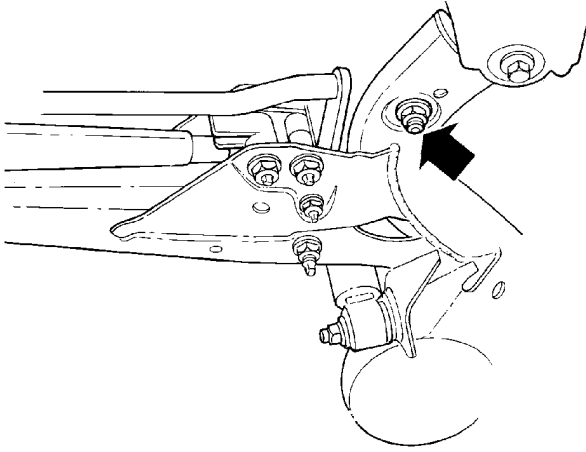


## Rear axle link, replacing

Special tools: [999 5497](#) , [951 2050](#)

**Note!** The rear axle links must be changed on both sides, one at a time. The description shows the left-hand side being replaced.

**Remove the nut from the rear axle link mounting screw in the trailing arm**

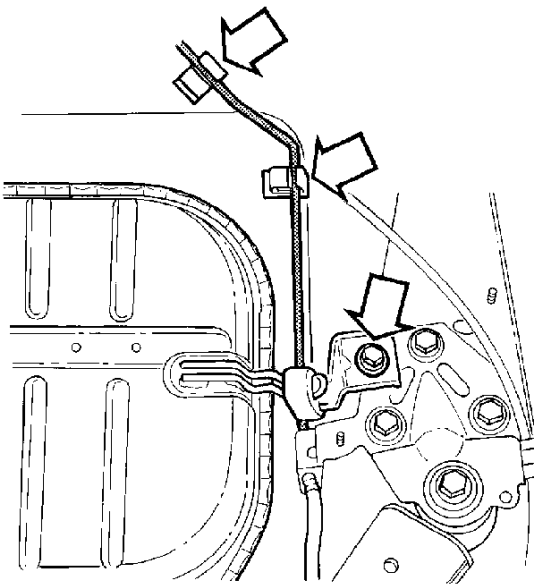


**Tap out the mounting screw**

Use a copper mallet or similar.

**On the left-hand side:**

Remove the screw from the sound damper bracket.  
Remove the brake pipe from the two mounting clips.



**Remove the screws for the trailing arm bracket**

Leave the bracket hanging from the mounting eyelet for the brake cable.

**Lift up the right-hand trailing arm slightly using a mobile jack**

Pry down the link on the left-hand side from the locating pin in the bodywork. Use a jimmy bar.  
Ensure that the trailing arm link is free of the locating pin in the bodywork.



Install press tool 999 5497 on the trailing arm

Press the bushing out

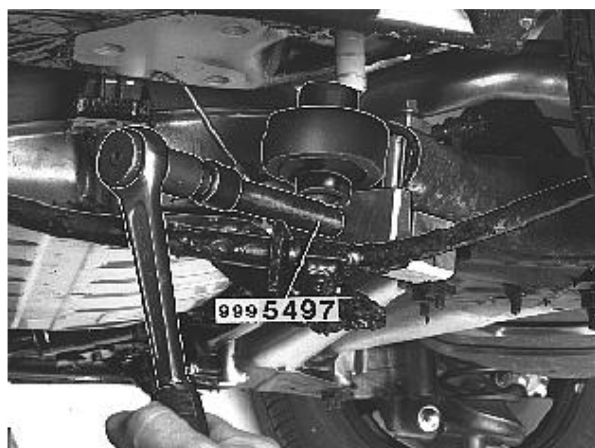
### Installation

Note! To ensure that there is no exhaust leakage, see: [Flanged joint, assembling](#) .

Note! Turn the bushing using the large inner diameter on the inner sleeve towards the bodywork.

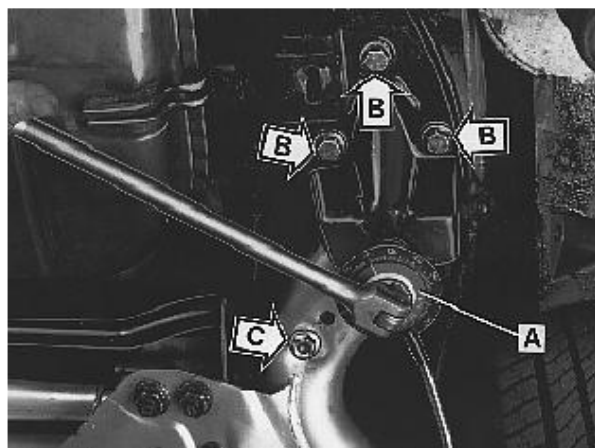
Press the new rear axle link into place

Use the same tool as when removing.



Remove the tool. Install a new mounting screw and nut on the rear axle link in the trailing arm. Do not tighten the nut yet

Install the trailing arm on the locating pin on the bodywork



Install the screws for the trailing arm bracket loosely

Use new screws.

**Tighten the screws:**

**A.** First tighten the screw through the rear axle link bracket. Tighten to **105 Nm**. Angle-tighten to **90°**

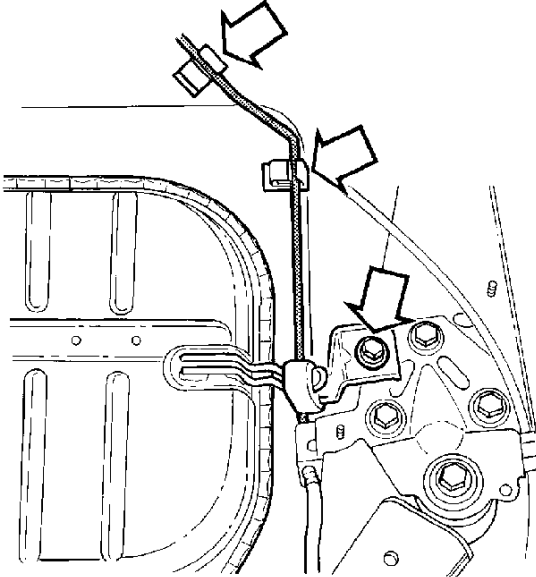
**B.** Then tighten the three bracket screws. Tighten to **65 Nm**. Angle-tighten to **60°**

**C.** Finally tighten the nut on the screw for the trailing arm-rear axle link. Tighten to **65 Nm**. Angle tighten to **120°**.

Use bevel protractor [951 2050](#) .

**Install:**

- the brake pipe on the mounting clip
- the screw for the sound damper bracket.



## Replacing transverse arm mountings, both sides

### Removing components from right shock absorber mounting

Special tools: [951 2050](#)

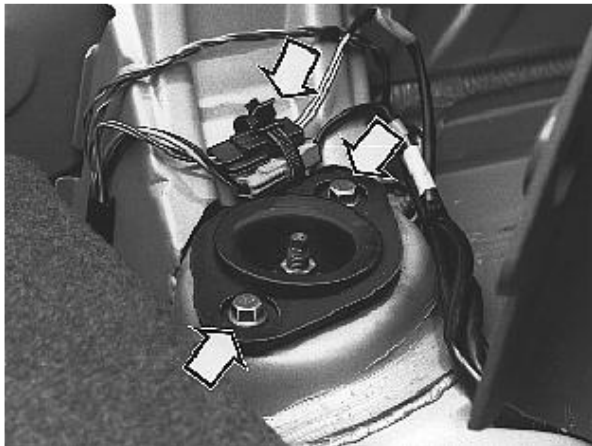
#### 5 door models

Remove the screws from the front floor hatch. Pull the hatch backwards until it releases from the mountings at the front edge. Remove the cover

Continue below.



Remove the two screws for the upper shock absorber mounting on the right side

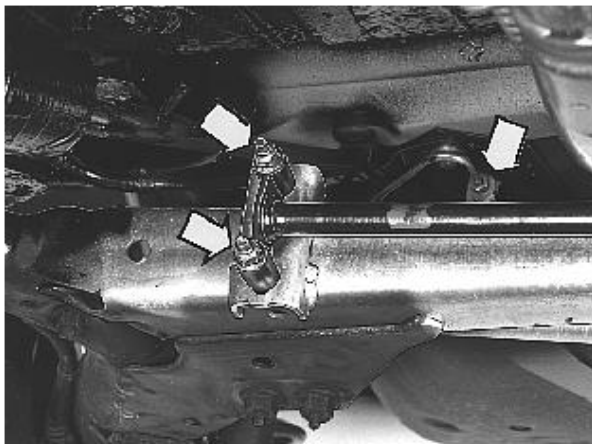


#### Undo the clamp for the connector

Fold back the cables and connector from the shock absorber mounting.

#### Remove:

- the right wheel
- the right-hand side anti-roll bar mounting.



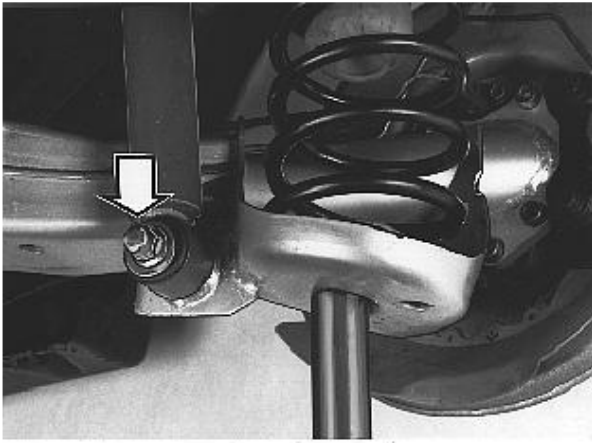
#### Remove:

- the brake pipe bracket on the right trailing arm
- the ABS cable and the brake pipe from the clip on the

right trailing arm.

**Press up the trailing arm so that load is taken from the shock absorber**

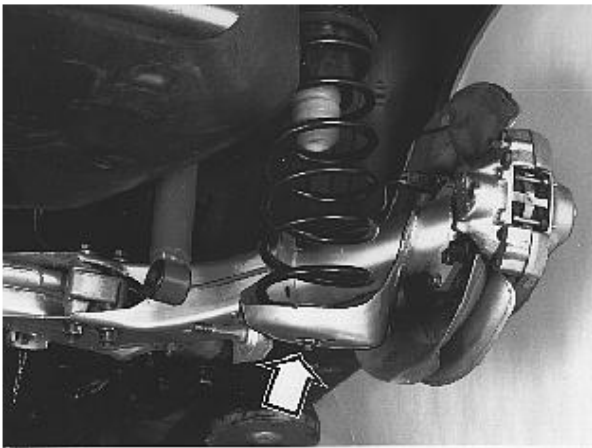
Use a mobile jack. Position it on the recess for the spring mounting screw.



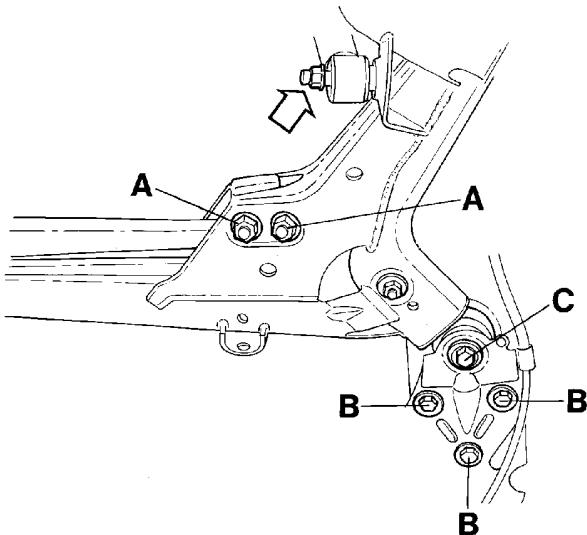
**Remove the shock absorber from the lower mounting. Pull off the shock absorber from the shaft journal and the lower trailing arm**

**Remove:**

- the spring mounting nut
- the spring from the car.



**Install the shock absorber. Tighten the nut a few turns**

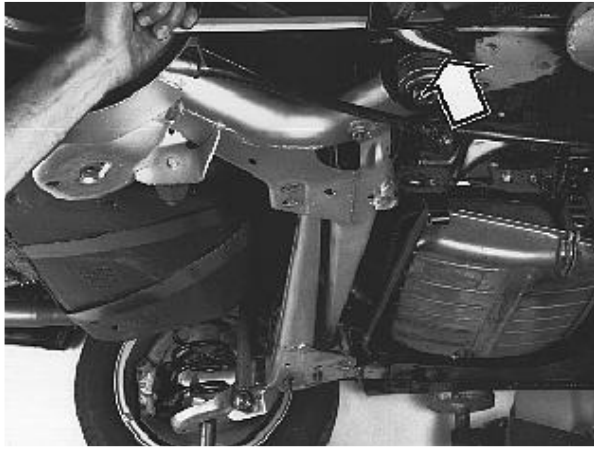


**Remove:**

- the screws **A** for the transverse mountings on both sides
- the screws **B** and **C** on the right-hand side.

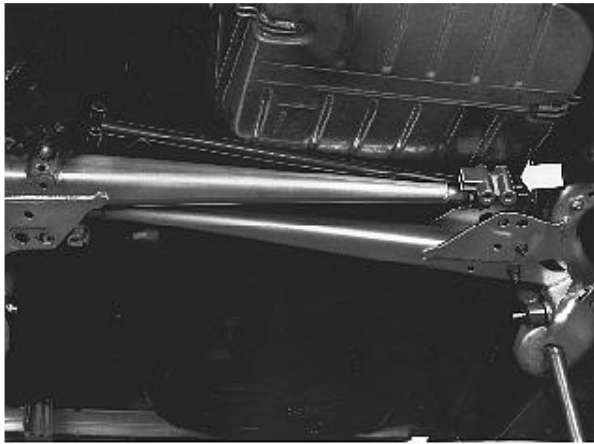
**Position a mobile jack under the left spring seat**

Press up the left trailing arm slightly to take load off the right trailing arm mounting.



**Bend down the trailing arm mounting from the bodywork locating pin on right-hand side**

**Press out the right trailing arm. The left trailing arm remains in position. Remove the transverse mounting from the right transverse arm**



## **Installation**

**Install the new transverse mounting for the trailing arm**



**Align the mounting to the mounting in the left trailing arm**

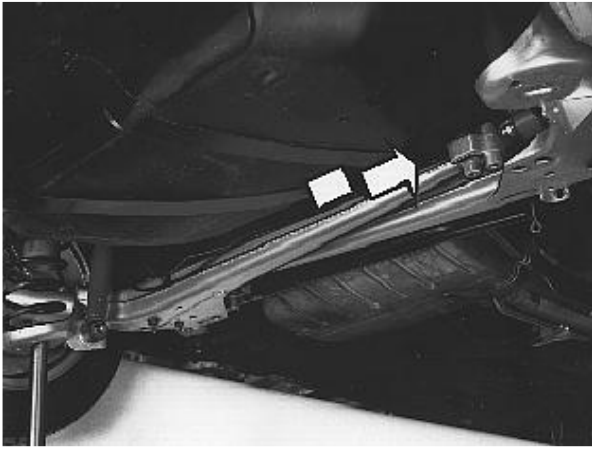
Ensure that the trailing arm has the same position in relation to the bodywork. Tighten the screw. Tighten to **80 Nm**.

**Adjust the left trailing arm position using the mobile jack. Reinstall the right transverse arm with the mounting in position but without installing the screws**

**Replace mounting to left transverse arm**

Align the mounting as before. Tighten the screw. Tighten to **80 Nm**.





**Reinstall the transverse arm with the mount in position but without installing the screws**

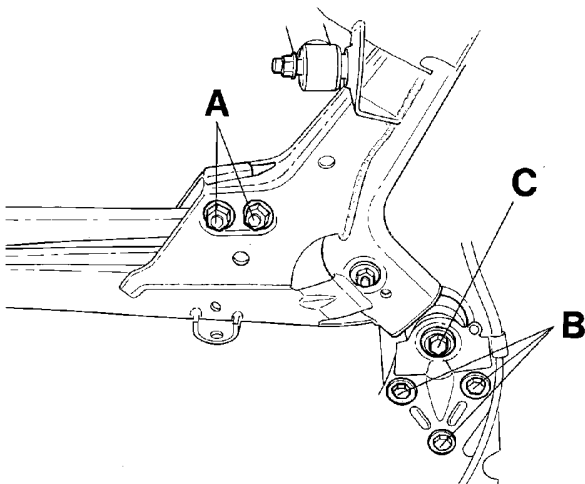
**Install right trailing arm to bodywork locating pin**

Use new screws.

First tighten screw (C) which goes through the bracket and rear axle link. Tighten to **105 Nm**. Angle-tighten to **90°**.

Then tighten the three bracket screws (B). Tighten to **65 Nm**. Angle-tighten **60°**.

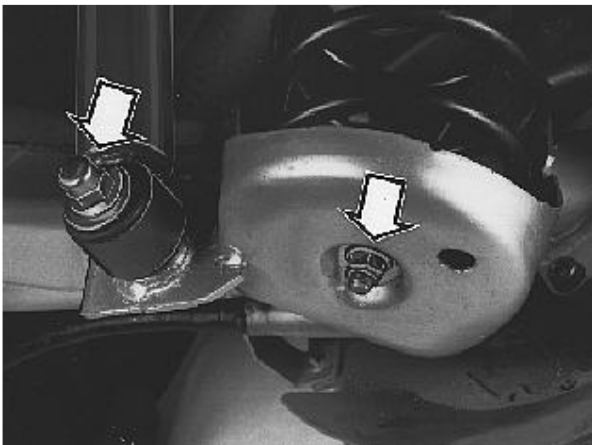
Use bevel protractor [951 2050](#) .



**Install transverse arm screws (A)**

**Caution! Use new screws and nuts. Finger tighten. Note! Tighten the screws (A) finally after setting the toe-in.**

**Release right shock absorber**



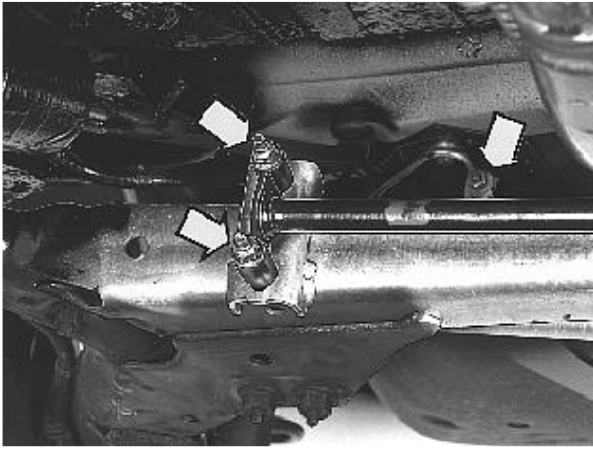
**Install:**

- the spring. Tighten the lower mounting nut for the spring. Tighten to **40 Nm**
- right shock absorber. Tighten to **80 Nm**.

**Install:**

- brake pipe and ABS cable onto trailing arm retaining clip
- the brake pipe bracket on the trailing arm mounting lug
- anti-roll bar to the trailing arm. Use new nuts. Tighten

to 50 Nm.

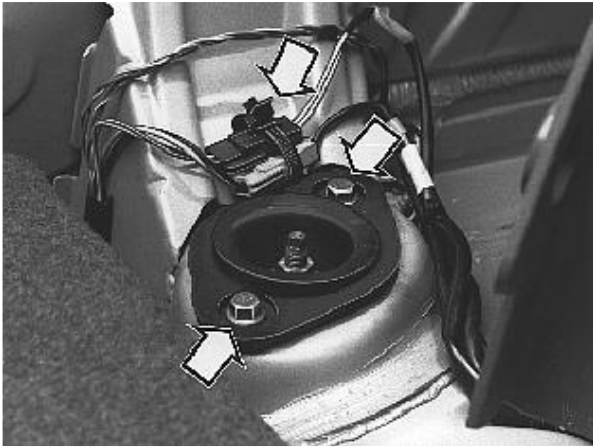


### Install the wheel

Install the wheel studs lightly. Tighten crosswise to 110 Nm.

**Note!** Also see [Wheels and hubs, rear suspension](#) [Tires](#) when installing the wheels.

**Tighten upper shock absorber mounting screws. Tighten to 25 Nm. Install the connector using a tie strap**



### Reinstall carpet, panels / floor hatch

#### 5 door models

Align the floor hatch mountings at the front edge. Install the screws in the rear edge. Align the hatch with the rear floor hatch. Tighten the screws

**Caution!** Adjust toe-in. See [Checking and adjusting the wheel alignment](#) .

