

Rear Suspension

CHRYSLER CORP. IMPORTS – FRONT-WHEEL-DRIVE MODELS

**Champ
Colt Hatchback**

DESCRIPTION

Rear suspension is independent design and consists of left and right suspension arms, shock absorbers and coil springs. Suspension arms slide together on bushings. Suspension arms are attached to frame by shock absorbers and a clamp that utilizes bushings.

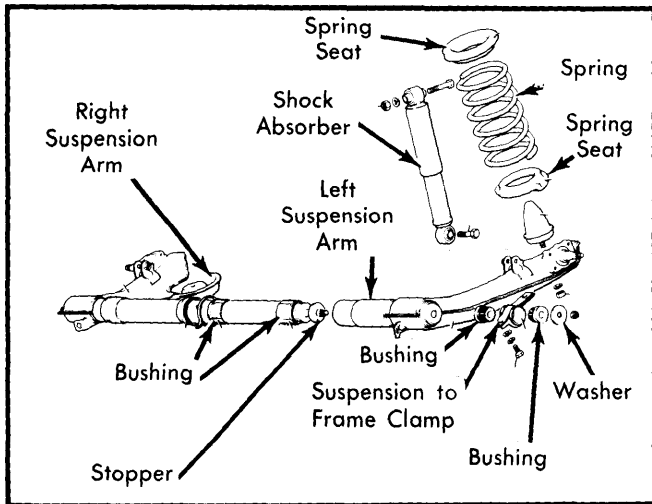


Fig. 1 Exploded View of Champ & Colt FWD Rear Suspension

ADJUSTMENT

WHEEL ALIGNMENT SPECIFICATIONS & PROCEDURES

See *Wheel Alignment Specifications and Procedures* in **WHEEL ALIGNMENT** Section.

WHEEL BEARING ADJUSTMENT

See *Wheel Bearing Adjustment* in **WHEEL ALIGNMENT** Section.

REMOVAL & INSTALLATION

REAR SUSPENSION ASSEMBLY

Removal – 1) Raise and support rear of vehicle with jacks under frame. Remove rear brake assembly. Remove muffler. Raise suspension slightly.

2) Remove shock absorber, then lower jack and remove coil spring. Temporarily install shock absorber to suspension arm. Disconnect and plug brake hose at suspension arm.

3) Remove shock absorber and suspension clamp bolts. Remove suspension assembly from vehicle.

Disassembly – 1) With suspension assembly removed from vehicle, loosen nuts at both ends of suspension arms. Remove clamp washer and bushings. Remove dust cover (clamp).

2) Separate suspension arms. Leave dust cover attached to right suspension arm. Remove rubber stopper from right arm. Pry first bushing out of left arm. Using a punch and hammer, drive inner bushing out of left arm.

Reassembly – 1) Replace any worn or damaged bushings. Apply grease to inside of left suspension arm. Using special installer tool and attachment (MB990780 & MB990779), install inner bushing to the depth indicated by the notch on the special installer.

2) Install new dust cover to the right suspension arm. Apply grease to the inside surface of the right suspension arm, then install rubber stopper.

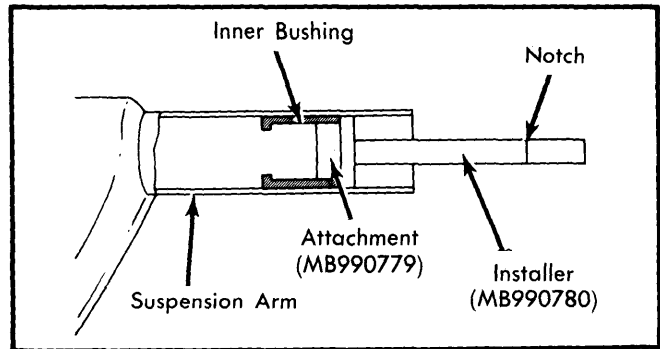


Fig. 2 Installing Inner Bushing to Suspension Arm

3) Slowly push right and left suspension arms together. Wipe off excessive grease. Install bushing, clamp and washer to suspension arms. Make sure washer is installed with toothed side facing bushing. Install nut to suspension arm. Pack dust cover with grease, then secure dust cover to suspension arm with clamp.

Installation – 1) With suspension assembly in place, install clamp bolts. Install coil springs and shock absorbers. Temporarily tighten shock absorber bolts.

NOTE – Make sure that upper and lower spring seats are installed correctly.

2) Install rear brake assembly. Install wheels. Lower vehicle and tighten suspension arm end nuts and shock absorber bolts. Bleed and adjust brakes.

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs (mkg)
Suspension Arm End Nuts	36-51 (3.7-5.2)
Suspension Clamp-to-Frame	36-51 (3.7-5.2)
Shock Absorber	47-58 (4.8-6.0)