DYNAMIC RADAR CRUISE CONTROL SYSTEM

PRECAUTION

05H0M–01

NOTICE:

When the negative (–) battery terminal, initialize the following systems after the cable the cable is disconnected frow is reconnected.

System Name	See Page
Front Power Seat Control System	01–19
Back Guide Monitor System	01–19

Keep in mind the following points when inspecting the dynamic radar cruise control system.

- As there is a limitation to the vehicle–to–vehicle distance controlling capability, do not overly rely on the dynamic radar cruise control system.
- Do not neglect to pay constant attention to the vehicle–to–vehicle distance and the traffic conditions when using the dynamic radar cruise control system. Decelerate with the brake pedal or accelerate with the accelerator pedal according to the situation to keep an appropriate distance with the vehicle in front.
- When the vehicle in front decelerates rapidly or another vehicle moves in front of your vehicle, apply the brakes as you normarlly would in such a situation.The dynamic radar cruise control system may not be able to decelerate in time to avoid a crash.
- The dynamic radar cruise control system is designed to assist in maintaining an appropriate distance with the vehicle in front. However, the system alone is not sufficient. It is imperative that the driver pays attention at all times.
- The millimeter wave radar sensor has functions to automatically detect dirt on the sensor face and inform the driver, but it is not perfect. Keep the sensor face clean.
- The dynamic radar cruise control system does not activate or give vehicle–approaching warning for vehicles which are stopped or driving at significantly slower speeds. Always pay attention to such vehicles.
- The millimeter wave radar sensor detection area is narrow at close range. Detection of a vehicle moving very close to the vehicle may be delayed, or a motorcycle running on the side of the same lane may not be detected. The distance to the vehicle in front may not be maintained properly due to these reasons.
- Even if ACCEL is operated to increase the set vehicle speed, the vehicle does not accelerate because the speed is controlled in accordance with the speed of the vehicle in front while driving with the vehicle–to–vehicle distance control mode on (follow–up cruising). However, as the set vehicle speed is increased by ACCEL operation, the vehicle keeps accelerating when there is no vehicle in front. Check the set speed on the multi–information display.
- The controlled vehicle distance may be shorter than the set vehicle distance when cruising on a long downhill road.
- The cruise control main switch must be turned OFF and then ON if all of the following occur: 1) the CRUISE main indictor lamp blinks, 2) the master warning lamp turns on at the same time as a ”pong” warning sound, and 3) the fail message is shown on the display.
- The vehicle–approaching warning buzzer does not sound in the constant speed control mode because the existence of the vehicle in front and the distance to it are not judged as in the vehicle–to–vehicle distance control mode. Pay attention to the distance to the vehicle in front.
- The dynamic radar cruise control system has 2 cruise control modes: the constant speed control mode and vehicle–to–vehicle distance control mode. Confirm which mode is selected when using the dynamic radar cruise control system.