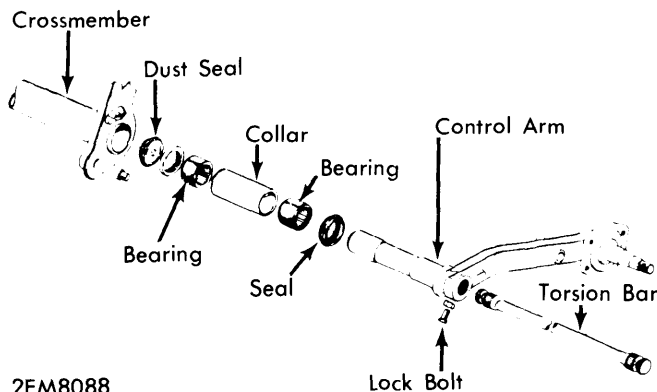


1970-71 SUBARU 1100 & 1300 STATION WAGON

1100 (1970-71)
1300 (1971)

DESCRIPTION

Rear suspension is independent, semitrailing arm type with torsion bars. Double action hydraulic shock absorbers are also employed.



2EM8088

REAR SUSPENSION COMPONENTS

REMOVAL & INSTALLATION

REAR SUSPENSION ASSEMBLY

Removal – Raise rear of vehicle and support with safety stands. Remove rear wheels and muffler. Disconnect brake line

at flex line. Disconnect rubber mount securing suspension assembly to body at upper portion of shock absorber mounts. Remove remaining bolts securing crossmember to body and remove rear suspension assembly.

Installation – To install suspension assembly, reverse removal procedure. Tighten all bolts and nuts to specifications and bleed hydraulic brake system.

SHOCK ABSORBERS

CAUTION – If removing shock absorber with vehicle raised, screw vehicle height adjustment screw completely out.

Removal – Remove nuts securing shock absorber to upper mount and control arm and remove shock absorber.

Installation – To install, reverse removal procedure. Reset vehicle riding height. See appropriate story in *WHEEL ALIGNMENT* Section.

CONTROL ARM & TORSION BAR

Removal – Remove control arm lock bolt and pull from crossmember. Remove torsion bar lock bolt at center of crossmember and pull torsion bar from crossmember. If seals or bearings in crossmember are being replaced, pull from crossmember with a suitable puller (925120000).

Installation – To install bearing and oil seal, use same tool as used for removal. Install bearing so that distance between outer edge of bearing and crossmember is 5.36". Lubricate bearing with soapy water before installing. Torsion bars are marked "L" and "R" and should be installed accordingly. To install remaining components, reverse removal procedure.