

DATSUN/NISSAN 310, SENTRA & STANZA

DESCRIPTION

Rear suspension is of the trailing arm, independent type and consists of a coil spring, shock absorber and trailing arm.

The forward end of the trailing arm pivots at the body and is suspended by the coil spring. The shock absorber mounts adjacent to the spring and controls trailing arm movement.

ADJUSTMENTS

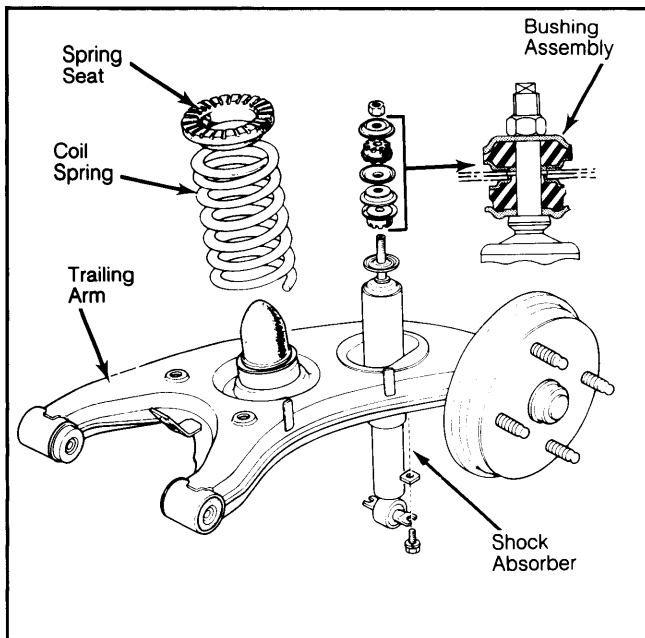
WHEEL ALIGNMENT SPECIFICATIONS & PROCEDURES

See *Wheel Alignment Specifications & Procedures* in **WHEEL ALIGNMENT** section.

WHEEL BEARING

Tighten hub nut to 29-33 ft. lbs. (39-44 N.m). Rotate hub several times to seat bearings. Turn hub nut back 90° and install new cotter pin. Hub nut may be tightened 15° to align cotter pin hole. Preload of wheel hub must be less than 3.1 lbs. (13.7 N). If not within specifications, readjust wheel bearings.

Fig. 1: Exploded View of Rear Suspension



REMOVAL & INSTALLATION

SHOCK ABSORBER

Removal

Raise vehicle and support with safety stands. Remove wheel assembly. Support lower end of trailing arm with a floor jack. Remove nut and bolts from shock absorber ends. Lower jack slowly and remove shock absorber.

Installation

To install, reverse removal procedures.

COIL SPRING

Removal

Raise vehicle and support with safety stands. Remove wheel assembly. Support lower end of trailing arm with a floor jack. Remove shock absorber. Lower trailing arm and remove coil spring.

Installation

To install, reverse removal procedures.

TRAILING ARM

Removal

1) Raise vehicle and support with safety stands. Place a floor jack under lower end of trailing arm. Remove wheel assembly. Disconnect parking brake cable.

2) Remove dust cap, cotter pin and hub nut. Remove brake drum with bearings. Disconnect and plug brake line. Remove brake assembly.

3) Remove shock absorber and coil spring. Remove pivot nuts and bolts. Remove trailing arm. Inspect pivot bushings and replace as necessary.

Installation

To install, reverse the removal procedures. Final tightening of the pivot bolts should be performed after vehicle is lowered to the floor. Bleed brake system and check wheel alignment.

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (N.m)
Brake Backing Plate Bolt	18-25 (24-34)
Shock Absorber Lower Bolt	11-17 (15-23)
Shock Absorber Upper Nut	6-9 (8-12)
Trailing Arm Pivot Bolt	40-48 (54-65)
Hub Nut ¹	29-33 (39-45)

¹ — See Wheel Bearing Adjustment in this article.