

1968-73 MG MIDGET

Midget (1968-73)

REMOVAL & INSTALLATION

STEERING COLUMN

Removal – 1) Disconnect battery cable and remove pinch bolt securing steering column clamp to steering gear pinion shaft. Remove screws securing toe-plate to floor board.

2) Note location, quantity and thickness of spacing washers between upper column mount and body mount. Disconnect steering column wiring harness at connector below fascia. Remove steering column with steering wheel and switches.

Installation – 1) If a new steering column is being installed or if spacer washers were lost, steering column must be aligned. See *Steering Column Alignment*.

2) To install old steering column, reverse removal procedure. Make sure spacer washers were installed in original position. Tighten all bolts and nuts to specifications.

STEERING COLUMN ALIGNMENT

1) Turn pinion shaft on steering gear to straight ahead position. Install steering column in vehicle and position inner column in straight ahead position and insert pinion shaft in steering column.

2) Install two top column upper bracket bolts and tighten until weight is off of steering column and column bracket is parallel with body bracket. Steering column should pass through toe-plate hole approximately in center.

3) Measure spaces between brackets. Install spacer washers between both brackets that are same thickness as distance just measured. Tighten bolts finger tight.

4) Tighten toe-plate screws. Tighten column-to-pinion shaft clamp bolt. Measure gap between column and body brackets at third bolt hole and install a spacer washer of same thickness. Tighten bolt finger tight.

5) Remove toe-plate and bolt securing steering column to pinion shaft at steering gear. Pull up on steering column slightly and push down on pinion shaft. Column should move freely.

6) If column moves hard, steering gear alignment must be checked. See *Steering Gear Alignment*. If column moves easily, tighten three upper mount bolts, toe-plate and column-to-steering gear clamp bolt to specification.

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (mkg)
Steering Column Upper Mount Bolts	15 (2.1)
Pinion Shaft Pinch Bolt	10 (1.4)

1962-67 MGA & MGB

MGA (1962) MGB & MGB GT (1963-67)

REMOVAL & INSTALLATION

STEERING COLUMN

Removal – 1) Disconnect battery cable. Disconnect universal joint from inner steering column. Disconnect and remove turn signal indicator switch from steering column (if equipped).

2) Remove both upper and lower column clamping bolts. Disconnect any other wiring connected to steering column. Remove rubber grommet surrounding column at floor board and remove steering column with steering wheel.

Installation – If a new steering column is being installed, column must be aligned during installation. See *Steering Column Alignment*. To install original steering column, reverse removal procedure.

STEERING COLUMN ALIGNMENT

When installing steering column or steering gear in vehicle, there must not be any binding in universal joint. If this condition exists, upper steering gear pinion bearing will wear quickly. To ensure that universal joint is not under any type of load,

the centerline of steering gear pinion and centerline of steering column must pass directly through the center of universal joint spider. This condition is obtained by adjusting steering column support bracket or inserting shims between steering gear and mount.

To align column, tighten universal joint clamp bolts to specifications. With all steering column and steering gear mounting bolts loose, tighten lower column clamp bolts. If there is a gap between steering gear and mount, remove mounting bolts and insert shims of required thickness to take up gap and tighten bolts to specification. To insure correct alignment, loosen lower column clamp bolt and retighten. Tighten upper column clamp bolt.

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs.
Universal Joint Clamp Bolts	20-22
Steering Column Upper Clamp Bolts	12-17