

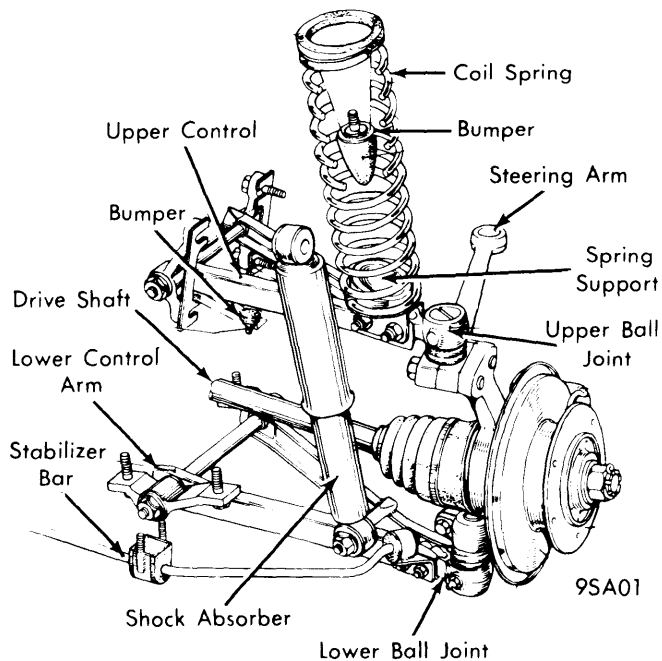
SAAB

Sonett

99

DESCRIPTION

Independent front suspension with coil springs. Wheel is supported by steering knuckle mounted between upper and lower control arms by means of ball joints. Both upper and lower control arms pivot on shafts connected to body. Coil springs fit in pockets built into body at top and in supports attached to upper control arms at bottom. Hydraulic shock absorbers mount between lower control arm and body. If stabilizer bar is used, it is attached to frame and connected at ends to lower control arms.



FRONT SUSPENSION COMPONENTS

ADJUSTMENT

WHEEL ALIGNMENT SPECIFICATIONS & PROCEDURES

See *Wheel Alignment Specifications and Procedures* in *WHEEL ALIGNMENT* Section.

BALL JOINT CHECKING – See *Ball Joint Checking* in *WHEEL ALIGNMENT* Section.

REMOVAL & INSTALLATION

SHOCK ABSORBERS

Removal – Raise vehicle and place safety stands under frame. Remove wheel and tire. Remove nuts securing shock absorber and remove shock.

Installation – To install, reverse removal procedure.

COIL SPRING (SONETT)

Removal – Raise and support vehicle. Remove tire and wheel. Remove upper rubber bumper and shock absorber. Using suitable spring compressor, collapse spring. Remove two bolts securing ball joint to upper control arm and remove lower spring support and spring.

Installation – To install coil spring, reverse removal procedure.

COIL SPRING (99)

Removal – Raise and support vehicle. Remove tire and wheel. Using suitable spring compressor (899584) collapse spring approximately 1 1/2" (30-40 mm). Remove spring and upper attaching hardware. **NOTE** – *Steel cone and other hardware may be stuck in undercoating; use suitable tool to remove.*

Installation – To install coil springs, reverse removal procedure.

STABILIZER BAR

Removal – Jack up front of vehicle and remove both wheels. Remove stabilizer bar by disconnecting mounting brackets from body. These nuts are accessible from inside engine compartment. Detach bar from both body, end bearings at control arms and brackets, then remove bar towards the right.

Installation – To install, reverse removal procedure.