

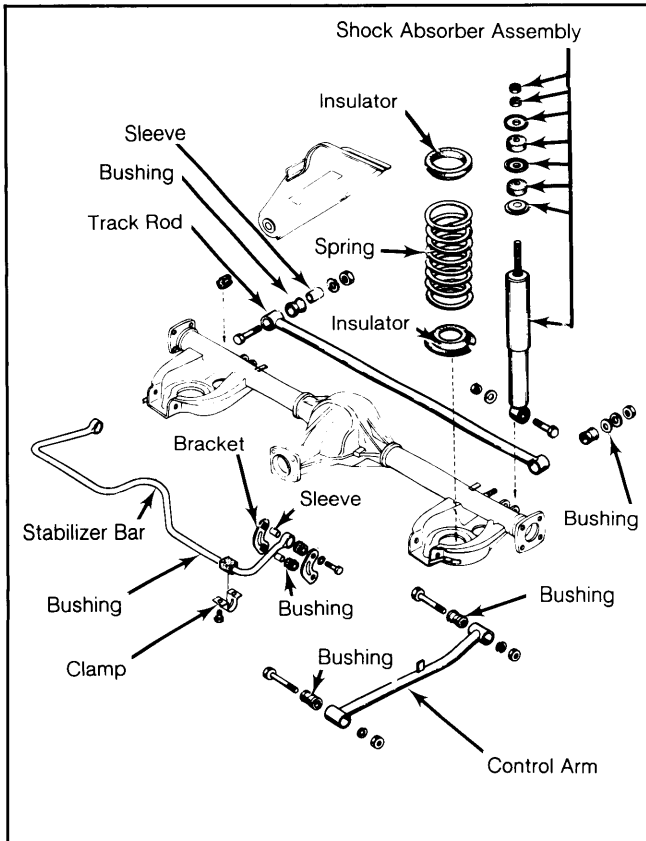
ISUZU I-MARK

DESCRIPTION

The rear suspension is of link type and consists mainly of a track rod, control arms, coil springs, shock absorbers and a stabilizer bar on some models.

The track rod is connected to the rear axle housing and to the body. Control arms are connected to the body and rear axle housing to control front and rear movement of the rear axle. Shock absorbers are connected to the rear wheel arch and to rear axle housing.

Fig. 1: Exploded View of I-Mark Rear Suspension



TRACK ROD

Removal

Raise vehicle and support under rear axle housing. Remove bolt that attaches track rod to body. Remove nut that attaches track rod to rear axle housing. Remove track rod.

Installation

Install track rod to rear axle housing and to body. Tighten track rod attaching bolts with full weight of vehicle on floor.

CONTROL ARMS

Removal

Raise vehicle and support under rear axle housing with safety stands. Remove bolts attaching control arms to rear axle housing. Remove bolts attaching control arms to body. Remove control arms.

Installation

Install control arms to body and to rear axle housing. Tighten control arm bolts with full weight of vehicle on floor.

COIL SPRING

Removal

1) Raise vehicle and support with safety stands. Place a floor jack under rear axle housing and raise slightly to support axle housing.

2) Remove bolts retaining bottom of shock absorbers to rear axle housing. Lower axle housing until coil springs become loose enough to remove.

Installation

1) Place spring in its proper position, making sure that top insulator is in place. Raise axle housing until bottom of shock absorbers can be reconnected.

2) Install lower shock absorber bolts. Tighten lower shock bolts with full weight of vehicle on floor.

SHOCK ABSORBERS

Removal

1) Raise vehicle and support under axle housing with safety stands. Remove lower shock absorber retaining bolts.

2) Remove fuel tank cover from inside trunk. Remove upper shock absorber retaining nuts. Remove shock absorbers.

Installation

1) Install upper end of shock absorber into wheel arch. Install upper shock absorber retaining nuts.

2) Install fuel tank cover in trunk. Install lower shock absorber attaching bolts. Remove safety stands and lower vehicle.

STABILIZER BAR

Removal

Raise vehicle and support with safety stands. Remove bolts attaching stabilizer bar-to-axle housing brackets. Remove clamps attaching stabilizer bar to body. Remove stabilizer bar.

Installation

Install rubber bushings on stabilizer bar. Install clamps that attach stabilizer bar to body. Install bolts that attach stabilizer bar to axle housing. Tighten stabilizer bar attaching bolts with full weight of vehicle on floor.

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (N.m)
Control Arm Bolts	29 (39)
Track Rod-to-Axle Housing	54 (73)
Track Rod-to-Body	47 (64)
Shock Absorber-to-Axle Housing	29 (39)