

# SAAB 900 Anti-Sway bar Installation

SAAB 900 Series 1979-1993

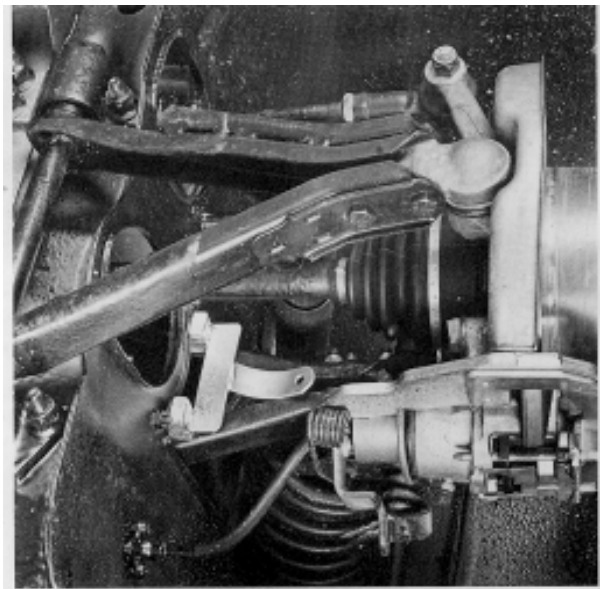
**ANTI-ROLL BAR**

FITTING INSTRUCTIONS



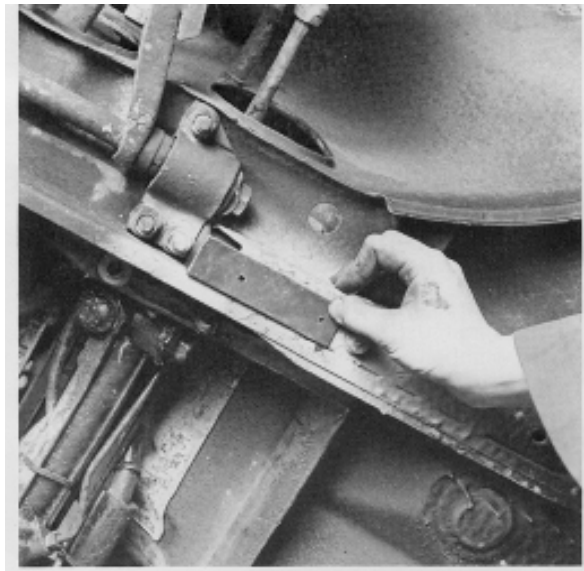
## FRONT

1. Drive the car onto a car lift, but do not lift it up yet.
2. Unload the suspension wishbones on both sides using tool 8393209 positioned under the upper wishbone. *(A couple of wood blocks can also be used - ed)*
3. Raise the car to half-height and remove the front wheels.
4. Raise the car to full height.



### **Points 5-11 only apply to cars without pre-drilled holes.**

5. Position the drilling template on the reinforcing beam (Z-beam). Hold the template against the the suspension swivel clamp, and along the weld.
6. Mark and drill the two 3 mm dia. holes.

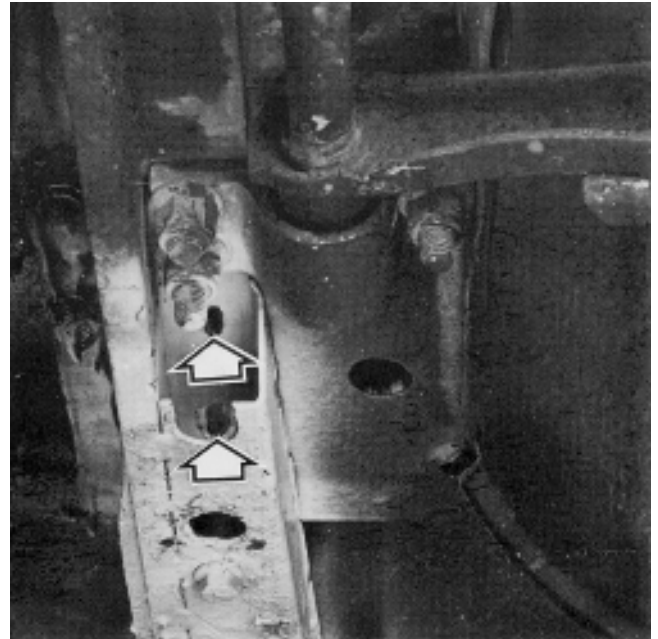


7. Enlarge the holes to 22 mm dia. with a hole saw. These holes are necessary in order to drill fixing holes in the upper side of the beam



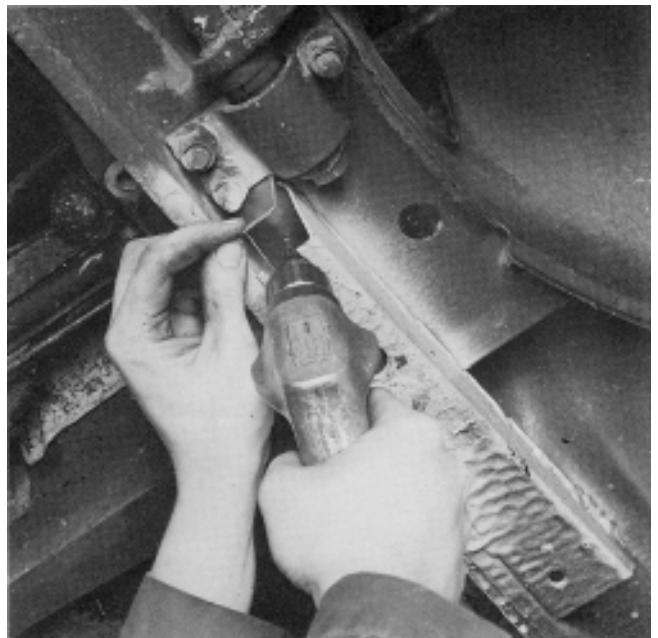
8. Position the drilling template inside the beam. Hold it against the swivel clamp and the inside of the beam.

9. Mark and drill the two fixing holes (3 mm dia.) in the upper part of the beam.



10. Enlarge the holes to 10 mm dia.

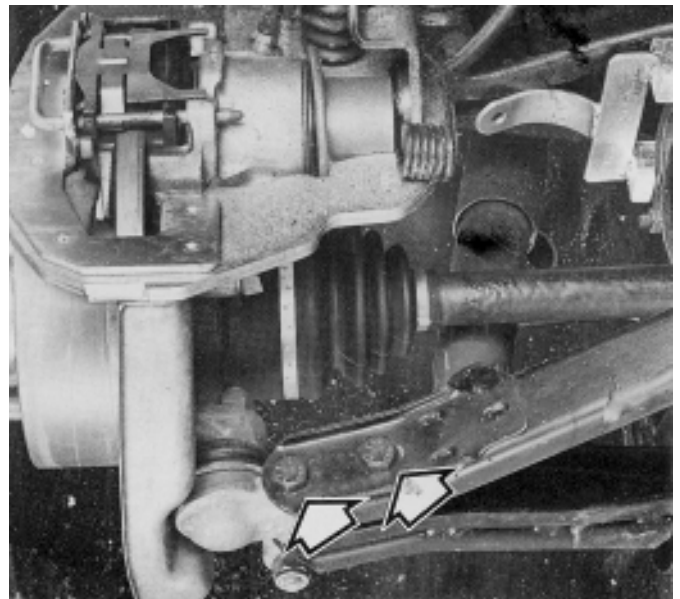
11. Elongate the holes with a rotary file **forwards** so that they are 10 X 15 mm.



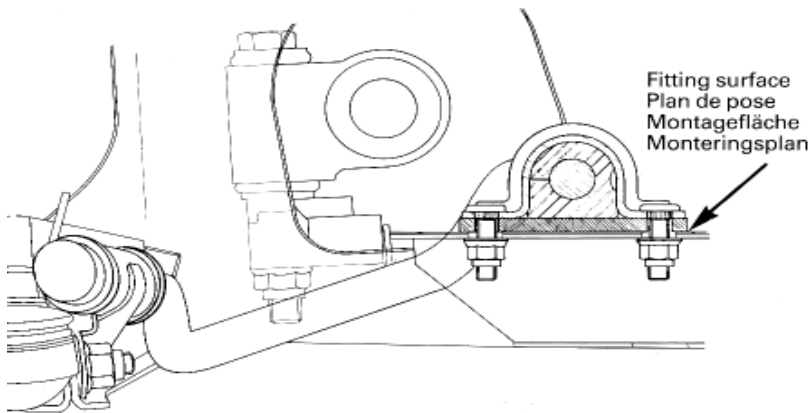
12. Undo the screws for the lower ball joint. Fit the new longer screws **with the screwheads towards the front of the wishbone.**

Do not tighten the nuts

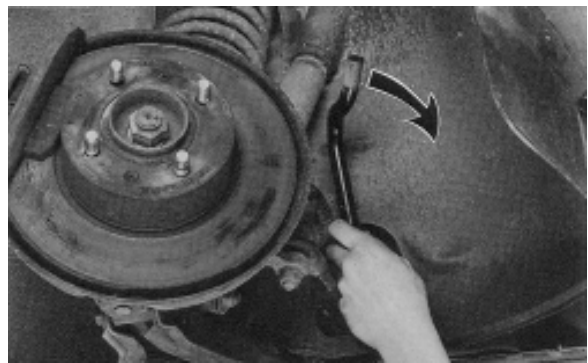
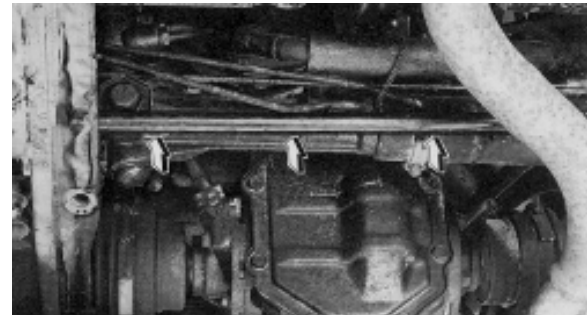
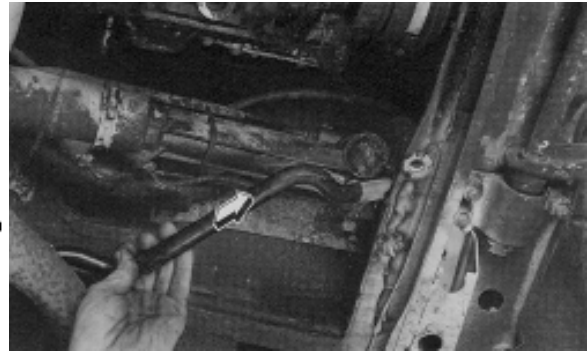
13. Remove the steering rack attachment screws and lift the steering rack upwards and forwards as far as possible.



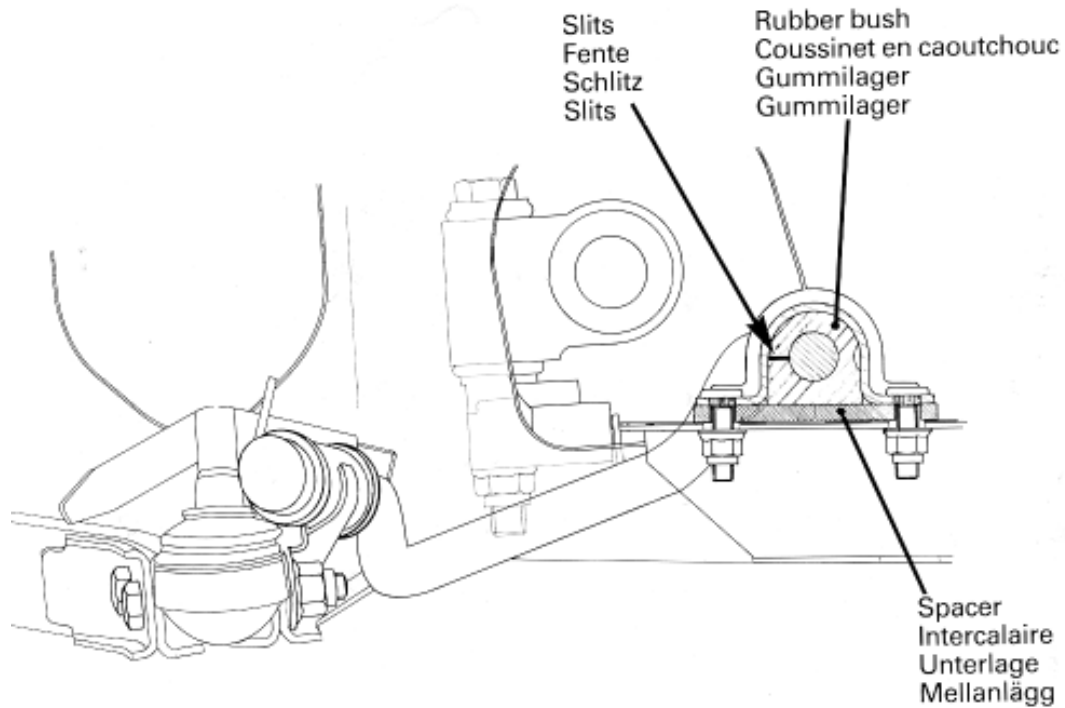
14. Clean up the fitting surface for the anti-roll bar brackets (above the reinforcing beam).



15. Feed the anti-roll bar in from the right hand side, above the exhaust pipe. Follow the picture sequence. The anti-roll bar must be lifted up as far as possible against the displaced steering rack.



16. Lubricate the inner bearing surfaces of the anti-roll bar, the fixing clamps and the rubber bushes(both on the inside and the outside). Use the grease supplied in the kit.



17. Fit the rubber bushes with the slits facing forwards. Mount the anti-roll bar with the fixing clamps and spacers. Tighten the screws somewhat but not completely.

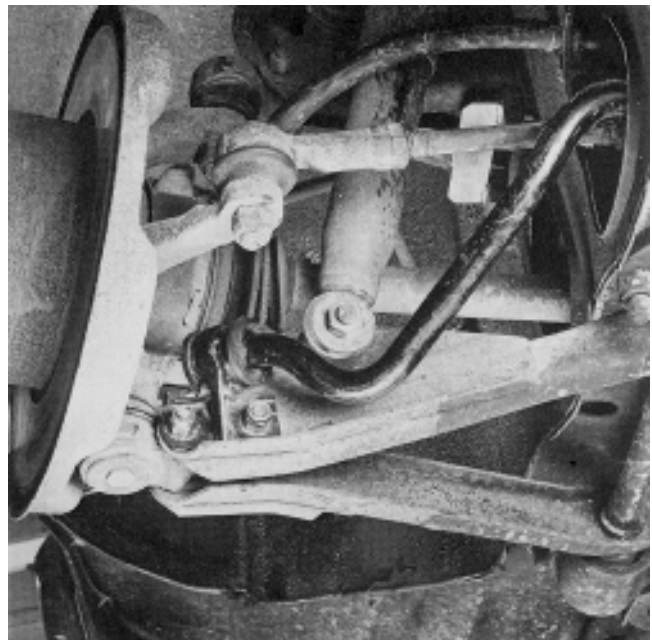
18. Lubricate the outer bearing surfaces of the anti-sway bar and the outer attachment bearing surfaces with the grease included in the kit.

19. Push the outer attachments onto the anti-roll bar and fix to the screws on the lower ball joint. Tighten.

20. Center the anti-roll bar so that the outer parts on both sides are located in the attachments.

21. Tighten both of the inner boot clamps completely.

22. Refit the steering rack. Use new nuts.



## REAR

1. Position a support under the spring arm, in front of the spring.
2. Remove the two nuts for the forward attachment of the spring arm, and lower the spring arm - one side at a time.

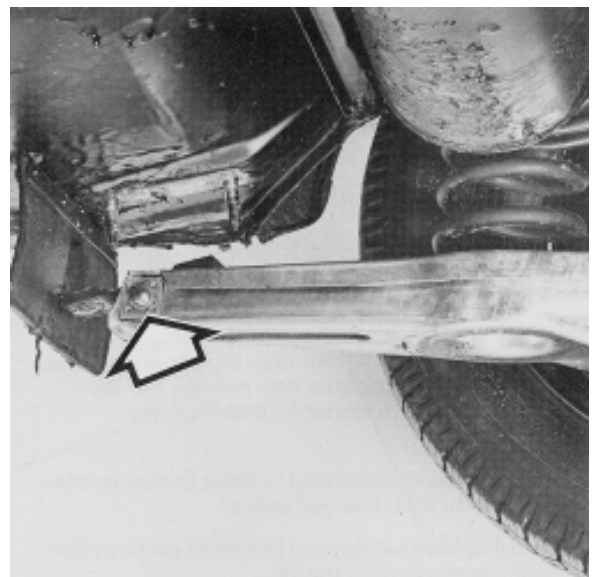


3. Replace the front spring arm screws (M12 X 80) with longer screws (M12 X 90). Fit the screws from the outer side of the car. Do not fit the nuts yet.

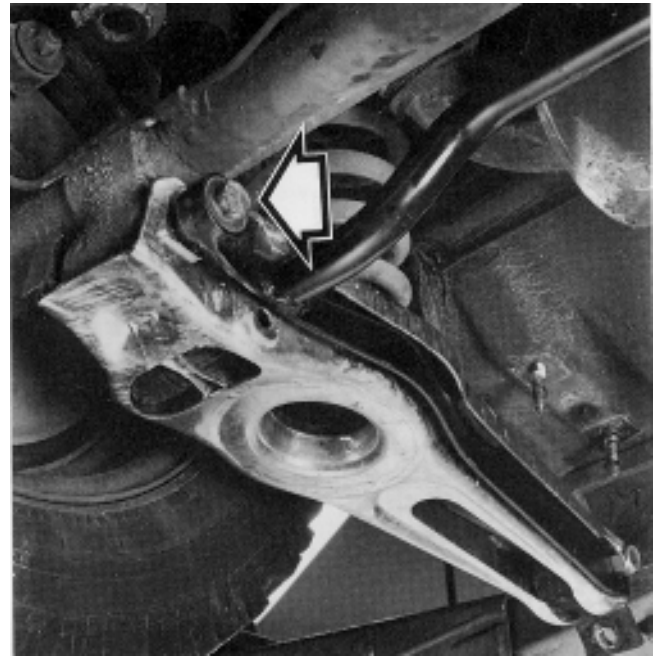


4. Remove the spring arm rear screws (M12 X 110). 5. Fit the rubber cover on the anti-roll bar according to the figure.

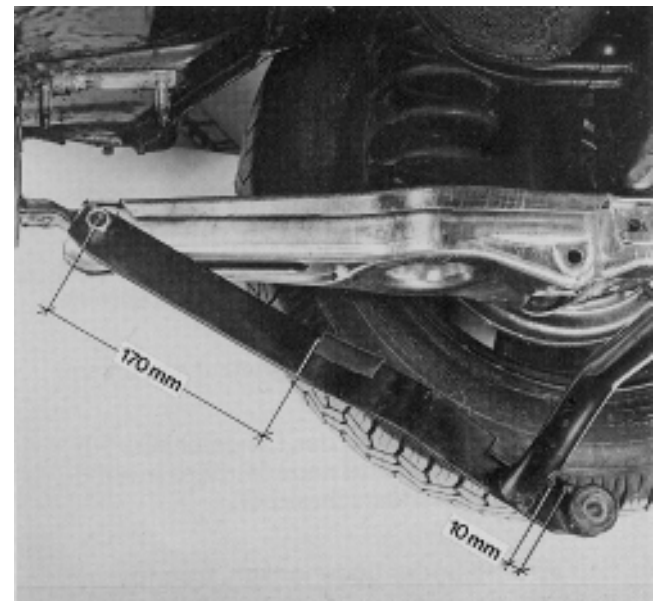
6. Attach the anti-roll bar to the front screws. Fit new nuts, but do not tighten them.



7. Raise the anti-roll bar into position and fit the new longer rear screws (M12 X 150). Fit new nuts but do not tighten them.



8. Position a support under the spring arm, in front of the spring. 9. Raise the front of the bar into position and fit new nuts. Tighten the nuts.



10. Tighten the nuts on the spring arm front screws.

11. Tighten the nuts on the the spring arm rear screws. **N.B** The screw head must not rotate in the rubber bush in the anti-roll bar. **Hold the screw head** with a spanner when tightening the nut.

12. Lower the car halfway and replace the wheels

13. Lower the car completely and remove the tools from above the upper wishbones.

