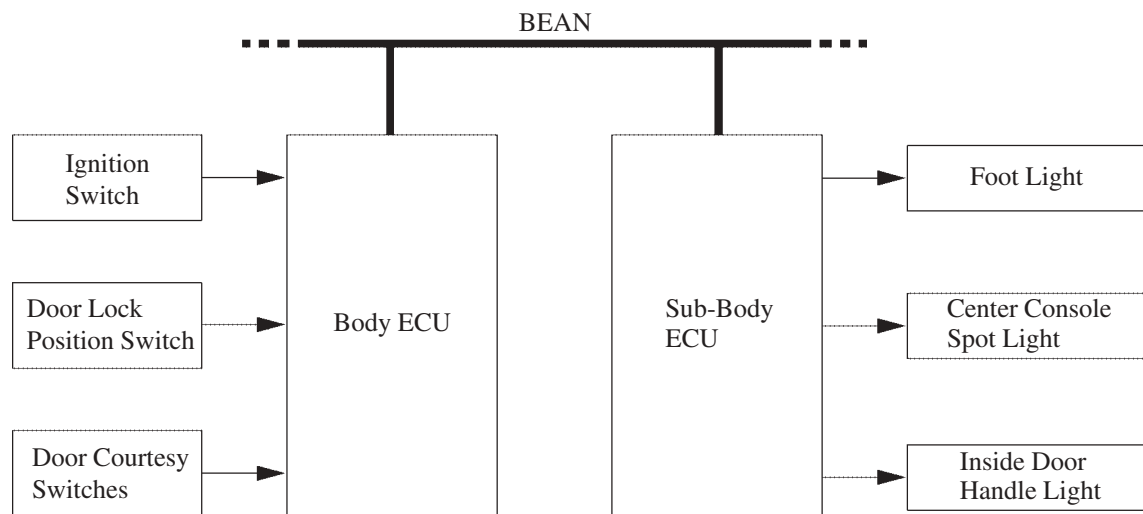


2. Illuminated Entry System

General

- The following illuminations have been added to the illuminated entry system: the inside door handle illumination, center console spot light, and foot light.
- This illumination is controlled by the body ECU and the sub-body ECU. The body ECU determines the condition of the ignition switch, the condition of the door locks, and whether the doors are open or closed. Then, the body ECU sends a signal to the sub-body ECU to turn the illumination ON or OFF. Upon receiving this signal, the sub-body ECU effects the ON or OFF control of the illumination.



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- The illumination system has following functions:

Function	Foot Light	Center Console Spot Light	Inside Door Handle Light
Any door is unlocked illumination	○	—	○
Any door is Opened illumination	○	—	○
Back door is Opened illumination	○	○	—
Ignition switch position is turned from ACC → ON	○	○	○
Fade In/Fade Out Function	○	○	○
Timer illumination Function	○	—	○
Dimming illumination Function	○	—	○

Illumination Control

- The illumination control consists primarily of the fade-in/fade-out function, timer illumination function, and dimming illumination function. These functions are controlled by the sub-body ECU.
- The fade-in function gradually fades the lighting in approximately 1.5 seconds when the illumination is turned ON
- The fade-out function gradually fades the lighting out in approximately 0.9 seconds when the illumination is turned OFF.
- The timer illumination function turns ON the illumination and turns it OFF after 15 seconds. However, if the illumination is turned OFF while the timer is being activated, the operation of the timer cancels and the illumination fades out immediately.
- The dimming illumination function dims the applicable illumination while the vehicle is being driven.