

## ROAD TEST

### 1. PROBLEM SYMPTOM CONFIRMATION

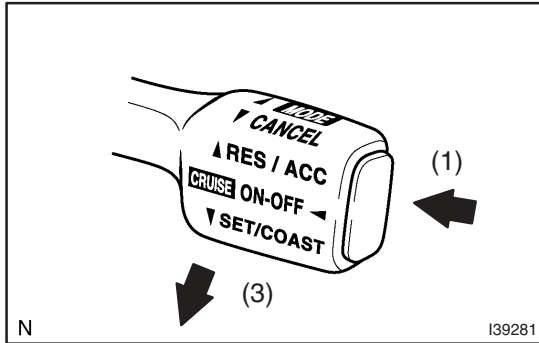
#### HINT:

The dynamic radar cruise control system has 2 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 radar cruise control system.
- Operation of a constant speed control mode is the same as that for a conventional type cruise control system.

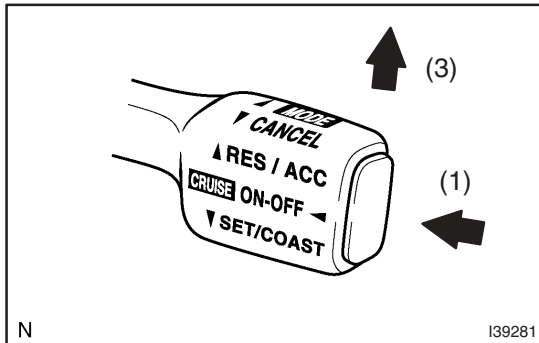
#### (a) Inspect the SET function.

- (1) Turn the main switch ON.
- (2) Drive vehicle at 40 km/h (25 mph) or higher.
- (3) Set the 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) Turn the main switch ON.
- (2) Drive vehicle at 40 km/h (25 mph) or higher.
- (3) Set the main switch to SET/COAST.
- (4) Check that vehicle speed increases while the main switch is set to RES/ACC, and that the vehicle cruises at the newly set speed when the switch is released.
- (5) Momentarily (approximately 0.6 seconds) set the main switch to RES/ACC and then immediately release it. Check that vehicle speed increases\* (tap-up function).

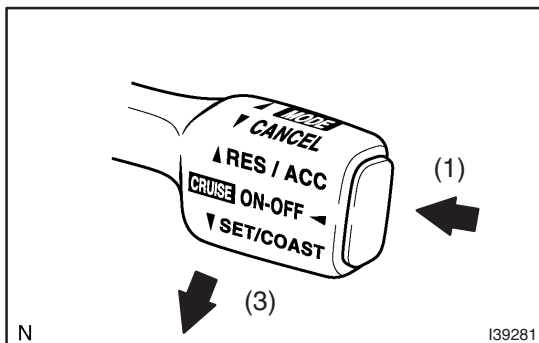


#### HINT:

\*: Constant speed control mode: increases by 1.6 km/h (1.0 mph); vehicle-to-vehicle speed control mode: increases by 5 km/h (for meters indicated by km/h) or 5 mph (for meters indicated by mph).

#### (c) Inspect the COAST function.

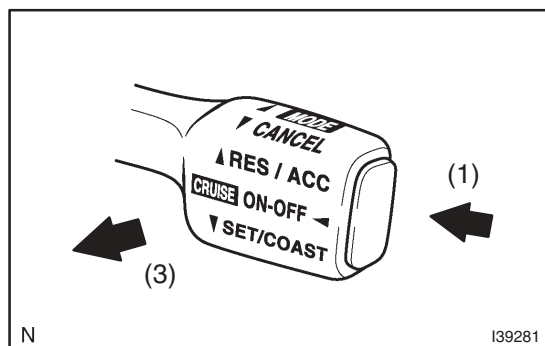
- (1) Turn the main switch ON.
- (2) Drive vehicle at 40 km/h (25 mph) or higher.
- (3) Set the main switch to SET/COAST.
- (4) Check that vehicle speed decreases while the main switch is set to SET/COAST, and that the vehicle cruises at the newly set speed when the switch is released.



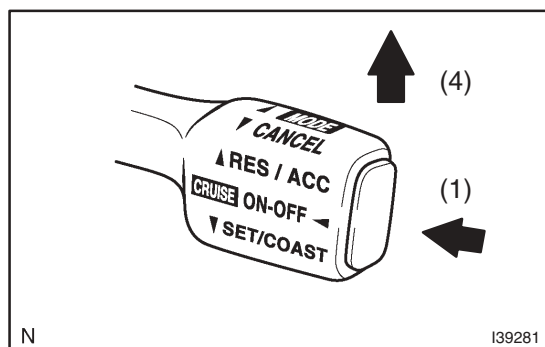
- (5) Momentarily (approximately 0.6 seconds) set the main switch to SET/COAST, and then immediately release it. Check that vehicle speed decreases\* (tap-down function).

## HINT:

\*: Constant speed control mode: decreases by 1.6 km/h (1.0 mph); vehicle-to-vehicle speed control mode: decreases by 5 km/h (for meters indicated by km/h) or 5 mph (for meters indicated by mph).



- (d) Inspect the CANCEL function.
  - (1) Turn the main switch ON.
  - (2) Drive vehicle at 40 km/h (25 mph) or higher.
  - (3) Set the main switch to SET/COAST.
  - (4) When performing 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)
    - Turning the main switch OFF
    - Setting the cruise control main switch to CANCEL



- (e) Inspect the RES (RESUME) function.
  - (1) Turn the main switch ON.
  - (2) Drive vehicle at 40 km/h (25 mph) or higher.
  - (3) Set the main switch to SET/COAST.
  - (4) When performing 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)
    - Setting the cruise control main switch to CANCEL
  - (5) After setting the 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 decreases below 40 km/h (25 mph) once. The previously stored vehicle speed can be resumed by setting the cruise control main switch to RES/ACC when vehicle speed returns to approximately 40 km/h (25 mph) or more.