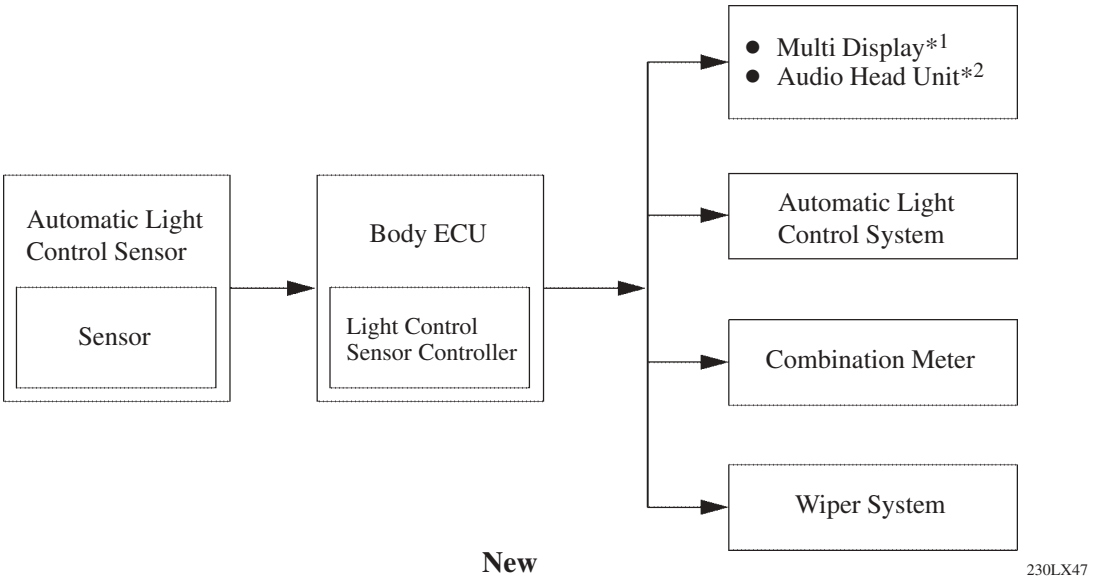
■LIGHTING

1. Light Control Sensor

- The construction of the light control sensor that is used in the automatic light control system has been changed from the integrated sensor-and-controller unit to a separate sensor, with a controller enclosed in the body ECU. As a result, the information on the day-night judgment can now be used for controlling other systems.
- The table below indicates the controls that primarily use this information.

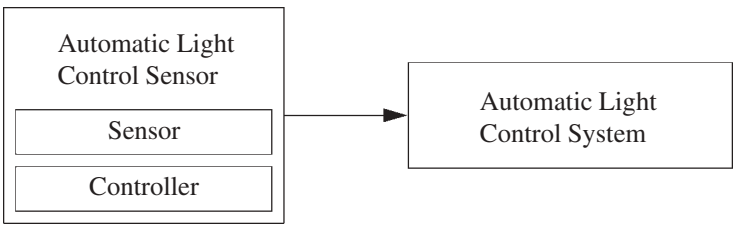
System	Function
Combination Meter, Multi Display*1, Audio Head Unit*2 and Heater Control Panel Illumination Control	When the taillight switch is turned ON, the system initially determines that the surroundings of the vehicle have become dark and dims the illumination of the combination meter, multi display*1, audio head unit*2, and heater control panel to reduce the reflection on the windshield. Then, the system also verifies from the light control sensor signals whether the surroundings are actually dark to the extent that the illumination needs to be dimmed, and activates this control only if the surroundings are in fact dark.
Wiper System	The raindrop sensing function that is used in the wiper system controls the wiper speed in accordance with the number of raindrops. However, if the system verifies from the light control sensor signals that the surroundings of the vehicle have become dark, it will make a judgment by increasing the raindrop detection criteria to differ from the criteria used when the surroundings of the vehicle are bright.

*1: with Multi Display Model (Only for Australia Model)
*2: without Multi Display Model (Except Australia Model)



New

230LX47



Previous

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*1: with Multi Display Model (Only for Australia Model)
*2: without Multi Display Model (Except Australia Model)