

TRIUMPH

TR7
TR8

DESCRIPTION & OPERATION

Triumph models have a 2-speed wiper system. The wiper motor drives a gear and cable system to power the wiper arms. A lever on the steering column operates the wipers. When the lever is pulled down, the wipers cycle until it is released. As the lever is pushed up through the 2 detents, the wipers run at low speed and high speed. The button on the end of the lever operates the washer. The washer pump is located beneath the fluid reservoir.

REMOVAL & INSTALLATION

WIPER MOTOR

Removal — 1) Lift the passenger wiper arm and pry off wiper arm from shaft. Leave driver's side arm on glass and pry off arm with screwdriver. Remove nut and spacer, then pull off pivot plate and arm. Remove cowl fresh air duct and washer reservoir.

2) Unplug motor wiring. Remove screw from motor strap and unhook strap from body. Remove 2 screws and access plate near brake master cylinder. Remove rubber gasket on left wiper shaft. Remove nut, spacer and gasket from right wiper shaft. Remove motor and drive assembly.

3) Remove 5 screws and gearbox cover. Remove circlip, washer, connecting shaft and washer. Lift out rack and tube assembly.

Installation — Lubricate gears and sliding surfaces in motor assembly. Reverse removal procedures to complete installation. Before installing wiper arms, run motor and allow it to return to park position.

WIPER SWITCH

Removal — 1) Disconnect battery ground cable. Remove 2 long screws and steering column cover. Remove steering wheel. Note wiring harness routing, then remove clips and unplug wiring. Loosen switch clamp screw and slide combination switch off column.

2) To service the wiper switch, drill out the 2 rivets. Do not remove screws near center hole in switch. Remove the switch lever pivot screw, then remove switch. See Fig. 2.

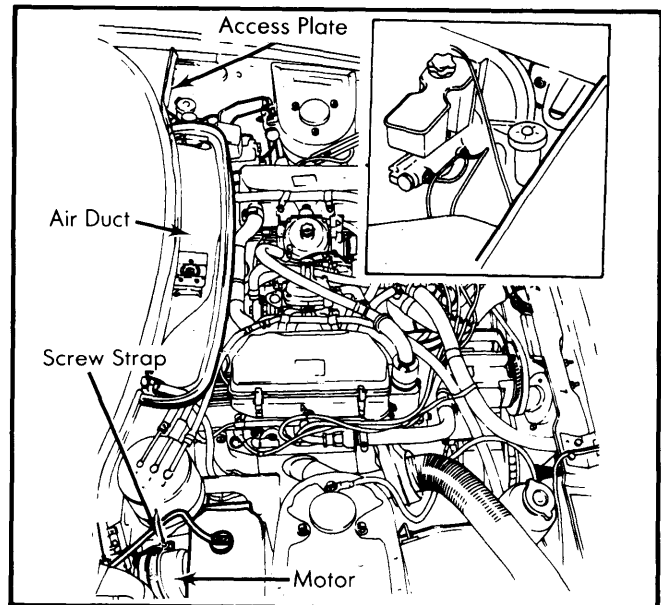


Fig. 1 Removing Wiper Motor on Triumph TR8. TR7 Models are Similar.

Installation — Position new switch and install 2 bolts where rivets were drilled out. Insert pivot screw and tighten slightly so lever is still free to move. Place switch on column and tighten clamp screw. Before installing steering wheel, ensure that arrow on turn signal cam aligns with turn signal lever. Reverse removal procedures to complete installation.

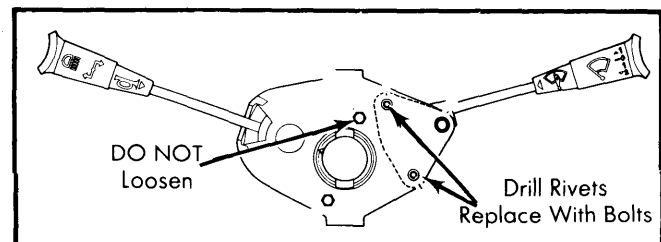


Fig. 2 Removing Wiper Switch From Combination Switch. Remove Screws and Rivets as Shown.

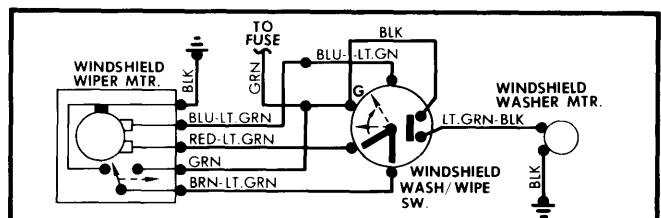


Fig. 3 Triumph Wiper/Washer Wiring Diagram