

DIAGNOSIS AND TESTING (Continued)

MULTI-FUNCTION SWITCH — BENCH CHECK CONTINUITY (Cont'd)

SWITCH ACTUATOR POSITION	CONTINUITY BY CIRCUIT NUMBER
Wiper / Washer Switching: ●Wash OFF and Wiper OFF ●Wash ON and Wiper OFF ●Wiper OFF and Wash OFF ●Wiper LO or Low Speed and Wash OFF ●Wiper HI or High Speed and Wash OFF ●Wiper Interval and Wash OFF	Resistance 993 to 590, 103.3K ohms \pm 10%. Resistance 993 to 589, 47.6K ohms \pm 10%. Closed 993 to 590; Resistance 993 to 589, 47.6K ohms \pm 10%. Resistance 993 to 590, 103.3K ohms \pm 10%. Resistance 993 to 589, 47.6K ohms \pm 10%. Resistance 993 to 590, 3.3K ohms \pm 10%. Resistance 993 to 589, 4.08K ohms \pm 10%. Resistance 993 to 590, 3.3K ohms \pm 10%. Closed 993 to 589. Resistance 993 to 589, 11.33K ohms \pm 10%. Resistance 993 to 590. Gradually decreasing from 103.3K ohms to 3.3K ohms from Maximum Delay to Minimum Delay.

TK8772F

REMOVAL AND INSTALLATION

Switch, Ignition

Removal

1. Disconnect battery ground cable. Remove the steering column shroud by removing the four or five self-tapping screws. Remove tilt lever (if so equipped).
2. Remove instrument panel lower steering column cover.
3. Disconnect the ignition switch electrical connector.
4. Rotate ignition key lock cylinder to the RUN position.
5. Remove the two screws retaining ignition switch.
6. Disengage the ignition switch from the actuator.

Installation

NOTE: A new replacement switch assembly will be set in the RUN position as received.

1. Adjust the ignition switch by sliding the carrier to the switch RUN position.
2. Check to ensure that the ignition key lock cylinder is in the RUN position. The RUN position is achieved by rotating the key lock cylinder approximately 90 degrees from the LOCK position.
3. Install the ignition switch pin into the actuator. It may be necessary to move the switch slightly back and forth to align the switch mounting holes with the column lock housing threaded holes.
4. Install retaining screws. Tighten to 5.6-7.9 N-m (50-69 lb-in).
5. Connect electrical connector to ignition switch.
6. Connect battery ground cable. Check ignition switch for proper function, including START and ACC positions. Also, make certain that the column is locked in the LOCK position.

7. Install instrument panel lower steering column cover.
8. Install the steering column trim shrouds and tilt lever (if so equipped).

Switch, Multi-Function

Removal

1. Disconnect battery ground cable.
2. Tilt column to lowest position and remove tilt lever.
3. Remove ignition lock cylinder as outlined.
4. Remove shroud screws and remove upper and lower shroud.
5. Remove two self-tapping screws that attach multi-function switch to steering column casting. Disengage switch from casting.
6. Disconnect the two electrical connectors.

Installation

1. Install two electrical connectors to full engagement.
2. Align multi-function switch mounting holes with corresponding holes in the steering column casting. Install two self-tapping screws making sure to start the screws in the previously tapped holes. Tighten to 2-3 N-m (17-26 lb-in).
3. Install upper and lower steering column shroud with screws.
4. Install ignition lock cylinder as outlined.
5. Attach tilt lever.
6. Connect battery ground cable.
7. Check steering column and switch for proper operation.