

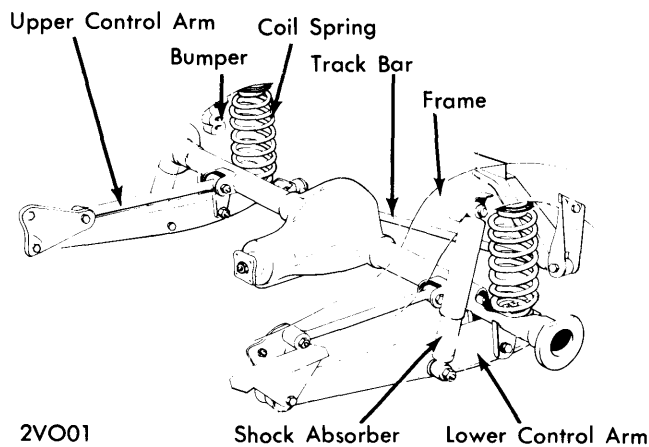
Rear Suspension

1963-73 VOLVO

Volvo, All Models (1963-73)

DESCRIPTION

All models use a live axle with coil spring rear suspension. Upper and lower control arms, running forward from axle, are used on all except 544 models. 544 models use one set of non-parallel control arms. All models also use a track bar, connected at one end to axle and to frame, at opposite side of vehicle, at other end. Coil springs mount between axle assembly and frame. Hydraulic shock absorbers are used which attach to frame at top end and to lower control arm at bottom on all models except 122S and P 1800 models. On 122S and P 1800 models, shock absorbers mount to upper control arms.



VOLVO REAR SUSPENSION COMPONENTS (TYPICAL)

REMOVAL & INSTALLATION

SHOCK ABSORBER (EXCEPT 140 & 160 SERIES)

Removal – Remove upper attaching nut, washer and rubber bushing from inside of luggage compartment. Remove lower attaching nut, washers and rubber bushing. Remove shock absorber.

Installation – To install shock absorber, reverse removal procedure.

SHOCK ABSORBER (140 & 160 SERIES)

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 wheels and tires. Place jack under rear axle housing and jack up axle until spring compresses. Loosen lower shock absorber attachment (all except 140 & 160 series) or upper shock attachment (140 & 160 models) and loosen rebound strap upper attachment (if equipped). Loosen upper and lower spring attachments (140 & 160 models). 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 on safety stands. Remove wheels and tires. 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. Loosen front attaching bolts for control arms about one turn. Remove lower attaching bolts for spring (if equipped). Lower jack supporting rear axle, then remove bolts securing control arms to axle housing. Remove rear axle.

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