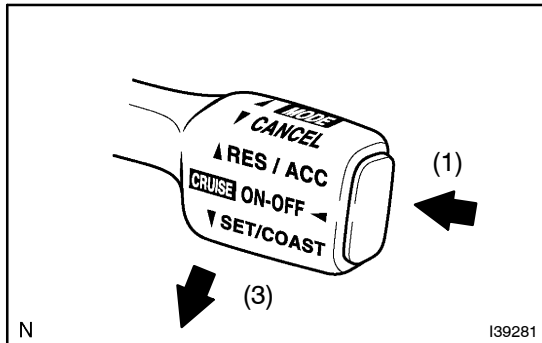


ROAD TEST



1. PROBLEM SYMPTOM CONFIRMATION

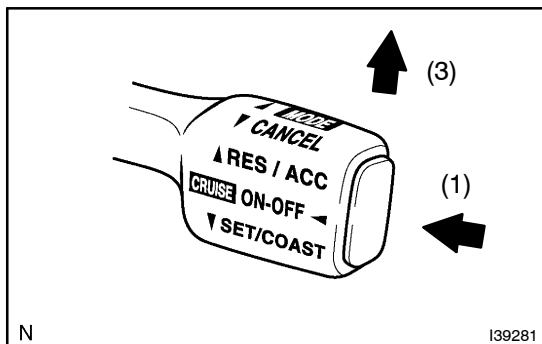
HINT:

The dynamic laser cruise control system has two cruise control modes: the constant speed control mode and vehicle-to-vehicle distance control mode.

- The vehicle-to-vehicle distance control mode is always selected when starting up the dynamic laser cruise control system.
- Operation of the constant speed control mode is the same as that for the conventional type cruise control system.

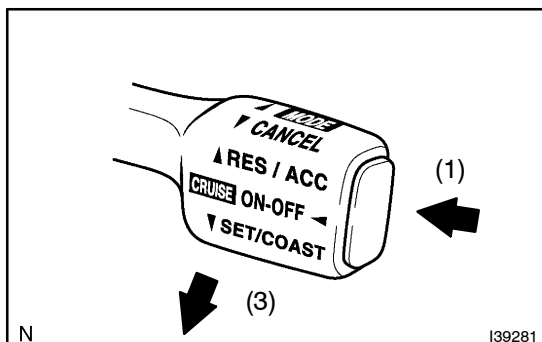
(a) Inspect the SET function.

- (1) Push the ON-OFF button on.
- (2) Drive at the required speed (40 km/h (25 mph) or higher).
- (3) Push the cruise control main switch to SET/COAST.
- (4) After releasing the switch, check that the vehicle cruises at the set speed.



(b) Inspect the ACCEL function.

- (1) Push the ON-OFF button on.
- (2) Drive at the required speed (40 km/h (25 mph) or higher).
- (3) Push the cruise control main switch to SET/COAST.
- (4) Check that vehicle speed increases while the cruise control main switch is pushed to RES/ACC, and that the vehicle cruises at the newly set speed when the switch is released.
- (5) Momentarily push the cruise control main switch to RES/ACC and then immediately release it. Check that vehicle speed increases (*1) (Tap-up function).
*1: Constant speed control mode: increases by 1.6 km/h (1.0 mph), Vehicle-to-vehicle speed control mode: increases by 5 km/h (5 mph)

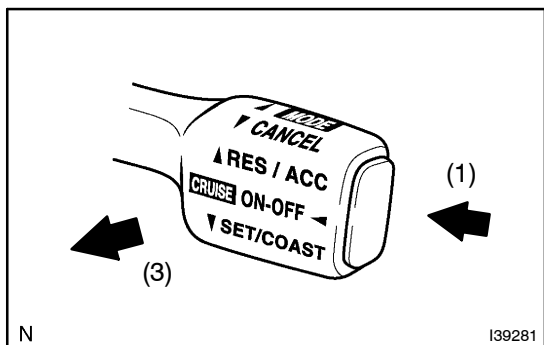


(c) Inspect the COAST function.

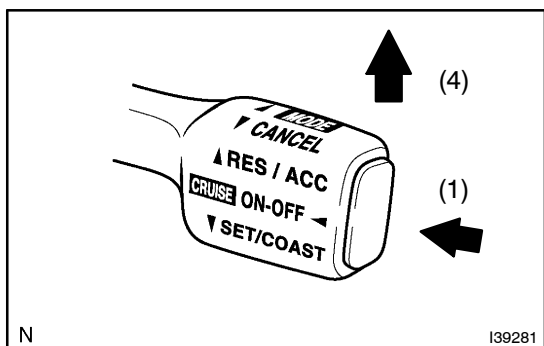
- (1) Push the ON-OFF button on.
- (2) Drive at the required speed (40 km/h (25 mph) or higher).
- (3) Push the cruise control main switch to SET/COAST.
- (4) Check that vehicle speed decreases while the cruise control main switch is pushed to SET/COAST, and the vehicle cruises at the newly set speed when the switch is released.

- (5) Momentarily push the cruise control main switch to SET/COAST, and then immediately release it. Check that vehicle speed decreases (*1) (Tap-down function).

*1: Constant speed control mode: decreases by 1.6 km/h (1.0 mph), Vehicle-to-vehicle speed control mode: decreases by 5 km/h (5 mph)



- (d) Inspect the CANCEL function.
- (1) Push the ON-OFF button on.
 - (2) Drive at the required speed (40 km/h (25 mph) or higher).
 - (3) Push the cruise control main switch to SET/COAST.
 - (4) When doing one of the following, check that the cruise control system is cancelled and that the normal driving mode is reset.
 - Depressing the brake pedal
 - Moving the shift lever to any position except D (6th, 5th, and 4th gears)
 - Pushing the ON-OFF button off
 - Pulling the cruise control main switch to CANCEL



- (e) Inspect the RES (RESUME) function.
- (1) Push the ON-OFF button on.
 - (2) Drive at the required speed (40 km/h (25 mph) or higher).
 - (3) Push the cruise control main switch to SET/COAST.
 - (4) When doing one of the following, check that the cruise control system is cancelled and that the normal driving mode is reset.
 - Depressing the brake pedal
 - Moving the shift lever to any position except D (6th, 5th, and 4th gears)
 - Pulling the cruise control main switch to CANCEL
 - (5) After pushing the cruise control main switch to RES/ACC at a driving speed of more than 40 km/h (25 mph), check that the vehicle restores the speed prior to the cancellation.

HINT:

RESUME function (in the Vehicle-to-vehicle Distance Control Mode only)

The stored vehicle speed is retained even if vehicle speed goes below 40 km/h (25 mph) once. The previously stored vehicle speed can be resumed by pushing the cruise control main switch to RES/ACC when vehicle speed returned to approximately 40 km/h (25 mph) or more.