

1973 AUDI FOX

Fox (1973)

Installation — To install, reverse removal procedure, torquing mounting parts as required.

► CHANGES, CAUTIONS, CORRECTIONS

► **1973 AUDI FOX — STOP PADS FOR REAR COIL SPRINGS** — From Chassis Number 32 171 627, longer rear coil spring stop pads (Part Number 823 512 131 C) have been installed to increase ground clearance when vehicle is fully loaded. These pads may also be installed on earlier vehicles for the same purpose.

DESCRIPTION

Rear suspension is a coil spring type linkage, using a transverse suspension rod for stabilization. This suspension is similar in appearance to that used on the Audi 100 models, except this suspension does not have the torsion bars used on the 100 models.

REMOVAL & INSTALLATION

REAR AXLE

Removal — With wheels removed, loosen clip at exhaust pipe, disconnect exhaust holder, and remove rear muffler with tail pipe. Unscrew nut at parking cable linkage. Pry guide sleeves out of holders and disconnect parking brake cable. Detach parking brake cable at holders on both sides of vehicle. Disconnect both rear brake lines from brake hoses. Remove control arm mounting bolts on both sides and transverse suspension rod mounting bolt on right side. Remove shock absorber lower mounting bolts and withdraw rear axle.

Installation — To install, reverse removal procedure. **NOTE** — Before installing rear axle, it is recommended that control arm bushing and/or transverse suspension rod bushings be replaced, as this is accomplished with rear axle removed. See procedures as outlined below.

CONTROL ARM BUSHINGS

Replacement — Use a press and suitable mandrel (50-103) to remove bushing. Dip new bushing in boring emulsion before installation. Install using same tools.

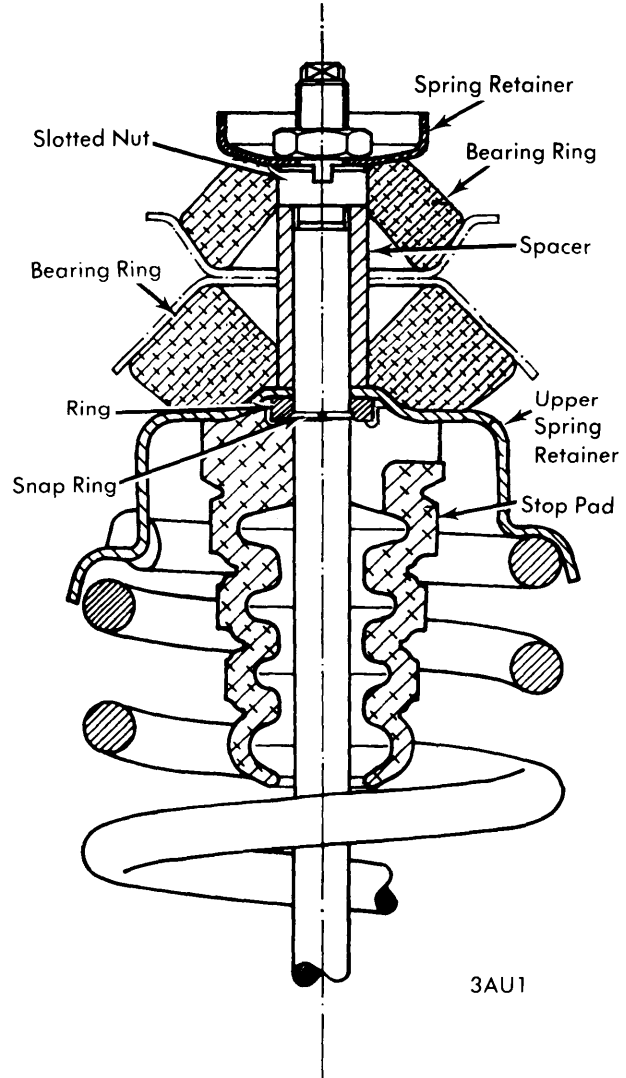
TRANSVERSE SUSPENSION ROD BUSHING

Replacement — Use a press and suitable mandrel (10-14) for removal of old bushing and installation of new bushing. Dip new bushing in boring emulsion prior to installation.

REAR COIL SPRING ASSEMBLY

Removal — 1) Remove rear seat cushion and seatback. Remove guard from upper shock absorber mount. Unscrew top mounting nut through opening behind seatback. Loosen lower shock absorber mounting bolt and carefully pull out coil spring assembly.

2) Loosen upper coil spring assembly nuts (counterhold spindle on double flat). When obtaining replacement coil spring, ensure one of same color coding is used. Reassemble coil spring assembly.



REAR COIL SPRING ASSEMBLY

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (mkg)
Upper Spindle Nuts (Coil Spring)	11 (1.5)
Lower Shock Absorber Mount	46 (6.3)
Upper Shock Absorber Mount	25 (3.5)