

PANTERA

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DESCRIPTION

This suspension uses vertically mounted shock absorbers mounted in large coil springs, similar to front suspension. Vertical and lateral movement of each rear wheel is controlled by an upper and a lower suspension arm, while roll is controlled by a stabilizer bar. Suspension parts are all rubber mounted to control and absorb road noise and vibrations.

REMOVAL & INSTALLATION

UPPER BALL JOINT ASSEMBLY

Removal — Raise vehicle on hoist and remove wheel from side to be serviced. Unscrew retaining nut holding upper ball joint to vertical support bracket. Using suitable tool (T72D-3006), separate upper ball joint from support bracket, then remove ball joint assembly from upper suspension arm.

Installation — To install, reverse removal procedure.

UPPER SUSPENSION ARM

Removal — Raise vehicle on hoist and remove wheel from side to be serviced. Remove upper ball joint from upper suspension arm, as outlined above. Remove two nuts from bolts holding upper suspension arm, and remove arm from frame.

Installation — To install, reverse removal procedure.

LOWER SUSPENSION ARM

Removal — 1) Raise vehicle on hoist and remove wheel from side to be serviced. Remove two nuts and bolts holding stabilizer bar attaching bracket to lower suspension arm. Remove the bracket. Remove nut and bolt securing shock absorber to lower suspension arm and detach shock absorber.

2) Remove nut from pin securing lower suspension arm to vertical support. Using a soft punch, drive pin out. Carefully remove "A" frame from vertical support, taking care not to disturb dust boot, washers, and retaining rings. Unscrew two nuts and bolts securing lower suspension arm to rear support brackets (forks). Remove lower suspension arm.

Installation — To install, reverse removal procedure.

UPPER & LOWER "A" FRAME BUSHINGS

Removal — Remove upper and/or lower suspension arm(s) as previously outlined. Using suitable tool (T72-3044) and a press, force old bushing(s) out. Bushings have a shoulder and must be pressed from inside.

Installation — To install, reverse removal procedure, pressing new bushing(s) in until shoulder is flush.

STABILIZER BAR

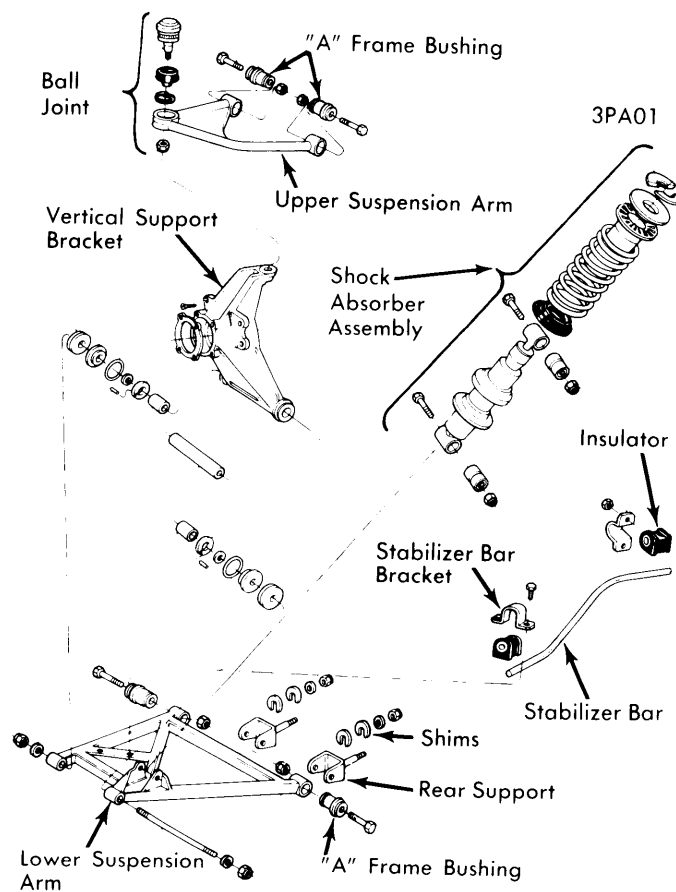
Removal — Raise vehicle on hoist. Remove attaching bolts and nuts from four stabilizer bar brackets. Withdraw brackets and stabilizer bar. Remove insulators from stabilizer bar.

Installation — Install four new insulators on stabilizer bar and reverse remaining removal procedures.

SHOCK ABSORBER ASSEMBLY

Removal — Raise vehicle on hoist. Remove nut and bolt securing shock absorber to lower suspension arm. Unscrew nut and bolt retaining shock absorber assembly to frame, and remove assembly.

Installation — To install, reverse removal procedure.



PANTERA REAR SUSPENSION COMPONENTS