
REAR COMBINATION LIGHT

id091800011800

Purpose

- The rear combination lights are used to signal the following conditions to vehicles/people at the rear.
 - Rear turn lights: Signals a left or right turn of the vehicle.
 - Brake lights: Signals a vehicle stop.
 - Taillights: Signals the presence of the vehicle to vehicles/people at the rear during nighttime.

Function

- The related light turns on or flashes according to the operation of each switch.

Operation switch	Related light	Operation condition
Light switch (TNS)	Taillight	Turns on
Brake switch	Brake light	Turns on
Turn switch	Rear turn light	Flashes
Hazard warning switch		

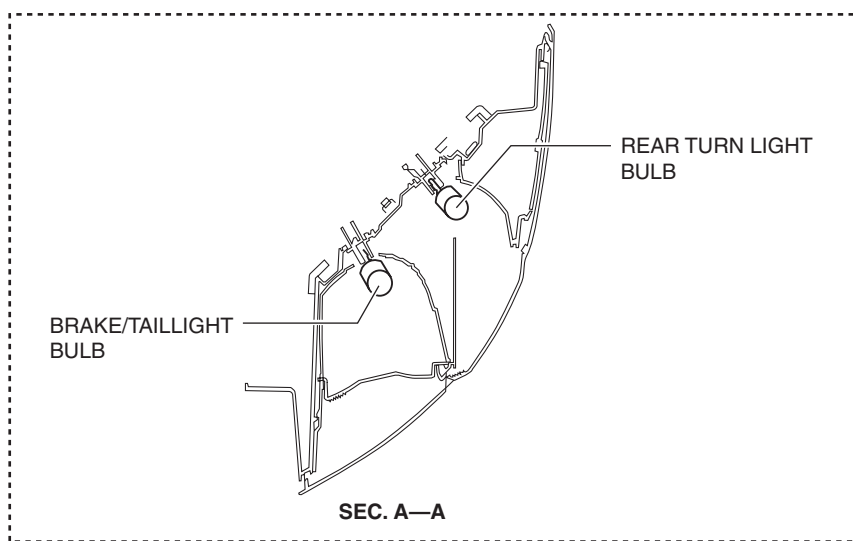
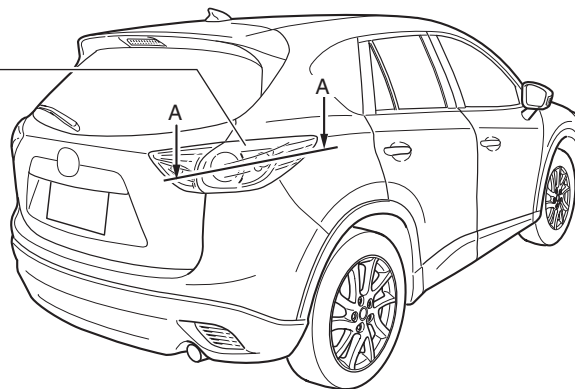
Construction

- The following parts are an integrated structure.
 - Rear turn light
 - Brake/taillight
- A clear lens has been adopted for the rear combination light.

Note

- Fogging or condensation on the inside of the rear combination lights may occur, however, it is a natural phenomenon occurring as a result of a temperature difference between the interior and exterior of the combination lights and has no effect on the light performance. Fogging or condensation will dissipate when the temperature inside the rear combination lights rises after the brake/taillight bulbs are illuminated and a period of time has elapsed.

REAR COMBINATION
LIGHT

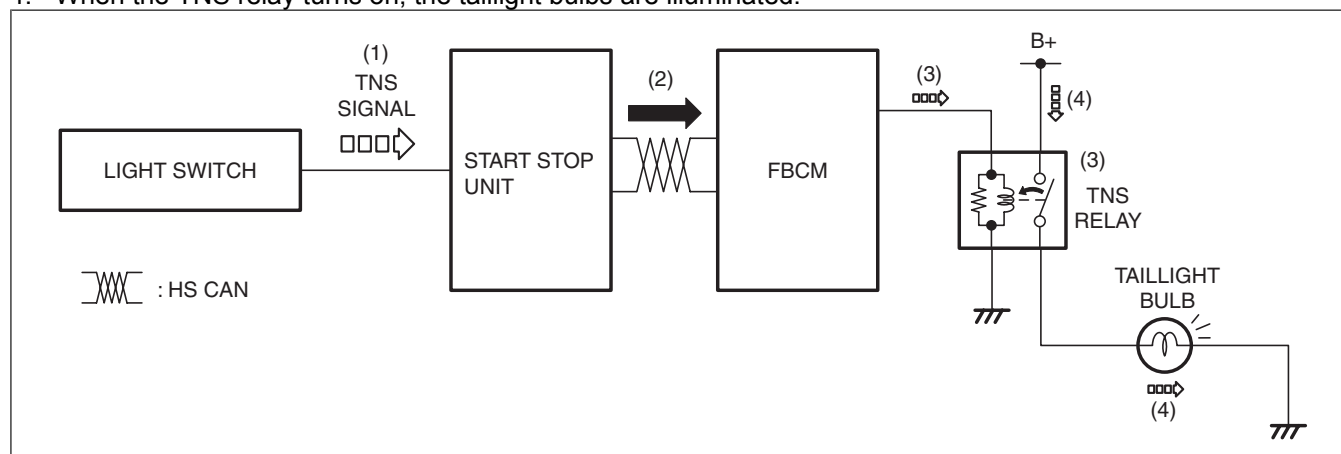


ac5wzn00000518

Operation

Taillights

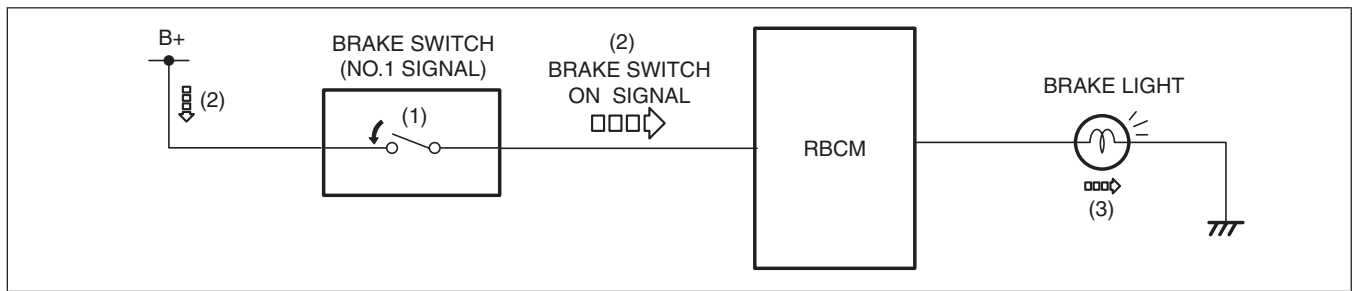
1. When the light switch is operated to the TNS position, a TNS signal is input to the start stop unit.
2. The start stop unit sends the TNS signal to the front body control module (FBCM).
3. When the front body control module (FBCM) receives the TNS signal, it turns the TNS relay on.
4. When the TNS relay turns on, the taillight bulbs are illuminated.



ac5wzn00001355

Brake lights (with smart city brake support)

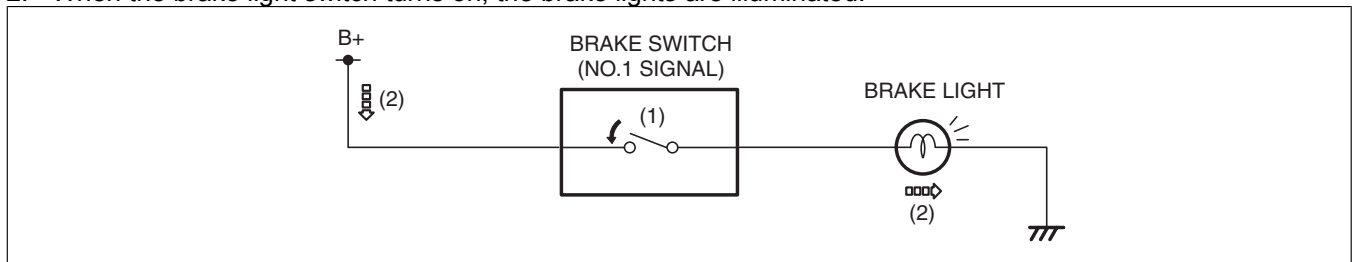
1. When the brake pedal is depressed, the brake light switch turns on.
2. When the brake light switch turns on, a brake light switch on signal is input to the rear body control module (RBCM).
3. When the rear body control module (RBCM) receives the brake light switch on signal, it illuminates the brake lights.



ac5wzn00001356

Brake lights (without smart city brake support)

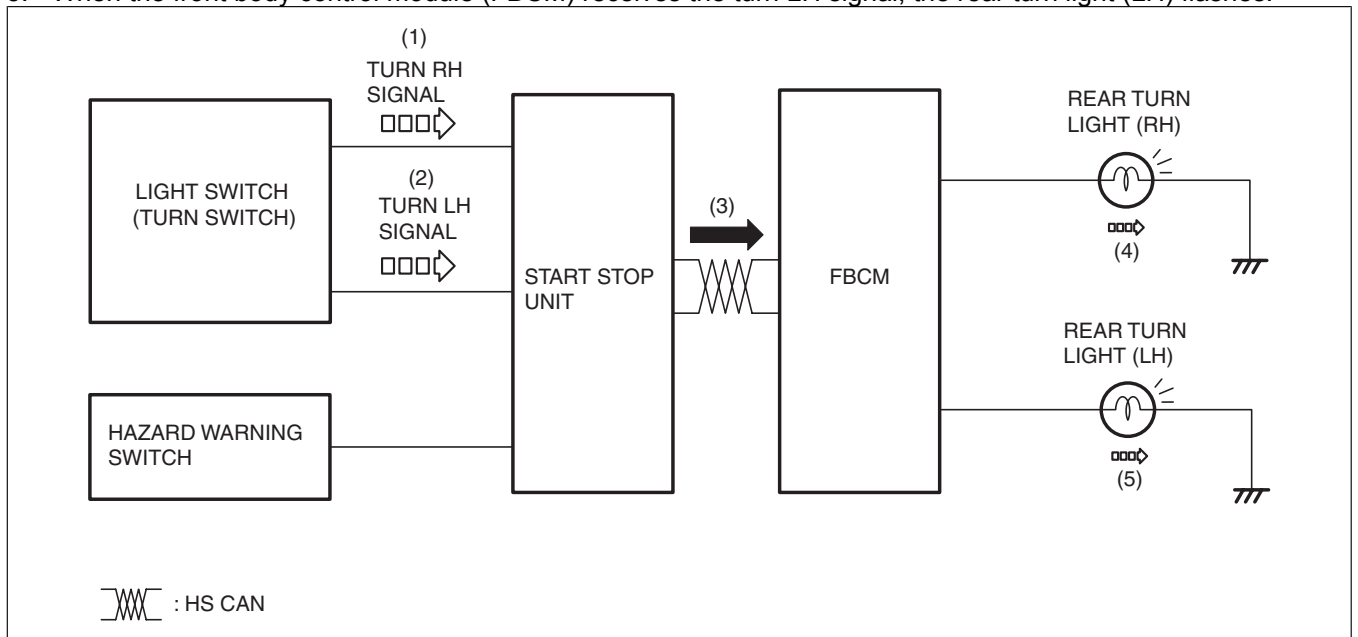
1. When the brake pedal is depressed, the brake light switch turns on.
2. When the brake light switch turns on, the brake lights are illuminated.



ac5wzn00001357

Rear turn lights (turn)

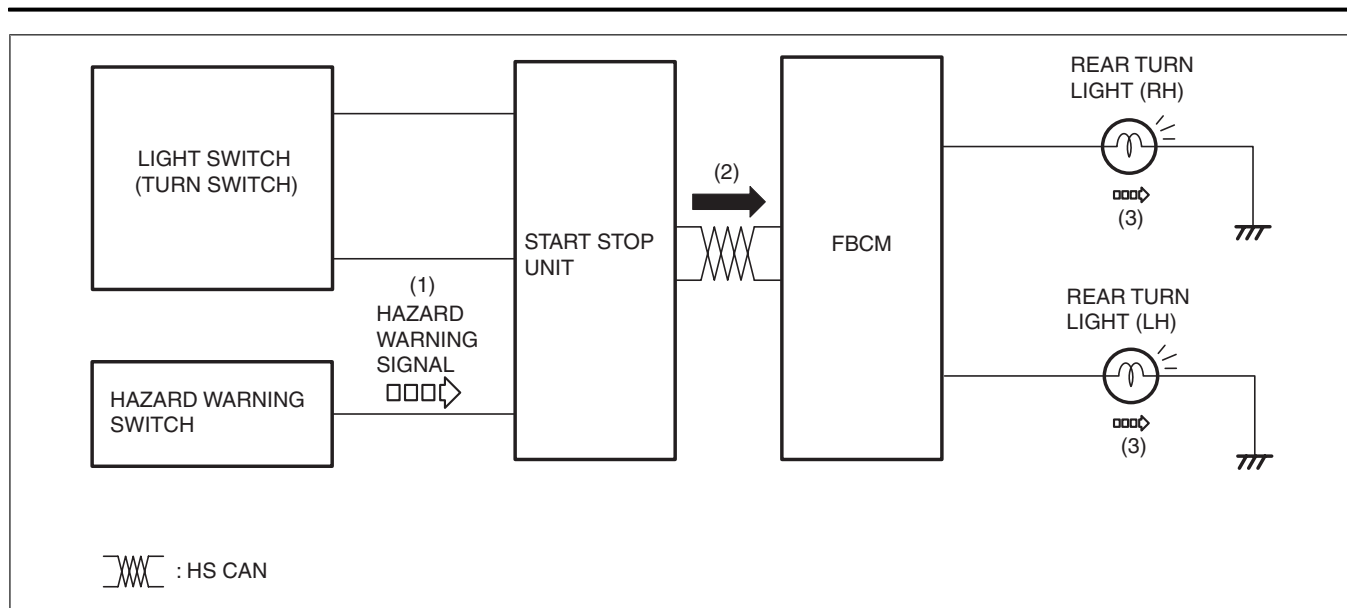
1. When the turn switch is operated to the RH position, a turn RH signal is input to the start stop unit.
2. When the turn switch is operated to the LH position, a turn LH signal is input to the start stop unit.
3. The start stop unit sends the turn RH or LH signal to the front body control module (FBCM).
4. When the front body control module (FBCM) receives the turn RH signal, the rear turn light (RH) flashes.
5. When the front body control module (FBCM) receives the turn LH signal, the rear turn light (LH) flashes.



ac5wzn00001358

Rear turn lights (hazard)

1. When the hazard switch is turned on, a hazard signal is input to the start stop unit.
2. The start stop unit sends a hazard signal to the front body control module (FBCM).
3. When the front body control module (FBCM) receives the hazard signal, the rear turn lights (RH) and (LH) flash.



ac5wzn00001359

Fail-safe

- Function not equipped.