

Steering Wheel & Column Switches₁₀₋₁₃

TRIUMPH

TR6
TR7
Spitfire

HORN CONTROL, STEERING WHEEL AND HUB

Removal – 1) Disconnect battery ground cable. On TR6 and Spitfire models use a flat blunt instrument and pry off steering wheel pad, then remove horn button. On TR7 models, remove the three screws from underside of steering wheel that secure steering wheel to pad.

2) On all models, place front wheels in a straight-ahead position and remove steering wheel attaching nut and washer. Index mark hub and steering mast with a scribe line to ensure proper reinstallation.

3) Using a suitable steering wheel removal tool, pull off wheel and hub assembly. Hub can be further disassembled from steering wheel on TR6 and Spitfire by removing the six attaching bolts.

Installation – Place steering wheel in alignment with index mark on hub and refit remaining components in reverse order.

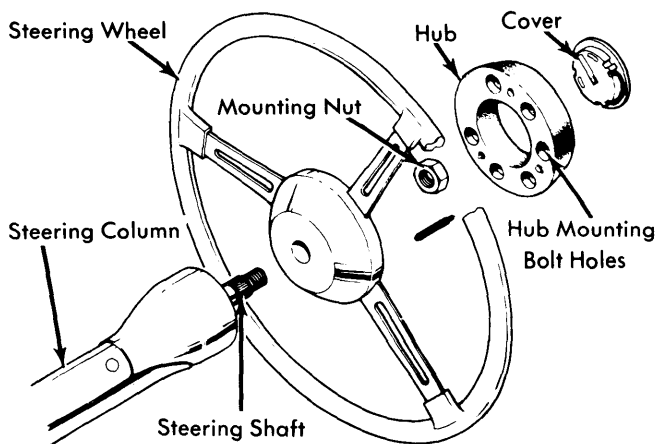


Fig. 1 Spitfire Steering Wheel Components, Others Similar

IGNITION SWITCH AND STEERING COLUMN LOCK

NOTE – On Spitfire models the steering column must be removed; on TR6 models steering column must be rotated 180°; on TR7 models plastic cover around steering shaft has to come off.

Removal – On TR6 and Spitfire, remove nuts and washers securing steering lock shroud and withdraw shroud and column support. On all models, center punch the two shear head bolts keeping steering lock to column. Using a small chisel or suitable tool arrangement, remove bolts. Disconnect electrical plug and remove steering lock.

Installation – To install ignition switch and steering column lock, reverse removal procedure and note the following: Ensure dowel pin aligns in column drilling. Fit new shear head bolts and tighten evenly.

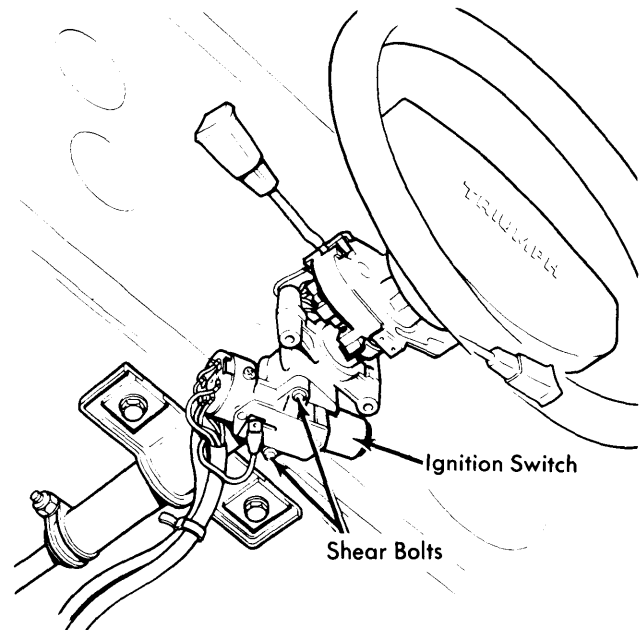


Fig. 2 Installed View of Column Lock and Ignition Switch

VOLKSWAGEN

TYPE 1
Sedan
TYPE 2
Transporter (Bus)
Dasher
Rabbit
Scirocco

HORN CONTROL & STEERING WHEEL

Type 1 – Disconnect battery ground cable. Push in on horn pad and turn counterclockwise to free from steering wheel. Unscrew and lift horn lever off. Remove cancelling ring. Unscrew wheel retaining nut and lift wheel from steering shaft. To install, reverse removal procedure, ensuring cancelling cam is installed with cam to left and turn signal in central position.

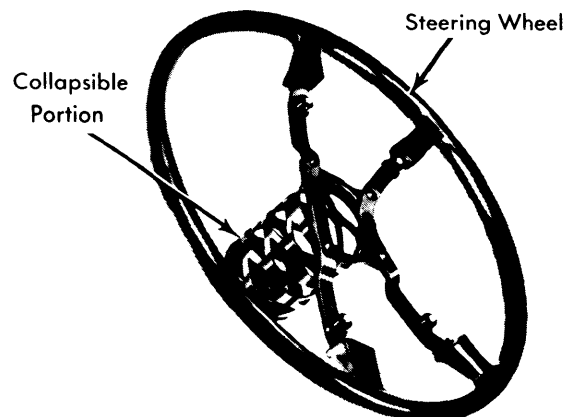


Fig. 1 Typical Volkswagen Steering Wheel Assembly

10-14 Steering Wheel & Column Switches

VOLKSWAGEN (Cont.)

Rabbit and Scirocco – Disconnect battery ground strap. Grasp steering wheel cover and pull off. Remove mounting nut and washer. Using suitable puller, extract wheel from mainshaft. Pry out spacer sleeve. Note position of steering wheel on shaft before pulling wheel off. Before reinstalling steering wheel, ensure front wheels are straight-ahead and cancelling lug is pointing to left. Make sure spacer sleeve is in contact with steering column switch. Tighten mounting nut to 36 ft. lbs. (5 mkg).

Dasher – Disconnect battery ground strap. Push in on horn pad and turn counterclockwise to remove. Unscrew steering wheel retaining nut. Note position of steering wheel on shaft before pulling wheel off. Before installing steering wheel, be sure turn signal lever is in neutral position and that front wheels are in straight-ahead position. Tighten wheel nut to 36 ft. lbs. (5 mkg).

VOLVO

240 Series 164

HORN PAD & STEERING WHEEL

Gently pry up horn pad, using a screwdriver. Disconnect horn wire from horn bar, then unscrew four bar retaining screws. Unscrew steering wheel retaining nut. Set four wheels in straight-ahead position, attaching a suitable puller (5003), and remove steering wheel.

TURN SIGNAL & WINDSHIELD WIPER SWITCHES

Remove castings from around steering column. Remove screws which retain switch to be replaced. Connect the corresponding electrical wiring to the replacement switch (or mark it for reinstallation on same switch). Install switch and check its operation. Replace castings.

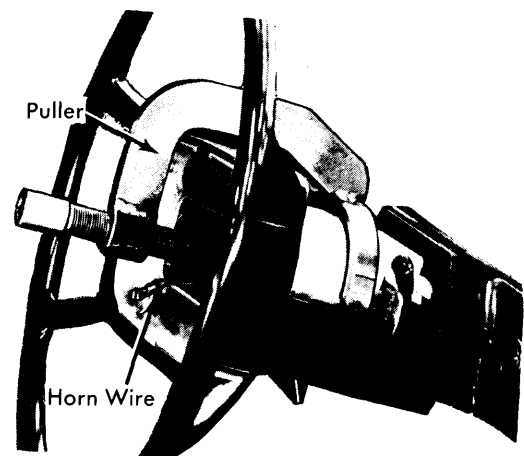


Fig. 1 Using Puller to Remove Steering Wheel from Shaft – 164 Models