

# Steering Wheel Removal

## 1963-73 TRIUMPH

### All Models (1963-73)

#### HORN BUTTON

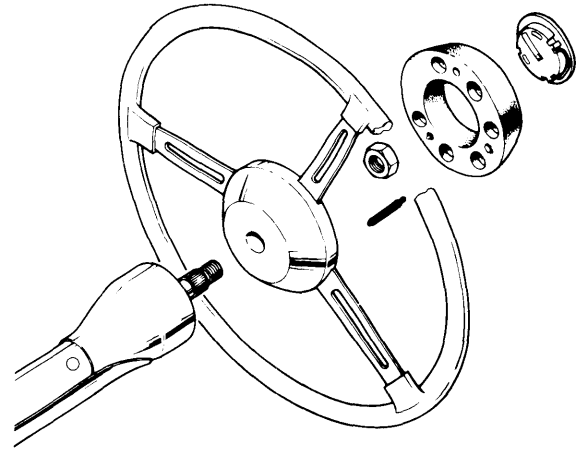
To remove horn button, pry out from steering wheel. To install, press horn button in place.

#### STEERING WHEEL

**All Models (Except TR3)** – To remove steering wheel, remove steering wheel pad (if equipped) and horn button. Remove horn connection brush. Remove nut and washer securing steering wheel to steering column. Scribe steering column and hub of steering wheel to ensure spline re-engagement in original location. Using suitable steering wheel puller (S3600), remove steering wheel. To install, reverse removal procedure. If steering wheel was removed without spline location marks, set wheels to straight ahead position and install steering wheel with top spokes horizontal.

**NOTE** – On TR250, TR6 and Stag Models, steering wheel may be removed from steering wheel hub by removing steering wheel pad and six bolts and washers.

**TR3 Models** – Disconnect wiring at connector on inner fender panel. On models without adjustable steering column, loosen nut securing outer steering column tube to steering gear box. Remove screws from steering wheel hub and pull out control head (horn and turn signal switch) and outer tube from steering column. Remove steering wheel securing nut and scribe steering column and steering wheel hub to ensure correct reassembly. Using a suitable steering wheel puller (S3600), remove steering wheel. To install, reverse removal procedure.



STEERING WHEEL COMPONENTS  
(SPITFIRE SHOWN)

#### TURN SIGNAL & HEADLIGHT SWITCH (COLUMN MOUNTED)

**All Models (Except TR3)** – To remove turn signal or headlight switch, disconnect battery, remove switch cover, disconnect wiring and remove switch. To reinstall, reverse removal procedure.

**TR3 Models** – For turn signal switch removal, see *Steering Wheel Removal* in this article.

## 1963-73 VOLKSWAGEN

### All Models (1963-73)

#### STEERING WHEEL & HORN BUTTON

**Removal, Type 1 (1963-68)** – Disconnect battery ground strap. Remove horn lever cover, using a screwdriver. Disconnect horn ground cable at horn lever. Unscrew steering wheel nut and remove spring washer. Remove steering wheel and horn lever.

**Installation, Type 1 (1963-68)** – Ensure brass washer is located with cut-away exactly to the right (when wheels are in straight ahead position). Locate steering gear in center position and fit wheel with spokes horizontal. Fit tongue of cancelling ring in recess of brass washer. Position spring washer and tighten to 36 ft. lbs. Connect horn cable to horn lever. **NOTE** – In late 1965 (After Chassis No. 116 000 001) the steering wheels have been fitted with shorter cancelling ring and longer wheel hub and spring. This change has cancelled the use of the brass washer. If a steering wheel with the new cancelling ring is installed on an earlier vehicle, the brass washer must be removed and the new spring fitted.

**Removal, Type 2 (1963-73)** – Disconnect horn cable. Remove screws attaching directional switch to column housing. Remove steering wheel nut and cancelling ring, then pull wheel with suitable puller (VW 235).

**Installation, Type 2 (1963-73)** – Place cancelling ring on steering wheel. With front wheels in straight ahead position

and gear centered, install steering wheel (with spokes horizontal). Ensure cancelling ring is to the left. Torque wheel nut.

**Removal, Type 3 (1965-72)** – Disconnect battery ground cable. Remove horn ring cover and disconnect horn ground cable at ring. Remove steering wheel.

**Installation, Type 3 (1965-72)** – Ensure support ring and brass washer are correctly positioned. Set wheels and gear in center position; install steering wheel.

**Removal, Type 3 (1973)** – Steering wheel hub is formed with an energy absorbing hub. This hub must be checked whenever any accident is incurred. To remove steering wheel, push in on horn pad and turn counterclockwise. Unscrew steering wheel retaining nut and pull off steering wheel and hub cover.

**Installation, Type 3 (1973)** – To install, reverse removal procedure.

**Removal, Type 1 (1969-73) & Type 4 (1971-72)** – Disconnect battery ground cable. Push in on horn button and turn counterclockwise to free it from steering wheel. Unscrew and lift horn lever from steering wheel. Remove cancelling ring. Unscrew steering wheel retaining nut and pull wheel from shaft.

**Installation, Type 1 (1969-73) & Type 4 (1971-72)** – To install, reverse removal procedure, noting the following: Ensure cancelling ring is installed with cam to the left.