

SAAB

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DESCRIPTION

Tube type rear axle with coil springs. Rear axle is straight tube with stub axles press fitted into the ends. Axle is mounted to body by two lower control arms, which are connected at rear to the axle tube and to the body at front. Rear links are also used which mount rearward from stub axle assembly to body. A cross bar is mounted from right side of axle and attaches to body support in center. Coil springs are mounted between lower control arms and body. Telescopic shock absorbers are used which are attached between lower control arms and body.

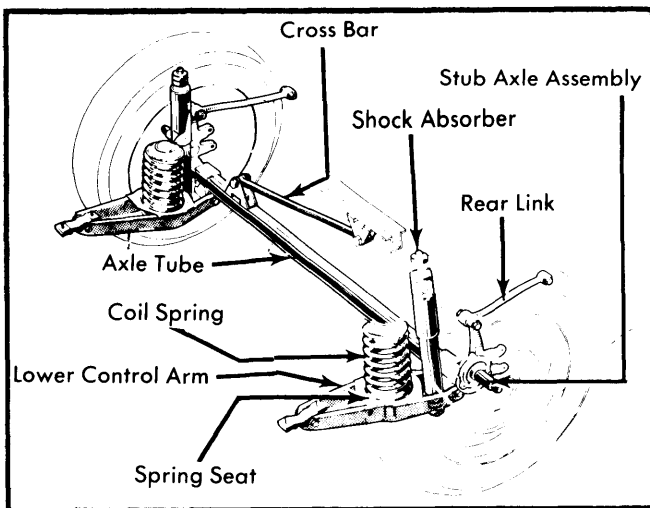


Fig. 1 Saab Rear Suspension Assembly

ADJUSTMENT

REAR WHEEL BEARINGS

See *Wheel Bearing Adjustment* in *WHEEL ALIGNMENT* Section.

REMOVAL & INSTALLATION

SHOCK ABSORBERS

Removal – Jack up vehicle and place on safety stands. Remove wheel and tire. On lever type shock absorber, disconnect shock lever from link and remove shock from body. On telescopic shock absorbers, disconnect shock from upper and lower brackets and remove shock.

Installation - To install, reverse removal procedure.

REAR AXLE ASSEMBLY

Removal – Raise rear of vehicle and support on safety stands. Remove wheels and tires. Disconnect rear brake hoses, lower shock absorber attachments, and cross bar. Position a jack under rear axle, lower axle and remove rear springs. Remove screws of spring link rear bushings and remove axle assembly from vehicle.

Installation – To install, reverse removal procedure while noting the following: Do not tighten bearings until car weight is on suspension to ensure bearings are aligned correctly. Cross bar-to-body attaching screw must be installed with nut facing forward. Bleed brake system.