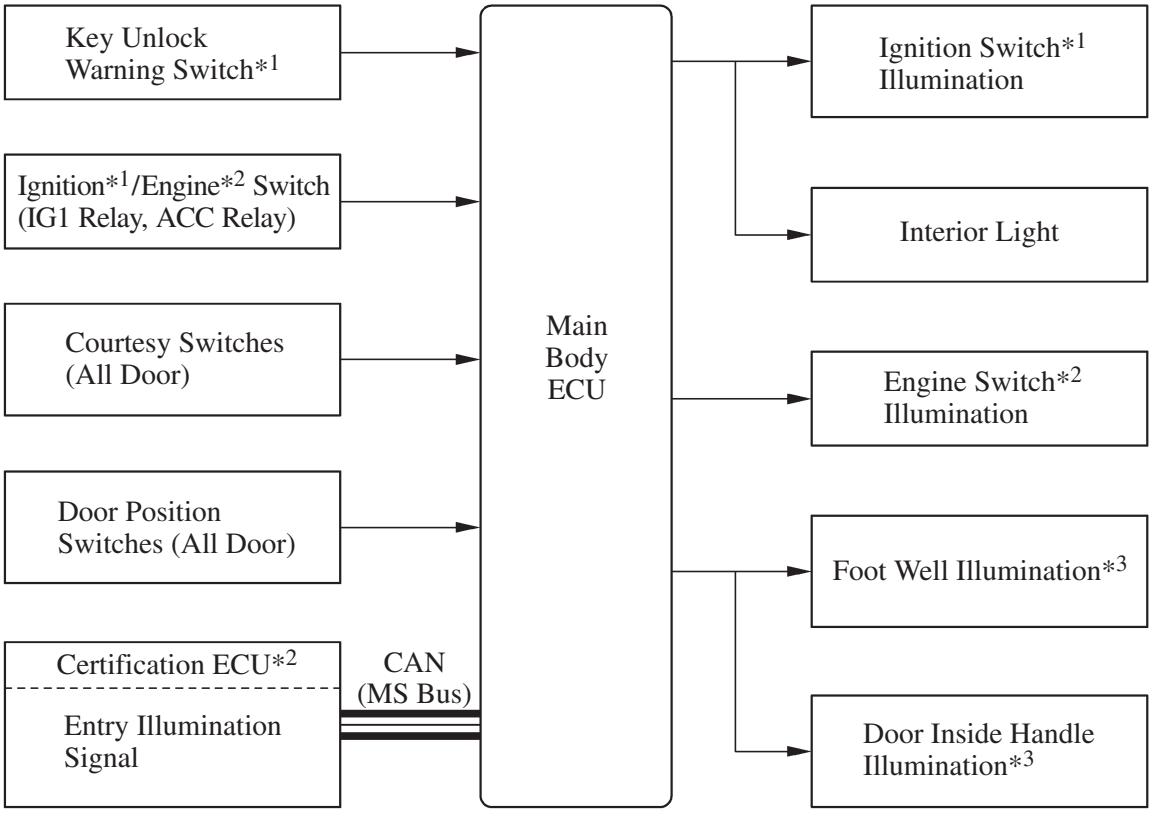
■ILLUMINATED ENTRY SYSTEM

1. General

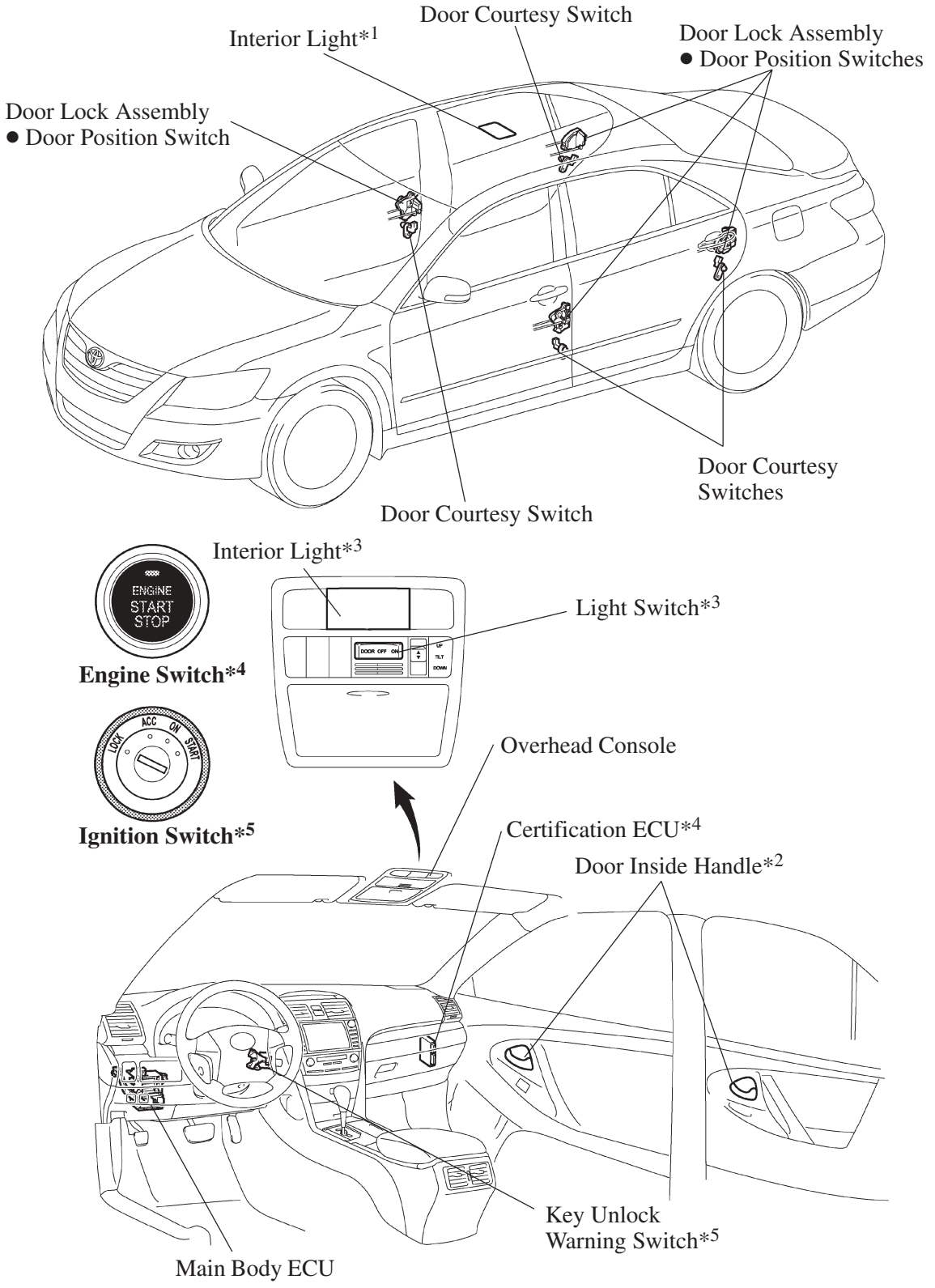
- The illuminated entry system of the new Camry controls 4 kinds of light: interior light, ignition switch*1/engine switch*2 illumination, foot well illumination*3 and door inside handle illumination*3.
- The interior light is operated when the light switch is in the DOOR position.

▶ System Diagram ◀



*1: Models without the smart entry and start system
*2: Models with the smart entry and start system
*3: Only for E and G grade models for Taiwan and Thailand, G grade models for Indonesia and the Philippines, and E grade models for Vietnam

2. Layout of Main Components



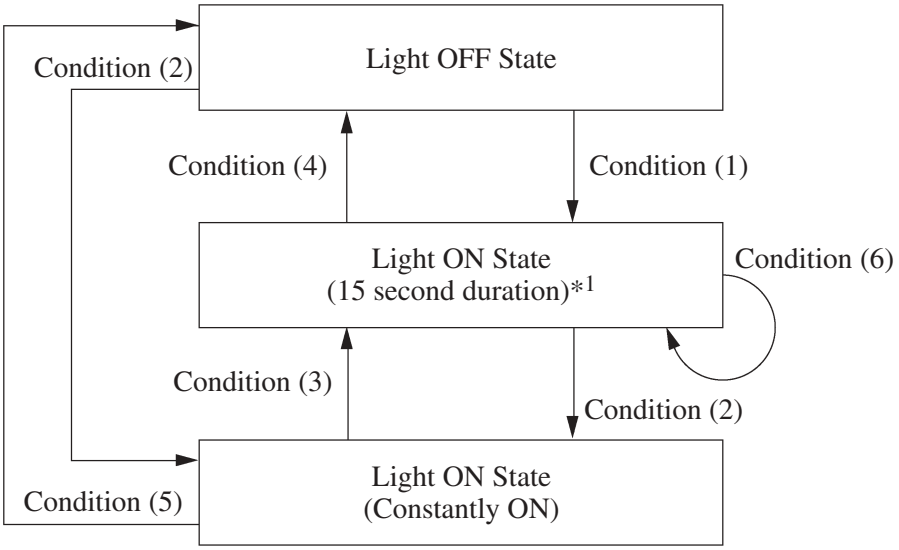
02KBE19TE

*1: Only for models without the sliding roof system
*2: Only for E and G grade models for Taiwan and Thailand, G grade models for Indonesia and the Philippines, and E grade models for Vietnam
*3: Only for models with the sliding roof system
*4: Only for models with the smart entry and start system
*5: Only for models without the smart entry and start system

3. Interior Light Control

- The interior light control (interior light and ignition switch illumination*1/engine switch illumination*2) consists primarily of the fade-in/fade-out function and timer illumination function.
- The interior light control activates as described in the diagram below when one of items is in the respective state.
- This control is controlled by the main body ECU.

*1: Models without the smart entry and start system
*2: Models with the smart entry and start system



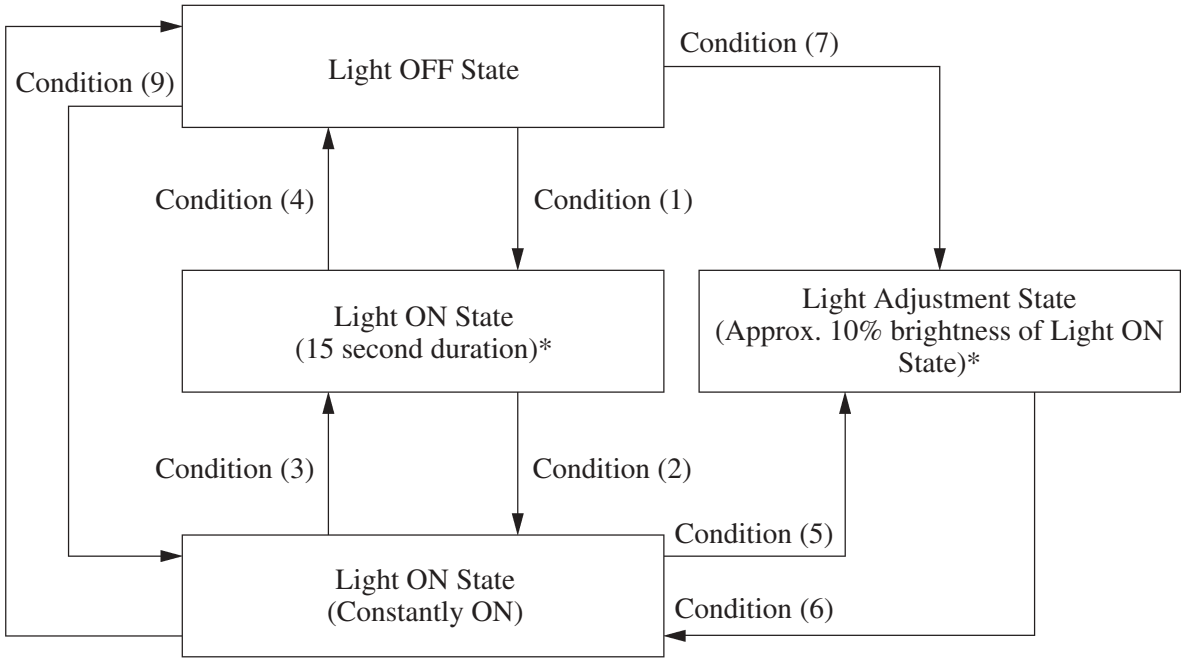
02KBE128Y

Condition	Item
Condition (1)	● With power source*2 OFF and all doors closed, any door is unlocked. ● With all doors closed, power source*2 is changed from ACC to OFF. ● With power source OFF and all doors closed, key enters any actuation area around the doors. (Only for models with smart entry and start system)
Condition (2)	● Any door is open.
Condition (3)	● With power source*2 OFF, all doors are closed, any door is unlocked.
Condition (4)	● Power source*2 is ACC or ON. ● More than 15 seconds have elapsed since the Light ON State (15 second duration)*1. ● With power source*2 OFF and all doors closed, all doors are locked.
Condition (5)	● With power source*2 ACC or ON, all doors are closed or locked.
Condition (6)	● With power source OFF and all doors closed, key enters any actuation area around the doors. (Only for models with smart entry and start system) ● With power source*2 OFF and all doors locked, any door is unlocked.

*1: The function setting can be changed using the customized body electronics system. For details, refer to Customized Body Electronics System section on page BE-14.
*2: The power source condition can be changed by operating the engine switch on models with the smart entry and start system, and the ignition switch on models without the smart entry and start system.

4. Foot Well Illumination and Door Inside Handle Illumination Control

- The foot well illumination control consists primarily of the fade-in/fade-out function and timer illumination function.
- The foot well illumination control activates as described in the diagram below when one of items enters the respective state.
- This control is controlled by the main body ECU.



241BE33

Condition	Item
Condition (1)	● With power source*1 OFF and all doors closed, any door is unlocked.
Condition (2)	● Any door is open. ● With shift lever at P position, power source*1 is changed from OFF to ON.
Condition (3)	● With power source ACC or OFF*1, all doors are closed. ● With all doors closed, power source*1 is changed from ON to OFF.
Condition (4)	● More than 15 seconds have elapsed since start of the Light ON State (15 seconds duration)*2. ● With power source*1 OFF and all doors closed, all doors are locked.
Condition (5)	● Shift lever is put into other than P position with power source*1 ON.
Condition (6)	● With power source ON, shift lever is put into P position or any door is opened with shift lever in any position except P.
Condition (7)	● With shift lever in other than P position, power source*1 is changed from OFF to ON.
Condition (8)	● With power source*1 OFF and all doors locked, all doors are closed.
Condition (9)	● Any door is open. ● With shift lever in P position, power source*1 is changed from OFF to ON.

*1: The power source condition can be changed by operating the engine switch on models with the smart entry and start system, and the ignition switch on models without the smart entry and start system.

*2: The function setting can be changed using the customized body electronics system. For details, refer to Customized Body Electronics System section on page BE-14.

5. Battery Saving Control

When the following two conditions have been met, battery saving control turns off the lights illuminated by the illuminated entry controls. Battery saving control is controlled by the main body ECU.

- The power source is OFF (models with smart entry and start system), or the ignition key is not in the ignition key cylinder (models without smart entry and start system).
- There is no change in the condition of the doors for 20 minutes.