

OPERATION

System Activation

To operate the speed control system, the engine must be running and vehicle speed must be greater than 48 km/h (30 mph). The system is activated by pressing the ON switch in the steering wheel. Then the operator must depress and release the SET/ACCEL switch. Current speed will then be maintained until a new speed is set, the brake pedal is depressed or the OFF switch is depressed.

Increasing Set Speed

The vehicle set speed can be manually increased at any time by depressing the accelerator pedal until the higher speed is reached and stabilized, then depressing and releasing the SET/ACCEL switch.

ACCEL

A continuous depression of the SET/ACCEL switch will cause a smooth increase in vehicle speed. Upon release of the SET/ACCEL switch, the new vehicle speed will be maintained.

Tap-Up

Current vehicle set speed may be increased 1.6 km/h (1 mph) by a momentary tap of the SET/ACCEL switch. Multiple taps of the SET/ACCEL switch will cause vehicle speed to increase in increments of 1.6 km/h (1 mph). For example, if the current set speed is 60 mph, 5 taps will increase the vehicle speed and set it at 65 mph.

Decreasing Set Speed

The vehicle set speed can be manually decreased at any time by momentarily depressing the brake pedal until the lower speed is reached and stabilized, then depressing and releasing the SET/ACCEL switch.

COAST

A continuous depression of the COAST switch will cause a smooth decrease in vehicle speed. Upon release of the COAST switch, the new vehicle speed will be maintained.

If vehicle speed is reduced below 48 km/h (30 mph), the driver must manually increase the speed to over 48 km/h (30 mph) and reset the system.

Tap-Down

Current vehicle set speed may be decreased 1.6 km/h (1 mph) by a momentary tap of the COAST switch. Multiple taps of the COAST switch will cause vehicle speed to decrease in increments of 1.6 km/h (1 mph). For example, if the current set speed is 65 mph, 5 taps will decrease the vehicle speed and set it at 60 mph.

RESUME

When the speed control system is deactivated by pressing the brake pedal, the previous set speed may be re-established by momentarily depressing the RESUME switch. The resume feature will not function if the system has been turned off with the OFF switch, or if the vehicle speed has dropped below 48 km/h (30 mph). In addition, when the ignition switch is turned to the OFF position, the speed control memory is erased and RESUME will not function.

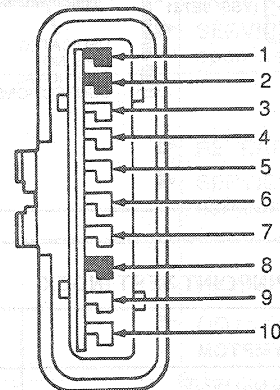
NOTE: Erratic speed control could result from the use of transmitting equipment that is not FCC approved or from driving in areas of high power radio transmitters.

DIAGNOSIS AND TESTING

Visual Inspection

Visual inspection should be performed before undertaking any of the following diagnostic procedures. Check the following items:

1. Horn and stoplamp operation;
 - a. Verify proper horn operation. If not, check horn circuit fuse, horn relay and wiring.
 - b. Verify proper stoplamp operation. If not, check stoplamp circuit fuse, stoplamps, stoplamp switch and wiring.
2. Wiring and electrical connections;
 - a. Connections are complete with no loose wires or terminals.
 - b. Wiring is not broken, shorted or corroded.
 - c. Wiring is not misrouted.
3. Actuator cable and throttle linkage;
 - a. The cable is adjusted properly without holding the throttle open or increasing idle speed.
 - b. The throttle linkage operates freely and smoothly when connected to the actuator cable and speed control servo.



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