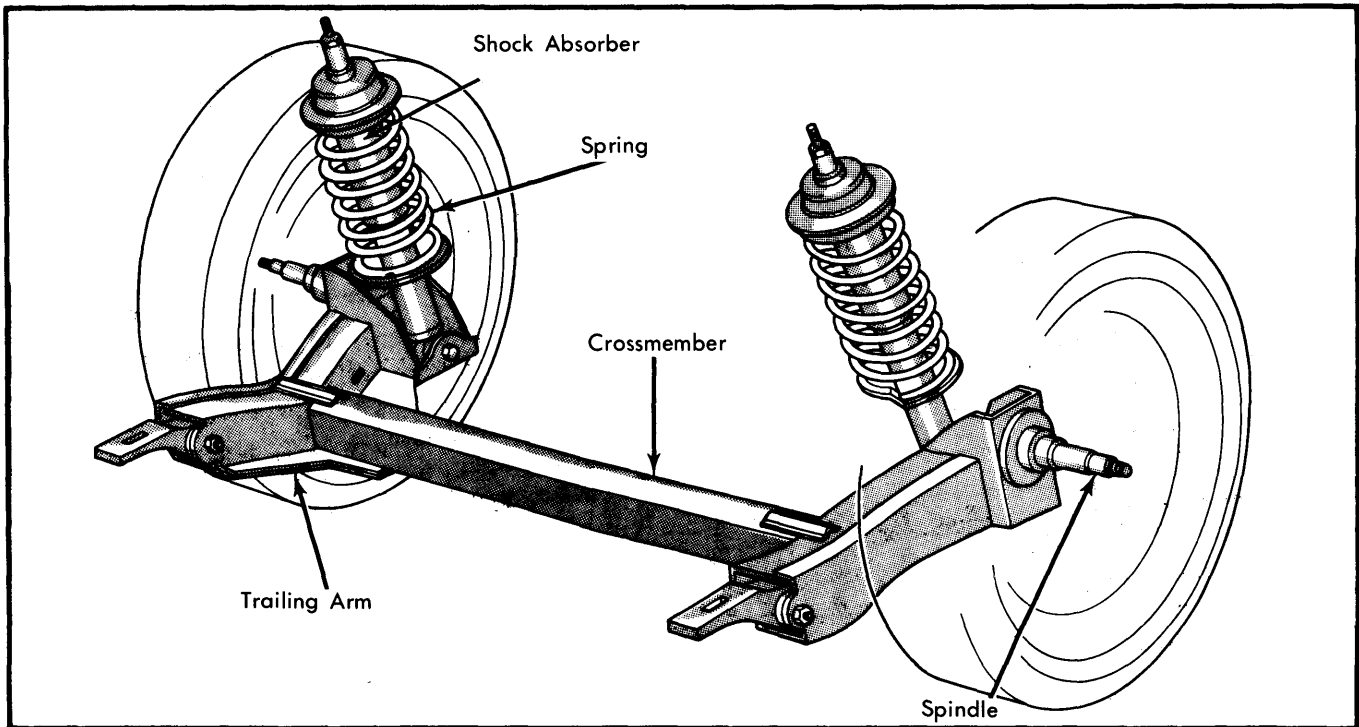


Fig. 1 Rear Suspension Omni & Horizon