

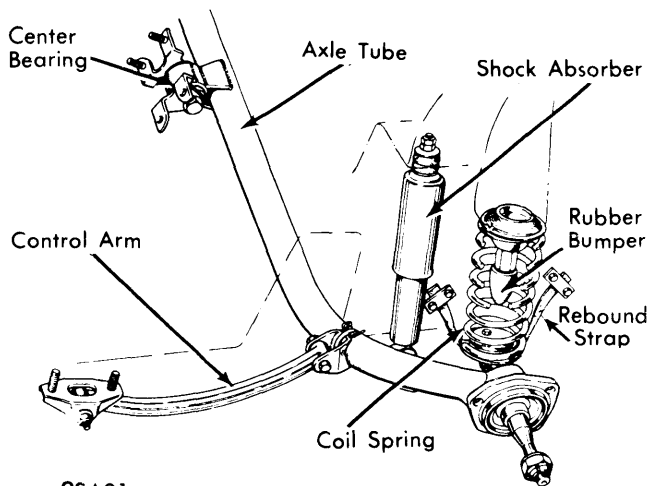
SAAB

Sonett

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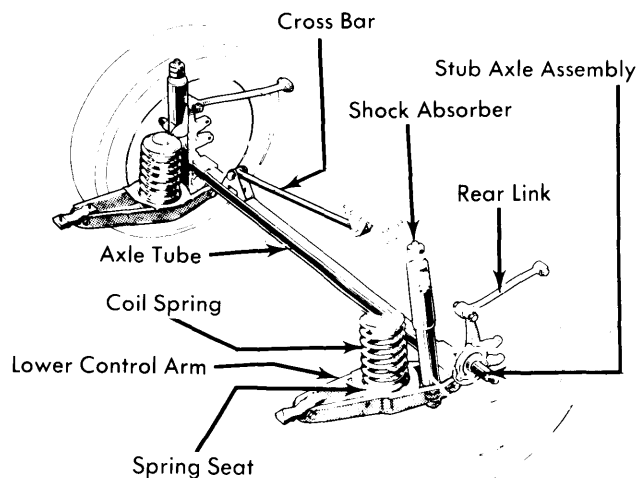
DESCRIPTION

Sonett — Tube type rear axle with coil springs. Rear axle is a tube with swept back ends which carry press fitted stub axles. At center, tube is attached to body by means of a rubber bushed bearing bracket. A control arm is also attached to each end of tube. These control arms are connected between tube axle and body. Coil springs are bolted to extension on inside of stub axle at bottom and are attached to body at top. All models use telescopic shock absorbers that are mounted forward of coil springs.



9SA01

SONETT REAR AXLE ASSEMBLY



4SA01

99 REAR AXLE ASSEMBLY

99 Models — Tube type rear axle with coil springs. Rear axle is a 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.

ADJUSTMENT

REAR WHEEL BEARINGS — See *Rear Wheel Bearings 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 (SONETT)

Removal — Remove rear seats, jack up vehicle and support with safety stands. Remove wheels and tires, exhaust pipe and rear muffler. Disconnect and plug brake hoses. Loosen rear brackets for rebound straps, coil spring may now be removed. Support axle and disconnect shock absorbers at axle for lever type or at body for telescopic type. Disconnect brake cable clamps from shaft and wire connection from rear brake levers. Remove rear axle center bearing from body. Remove lower control arm brackets (nuts are accessible from inside car under rear seat cushion). Rear axle assembly may now be removed.

Installation — To install, reverse removal procedure, however, do not tighten bearing brackets until car weight is on suspension to ensure bearings are aligned correctly. Ends of the rebound straps must project .6" (15 mm) beyond brackets.

REAR AXLE ASSEMBLY (99 MODELS)

Removal — Jack up vehicle and support on safety stands. Remove wheels and tires. Disconnect brake hoses and lower shock absorber attachments. Disconnect rear links at body and position downward. Remove cross bar. Lower axle and lift out coil springs. Remove bolts securing lower control arms to axle and remove axle.

Installation — To install, reverse removal procedure, however, do not tighten bearing brackets until car weight is on suspension to ensure bearings are aligned correctly.