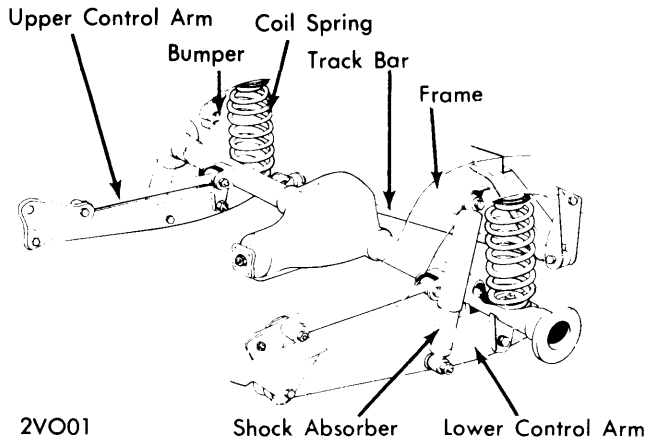


## VOLVO

140 Series  
164

## DESCRIPTION

All models use a live axle with coil spring rear suspension. Upper and lower control arms, running forward from axle, are used. A track bar is connected at one end to axle and on opposite side of vehicle to frame. Coil springs mount between axle assembly and frame. Hydraulic shock absorbers are used and are attached at top end to frame and at lower end to control arm.



VOLVO REAR SUSPENSION COMPONENTS

## REMOVAL &amp; INSTALLATION

## SHOCK ABSORBER

**Removal** — Raise rear of vehicle and support on safety stands. Remove wheel and tire. Use jack to raise rear axle. Remove upper and lower attaching nuts and remove shock absorber.

**Installation** — To install shock absorber, reverse removal procedure.

## COIL SPRINGS

**Removal** — Raise vehicle and place on safety stands. Remove tires and wheels. Place jack under rear axle housing and jack up axle until spring compresses. Loosen upper shock attachment and back off rebound strap upper attachment (if equipped). Loosen upper and lower spring attachments. Lower axle carefully until spring is free and remove spring.

**Installation** — To install, reverse removal procedure.

## REAR AXLE

**Removal** — Raise rear of vehicle and place safety stands in position. Remove tires and wheels. Place jack under axle housing and raise axle until spring compresses. Remove propeller shaft from flange on pinion. Disconnect brake lines. Disconnect parking brake wires from levers and brackets on brake backing plate. Remove track bar, shock absorbers and rebound straps (if equipped) from rear axle. Remove rear bolts on upper control arms and loosen front bolts on lower control arms about one turn. Remove lower attaching bolts for spring (if equipped). Lower jack supporting rear axle, remove spring, then remove bolts securing control arms to axle housing. Remove rear axle.

**Installation** — To install, reverse removal procedure. Adjust hand brake and bleed brakes.