

Steering Columns

VOLKSWAGEN DASHER

Dasher

DESCRIPTION

The Volkswagen Dasher uses a two-piece safety steering column which incorporate a flange connection. A lattice metal column support is used under the instrument panel. This device is designed to absorb some of the impact shock which may otherwise be transmitted to the driver.

REMOVAL & INSTALLATION

STEERING COLUMN

Removal — 1) Disconnect battery ground strap. Remove steering wheel. See *Volkswagen under STEERING WHEELS & COLUMN SWITCHES* in this Section.

2) Remove all steering column switches.

3) From under hood, remove pinch bolt holding steering column flange to pinion shaft.

4) Work under brake pedal and unbolt mounting flange from bracket. Disconnect electrical wires from ignition switch. Put ignition switch in "ON" position.

5) Centerpunch shear bolts holding steering lock on steering column. Drill out shear bolts. Remove steering lock. Remove steering column and shaft as a unit.

Reassembly — Examine race and replace if excessively worn. Slide steering shaft back into column then refit spring and snap ring.

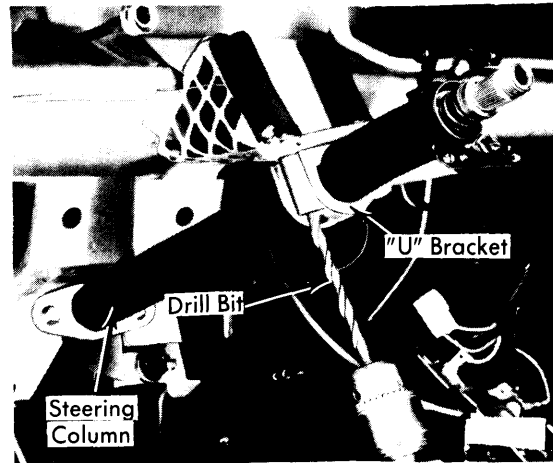


Fig. 2 Using a Drill to Remove Steering Column Shear Bolts

Installation — 1) Position column assembly back in vehicle. Install steering column lock. Make sure lock lug will snap into recess in steering column. Fit new shear bolts finger tight.

2) Bolt steering column mounting flange onto bracket so long side of flange faces right side of vehicle. Snug up flange bolts and shear bolts.

3) Connect electrical wires to ignition switch. Fit column trim. Place front wheels straight-ahead.

4) Make sure column bushings are in position on pins at lower end of steering column. Line holes in flange so flange will slide down over pins on steering column. It will be necessary to use drift to drive flange tube onto steering gear pinion shaft. Make sure flange seats to stop on pinion. Tighten pinch bolt.

5) Maneuver steering column until steering lock operates effectively. Tighten shear bolts until head snap off. Refit steering wheel.

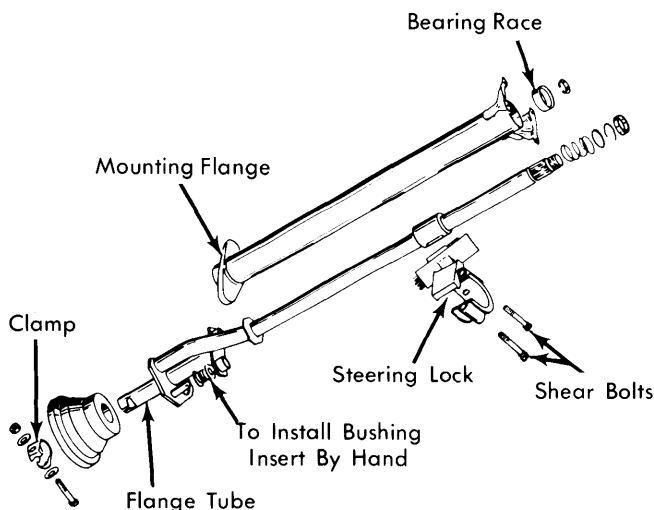


Fig. 1 Expanded View of Dasher Steering Column

Disassembly — Pull off steering wheel spacer ring and snap ring. Remove flat washer and spring. Pull steering shaft out through bottom of column. Press race out of column.

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (mkg)
Steering Wheel Nut	36 (5.0)
Column Mounting Flange-to-Body	14 (2.0)
Steering Gear Box-to-Frame	14 (2.0)
Gear Box Pinch Bolt	22 (3.0)