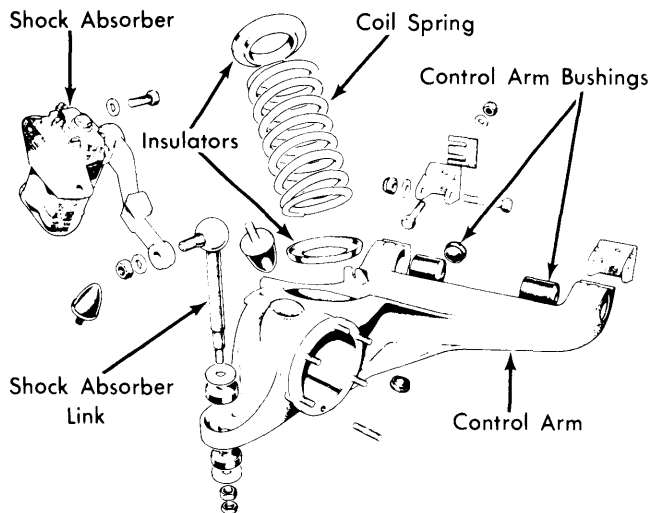


TRIUMPH TR6

TR6

DESCRIPTION

Semi-trailing arm, independent type with coil springs. Control arms pivot in mounts integral with chassis at front and support rear axle bearing carrier at rear. Coil springs are mounted between control arms and spring pockets integral with chassis. Lever actuated hydraulic shock absorbers are mounted to chassis and connected at end of arm to control arm by shock absorber links.



2EM8084

REAR SUSPENSION COMPONENTS

ADJUSTMENT

WHEEL ALIGNMENT SPECIFICATIONS & PROCEDURES

See *Wheel Alignment Specifications and Procedures* in *WHEEL ALIGNMENT* Section.

REMOVAL & INSTALLATION

REAR HUB & AXLE ASSEMBLY

Removal — Raise vehicle, position safety stands under chassis and remove rear wheel and tire. Remove bolts securing axle to differential flange. Remove brake drum and nuts securing bearing carrier and axle to control arm. Remove hub and axle assembly.

Installation — To install rear hub and axle assembly, reverse removal procedure.

COIL SPRING

Removal — Raise vehicle, position safety stands under chassis and remove wheel and tire. Place a jack under control arm and raise slightly. Remove nut, washer and bushing securing shock absorber link to control arm. Carefully lower jack under control arm until coil spring can be removed. Remove spring and upper and lower insulators.

Installation — To install coil spring, reverse removal procedure.

CONTROL ARM

Removal — Raise vehicle, position safety stands under chassis and remove wheel. Disconnect parking brake cable from bracket on control arm. Place a jack under control arm and raise slightly. Remove rear hub and axle assembly as previously outlined. Disconnect shock absorber link from control arm. Disconnect flex line and brake line from control arm. Carefully lower jack and remove coil spring and insulators. Remove pivot bolt from outer control arm bracket and disconnect inner mounting bracket from chassis and remove shim pack and note number of shims. Remove control arm with inner bracket. Remove inner bracket from control arm. Inspect bushings and, if defective, press bushing out of control arm.

Installation — Press in new bushings, if old were removed. To install control arm, reverse removal procedure. Do not tighten control arm pivot bolts until weight of vehicle is on rear wheels. Bleed brake system.

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (mkg)
Shock Absorber-to-Chassis	50-65 (6.9-9.0)
Shock Absorber-to-Link.....	34-46 (4.7-6.4)
Shock Absorber Link-to-Control Arm	15-20 (2.0-2.8)
Axle-to-Differential Flange	26-34 (3.6-6.4)
Control Arm Pivot Bolts.....	38-46 (5.5-6.4)
Control Arm Mounts-to-Chassis.....	26-34 (3.6-4.7)
Control Arm-to-Bearing Carrier	11-16 (1.5-2.2)