

Steering Columns

MGB

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REMOVAL & INSTALLATION

STEERING COLUMN

Removal — Remove pinch bolt attaching steering column to "U" joint. Disconnect steering column wiring at multi-wire connector. Remove bolts mounting column bracket to underside of instrument panel. Note quantity and position of packing washers. Guide steering column from vehicle.

Disassembly — Remove steering wheel. See MGB under *STEERING WHEEL & COLUMN SWITCHES* in this Section. Remove column covers. Remove combination switch. Take off steering lock and ignition switch.

Reassembly — Reverse disassembly procedure.

Installation — Fit column into vehicle. Refit 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. Connect wiring plug. 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.

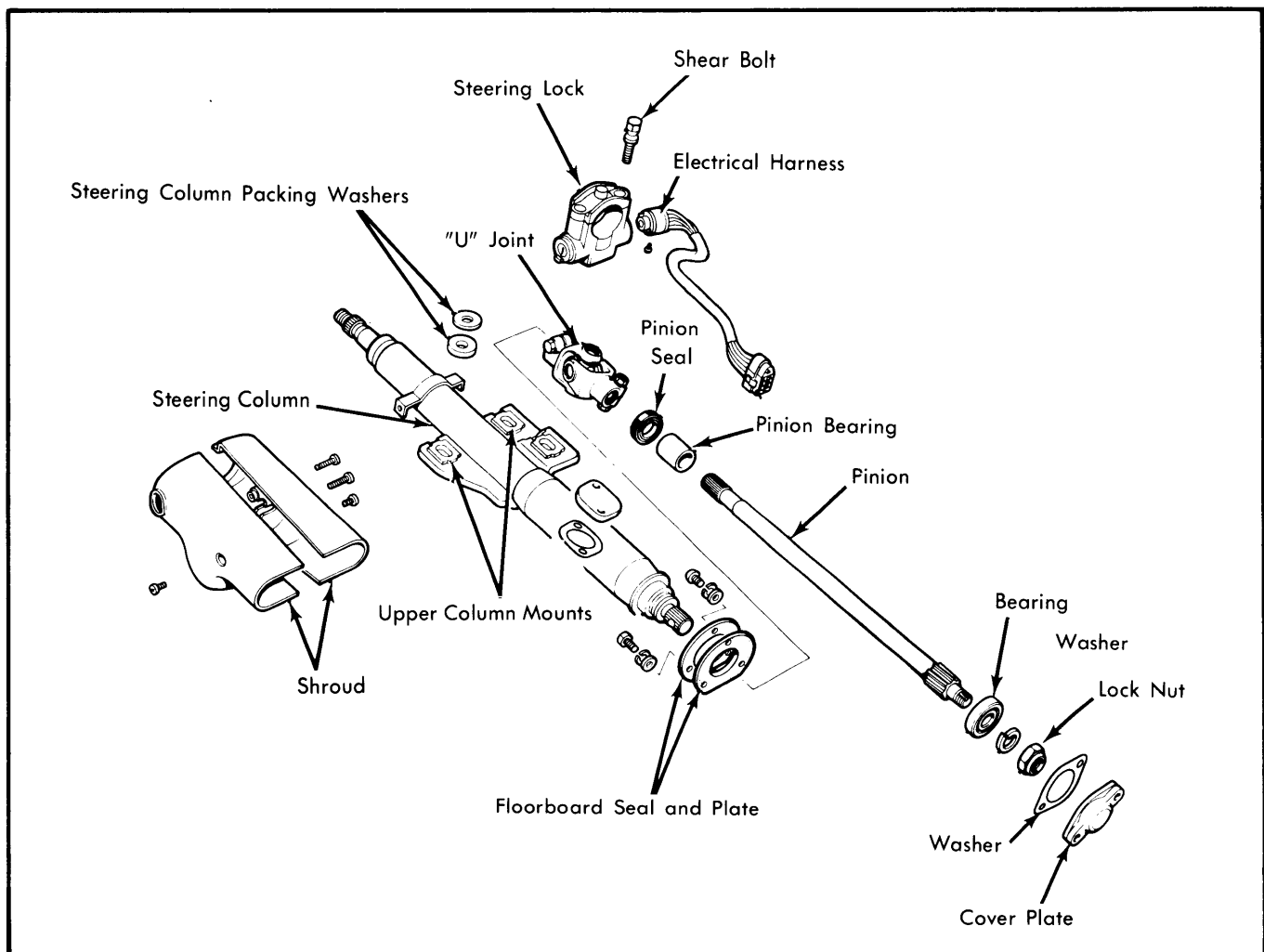


Fig. 1 Exploded View of Steering Column and Related Components

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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)

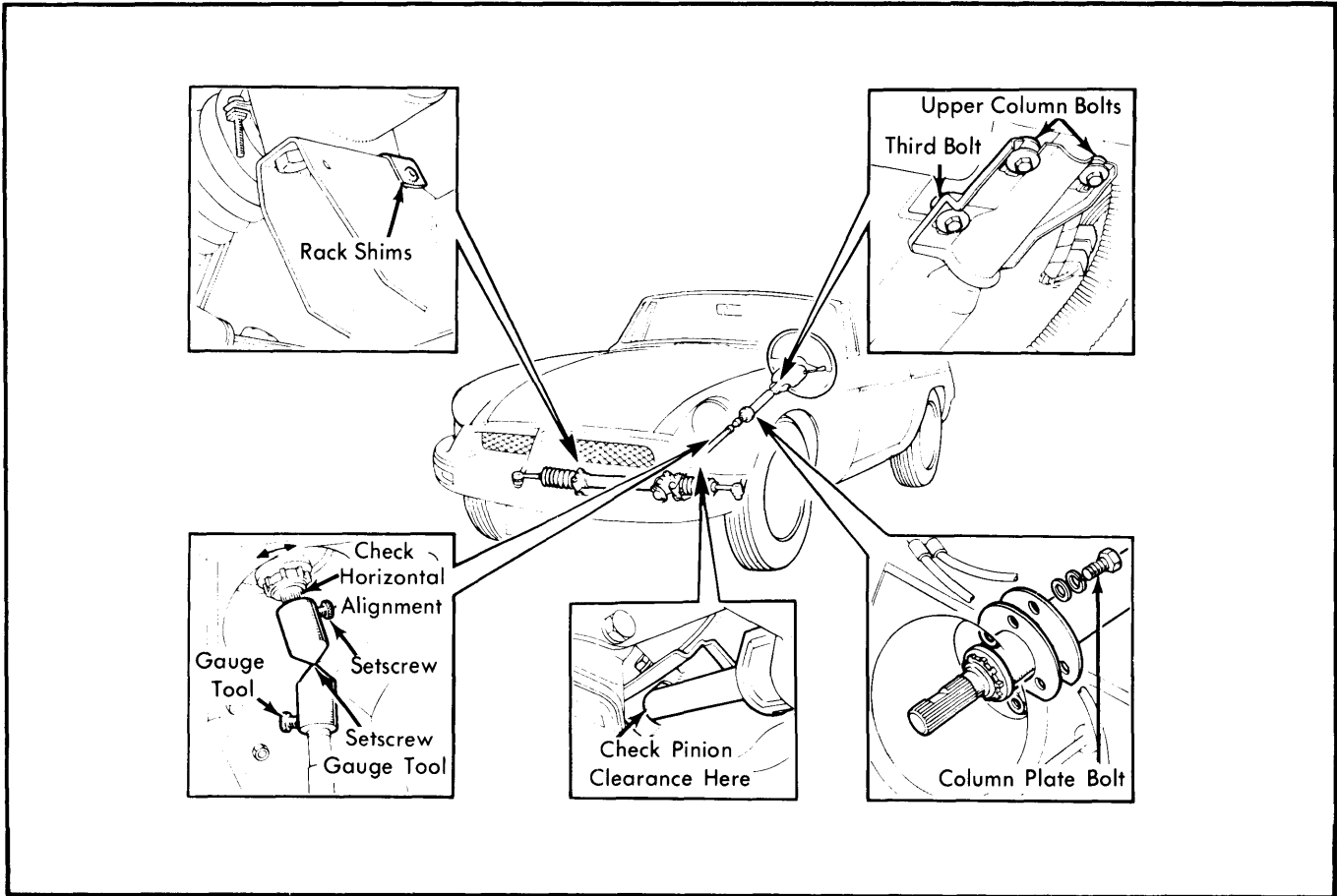


Fig. 2 Steering Column Alignment Steps