

## REAR BODY CONTROL MODULE (RBCM)

id094000002600

### Outline

- Positioned at the rear of the vehicle, the rear body control module (RBCM) performs numerous system controls for functions at the vehicle rear.

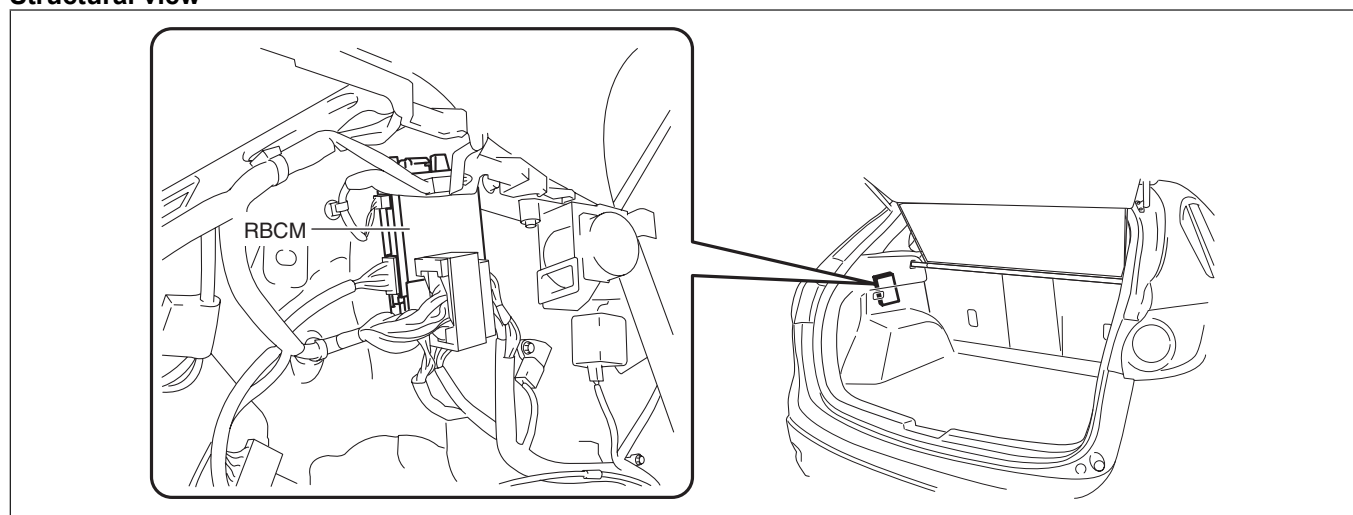
### Function

- The rear body control module (RBCM) controls the system based on the input/output signals.
- The functions which are controlled are as follows:

### Control table

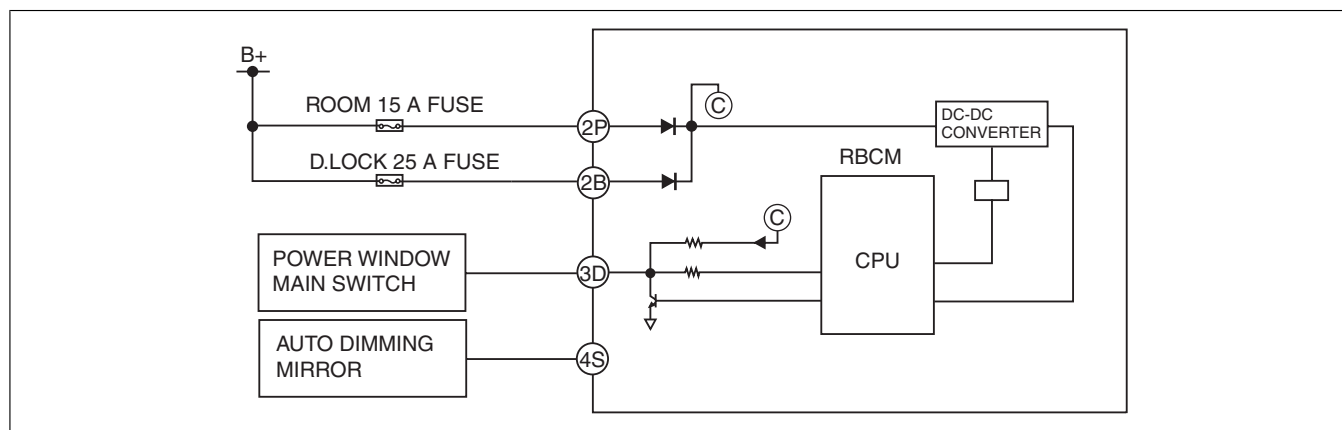
Control	Content	Reference
Interior light control system control	The rear body control module (RBCM) changes the illumination condition and illumination level of the interior light (door position) according to whether the doors are opened/closed.	(See INTERIOR LIGHTING SYSTEM.)
Back-up light control	The back-up light illuminates in conjunction with the shift operation.	(See REAR COMBINATION LIGHT.)
Power door lock system control	A power door lock system has been adopted in which all doors and the liftgate are locked/unlocked when the driver's door is locked/unlocked using the driver's door lock knob, or the door key cylinder is operated.	(See POWER DOOR LOCK SYSTEM.)
Rear wiper system control	Equipped with continuous, auto-stop, intermittent wiper, and synchronized washer and wiper operation.	(See REAR WIPER SYSTEM.)
Rear fog light system control	The rear fog light illuminates in conjunction with the operating light switch and the rear fog light switch.	(See REAR FOG LIGHT.)
Liftgate opener system control	A liftgate opener system has been adopted in which the liftgate can be opened just by pressing the liftgate opener switch.	(See LIFTGATE OPENER SYSTEM.)
CAN (Controller Area Network)	Sends and receives signals between CAN system-related modules using the CAN system.	(See CONTROLLER AREA NETWORK (CAN) SYSTEM.)
ON-BOARD DIAGNOSTIC SYSTEM	The rear body control module (RBCM) is equipped with an on-board diagnosis function which records DTCs in the event of a malfunction.	(See ON-BOARD DIAGNOSTIC SYSTEM [REAR BODY CONTROL MODULE (RBCM)].)

### Structural view



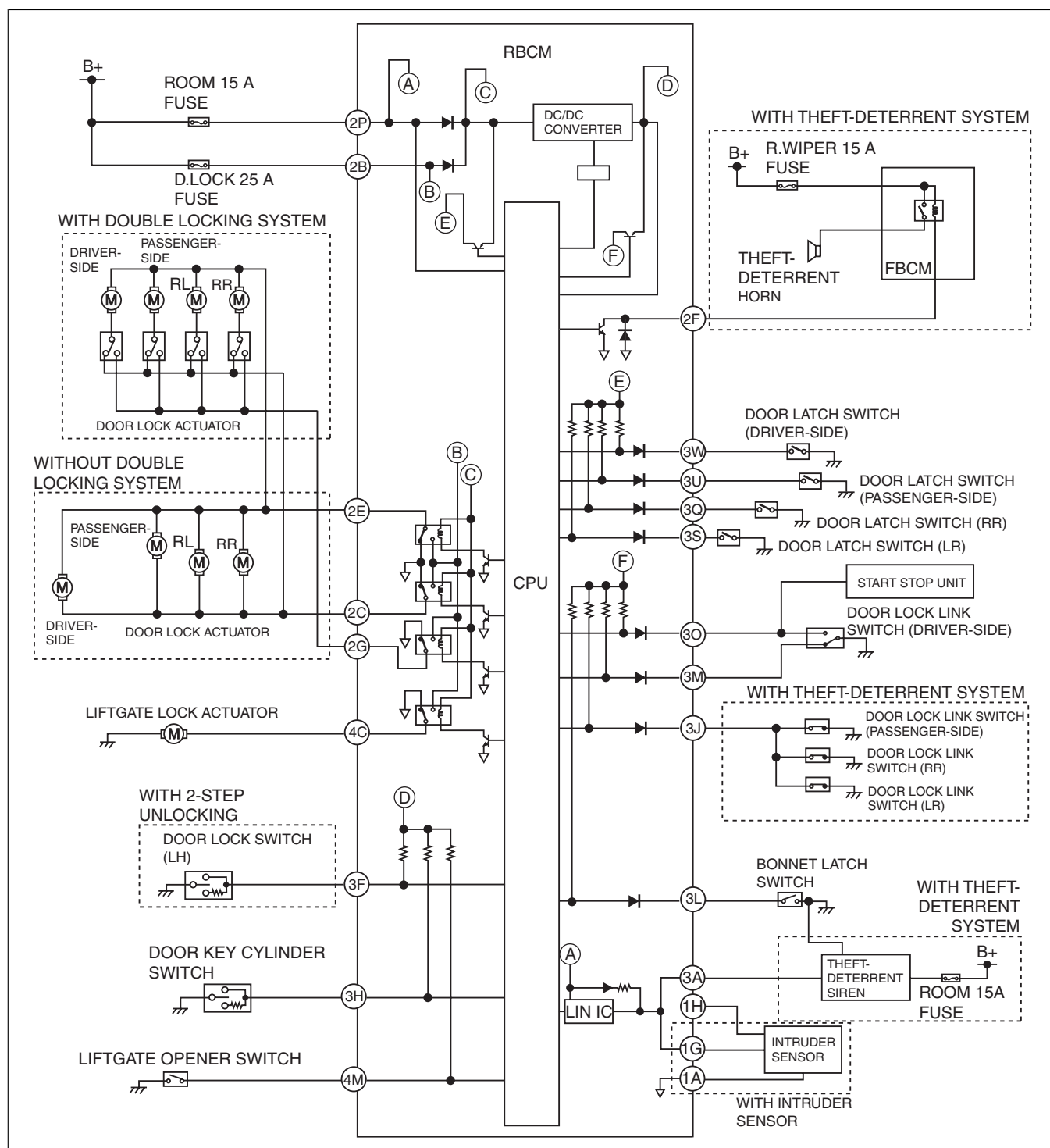
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### System wiring diagram

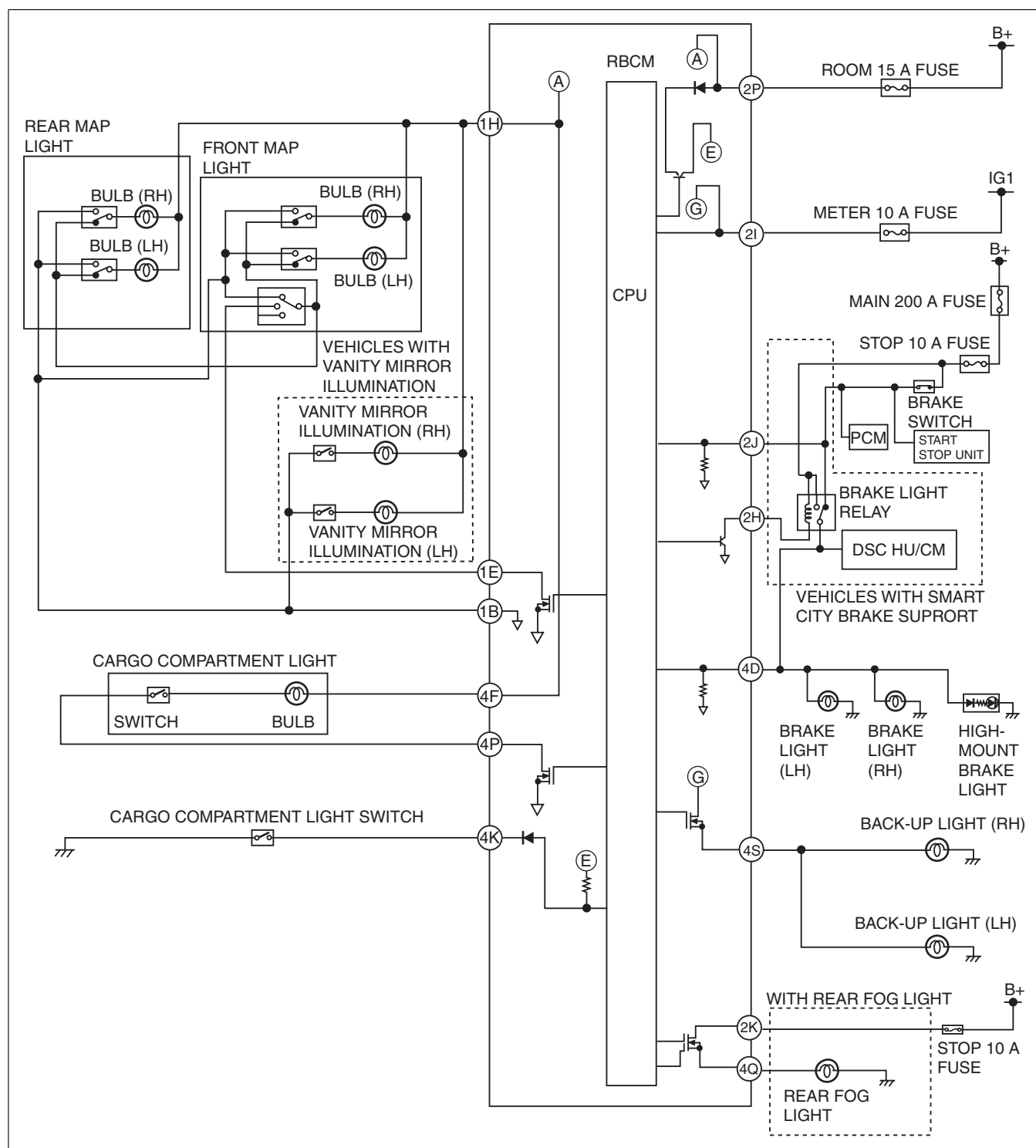


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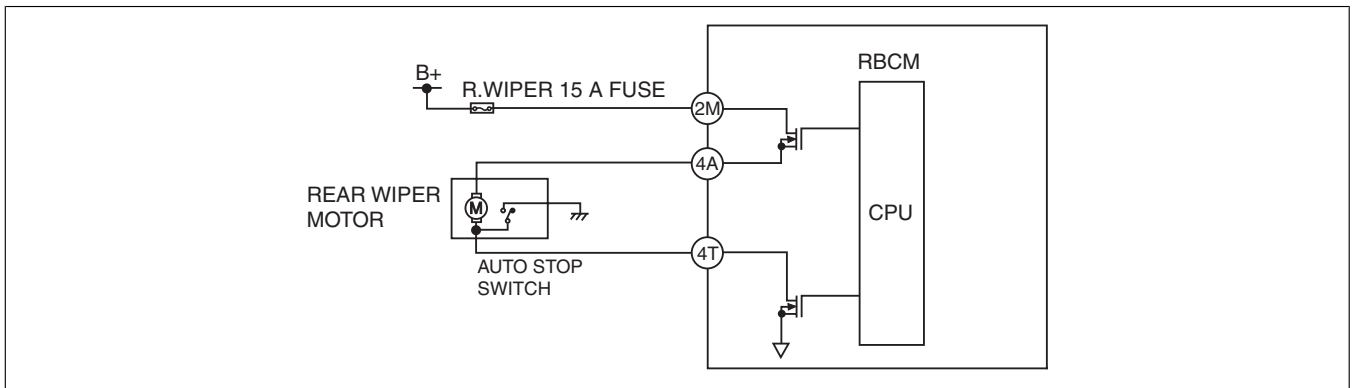
## Power door lock system, theft-deterrent system



## Room lights, brake light, rear fog light system

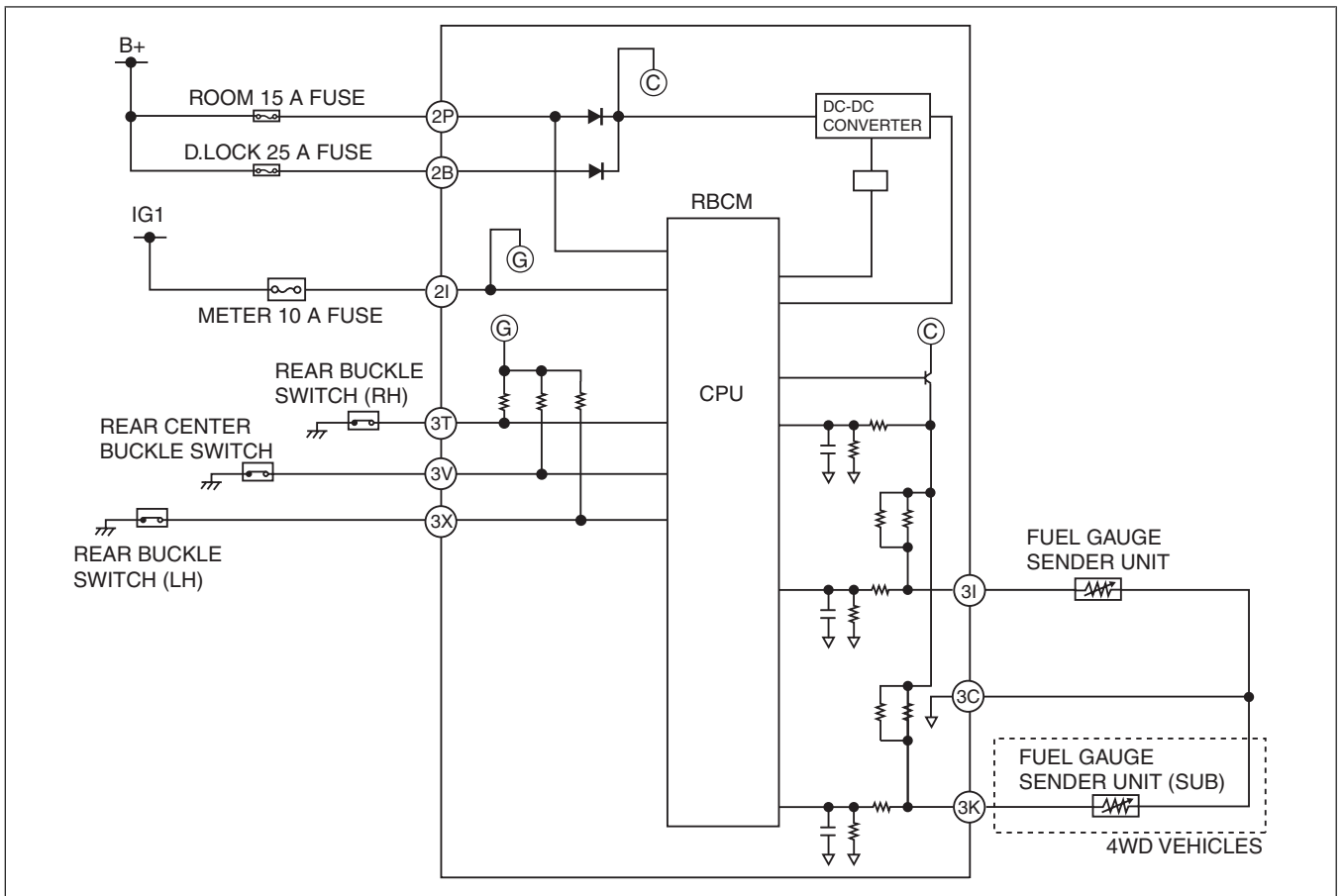


## Rear wiper system



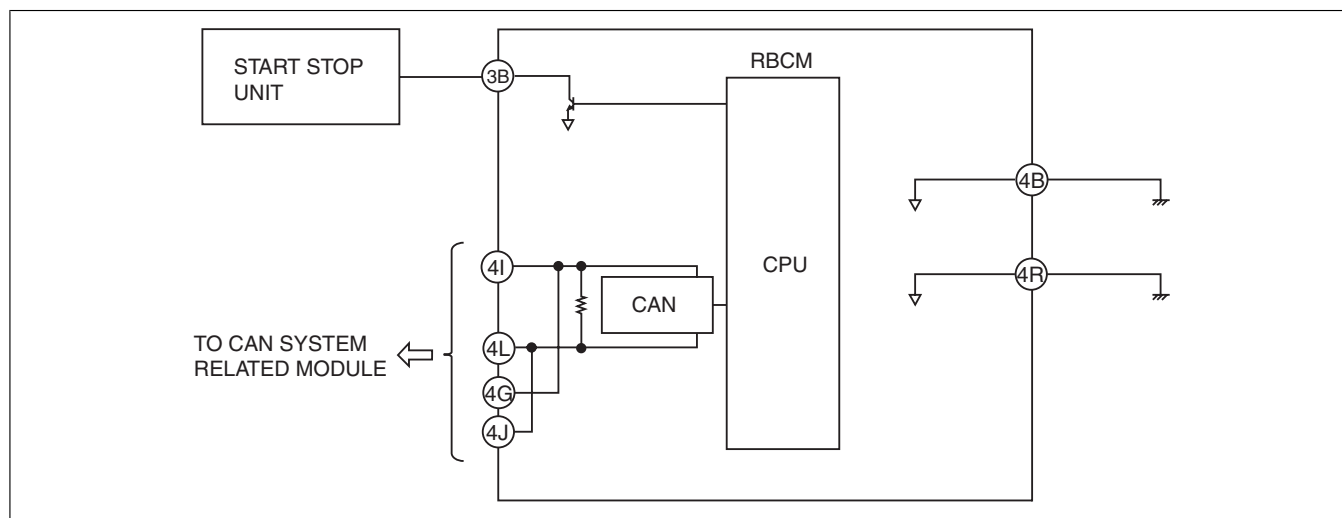
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## Fuel-level sensor, rear seat belt reminder system



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## CAN system



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### Fail-safe

#### Room light control system

- If an error is detected in a combination of the door lock-link switch signals, the rear body control module (RBCM) controls the interior light based on the signal before the error occurred.
- If the CAN signal cannot be received normally, the rear body control module (RBCM) controls the interior light based on the signal last received. If the CAN signal cannot be received normally for 5 s or more, the rear body control module (RBCM) stops the interior light control.

#### Back-up light

- Function not equipped.

#### Power door lock system

- Function not equipped.

#### Rear wiper system

- If the CAN signal cannot be received normally, the rear body control module (RBCM) controls the rear wiper based on the signal last received. If the CAN signal cannot be received normally for 5 s or more, the rear body control module (RBCM) stops the rear wiper control.

#### Liftgate opener system

- If the CAN signal cannot be received normally, the liftgate open operation is inhibited.

#### Theft-deterrent system

- Function not equipped.

#### Rear fog light system

- Function not equipped.