Rear

Special Tools
999 5498
999 5499
999 5500
999 5501
999 2050

Note! If replacing spring only continue to Replacing spring.

4 door, early version
Fold the backrests forward. Release the front edge of the cargo compartment carpet. Remove support panel under front edge of carpet. Disconnect front edge of side panels, push to one side. Remove backrest catches and panel retaining clip.
4 door, new version
Remove support panel as described above.

Cut side panel vents in the front and rear edges as illustrated. Turn up the panel cover that covers the shock absorber mounting.
Raise the rear suspension so that the wheels are clear of the ground. Remove the two upper shock absorber mounting screws.

**Caution** The spring should not be under load when the screws are removed.

**Raise the car**
Press up trailing arm so that load is taken from the shock absorber. Use a mobile jack. Position it on the recess for the spring mounting screw.

Slacken off shock absorber from lower mounting. Pull off shock absorber from shaft journal and lower trailing arm. Lower car and lift out shock absorber with upper mounting.
Remove shock absorber upper mounting

Check the mounting bushing for wear and damage. Replace if necessary. Use socket 999 5455 and wrench 999 5499 for standard shock absorbers. For Nivomat shock absorbers use socket 999 5500 and wrench 999 5501.

Install mountings onto the new shock absorber
Use a new nut
Tighten nut:

* shock absorbers to **40 Nm (29.5 ft. lbs.)**
* nivomat shock absorber and M12 nut to **40 Nm (29.5 ft. lbs.)**
* for Nivomat shock absorber and M10 nut to **20 Nm (14.75 ft. lbs.)**. Angle-tighten 90°. Use the same tools as in the previous paragraph and a protractor 951 2050.

**Reinstall shock absorbers in car.**

![Image showing a shock absorber]

Tighten mounting screws a few turns.

**Caution** If replacing shock absorber only continue to Replacing shock absorber.
Remove:

* spring mounting nut
* spring from car.
Transfer spring rubber spacer, auxiliary spring and lower mounting to the new spring.
Install the new spring

Locate the spring end in the trailing arm stamped section and locate the mounting washer guide pin in the hole on the trailing aim. Install a new nut on the mounting washer. Tighten to 40 Nm (29.5 ft. lbs.).

Position a mobile jack under trailing arm and lift up.

Install shock absorber on lower mounting

Caution Check that the spring is correctly positioned on the upper spring seat. Tighten the shock absorber nuts to 80 Nm (59.0 ft. lbs.).
Tighten upper shock absorber mounting screws to 25 Nm (18.44 ft. lbs.)
Reinstall:

* front edge of panels with clips.
* backrest catches. Use thread sealant. Tighten to **20 Nm (14.75 ft. lbs.)**
* cover plate and cargo compartment carpet.
4 door late version
Fold down the cover over shock absorber mounting. Reinstall support panel and carpet.