

Front Suspension

PANTERA

Pantera

DESCRIPTION

Independent type front suspension with coil springs. Shock absorbers are mounted within coil springs. Lower end of shock absorber is attached to lower control arm and upper end of shock absorber is secured to body. Upper and lower control arms are attached to steering knuckle by ball joints and pivot on frame. A stabilizer bar is secured to frame and attached to lower control arms at each end.

ADJUSTMENT

WHEEL ALIGNMENT SPECIFICATIONS & PROCEDURES

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

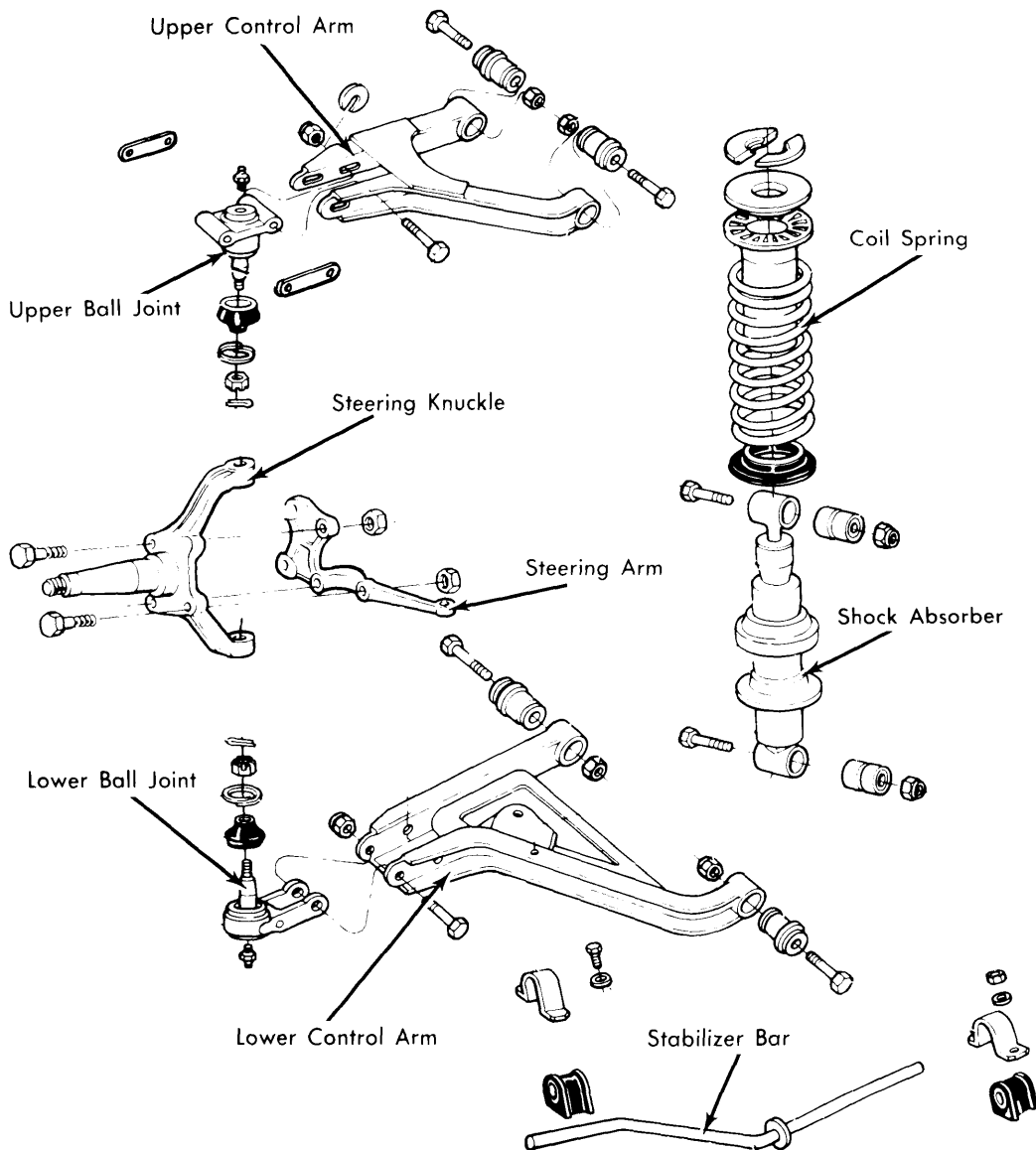
WHEEL BEARINGS

See *Wheel Bearings* in *WHEEL ALIGNMENT* Section.

BALL JOINT CHECKING

See *Ball Joint Checking* in *WHEEL ALIGNMENT* Section.

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FRONT SUSPENSION ASSEMBLY

PANTERA (Cont.)

REMOVAL & INSTALLATION

UPPER CONTROL ARM

Removal — Raise and support vehicle. Remove wheel and remove brake caliper from brake rotor. Wire caliper to frame. Remove nuts and bolts securing upper ball joint to upper control arm. Remove pivot bolts securing control arm to frame and remove upper control arm.

Installation — To install, reverse removal procedure and tighten all nuts and bolts. After completing installation procedure, check wheel alignment. See *WHEEL ALIGNMENT Section*.

LOWER CONTROL ARM

Removal — Raise and support vehicle. Remove wheel and remove brake caliper from brake rotor. Wire caliper to frame. Remove nut and bolt securing lower ball joint to lower control arm. Remove nut and bolt attaching shock absorber to lower control arm and move shock absorber out of the way. Disconnect stabilizer bar. Remove pivot bolts securing lower control arm to frame and remove control arm.

Installation — To install, reverse removal procedure and tighten all nuts and bolts. After completing installation procedure, check wheel alignment. See *WHEEL ALIGNMENT Section*.

SHOCK ABSORBER & COIL SPRING

Removal & Installation — Raise and support vehicle. Remove upper and lower attaching nuts and bolts then remove shock absorber and coil spring as an assembly. To install, reverse removal procedure and tighten nuts.

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (mkg)
Upper and Lower Control Arm	
Pivot Bolts	58 (8.0)
Shock Absorber Retaining Nuts	50 (7.0)
Ball Joint-to-Lower Control Arm	45 (6.2)
Ball Joints-to-Steering Knuckle	
Upper	36 (5.0)
Lower	45 (6.2)