

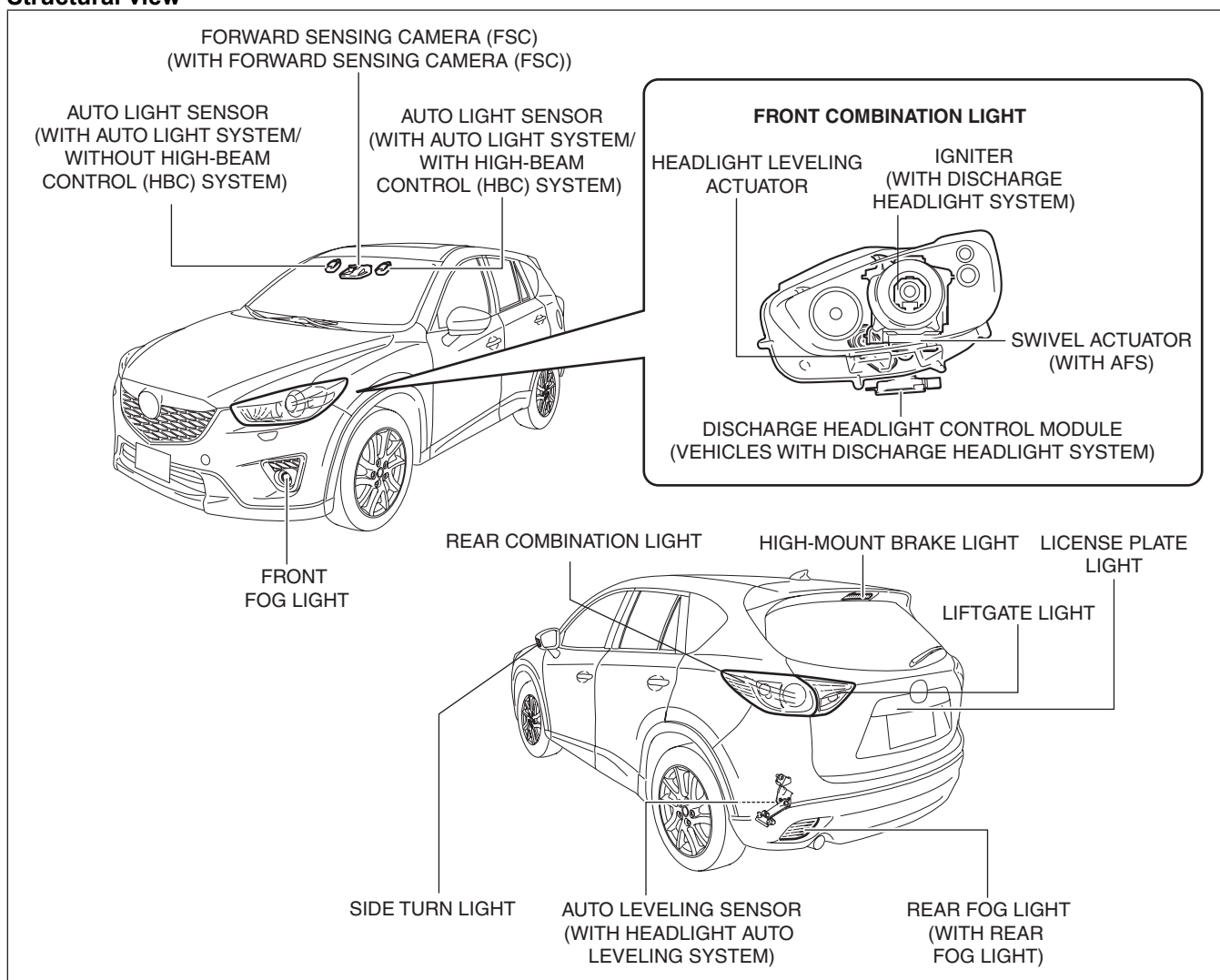
## EXTERIOR LIGHTING SYSTEMS

id091800010100

### Outline

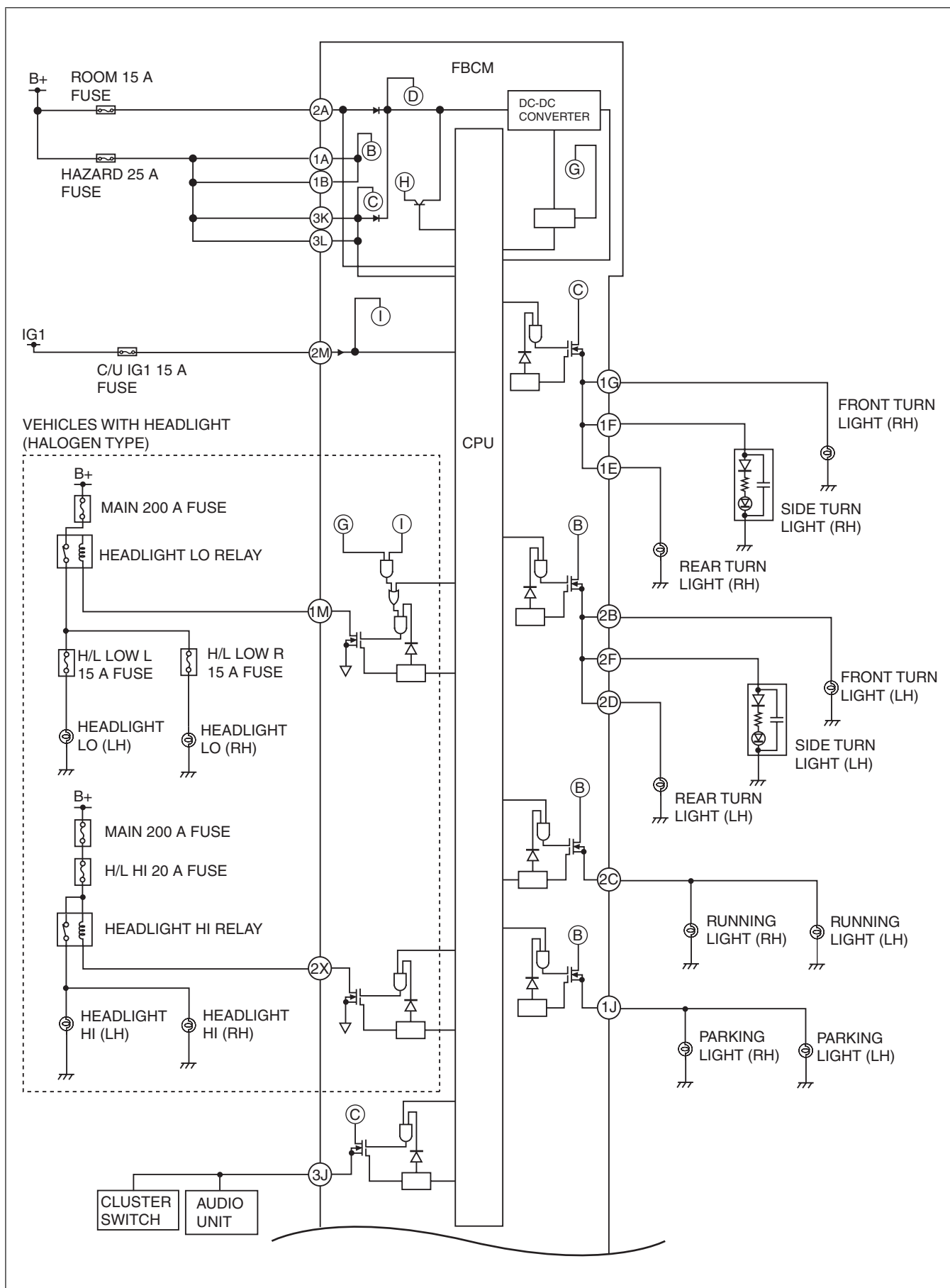
- Projector type headlights have been adopted to the front combination lights.
- Auto-light system has been adopted in which TNS and headlights automatically and optimally illuminate and turn off. (With auto light system)
- An HBC system has been adopted which automatically changes the headlights to low beams when it recognizes an oncoming vehicle, a vehicle ahead, or travel through city streets. (With HBC)
- An AFS (adaptive front lighting system) has been adopted which changes the optical axis to the direction in which the vehicle is moving according to the amount of steering operation. (With AFS (adaptive front lighting system))
- Discharge headlights that emit light over a wide area have been adopted. (With discharge headlight system)
- A headlight auto leveling system has been adopted which automatically adjusts the headlight optical axis up and down. (With headlight auto leveling system)
- A headlight manual leveling system has been adopted which changes the headlight (LO) optical axis according to the operation of the headlight leveling switch. (With headlight manual leveling system)
- An emergency signal system (ESS) has been adopted which flashes the hazard warning lights if the vehicle suddenly decelerates while traveling at high speed.
- Front fog lights have been adopted in the front bumper. (With front fog lights)
- Rear fog lights have been adopted in the rear bumper. (With rear fog lights)
- Outer mirrors with built-in front side turn lights have been adopted.
- LED type high-mount brake light has been adopted.
- The front body control module (FBCM) performs exterior lighting system fail-safe. (See FRONT BODY CONTROL MODULE (FBCM).)

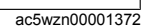
### Structural view

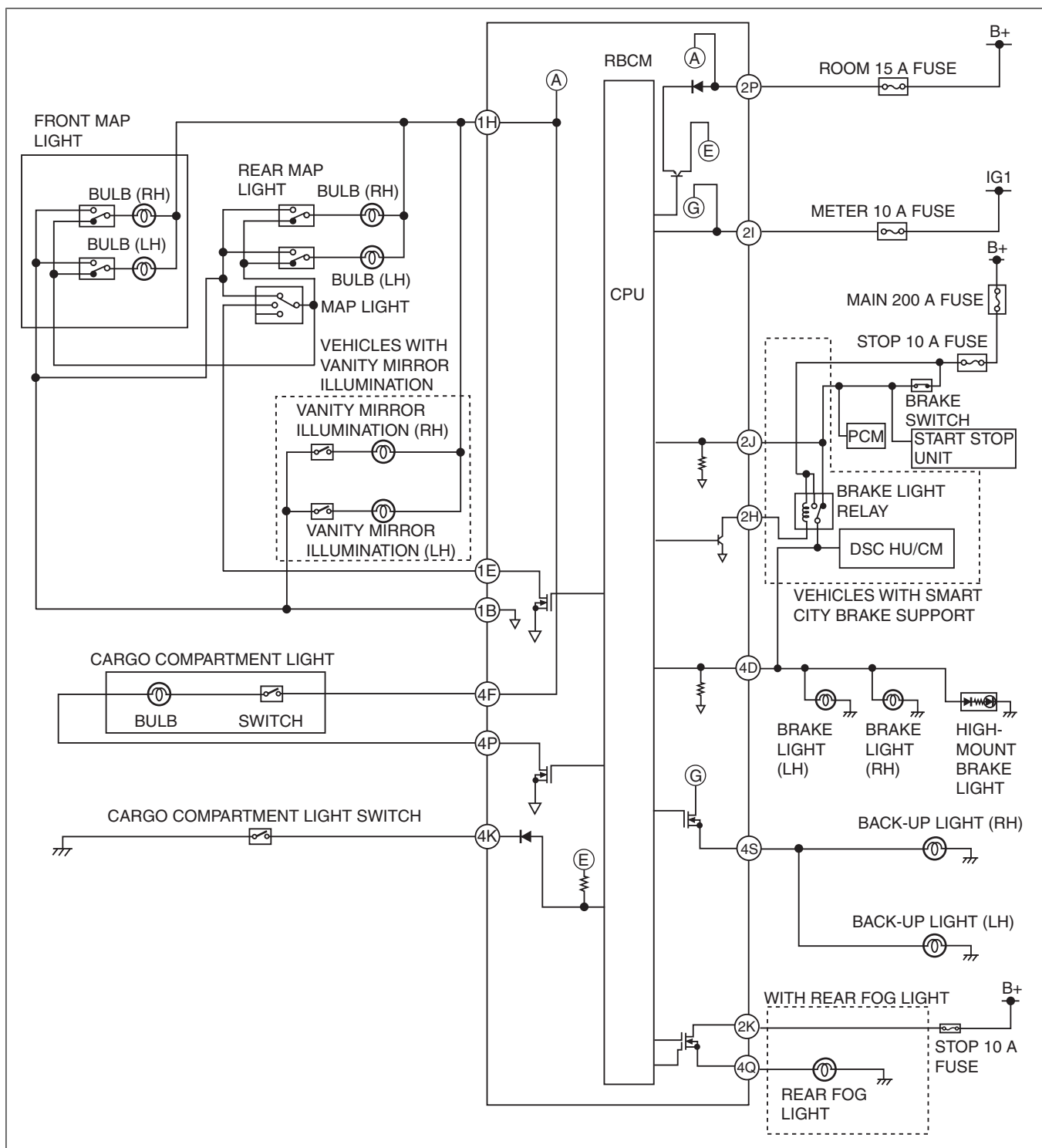


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### System wiring diagram







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## Operation

### Headlights LO (halogen type), headlights HI (halogen type), parking lights, front turn lights

- Refer to the front combination lights. (See FRONT COMBINATION LIGHT.)

### Headlight HI/LO (discharge type)

- Refer to the discharge headlight system. (See DISCHARGE HEADLIGHT SYSTEM.)

### Running lights (with running light system)

- Refer to the running light system. (See RUNNING LIGHT SYSTEM.)

### Front fog lights (with front fog lights)

- Refer to the front fog lights. (See FRONT FOG LIGHT.)

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**Side turn lights**

- Refer to the side turn lights. (See SIDE TURN LIGHT.)

**Rear turn lights, brake lights, taillights**

- Refer to the rear combination lights. (See REAR COMBINATION LIGHT.)

**Hazard warning lights**

- Refer to the front combination lights. (See FRONT COMBINATION LIGHT.)
- Refer to the side turn lights. (See SIDE TURN LIGHT.)
- Refer to the rear combination lights. (See REAR COMBINATION LIGHT.)

**Back-up lights, taillights**

- Refer to the liftgate lights. (See LIFTGATE LIGHT.)

**Rear fog lights (with rear fog lights)**

- Refer to the rear fog lights. (See REAR FOG LIGHT.)

**High-mount brake light**

- Refer to the high-mount brake lights. (See HIGH-MOUNT BRAKE LIGHT.)

**License plate lights**

- Refer to the license plate lights. (See LICENSE PLATE LIGHT.)