

System Outline

The cruise control system is a drive control system that maintains the vehicle at a constant speed by controlling the fuel injection volume via switch operations on the steering wheel instead of the accelerator pedal. It is primarily used when a driver wants to drive at constant speed on a highway.

1.Set Control

When the - SET SW is operated while the ON-OFF SW is ON when driving, the vehicle will be maintained at the current speed.

2.Coast Control

When the - SET switch is held down while driving with the cruise control active, the cruise control required opening receives a zero signal to reduce the vehicle speed. If the - SET switch is turned OFF, the vehicle speed at that time is stored and the vehicle is maintained at the stored speed.

3.Tap Up Control

Whenever + RES switch is pressed momentarily (For approximately 0.5 sec.), the stored vehicle speed increases by about 1.6 km/h.

4.Tap Down Control

Whenever the - SET switch is pressed momentarily (For approximately 0.5 sec.), the stored vehicle speed decreased by about 1.6 km/h.

5.Accel Control

When + RES switch is held down while driving with the cruise control active, the engine control module adjusts the throttle valve to accelerate the vehicle.

It also stores the vehicle speed when the + RES switch is turned OFF and maintains the vehicle at the stored speed.

6.Manual Cancel Mechanism

If any of the following signals are input during cruise control driving, the cruise control will be cancelled.

*The stop lamp SW is turned on.

*The CANCEL SW is turned on.

*The ON-OFF SW is turned off.

*The clutch pedal is depressed.

7.Auto Cancel Function

If any of the following conditions are encountered, the cruise control will be automatically cancelled.

*The stop lamp SW wiring is faulty or short-circuited.

*The vehicle speed signal is faulty.

*The electronically controlled throttle malfunctions.

8.Other Cancel Function

If the VSC system initiates any operations the cruise control will be cancelled.