DESCRIPTION & OPERATION

The cruise control system allows the driver to maintain a constant cruising speed above 22 MPH without depressing the accelerator pedal. The cruise control system consists of a vacuum pump, vacuum servo unit, vent valves and a control module. See Fig. 1 and 2.

The cruise control system is operated by placing RES/ON/OFF switch in the ON position. Accelerate to desired speed and press the SET button. This sets the cruising speed and stores it in memory. Pushing the SET button again will increase the previous set speed until the button is released.

Cruise control system will disengage temporarily when the brake or clutch pedal is depressed. To reactivate system, slide the RES/ON/OFF button to RESUME. The vehicle will automatically accelerate to the previous set speed. To erased set speed from memory, slide the RES/ON/OFF button to OFF.

WARNING: DO NOT shift into Neutral when cruise control system is switched on.

Fig. 1: Identifying Cruise Control System Components
(Corrado SLC Is Shown; Passat Is Similar)
Courtesy of Volkswagen United States, Inc.
Fig. 2: Identifying Cruise Control System Components (EuroVan)
Courtesy of Volkswagen United States, Inc.

ADJUSTMENTS

VACUUM ACTUATOR

Corrado SLC & Passat
Loosen vacuum actuator adjustment sleeve and push forward.
See Fig. 3. Adjust cable as necessary. Pull adjustment sleeve toward rear until .14" (3.5 mm) of play is obtained at pedal plate. Check accelerator pedal clearance.

![Adjusting Vacuum Actuator](93J82700)

**Fig. 3: Adjusting Vacuum Actuator (Corrado SLC & Passat)**
Courtesy of Volkswagen United States, Inc.

**VACUUM SERVO LINKAGE**

**EuroVan**
Ensure throttle linkage is fully released. Push adjustment sleeve and linkage forward. See Fig. 4. Turn adjusting linkage to lock. Ensure throttle linkage operates freely.

![Adjusting Vacuum Servo Linkage](93A82701)

**Fig. 4: Adjusting Vacuum Servo Linkage (EuroVan)**
Courtesy of Volkswagen United States, Inc.

**REMOVAL & INSTALLATION**

**BRAKE & CLUTCH VENT VALVES**

Removal
Remove trim panel and vent duct from beneath left side of
instrument panel. Brake and clutch switches are located on a bracket in front of associated pedal. See Fig. 5 or 6. Disconnect wiring and vacuum hose from valve. Rotate vent valve out of bracket.

Installation
Install brake or clutch vent valve into bracket until valve is seated. Pull back pedal as far as it will go. Slowly release pedal to adjust switch.

Fig. 5: Identifying Brake & Clutch Vent Valves System Components (Corrado SLC & Passat)
Courtesy of Volkswagen United States, Inc.

Fig. 6: Identifying Brake & Clutch Vent Valves System Components (EuroVan)
Courtesy of Volkswagen United States, Inc.
CONTROL UNIT

Removal & Installation
Remove glove compartment. Remove control module mounting bracket. Remove control unit wiring harness connectors. Remove control module. To install, reverse removal procedure.

STEERING COLUMN CONTROL SWITCH

Removal & Installation
Remove steering wheel. Loosen steering column switch clamp and pull up steering column switch. Disconnect electrical connector and remove steering column control switch. To install, reverse removal procedure.

VACUUM PUMP

Removal & Installation
On Corrado SLC and Passat models, remove windshield washer mounting bracket. Remove battery. On all models, remove screws and vacuum pump fender. See Fig. 7 or 8. To install, reverse removal procedure.

Fig. 7: Identifying Vacuum Pump Components (Corrado SLC & Passat)
Courtesy of Volkswagen United States, Inc.

Fig. 8: Identifying Vacuum Pump Components (EuroVan)
Courtesy of Volkswagen United States, Inc.
VACUUM SERVO

Removal & Installation
1) Detach linkage and remove vacuum hose from vacuum servo. Remove nut and servo from bracket. To install, reverse removal procedure. Adjust linkage as necessary.

TESTING

VACUUM CHECK

Locate vacuum pump. See Fig. 7 or 8. Remove vacuum line from vacuum pump. Push vacuum actuator diaphragm inward. Apply brake pedal by hand until pressure is felt. Release brake pedal. If diaphragm moves, repair or replace as necessary.

WIRING DIAGRAMS

See appropriate chassis wiring diagram in WIRING DIAGRAMS.

END OF ARTICLE