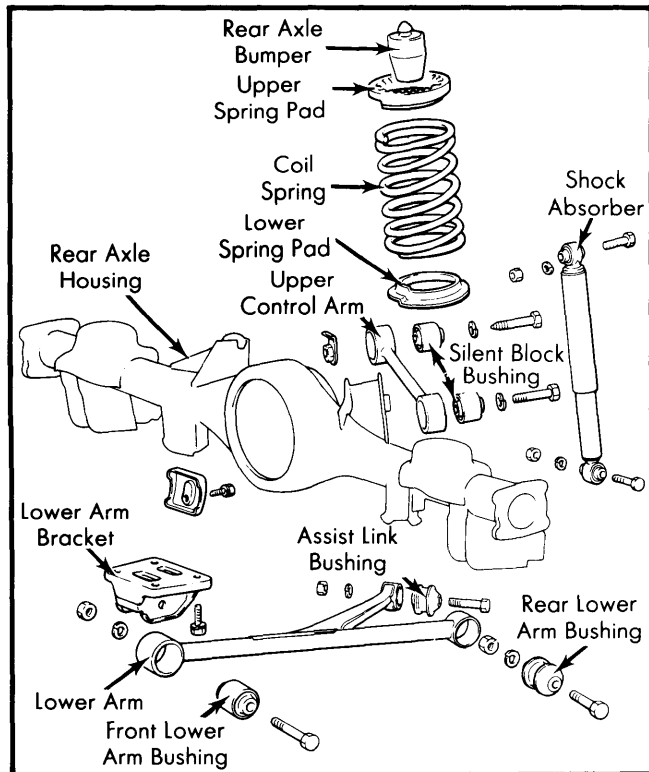


## CHRYSLER CORP. IMPORTS — REAR-WHEEL-DRIVE MODELS

**Challenger  
Sapporo**

### DESCRIPTION

The rear suspension is of the 4-link coil spring type. The lower arm and upper control arm are attached to the rear axle housing brackets and to the body with individual bushings. Shock absorbers attach to the body and to the rear axle housing.



**Fig. 1 Exploded View of Challenger & Sapporo Rear Suspension**

### REMOVAL & INSTALLATION

#### COIL SPRING & SHOCK ABSORBER

**Removal** — Raise vehicle and support body on safety stands. Place a floor jack under rear axle assembly and raise axle assembly slightly. Remove upper and lower shock absorber bolts and remove shock absorber. Lower jack and let axle assembly hang down. Remove coil spring.

**Installation** — Install coil springs so that the spring ends contact the spring stops in upper and lower spring pad. Install shock absorbers and loosely tighten bolts. Lower vehicle to ground and tighten shock absorber attaching bolts.

#### LOWER ARM & UPPER CONTROL ARM

**Removal** — Raise vehicle and support body with safety stands. Place a floor jack under rear axle assembly and raise slightly. Remove upper control arm attaching bolts and remove upper control arm. If equipped with rear drum brakes, remove parking brake rear cable from lower arm. Remove bolts that attach lower arm to rear axle housing and to bracket attached to body. Remove lower arms.

**Bushing Replacement** — Use an arbor press to replace any bushing, in the lower arms or upper control arm, that is damaged or deteriorated. When the new bushing is pressed into place, be sure that bushing extends out each end of arm equally.

**Installation** — Support rear axle housing with a floor jack. Install lower arms, being sure that right and left arms are installed on their proper sides. Install upper control arm and attaching bolts. If equipped with drum brakes, reconnect parking brake cable to lower arm.

### TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (N.m)
Lower Arm-to-Lower Arm Bracket .....	94-108 (127-146)
Lower Arm-to-Axle Housing	
Inner Bracket .....	47-58 (64-79)
Outer Bracket .....	94-108 (127-146)
Shock Absorber Attaching Bolts .....	47-58 (64-79)
Upper Control Arm Bolts .....	94-108 (127-146)