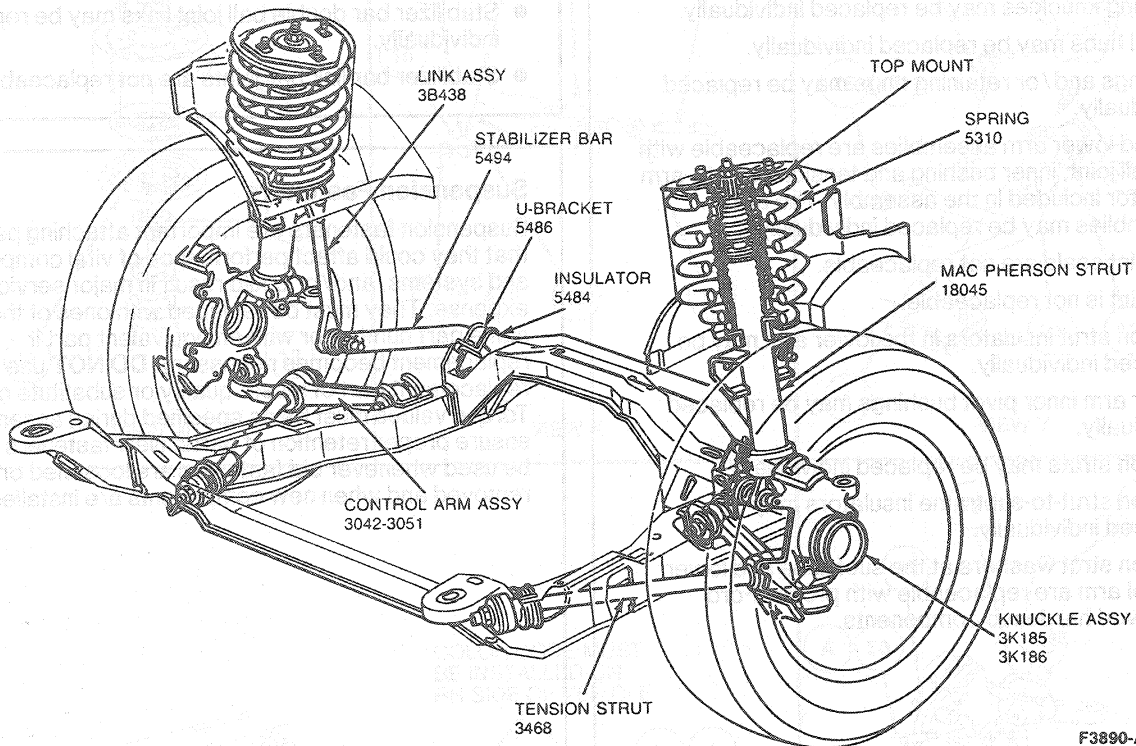


DESCRIPTION (Continued)

When installed on the vehicle, the gas-pressurized shock strut will exhibit more oscillation (bounce) when the vehicle is bounced up/down at the front bumper than with a conventional strut. This is due to the gas pressure and valving and is a normal condition.



F3890-A

Components

- **Strut Upper Mounts:** Isolate strut and spring from body.
- **Seat and Bearing Assembly:** Provides a bearing pivot point and retains suspension spring.
- **Coil Springs:** Allow proper setting of suspension ride heights and control suspension travel during driving/handling maneuvers.
- **Steering Knuckles:** Transmit steering input pivoting about the lower control arm ball joints and upper mount bearing, house driveline components which propel vehicle, and support brake caliper through pins.
- **Forged Lower Control Arms:** Control lateral (side-to-side) movement of each front wheel. Inner pivot attachment is pivot point for suspension.
- **Ball Joints:** Connect steering knuckle to outer ends of forged lower control arms. They are pivot points for suspension travel and turning.
- **Tension Struts:** Control longitudinal (fore-and-aft) movement of wheels to reduce harshness when wheels hit sudden irregularities in road surface.
- **Stabilizer Bar:** Transmits forces to control vehicle roll during cornering.

- **Stabilizer Bar Link Assembly:** Provides increased roll control by attaching the stabilizer bar to the shock strut.
- **Shock Absorber Struts:** Provide dynamic damping of suspension, limit downward movement of wheels by an internal rebound stop and upward movement with an external jounce bumper. Provide lateral, longitudinal and vertical support for the front wheels.

All suspension mounting points are rubber insulated to minimize transfer of road noise and vibration to body and interior.

Component Replacement

The following components may be replaced either individually or as an assembly:

- Gas-pressurized shock absorber struts must be replaced as an assembly. The strut is not serviceable. Replace only the damaged shock absorber strut. Shock absorbers are not to be replaced as sets.
- Strut upper mounts may be replaced individually.