

Rear

Special Tools

999 5498

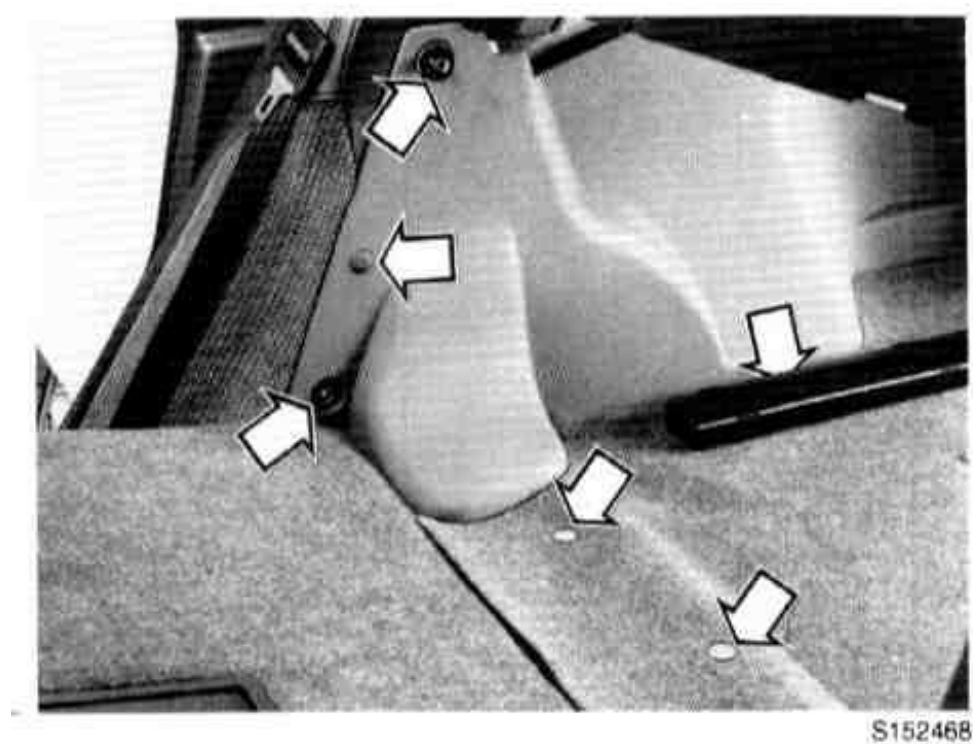
999 5499

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.

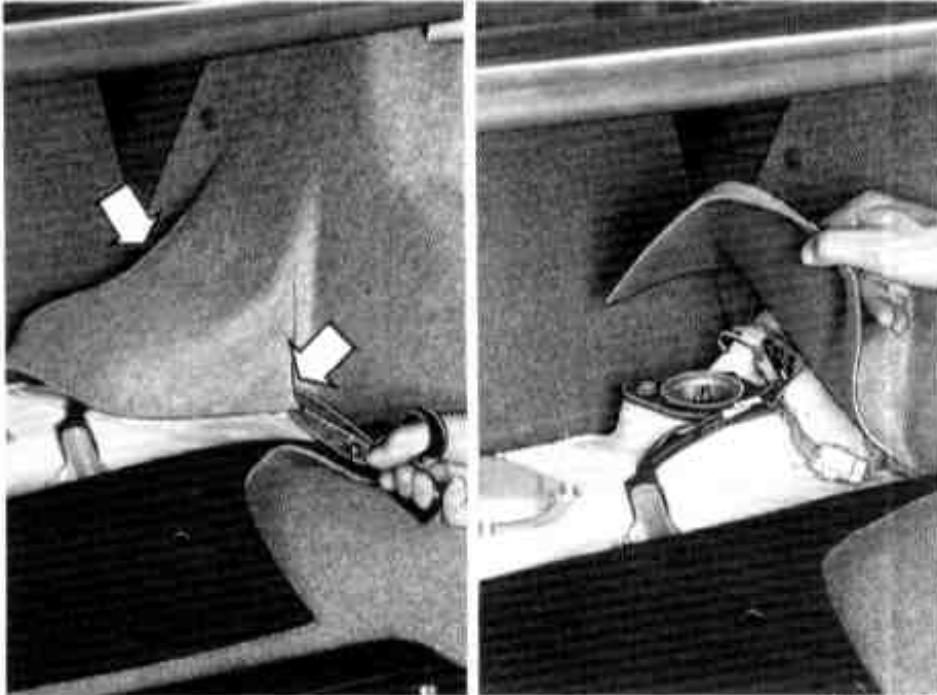
Remove support panel under front edge of carpet.

Disconnect front edge of side panels, push to one side.

Remove backrest catches and panel retaining clip.

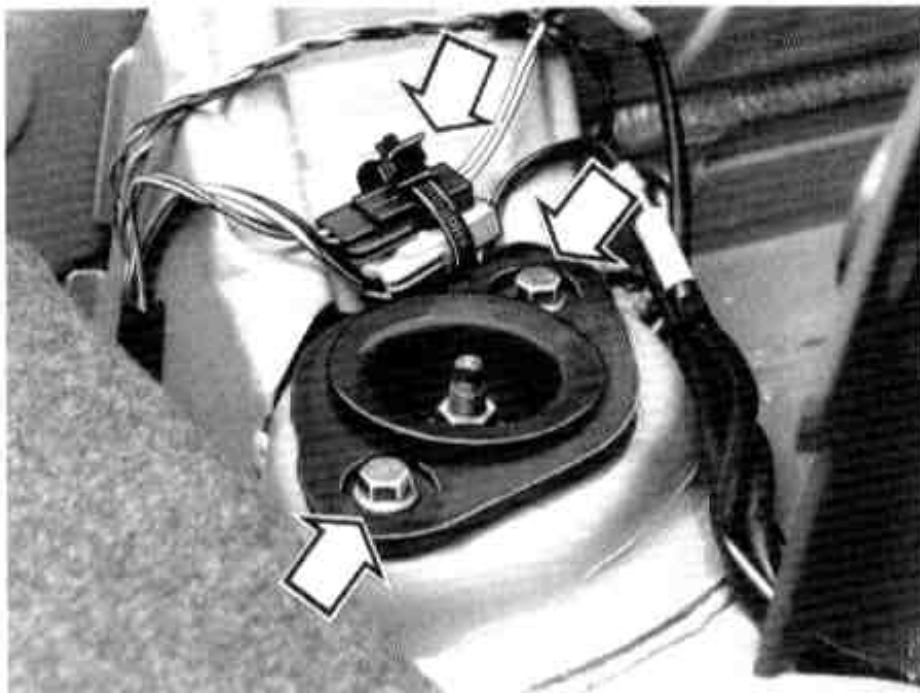
4 door, new version

Remove support panel as described above.



S6500013

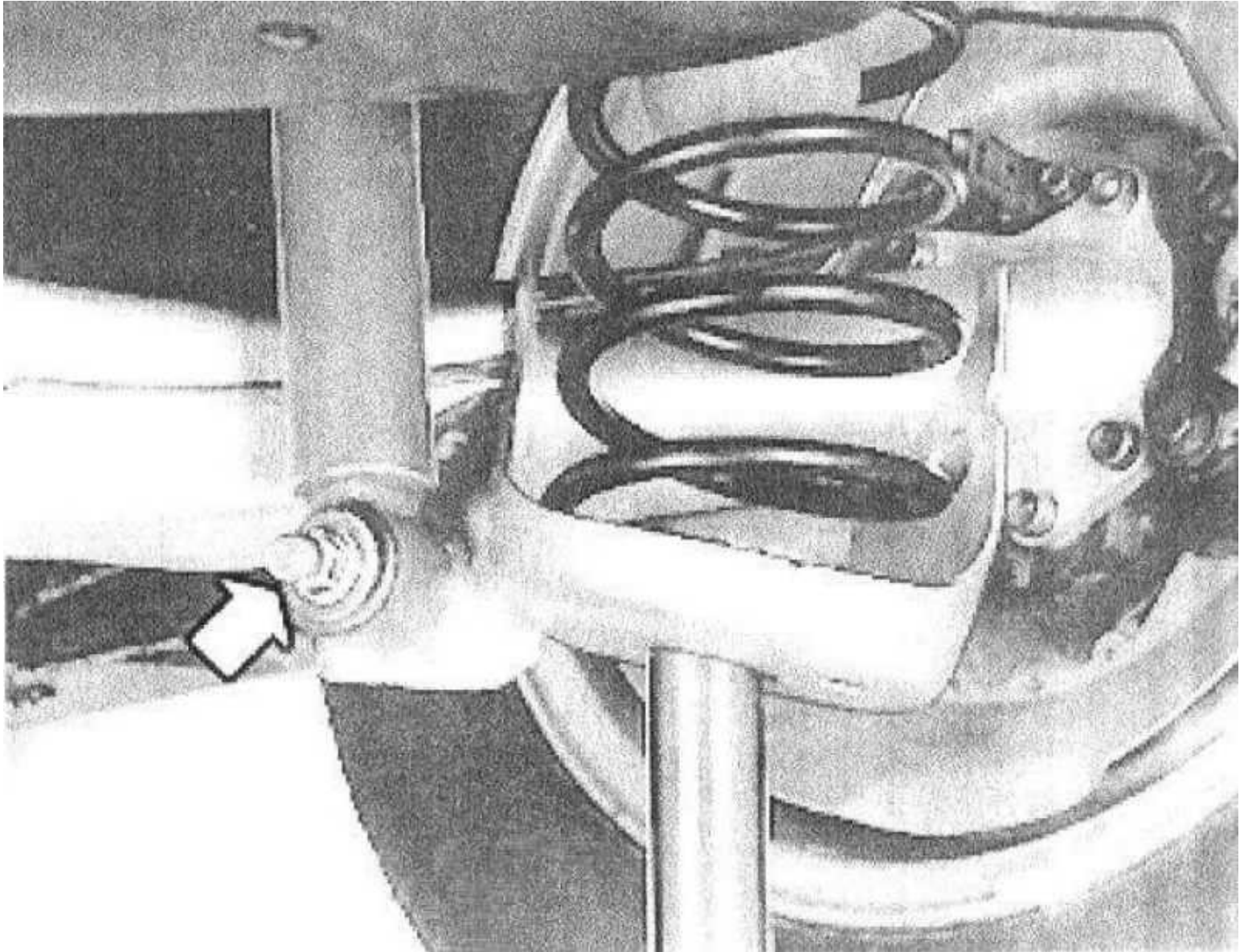
Cut side panel vents in the front and rear edges as illustrated. Turn up the panel cover that covers the shock absorber mounting.



S152467

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.

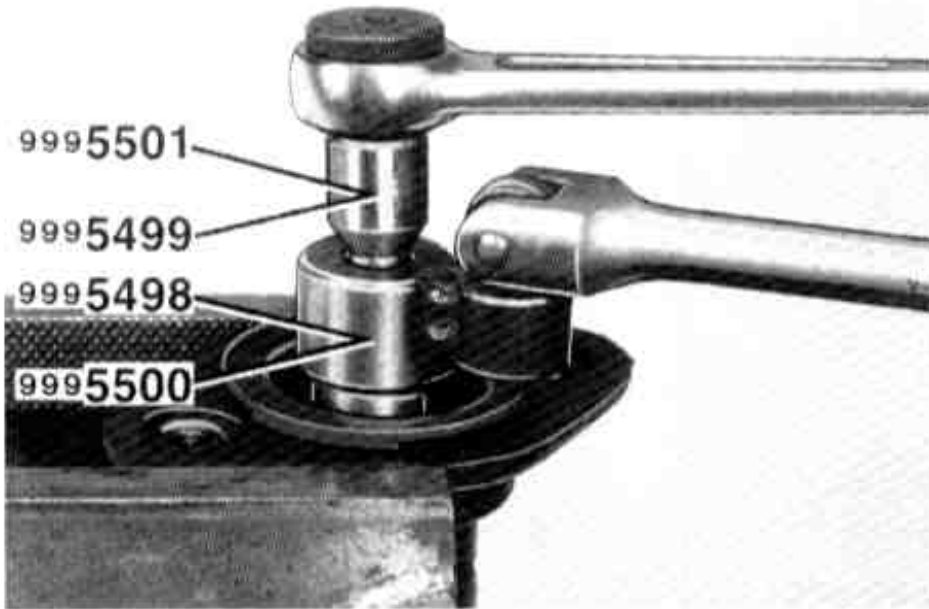


Raise the car

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.

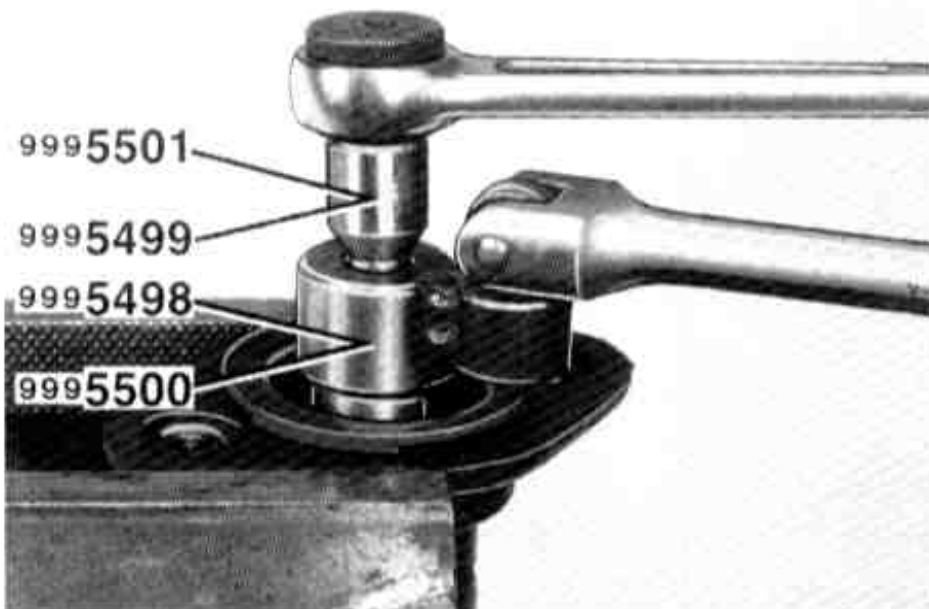
Remove shock absorber upper mounting



S152494

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



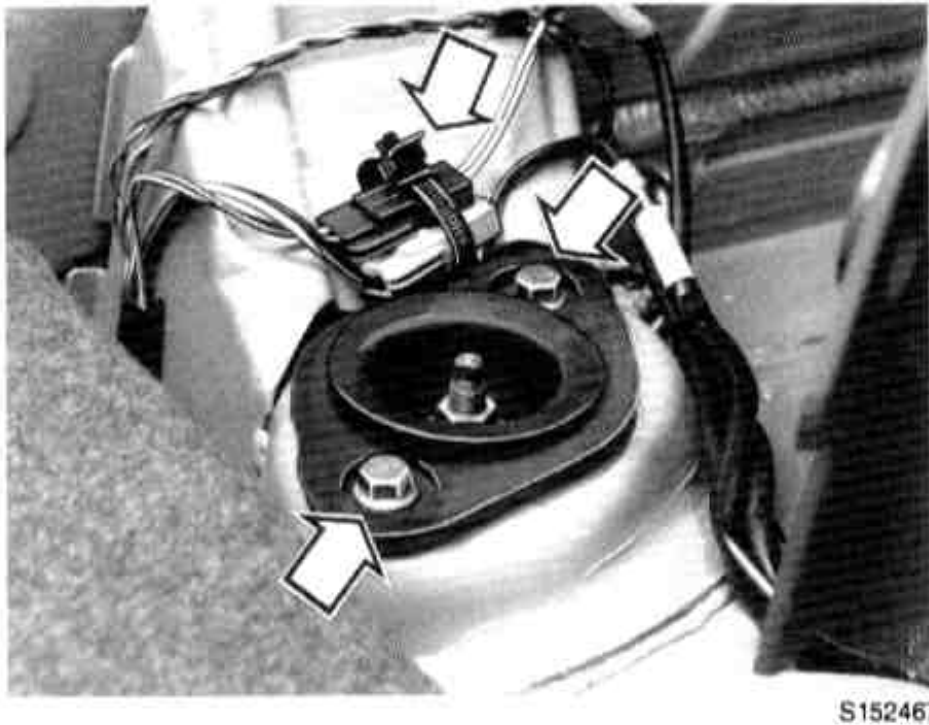
S152494

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.

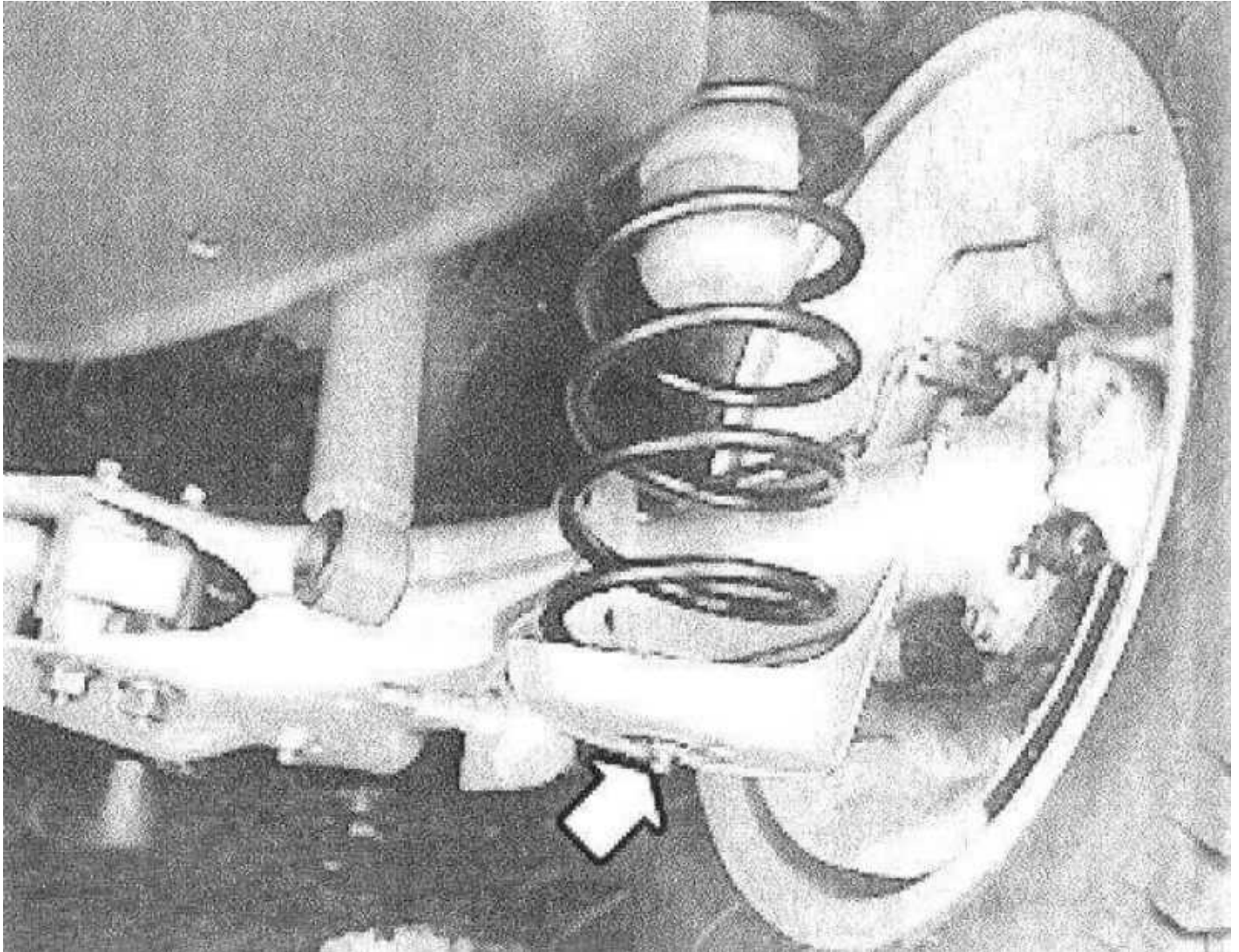
Reinstall shock absorbers in car.



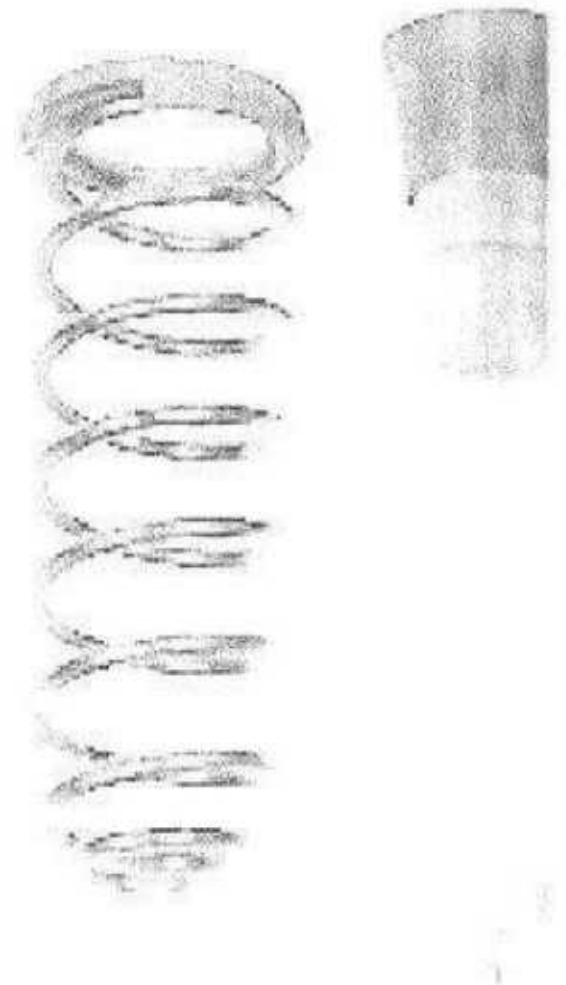
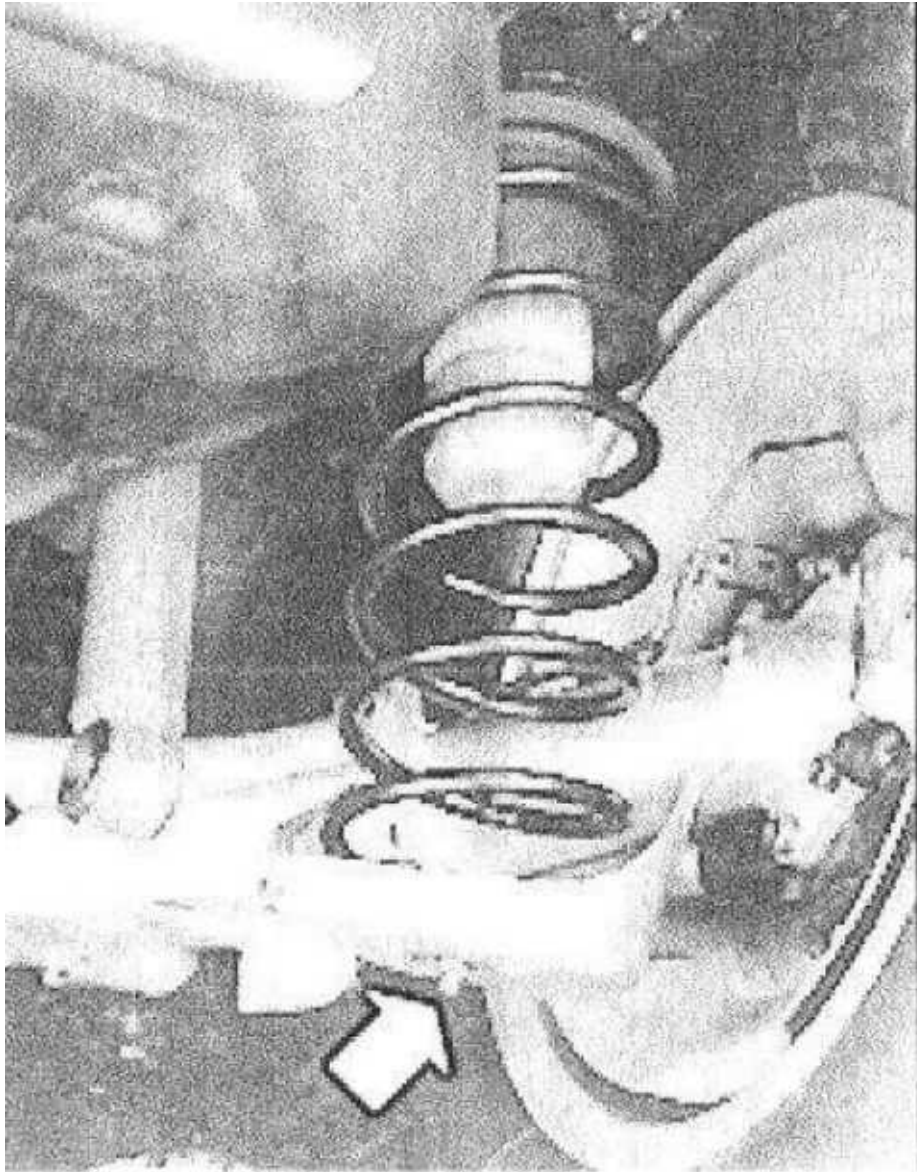
Tighten mounting screws a few turns.

Caution If replacing shock absorber only continue to Replacing shock absorber.

Remove:

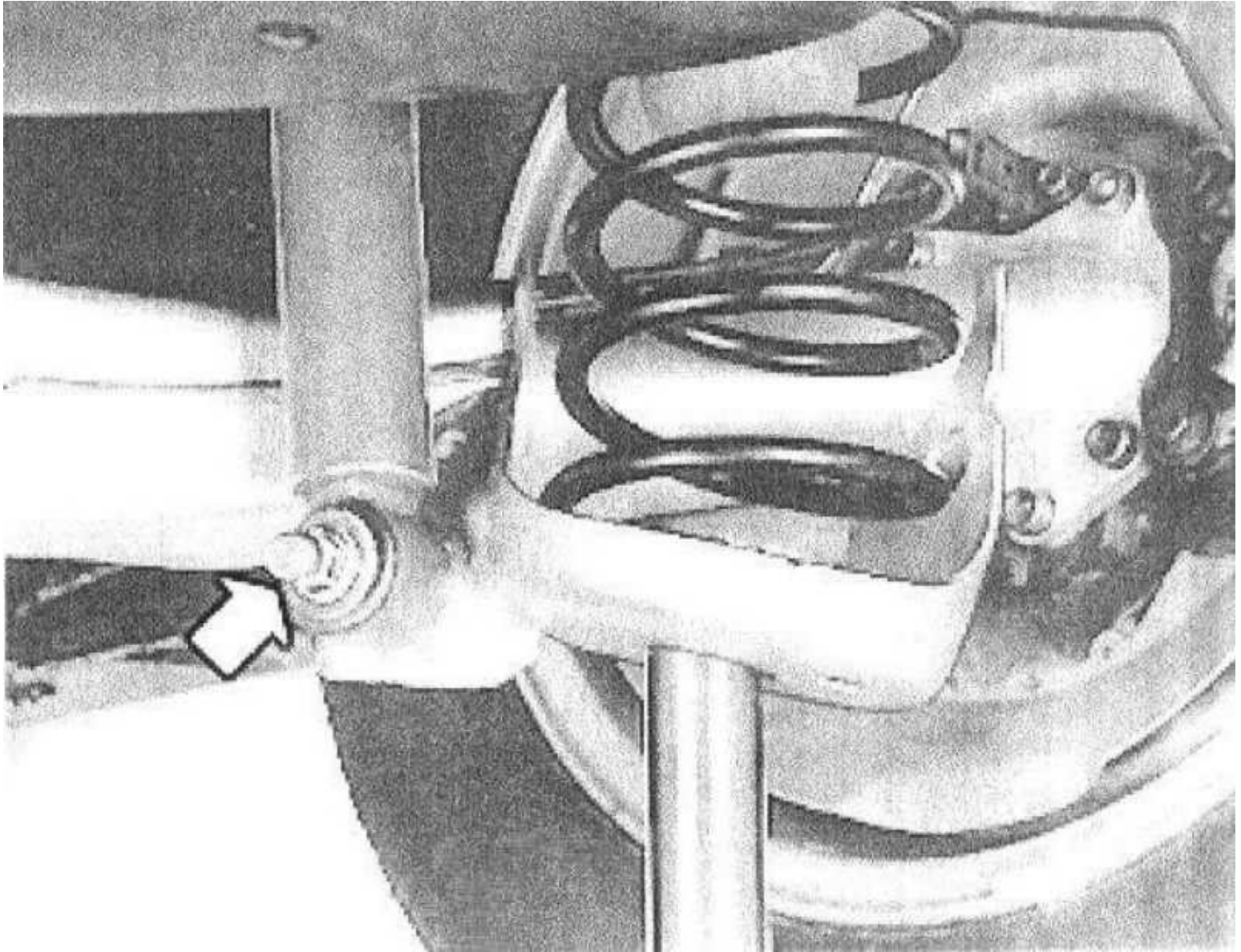


- * spring mounting nut
- * spring from car.



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 arm. 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.

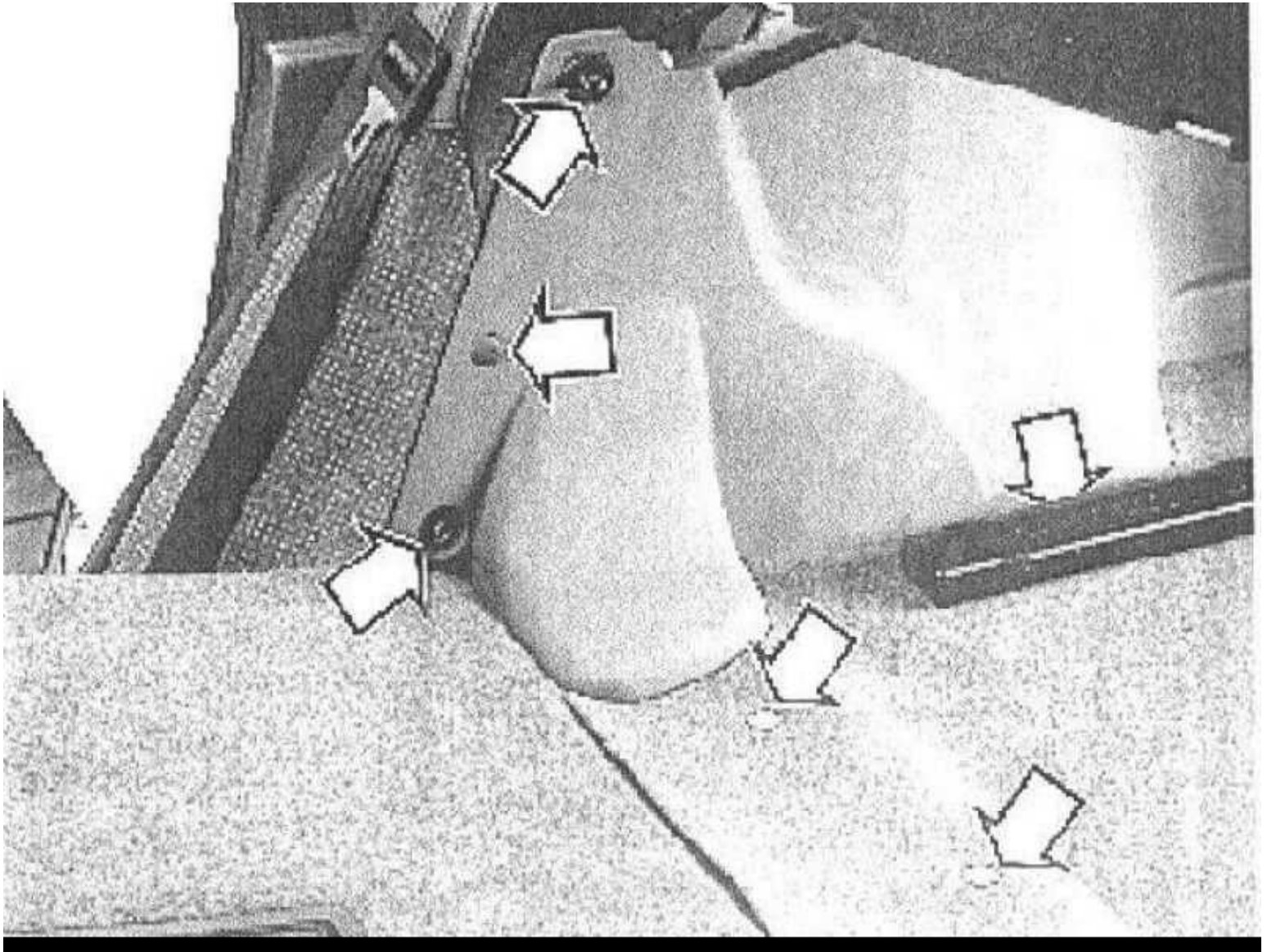
Install shock absorber on lower mounting

Caution Check that the spring is correctly positioned on the upper spring seat.

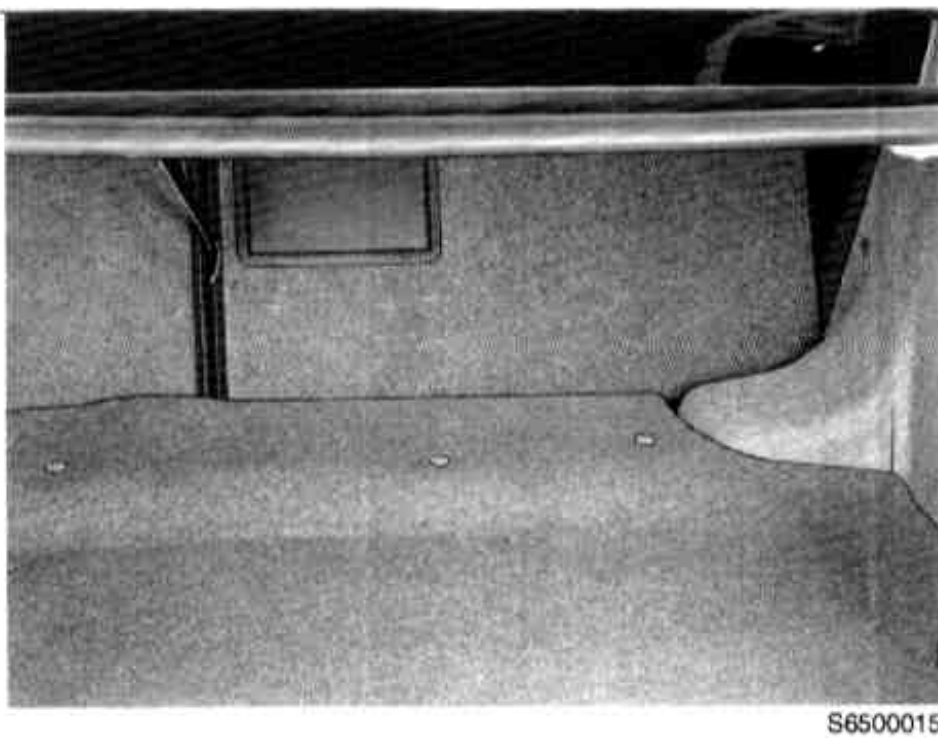
Tighten the shock absorber nuts to **80 Nm (59.0 ft. lbs.)**.

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.