

DATSUN 610

610

DESCRIPTION

Fully independent rear suspension, semi-trailing arm type, consisting of: a suspension member, coil springs, control arms, hydraulic shock absorbers. Control arms pivot in rubber insulators mounted on suspension member. Bearing housing and lower shock absorber mount is integral with outer end of control arm. Coil springs are mounted between control arms and body. Shock absorbers are mounted between control arms and body.

REMOVAL & INSTALLATION

REAR AXLE & SUSPENSION ASSEMBLY

Removal — Raise rear of vehicle and appropriately place safety stands; remove tires and wheels. Disconnect parking brake cable at adjusting nut. Disconnect and remove rear exhaust pipe and muffler. Mark propeller shaft and pinion flange, and remove shaft. Disconnect brake hoses at suspension arms. Support center of suspension member and differential gear carrier using a transmission jack; remove shock absorbers. Disconnect suspension member from body and differential. Carefully lower jack and pull assembly from vehicle.

Installation — Inspect all suspension components for wear or damage. To install, reverse removal procedure and tighten all nuts and bolts.

SHOCK ABSORBER

Removal — Upper shock absorber retaining nut is accessible from inside trunk compartment. Remove trunk finishing assembly and remove retaining nut from upper shock absorber stem. Remove lower shock absorber mounting bolt from control arm and remove shock absorber.

Installation — Reverse removal procedure and tighten all bolts and nuts to specification.

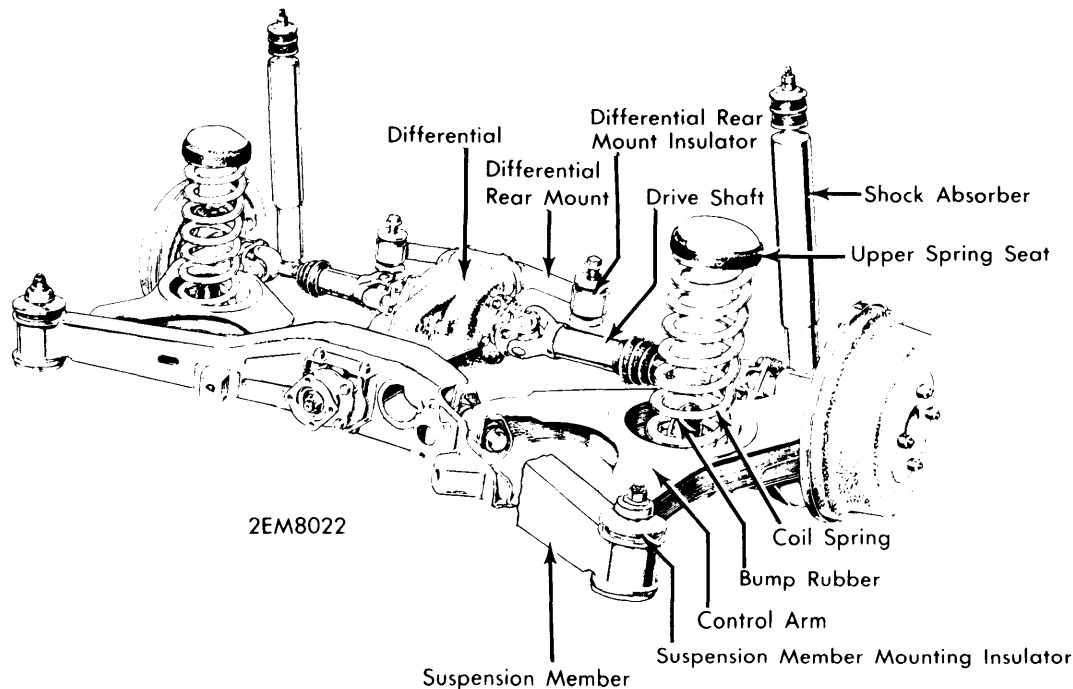
COIL SPRING

Removal — Raise vehicle and support with safety stands. Remove wheel and tire and disconnect hand brake linkage. Remove drive shaft flange nuts on wheel side. Remove nuts securing rubber bumper inside coil spring. Raise control arm enough to remove lower shock absorber bolt. Lower suspension arm enough to remove coil spring, spring seat and rubber bumper.

Installation — Reverse removal procedure and tighten all bolts and nuts to specifications.

CONTROL ARM

Removal — Raise vehicle and support with safety stands. Remove wheel and tire and brake drum. Disconnect drive shaft from axle shaft. Disconnect hand brake cable attached to balancing lever and remove cable from lever attached to wheel cylinder. Disconnect brake line from flex hose. Remove wheel bearing lock nut, axle shaft, wheel bearings and oil seals. Remove brake assembly from control arm. Raise control



DATSUN 610 REAR SUSPENSION

Rear Suspension

DATSUN 610 (Cont.)

arm with a jack enough to remove shock absorber from control arm mount. Lower jack and remove coil spring, spring seat and rubber bumper. Remove bolts holding control arm to suspension member and remove control arm. If rubber bushings in control arm are being replaced, remove bushings using a suitable bushing remover (ST38280000).

Installation — Reverse removal procedure but do not tighten bolts securing control arm to suspension member until full weight of vehicle is on real wheels. Tighten all bolts and nuts to specification.

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (mkg)
Suspension Member Mounting Nut	51-72 (7.0-10)
Differential Member	
Mounting Nut	51-72 (7.0-10.0)
Lower Shock Absorber Mounting	
Bolt	12-16 (1.7-2.2)
Differential Gear Carrier	
Mounting Bolt	36-51 (5.0-7.0)
Suspension Arm-to-Support	58-72 (8.0-10.0)

FIAT 124

124 Special
124 Spider
124 Sport Coupe

DESCRIPTION

Link type rear suspension with coil springs. System uses upper and lower control arms attaching rear axle to body. Brackets on rear axle and body support coil springs with hydraulic, double acting shock absorbers mounted inside coil spring. A stabilizer bar pivots on rear axle and body.

REMOVAL & INSTALLATION

UPPER & LOWER CONTROL ARMS

Removal – Raise and support vehicle. Place support under rear axle. Remove nuts and bolts attaching control arms to axle and to body. Remove control arms.

Installation – Before installing, inspect all parts for signs of damage or wear and replace as necessary. To install, reverse removal procedure.

SHOCK ABSORBERS

Removal – Remove shock absorber upper retaining nuts from inside luggage compartment. Remove nuts attaching shock absorber to spring seat plate and remove shock absorber.

Installation – To install, reverse removal procedure and tighten all nuts and bolts.

COIL SPRINGS

Removal – Raise rear of vehicle and support. Remove wheels and disconnect brake lines. Disconnect parking brake. Remove nuts attaching shock absorbers to body. Disconnect pressure regulator link from axle housing. Support axle with jack, disconnect upper and lower control arms and stabilizer bar. Lower suspension assembly and remove springs.

Installation – Before installing, inspect all parts for signs of excessive wear or damage and replace as necessary. To install, reverse removal procedure and tighten all nuts and bolts. Bleed and adjust brakes if necessary.

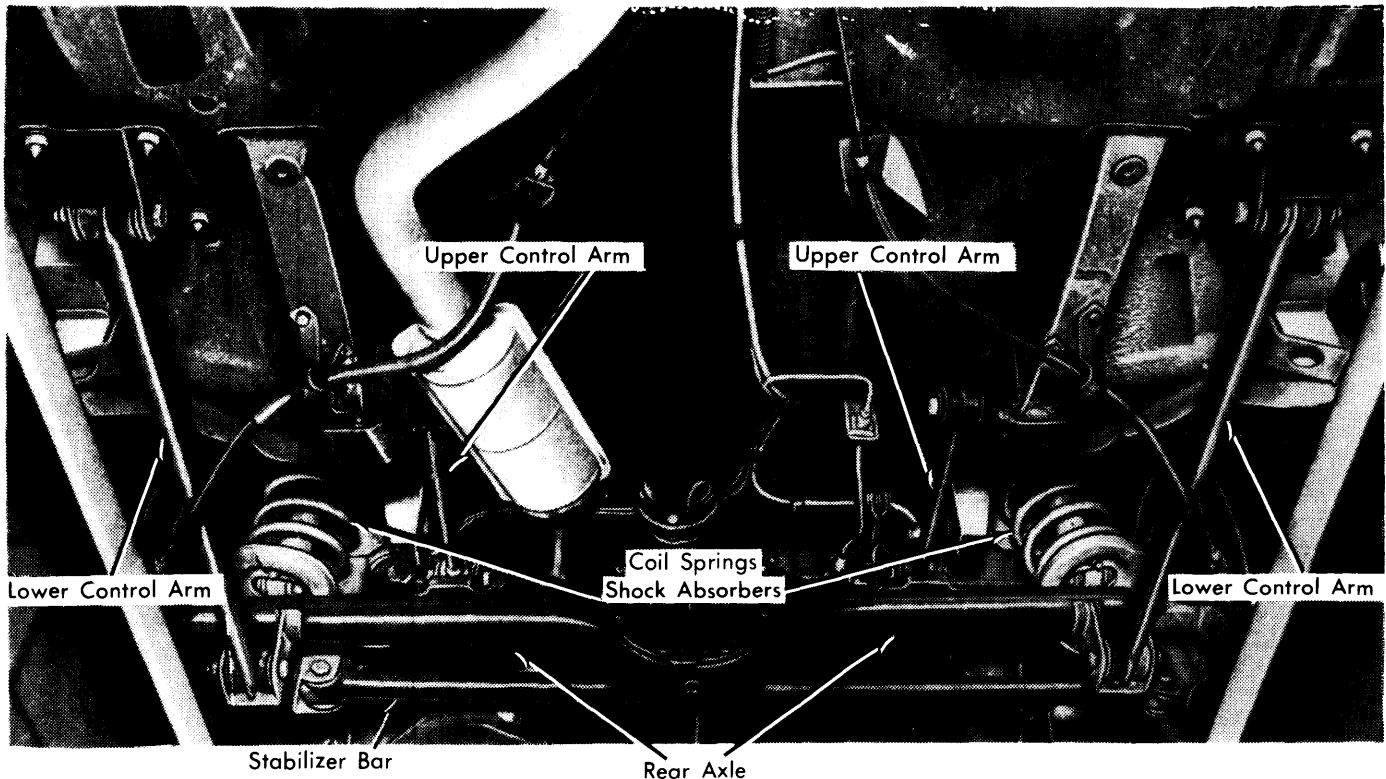
STABILIZER BAR

Removal – Remove nuts and bolts attaching stabilizer bar to rear axle and body and remove bar.

Installation – Inspect all parts for signs of distortion, wear or damage. To install, reverse removal procedure and tighten all nuts and bolts.

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (mkg)
Stabilizer Bar	58 (8.0)
Upper Control Arm-to-Body.....	25 (3.5)
Lower Control Arm-to-Body.....	58 (8.0)
Upper & Lower Control Arm-to-Axle.....	72 (10.0)
Shock Absorber Mountings.....	36 (5.0)



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REAR SUSPENSION ASSEMBLY