



## INSTALLATION INSTRUCTIONS

### SHOCK ABSORBERS

**Shock absorbers** are a familiar automotive component, designed to smoothen rides and protect the vehicle by absorbing the impact of uneven road surfaces. They also help vehicles corner more effectively. With the daily impacts that shock absorbers experience, they eventually need to be replaced. These shock absorbers are designed to replace your car's original equipment.

#### Removing the Old Shock Absorber

1. Mark position of upper bearing plate (1).
2. Completely compress coil spring with coil compressor (2).
3. Remove nuts and bolts (3) connecting lower strut assembly to axle (4).
4. Remove upper bearing plate nuts and bolts.
5. Remove strut assembly from car.
6. With spring still compressed, remove top piston rod nut (5) and mounting parts.

#### Installing the New Shock Absorber

1. Connect all mounting parts to new strut assembly.
2. Mount upper bearing plate in marked position, install nuts and bolts.
3. Connect lower strut assembly to axle.
4. If compressed, allow spring to decompress (see below).

#### CAUTION

- Only remove one strut assembly at a time.
- Tighten nuts and bolts to the torque specified by the manufacturer.
- Do not puncture or incinerate shock absorber; gas under high pressure inside.
- Gas shocks should be scrapped by professionals only.
- If absorber has plastic retainer band, remove before installation.
- If absorber has retainer string:
  - First, mount upper bearing plate and secure.
  - Release retainer string (1) by pulling on the loose end (2) and hold on to retainer string (3).
  - Guide lower mount into position as shock absorber extends.
  - Remove retainer string completely.

