

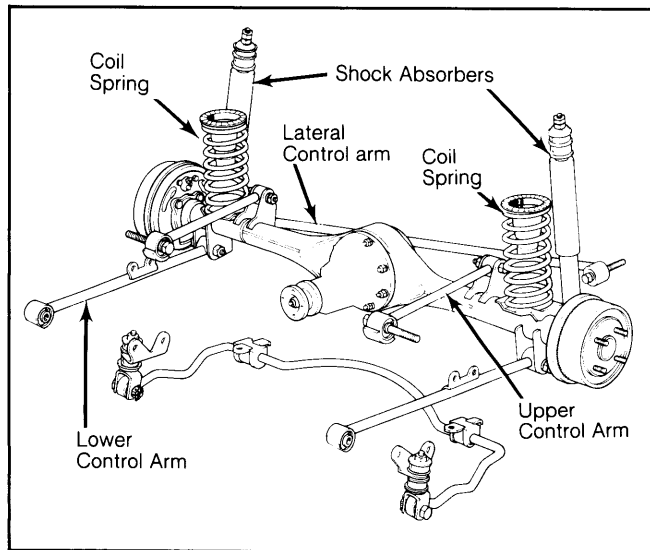
TOYOTA — EXCEPT LAND CRUISER, PICKUP & TERCEL

DESCRIPTION

Coil spring type suspension is used, utilizing upper and lower control arms as pivot supports. Coil springs are mounted between axle and chassis member.

Shock absorbers are connected to axle housing and to chassis member. A lateral control arm is mounted to rear axle housing and to mount at side of body. A stabilizer bar attached to chassis at ends and at axle with brackets.

Fig. 1: Toyota Rear Suspension Components



Starlet does not use the lateral control arm.

REMOVAL & INSTALLATION

SHOCK ABSORBER

Removal

Raise vehicle and support with safety stands, under axle housing. Remove nut retaining shock absorber to rear axle. Remove nut retaining shock absorber to body. Remove shock absorber.

NOTE: Use screwdriver to keep shaft from turning.

Installation

To install, reverse removal procedures.

COIL SPRING

Removal

1) Raise vehicle and support with safety stands, under vehicle body. Place a floor jack under rear axle. Remove nut retaining shock absorber to rear axle and disconnect shock.

2) Disconnect rear stabilizer bar. Remove nut retaining lateral control arm to rear axle housing. Remove lateral control arm. Remove upper and lower control arms. Slowly lower floor jack and remove coil springs and insulators.

NOTE: Be careful of brake lines and parking brake cable while lowering axle.

Installation

To install, reverse removal procedures.

CONTROL ARM

Removal

1) Raise vehicle support with safety stands, under vehicle body. Place a floor jack under rear axle. Remove bolt retaining upper control arm to body.

2) Remove bolt retaining control arm to axle housing. Remove upper control arm. Remove arm-to-body bolt and arm-to-axle housing bolt.

3) Remove control arm. Remove arm-to-body bolt and arm-to-axle bolt. Remove lateral arm.

Installation

To install, temporarily attach control arms. Raise floor jack supporting axle, until vehicle is lifted from body stands. Tighten control arm bolts to specifications. Lower vehicle to floor.

STABILIZER BAR

Removal

Raise vehicle and support with safety stands, under axle. Remove bolts from body and axle. Remove stabilizer bar.

Installation

Attach stabilizer bar to body and axle mounts, leaving nuts and bolts slightly loose. Lower vehicle to floor and bounce several times, to settle stabilizer bar bushings. Torque stabilizer bar bolts to specifications.

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (N.m)
Lateral Control Arm-to-Axle	37-57 (50-78)
Lateral Control Arm-to-Body	
Cressida	66-97 (89-132)
All Others	55-75 (75-102)
Lower Control Arm-to-Axle	
Cressida	87-123 (118-167)
All Others	73-108 (99-147)
Lower Control Arm-to-Body	
Corolla	55-75 (75-102)
All Others	87-123 (118-167)
Shock Absorber-to-Axle	22-32 (30-44)
Shock Absorber-to-Body	16-24 (22-33)
Stabilizer Bar-to-Axle	22-32 (30-44)
Stabilizer Bar-to-Link	14-22 (19-30)
Stabilizer Bar-to-Body	55-75 (75-102)
Upper Control Arm-to-Axle	
Celica & Supra	73-108 (99-147)
Cressida	87-123 (118-167)
All Others	55-75 (75-102)
Upper Control Arm-to-Frame	55-75 (75-102)