

## MGB

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### REMOVAL & INSTALLATION

#### STEERING COLUMN

**Removal** — Remove steering wheel. See MGB under *STEERING WHEEL & COLUMN SWITCHES* in this section. Remove pinch bolt clamping steering column to "U" joint. Disconnect column wiring at multi-wire connector. Remove column bracket mounting bolts and note position of packing washers. Remove column from vehicle.

**Disassembly** — Remove column covers, take off wiring and combination switch. Drill and use screw extractor to remove ignition switch bolts. Remove switch.

**Reassembly** — Reverse disassembly procedure.

**Installation** — 1) Fit column into vehicle. Replace packing washers and loosely attach column clamp bolts under instrument panel. If packing washers have been lost or if new column is being installed, column must be realigned. See *Column Alignment* in this Section.

2) Connect wiring plug and set wheels straight ahead. Slide steering shaft into "U" joint, making sure grooves align with pinch bolt holes. Fit pinch bolt and tighten.

### ADJUSTMENTS

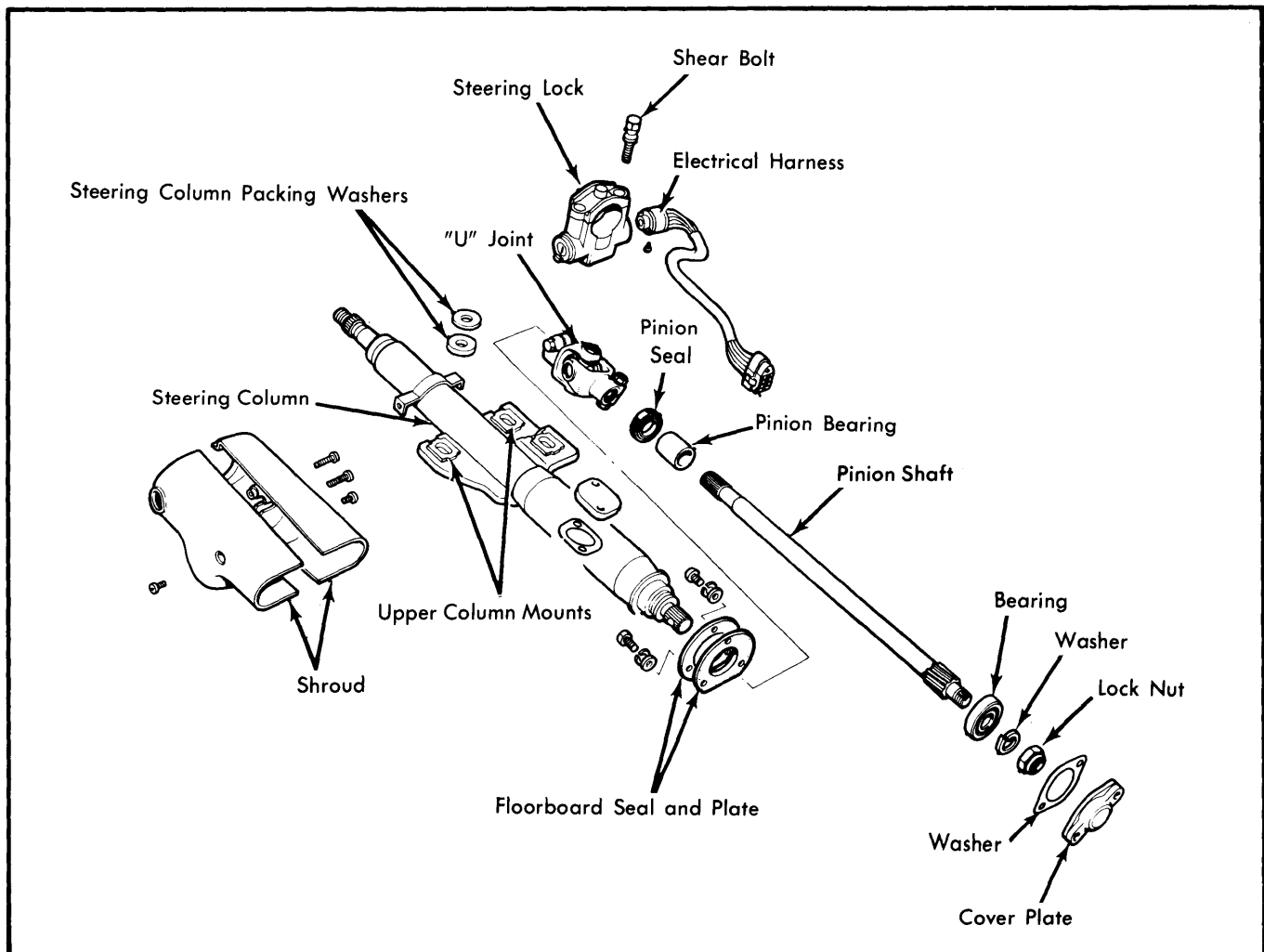
#### STEERING COLUMN ALIGNMENT

1) Remove "U" joint. Fit alignment gauge shown in Fig. 2. Make sure setscrew seats in splined groove.

2) Fit 1 packing washer between each upper column mounting bracket. Tighten bolts until washers are just pinched. Tighten column plate bolts just enough to retain column in center of hole. Make sure rack has original amount of shims. Tighten bolts.

3) To correct horizontal misalignment, move end of column, then tighten column plate bolts.

4) To correct vertical misalignment, use shims placed between rack mounting brackets and bring left and right alignment into tolerance. Do not use more than 3 shims on either bracket. Refit rack and tighten mounting bolts.



**Fig. 1 Exploded View of Steering Column and Related Components**

# Steering Columns

## MGB (Cont.)

5) Check gauge alignment. Make sure pinion has clearance. If there is interference, adjust shims. If alignment is still not adequate, readjust upper shims (packing washers). Make sure not to exceed .235" (6 mm) thickness with shims. Tighten top bolts. Take off gauge set.

6) Measure gap between column upper mounting flange and body bracket at third bolt position. Fit packing shims equal to gap. Tighten bolt. Make sure to rivet shims to rack mounting bracket before completing job.

### TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (mkg)
Upper Column Mounting Bolts .....	12-17 (1.7-2.4)
Universal Clamp Bolts .....	20-22 (2.8-3.0)
Steering Wheel Nut .....	27-29 (3.7-4.0)

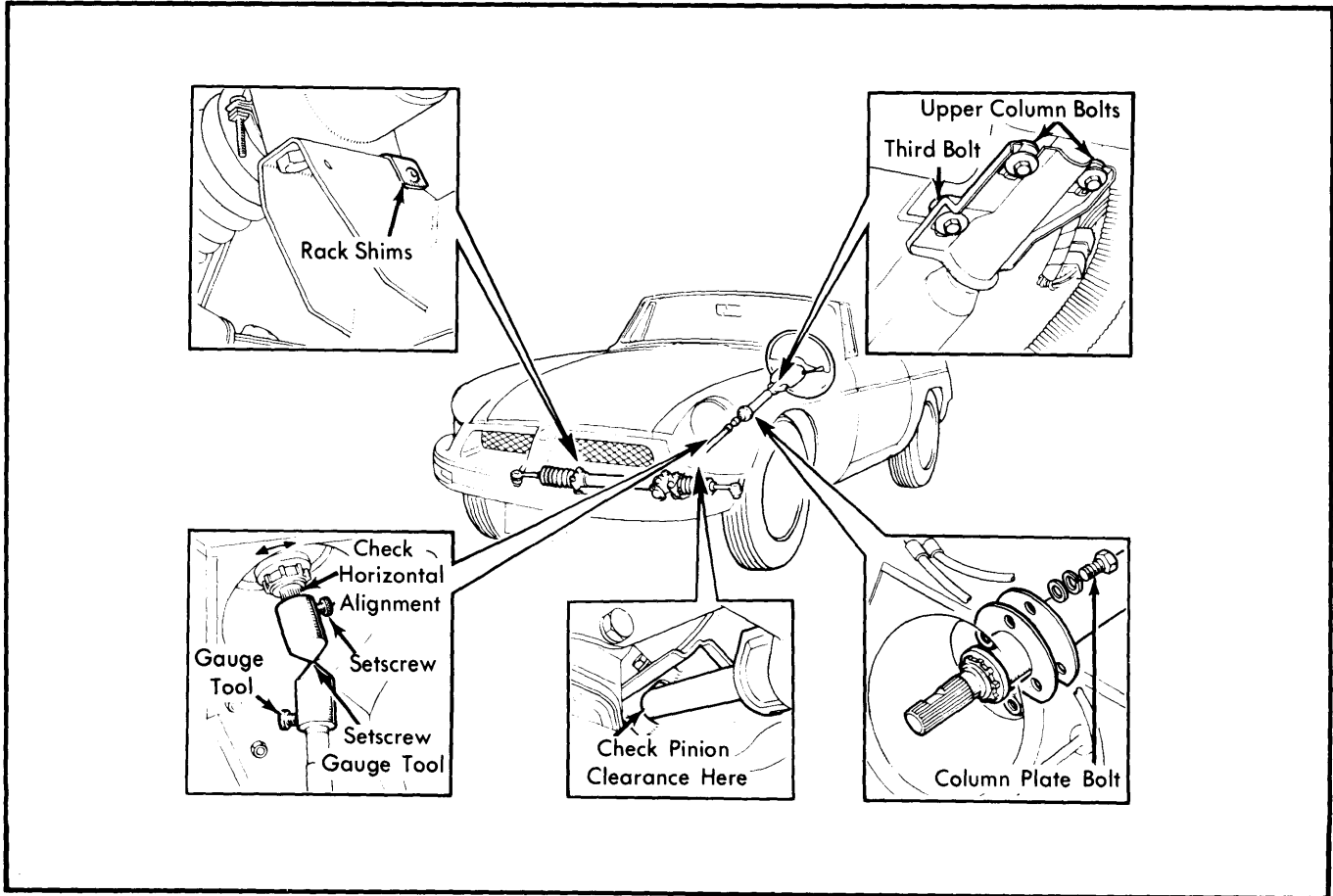


Fig. 2 Steering Column Alignment Steps