

Light Auto Cut System

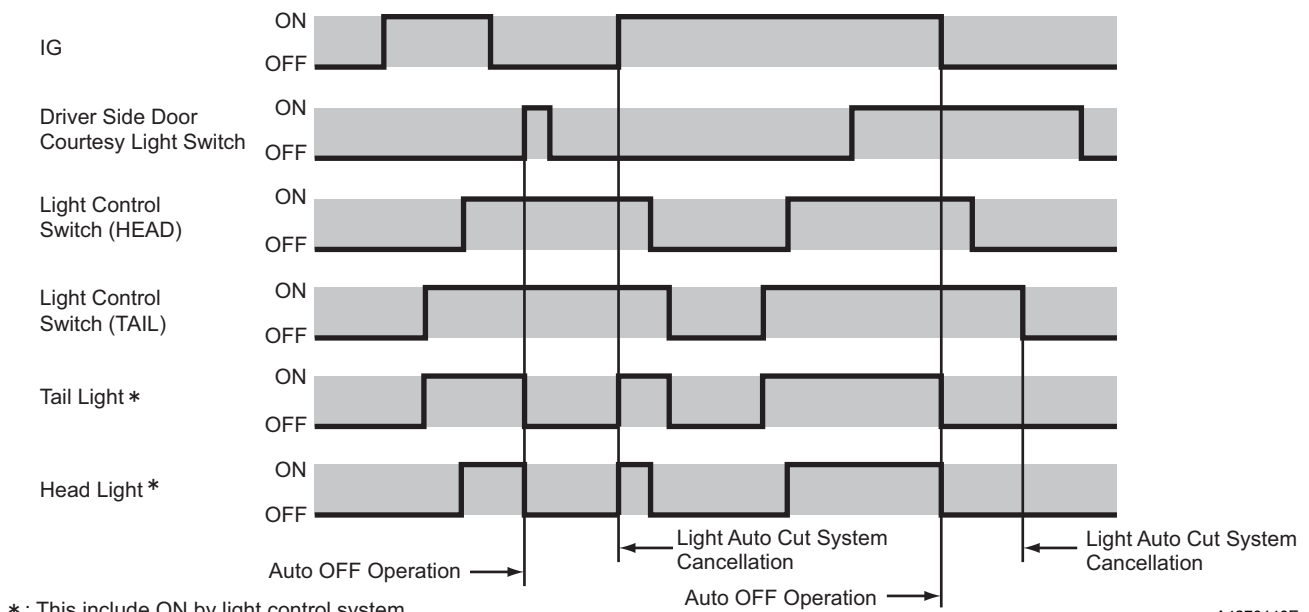
- A light auto cut system is provided on all models as standard equipment. This system prevents the headlights and taillights from being inadvertently left ON.
- The circuit that controls this system is built into the MPX body ECU.

Light Control System Function

- The ignition is ON and the light control switch (HEAD or TAIL) is ON or set to AUTO, allowing the headlights or taillights (including the front fog lights and the rear fog lights) to stay ON. In this state, if the driver turns the ignition OFF and opens the driver's door, this function will automatically turn OFF the headlights and taillights.
- While the ignition is ON, if the driver opens the driver's door, then turns the ignition OFF, this function will also automatically turn OFF the headlights and taillights.
- After the lights have been turned OFF automatically, the driver can operate the light control switch again from a position other than OFF to OFF, or turn the ignition ON in order to cancel the light auto cut system.*

❖REFERENCE❖

*If the driver performs a passing operation while the lights are automatically turned OFF, the headlights will turn ON, but the light auto cut system will not cancel.



* : This include ON by light control system.

A4270140E

Light Control System Operation

- Refer to the circuit diagram for the operation of the light control system. : BE-27

Light Auto Cut System Operation

Operation Name	Condition	Basic Operation
Normal ON Operation	While the ignition is ON, the light control switch is turned ON.	While the ignition is ON, if the driver turns ON the light control (TAIL or HEAD) switch, the ON signal of the light control switch is input into the MPX body ECU. Consequently, the MPX body ECU will output a taillight ON signal. If the headlight switch is ON, the MPX body ECU will actuate the headlight relay.
Auto OFF Operation	In the normal light ON state, the driver turns the ignition OFF and opens the driver's door.	In the foregoing normal light ON operation state, if the driver turns the ignition OFF, the MPX body ECU will keep the lights ON. In this state, if the driver opens the driver's door (thus causing the driver's door courtesy light switch to input an ON signal), the MPX body ECU will stop the actuation of the headlight relay and stops the taillight ON signal.