

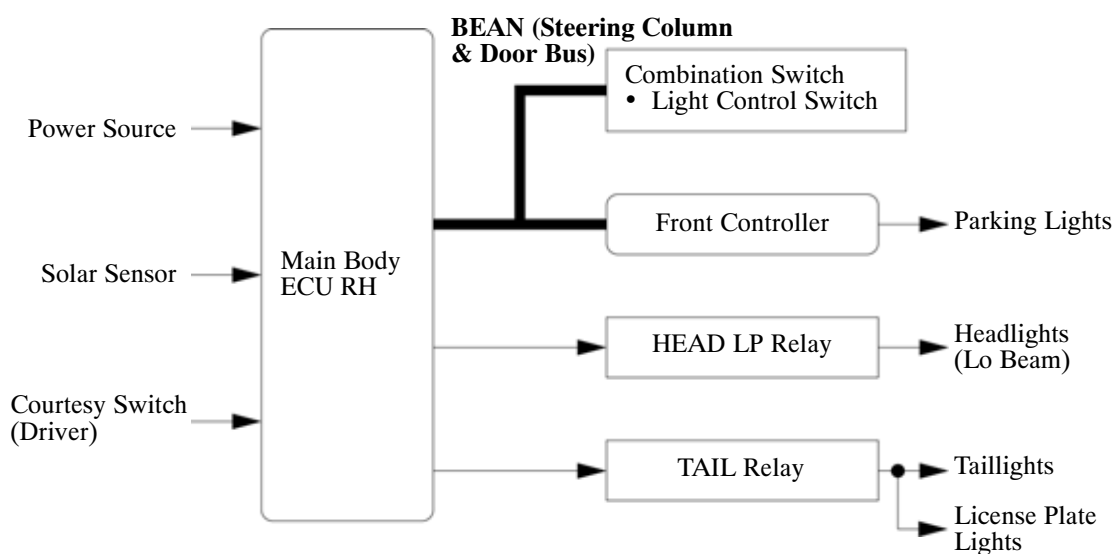
■ AUTOMATIC LIGHT CONTROL SYSTEM

1. General

When the light control switch is in the AUTO position, the automatic light control system detects ambient light levels and controls the headlights, parking lights, taillights, and license plate lights.

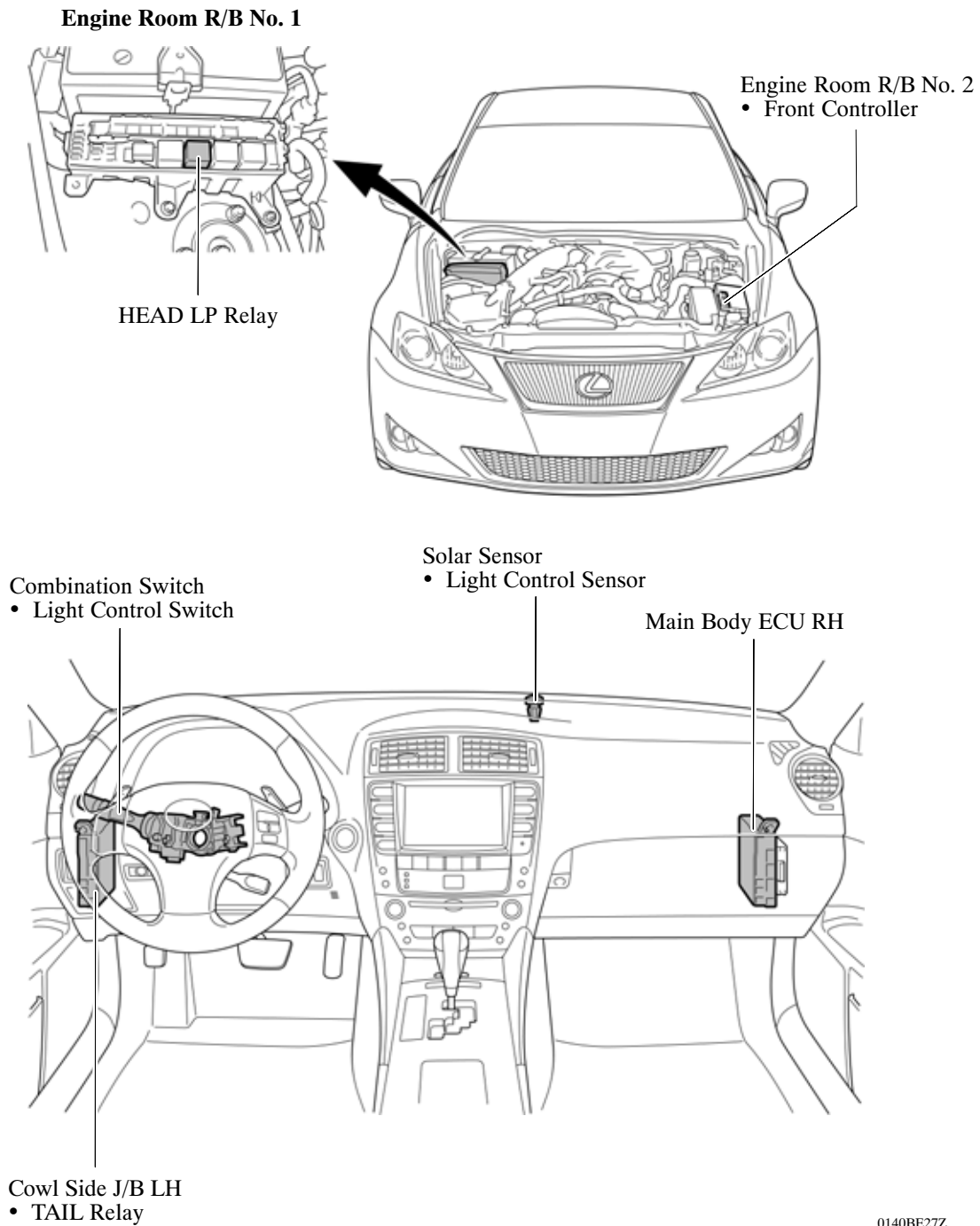
- The Main Body ECU RH controls this system.
- Ambient light levels are detected by the light control sensor that is integrated in the air conditioning system's solar sensor.

► System Diagram ◀



0140BE26C

2. Layout of Main Component



3. System Operation

Based on the “Ambient Light” and “Operation Condition”, the automatic light control system operates as follows:

Ambient Light	Operation Condition	Operation Light
Bright	- Light control switch is AUTO - Power source is IG-ON - Driver door is closed.	None
Bright → Momentarily Dark		The following lights turn on:
Dim		- Taillights - Parking Lights - License Plate Lights
Dark		The following lights remain on: - Taillights - Parking Lights - License Plate Lights - Headlights (Lo beam)
Dark → Momentarily Bright		
Dark	- Light control switch is AUTO - Power source is OFF - Driver door is closed.	Turn OFF
	- Light control switch is AUTO - Power source is OFF - Driver door is closed and then opened.	
	- Light control switch is AUTO - Power source is OFF - Driver door is opened and then closed.	
	- Light control switch is AUTO - Power source is OFF → IG-ON - Driver door is closed.	The following lights turn on:
		- Taillights - Parking Lights - License Plate Lights - Headlights (Lo beam)