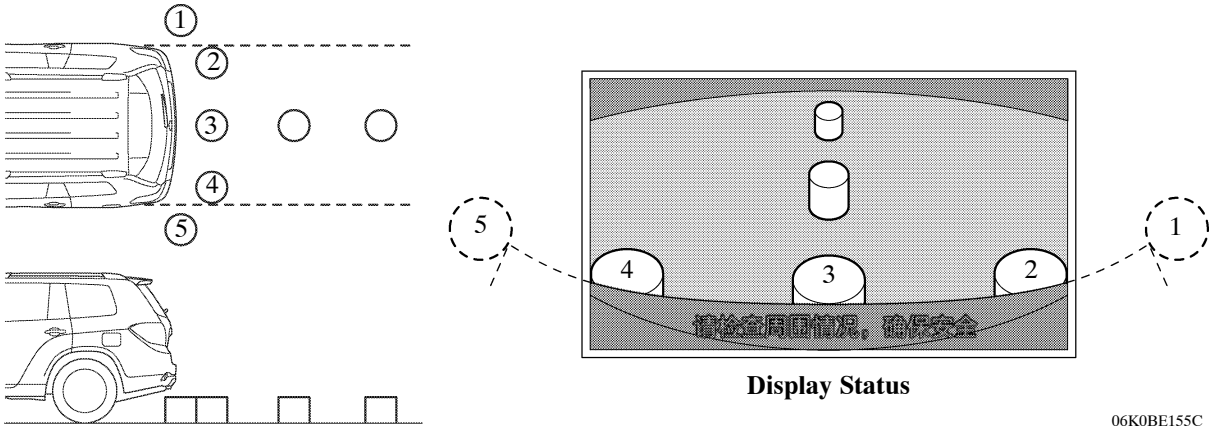
■AREA DISPLAYED

- Objects on the right of the vehicle appear on the right side of the display, and objects on the left of the vehicle appear on the left side of the display.
- The television camera uses a wide-angle lens. The perceived distance from images that appear on the screen differs from the actual distance.



Display Status

06K0BE155C

NOTE:

- The area displayed may vary according to vehicle status or road conditions.
- The area covered by the television camera is limited. The television camera does not show objects close to either corner of the bumper or show the area under the bumper.

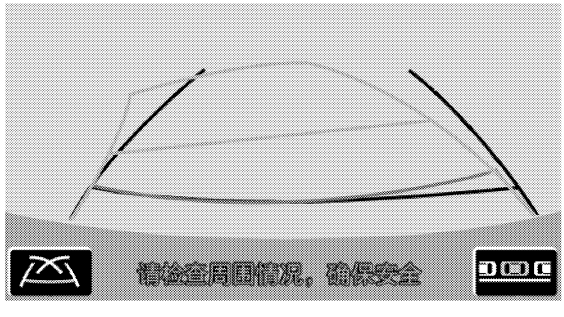
■DESCRIPTION OF DISPLAY

1. General

The parking assist monitor system displays in the manual assist and the parallel parking assist:

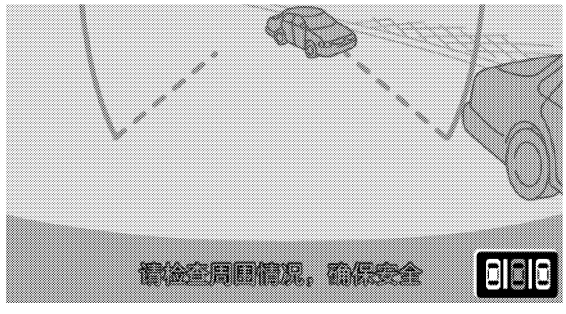
- The manual assist used for parking the vehicle in a garage or parking space.
- The parallel parking assist should be used for parallel parking the vehicle.

These assists can be changed by pressing the touch switch. The initial (default) setting is set to manual assist.



Manual Assist

06K0BE72C



Parallel Parking Assist

06K0BE73C

2. Manual Assist

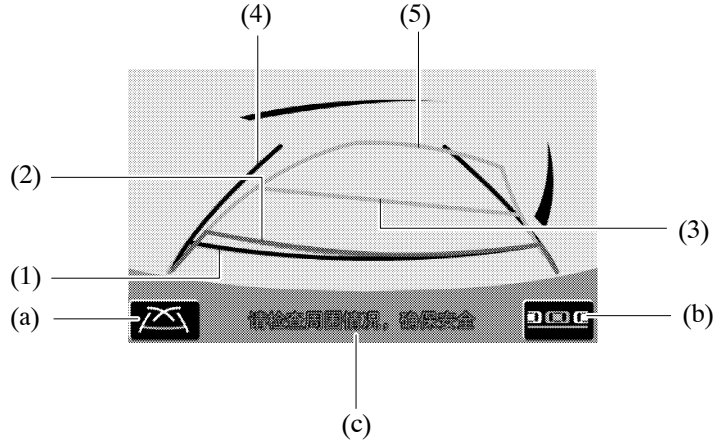
General

Three different manual assist modes can be selected from, A: projected path guidance mode, B: parking assist guide line display mode, and C: guide line deletion mode. The initial (default) setting for manual assist is the projected path guidance mode.

- The mode can be changed by touching the button located at the lower-left corner of the screen.
- When the manual assist mode is operating, fixed guide lines appear superimposed on a view of the area behind the vehicle. These guide lines can be used to assist the driver while backing the vehicle.

Projected Path Guidance Mode

The functions of each guide line, touch button, and message in projected path guidance mode are shown in the table below.

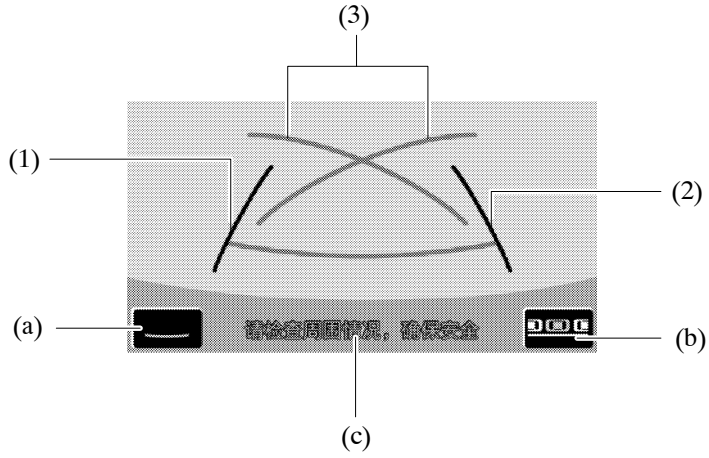


06K0BE74C

Item			Function
Guide Line	(1)	Distance Guide Line (Green)	The guide line indicates a position on the ground about 0.5 m (1.5 ft) behind the rear bumper.
	(2)	Distance Guide Line (Red)	The guide line moves, together with estimated guide lines, in sync with the steering wheel. The center of the line indicates a position on the ground about 0.5 m (1.5 ft) behind the rear bumper.
	(3)	Distance Guide Line (Yellow)	The guide line moves, together with estimated guide lines, in sync with the steering wheel. The center of the line indicates a position on the ground about 1.0 m (3.0 ft) behind the rear bumper.
	(4)	Vehicle Width Extension Guide Line	These guide lines indicate the estimated vehicle width extension.
	(5)	Projected Path Guide Line	These guide lines indicate the projected path in which the vehicle moves backward. The guide lines move in sync with the steering wheel.
Touch Button	(a)	Parking Guide Line Display Mode Touch Button	Touching this button turns parking guide line display mode on.
	(b)	Parallel Parking Assist Mode Touch Button	Touching this button turns parallel parking assist mode on.
Message	(c)	Warning Message Display Area	Display a warning message.

Parking Assist Guide Line Display Mode

The functions of each guide line, touch button, and message in parking assist guide line display mode are shown in the table below.

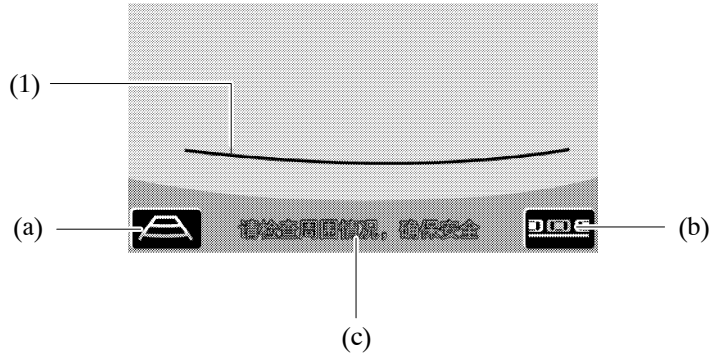


06K0BE75C

Item			Function
Guide Line	(1)	Distance Guide Line (Green)	The guide line indicates a position on the ground about 0.5 m (1.5 ft) behind the rear bumper.
	(2)	Vehicle Width Extension Guide Line	These guide lines indicate the estimated vehicle width extension.
	(3)	Parking Assist Guide Line	These guide lines the points at which driver should turn the steering wheel fully.
Touch Button	(a)	Guide Line Deletion Mode Touch Button	Touching this button turns guide line deletion mode on.
	(b)	Parallel Parking Assist Mode Touch Button	Touching this button turns parallel parking assist mode on.
Message	(c)	Warning Message Display Area	Display a warning message.

Guide Line Deletion Mode

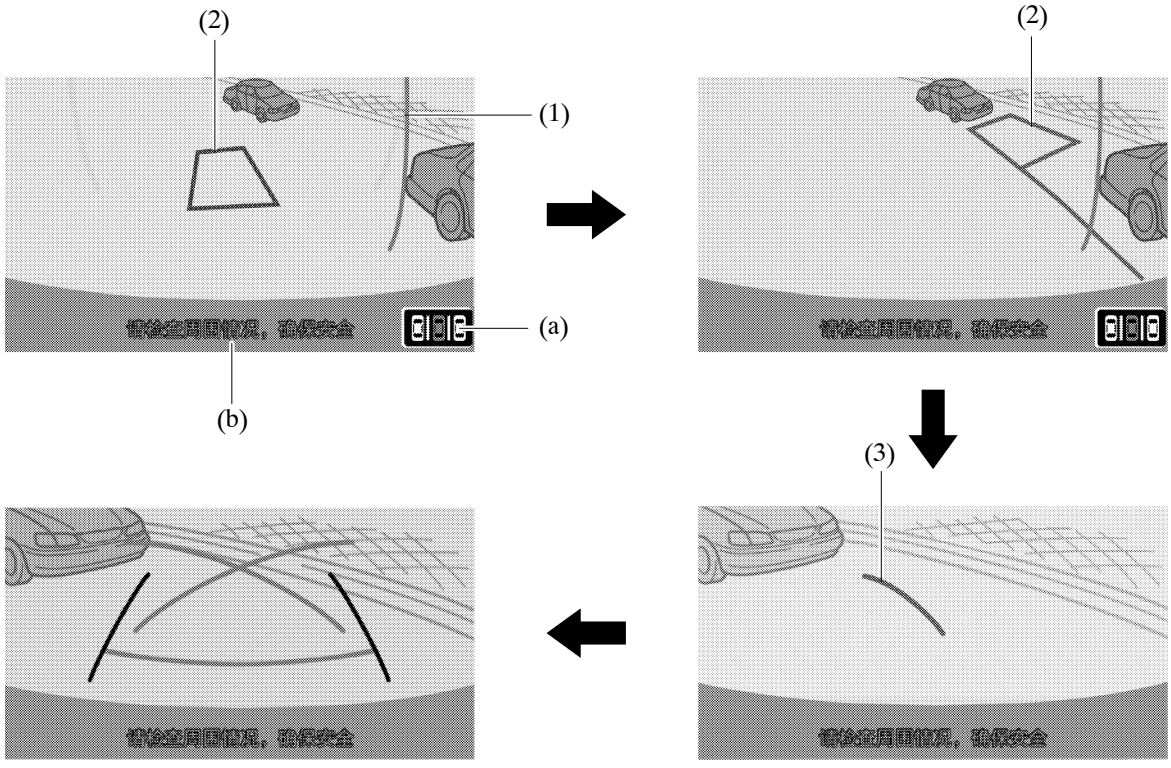
The functions of each guide line, touch button, and message in guide line deletion mode are shown in the table below.



Item			Function
Guide Line	(1)	Distance Guide Line (Red)	The guide line indicates a position on the ground about 0.5 m (1.5 ft) behind the rear bumper.
Touch Button	(a)	Projected Path Guidance Mode Touch Button	Touching this button turns projected path guidance mode on.
	(b)	Parallel Parking Assist Mode Touch Button	Touching this button turns parallel parking assist mode on.
Message	(c)	Warning Message Display Area	Display a warning message.

3. Parallel Parking Assist

The guide lines displayed for the parallel parking assist mode change in accordance with the parking maneuvers of the vehicle.



Same guide lines are shown as in manual assist

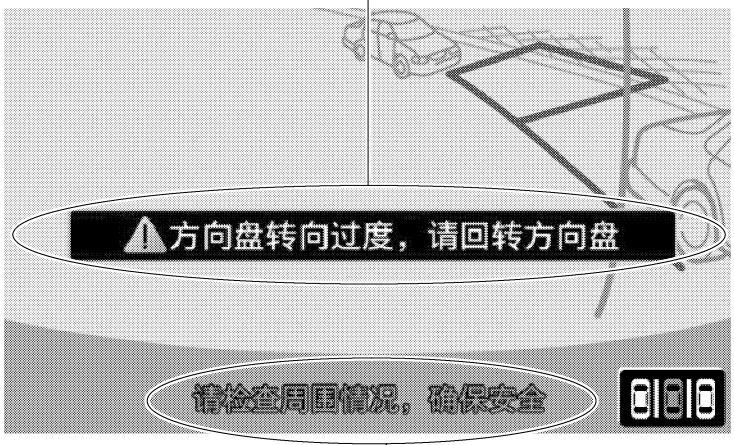
06K0BE77C

Item			Function
Guide Line	(1)	Green Vertical Line	A guide line that serves as a reference position for starting parallel parking.
	(2)	Green Outline	A guide line that serves as a reference position for completing the intended parking. This guide line disappears once the vehicle starts moving backward.
	(3)	Curved Green Line	A curved green line indicating part of the prospective outer path of the vehicle when the steering is turned fully to the right or left side. This green line appears only after the guide lines (1) and (2) disappear.
Touch Button	(a)	Manual Assist Mode Touch Button	Touching this button turns manual assist mode on.
Message	(b)	Warning Message Display Area	Display a warning message.

4. Warning Message

A warning message appears at the bottom or the center of the screen under the conditions listed below, regardless of whether the system is in the manual or parallel parking assist mode.

(1) Center of the screen



06K0BE164C

(2) Bottom of the screen

Warning Message		Outline
(1)	 06K0BE79C	This message appears if the system is started without initializing after a part is replaced.
	 06K0BE80C	This message is displayed when the system cannot perform the assist operation under the following situations: • When the vehicle starts in the parallel parking assist mode, the distance between own vehicle and the other parked vehicles is not approximately 1 m (3.2 ft.) (too far or too close). • The steering wheel is turned too far.
(2)	 06K0BE81C	This message always appears during system operation.
	 06K0BE82C	This message appears when the system is restarted if the Parking Assist ECU detects that a battery terminal has been disconnected and subsequently reconnected.