

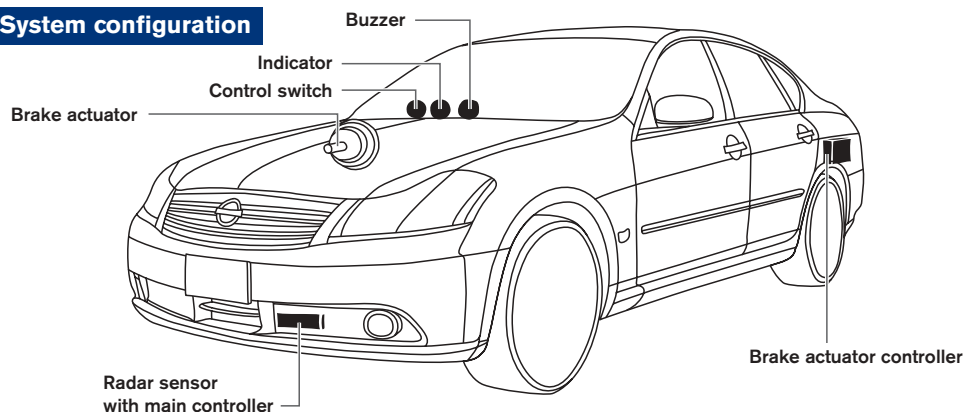


# Intelligent Cruise Control (With Low-speed Following Capability)

Nissan has added a new low-speed following capability to Intelligent Cruise Control\*. This new capability enables the host vehicle to maintain a preset headway distance to a preceding vehicle in the same lane according to the driving speed, even at low speeds below approximately 40 km/h.

\*The previous Adaptive Cruise Control system can be set in a driving speed range of approximately 40–100 km/h.

## System configuration

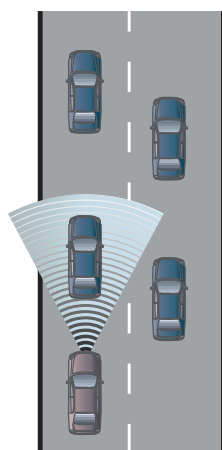


## Steering wheel switches (for Intelligent Cruise Control)



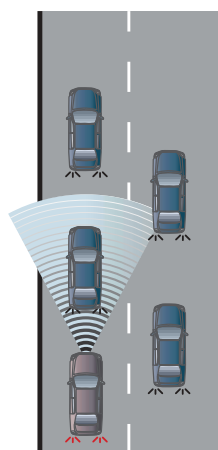
The addition of this low-speed following capability helps to reduce the driver's workload not only in the high-speed range, but also at low speeds such as when driving in congested traffic.

Intelligent Cruise Control and the low-speed following mode are switched automatically to enhance driver's convenience.



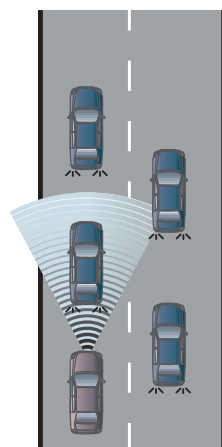
### When the radar sensor detects a preceding vehicle in the driving lane

Pushing the set switch while driving at a speed of approximately 10–40 km/h activates the following control capability to maintain the distance to a preceding vehicle according to the driving speed, within an upper speed limit of 40 km/h. (Following control is released if the radar sensor ceases to detect a preceding vehicle in the lane.)



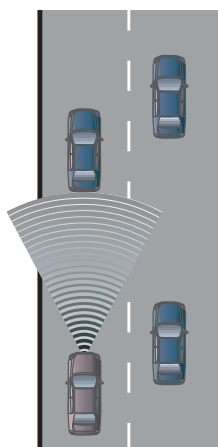
### Switching from Intelligent Cruise Control mode to low-speed following mode

When the driving speed falls below approximately 35 km/h due to deceleration of the preceding vehicle, the Intelligent Cruise Control mode is automatically switched to the low-speed following mode.



### When the vehicle ahead decelerates

In cases where the preceding vehicle decelerates and braking action is needed, the system flashes an indicator and sounds a buzzer. At driving speeds below approximately 5 km/h, the low-speed following capability is released and the driver is advised by the indicator and buzzer.



### Switching from low-speed following mode to Intelligent Cruise Control mode

When the driving speed reaches 40 km/h due to acceleration of the preceding vehicle, the low-speed following mode is automatically switched to the Intelligent Cruise Control mode, if the driver of the vehicle has preset a speed for Intelligent Cruise Control mode.

• Each of the diagrams above illustrates a typical driving situation.

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