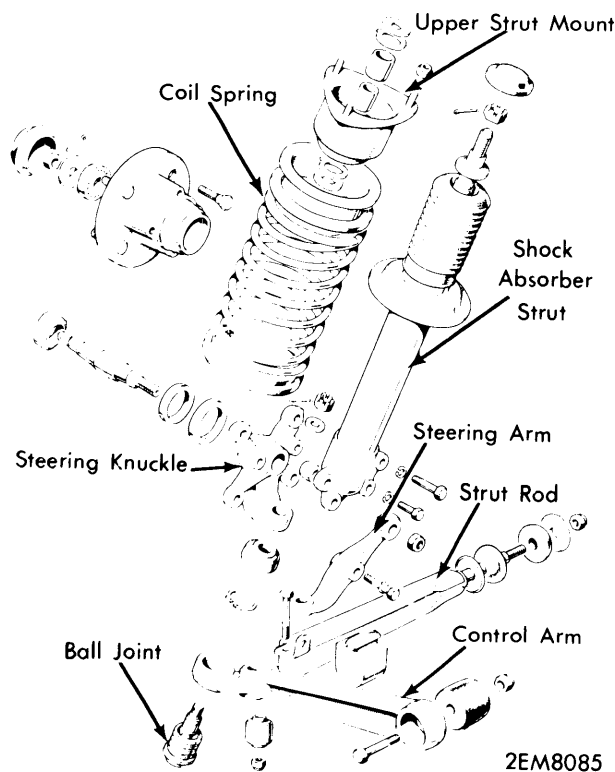


1966-73 TRIUMPH 2000 SEDAN & STAG

2000 Sedan (1966-67)
Stag (1971-73)

DESCRIPTION

Suspension is strut type, utilizing hydraulic shock absorber coil spring assemblies for struts. Strut is secured at top to inner fender panel and at bottom to steering knuckle. Steering knuckle pivots on ball joint connected to lower control arm. Upper portion of strut assembly pivots in mount to provide upper pivot point for steering knuckle. Lower control arm pivots in mount connected to chassis. A strut rod is connected at front to lower control arm and connected at rear to chassis. Stag models utilize a stabilizer bar.



FRONT SUSPENSION COMPONENTS

ADJUSTMENT

WHEEL ALIGNMENT SPECIFICATIONS & PROCEDURES

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

WHEEL BEARING ADJUSTMENT

See *Wheel Bearing Adjustment* in *WHEEL ALIGNMENT* Section.

BALL JOINT CHECKING

See *Ball Joint Checking* in *WHEEL ALIGNMENT* Section.

REMOVAL & INSTALLATION

STABILIZER BAR

Removal (Stag Only) – Disconnect links connecting stabilizer bar to control arm from stabilizer bar. Remove "U" bolt nuts, "U" bolts, clamp brackets, spacers and stabilizer bar.

Installation – Replace rubber bushings as necessary. To install stabilizer bar, reverse removal procedure.

STRUT ASSEMBLY

Removal – Raise vehicle, position safety stands under chassis and remove wheel and tire. Remove bolts securing strut assembly to steering knuckle, note spacer fitted to front top bolt. Remove bolts securing upper strut mount to fender panel and remove strut assembly.

Disassembly – With strut assembly removed, compress coil spring with a suitable spring compressor and adapter (4221A and 4221A-5). With spring compressed, install suitable spring hooks (S230) over at least five coils. *NOTE – If hooks are not over at least five coils, spring will not be compressed enough to disassemble strut assembly.* With hooks installed, install safety strap. Remove spring compressor. Remove nut from shock absorber shaft. Remove upper spring seat with strut mount and pivot bearing. Remove coil spring and use spring compressor to remove hooks.



STRUT ASSEMBLY COMPONENTS

Assembly – Compress coil spring and install hooks and safety straps as previously outlined. Pull shock absorber shaft to end of stroke. Install lower spring insulator, spring, upper insulator and spring seat. Install "D" washer on shaft. Install pivot bearing and sleeve in rubber mount. Install thrust washers on both sides of pivot bearing making sure tabs are inserted in notches and plain side of thrust washers are toward bearing. Install rubber mount on shaft. Install washer, tighten nut and insert cotter pin. Using spring compressor, compress spring and remove safety straps and hooks.

Installation – To install strut assembly, reverse removal procedure.

Front Suspension

1966-73 TRIUMPH 2000 SEDAN & STAG (Cont.)

BALL JOINT

Removal — Raise vehicle, position safety stands under chassis and remove wheel and tire. Disconnect stabilizer bar from control arm (if equipped). Remove nut from ball joint stud and separate ball joint from steering knuckle. Pull up rubber boot, remove snap ring and remove ball joint. Disconnect strut rod from control arm. Remove control arm pivot bolt at crossmember and remove control arm.

Installation — If pivot bushing in control arm is defective, press out and install new bushing. To install control arm and ball joint, reverse removal procedure.

NOTE — *Ball joint might have to be pressed from control arm. If so, control arm must be removed to remove ball joint.*

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (mkg)
Stabilizer Bar Mounts	4 (.6)
Upper Strut Assembly Mount Nuts	18 (2.5)
Strut Assembly-to-Steering Knuckle	
Small Bolts	30 (4.1)
Large Bolts	58 (8)
Strut Upper Mount-to-Shaft Nut	17 (2.4)
Control Arm Pivot Bolt	68 (9.4)
Strut Rod-to-Chassis	35 (4.8)
Strut Rod-to-Control Arm	58 (8)
Ball Joint Stud Nut	43 (5.9)