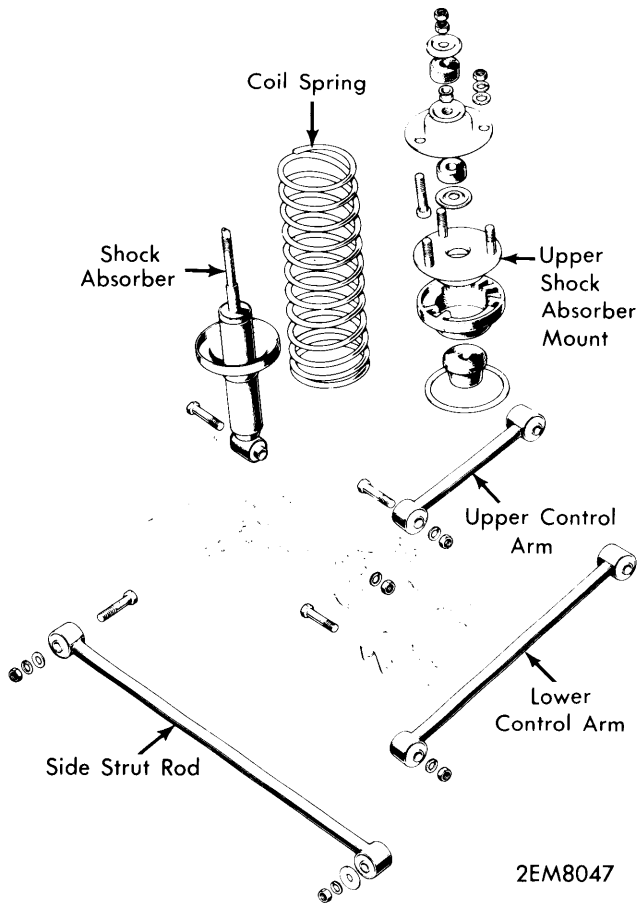


1971-73 MAZDA 616 & RX2

616 (1971-72)
RX2 (1971-73)

DESCRIPTION

Coil spring type suspension utilizing upper and lower control arms as pivot supports. Coil springs mount on outside of shock absorbers and connect at bottom to axle and at top to inner fender panel. A side strut rod is mounted to rear side of axle and runs parallel with axle to mount at side of body.



MAZDA 616 & RX2 REAR SUSPENSION

REMOVAL & INSTALLATION

SHOCK ABSORBER ASSEMBLY

Removal – Remove nuts from both upper and lower shock absorber mounts. Place jack under axle housing and raise vehicle. Place a safety stand under chassis member and slowly lower vehicle and remove shock absorber.

Disassembly – Secure shock absorber in a vise and compress coil spring using a suitable spring compressor (49 0223 640A and 49 0223 641). With spring compressed, remove locknut and nut from end of shock absorber shaft. Remove retaining washer, rubber bushing, upper mount, rubber stopper, upper spring seat, rubber seat, adjusting shim and coil spring.

Assembly – Inspect all components for wear or damage. Inspect shock absorber for leaks. *NOTE* – If shock absorber is found defective, it must be replaced as it is a sealed unit and filled with gas. Install coil spring and components in reverse of removal order.

Installation – To install, reverse removal procedure. Tighten shock absorber mounting nuts to specification.

CONTROL ARMS

Removal – Remove pivot bolts from front and rear of control arms and remove control arms.

Installation – Inspect control arms and rubber bushings for wear or distortion. To install, reverse removal procedure, making sure white mark on control arm faces front of vehicle. Tighten pivot bolts to specification.

SIDE STRUT ROD

Removal – Remove nut attaching strut rod to axle housing. Remove pivot bolt and nut attaching strut rod to body.

Installation – To install reverse removal procedure and tighten nuts to specification.

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (mkg)
Shock Absorber Mounting Nuts	80 (11)
Control Arm Pivot Bolts	80 (11)
Side Strut Rod Mounting Bolts	80 (11)