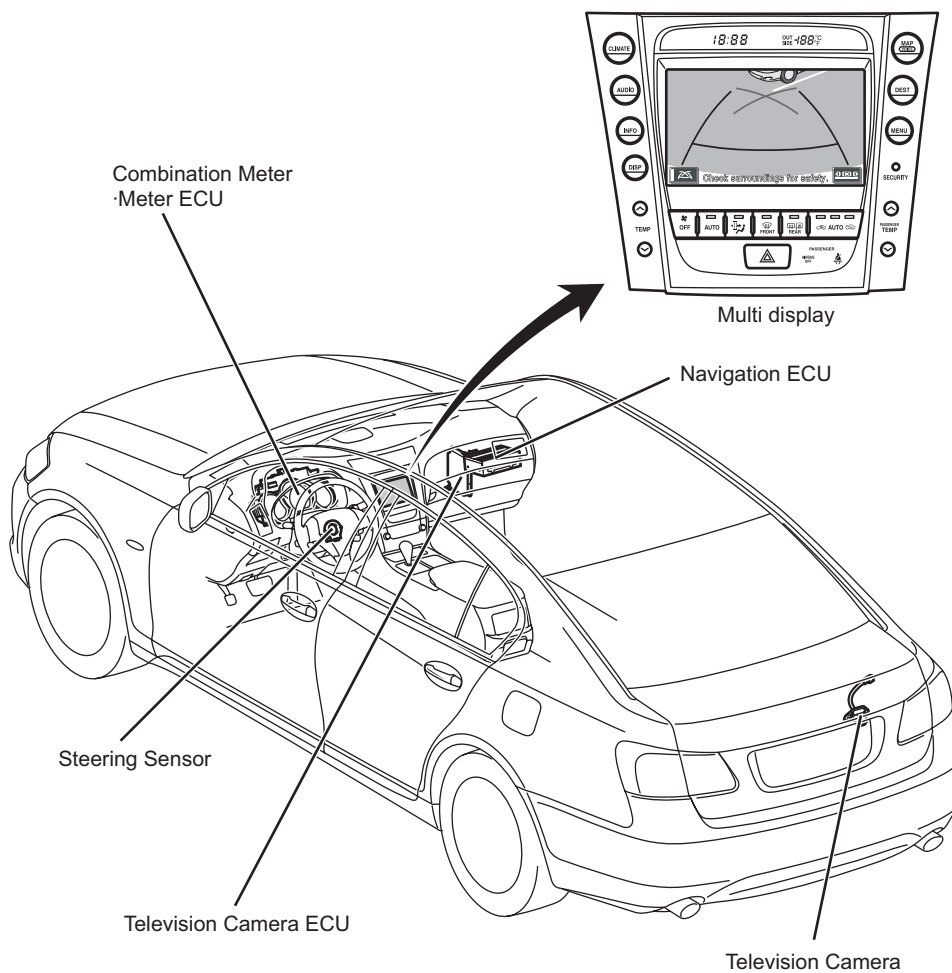


LEXUS Parking Monitor System Components



Note: The illustration gives a representative example.

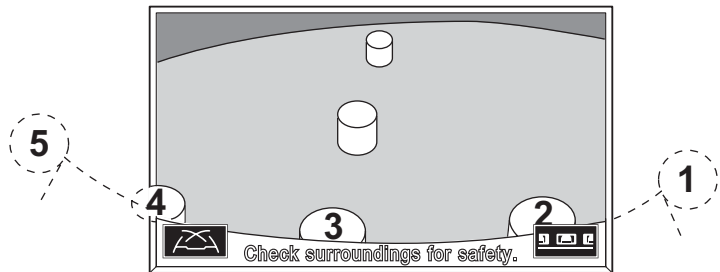
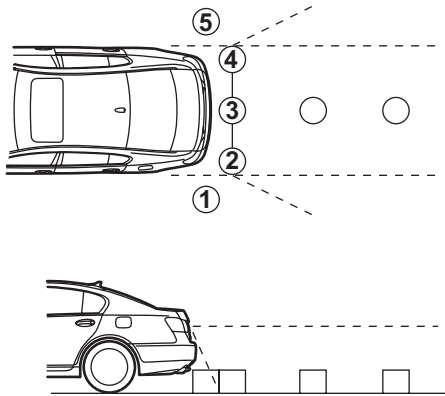
A4270076E

LEXUS Parking Assist Monitor components

Item	Function
Television Camera	- Mounted on the trunk lid to transmit the rearview of the vehicle to the television camera ECU. - A color video camera that uses a CCD (Charge Coupled Device) and a wide-angle lens.
Television Camera ECU	Transmits video signals, which contain a composite of the rearview of the vehicle taken with the television camera and the parking assist guide lines, to the multi display. Furthermore, it effects overall control of the system by receiving the signal from the sensors and the navigation ECU.
Multi Display	Receives RGB image signals which are composite of the vehicle rearview video signal and the parking assist guide line signal from the television camera ECU, and displays them on the display panel.
Navigation ECU	Uses the yaw rate detected by the gyro sensor that is built into the navigation ECU to transmit the movement of the vehicle to the television camera ECU.
Steering Angle Sensor	Detects the angle of the steering wheel and sends the resulting signals to the television camera ECU. This sensor is also shared by the VSC function.
Vehicle Speed Signal	A vehicle speed signal transmitted by the combination meter.
Neutral Start Switch	Transmits a reverse shift position signal to the television camera ECU.

Area Displayed on Screen

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



A4270169E

❖ REFERENCE ❖

- * : Area displayed on screen 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 under bumper.