

9. CLUTCH AND TRANSMISSION

Problem diagnosis and repair procedures for the clutch and transmission are outlined in the official VW service manuals.

Two switches activated by clutch pedal movement are installed underneath the dash panel.

Switch S1 (refer to Section 13, Wiring Diagrams, for switch numbers) is to prevent the motor from being accelerated if the clutch is not fully engaged (pedal all the way up). Switch S2 is to prevent the motor from starting if the clutch is not fully disengaged (pedal all the way down).

These switches are part of the controller circuitry (refer to Controller Problem Diagnosis in Section 6 to evaluate a suspected problem).

Clutch Microswitch Removal/Installation

1. Remove screws holding plastic trim under dashboard above foot pedals.
2. Disconnect clutch microswitch wiring at 4 circuit harness connector.
3. Remove two screws holding clutch microswitch mounting to pedal support bracket and remove assembly.
4. To install, reverse the above procedure.
5. Check operation of the switches at both extremes of pedal travel. The lower switch should activate just before the pedal reaches its maximum depressed position. The upper switch should activate just before the pedal reaches its maximum upward position. Minor adjustments can be accomplished by bending the actuating tab that is riveted to the pedal arm.