

## SYSTEM OUTLINE

The light auto turn off system automatically turns the taillight or headlight off according to the door open or close on the driver's side, and prevent failing to turn off the lights.

If the ignition switch is turned to OFF from ON with the headlight or taillight is on, the signal is input in the TERMINAL MPX-IG of the driver side J/B ECU. If the driver's side door is opened at that time, the signal from the door courtesy SW front LH is sent to the TERMINAL CTY of the door ECU. The signal turns the headlight or taillight off by the multiplex communication control of the gateway ECU and the J/B ECU.

Delayed turn off control

In the case of that some doors are opened, the headlight or taillight is left on for about 30 seconds after the all the doors was closed. However, if the doors are locked using the wireless door lock, the headlight or taillight is immediately turn off.

## SERVICE HINTS

### D4 (C) DRIVER SIDE J/B ECU

1-GROUND : Approx. **12** volts with ignition SW at **ON** or **ST** position

(C) 5-GROUND : Always approx. **12** volts

6-GROUND : Always continuity

### LUGGAGE ROOM J/B ECU

10, 15-GROUND : Always approx. **12** volts

14-GROUND : Always continuity

## ○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
C14	116 (LHD)	F17	120 (LHD)	L3	121 (LHD)
D2	A 117 (LHD)	G1	117 (LHD)	L11	A 121 (LHD)
D3	B 117 (LHD)	I19	121 (LHD)	L13	C 121 (LHD)
D4	C 117 (LHD)	J15	A 117 (LHD)	P7	118 (LHD)
D12	120 (LHD)	J16	B 117 (LHD)	R15	122 (LHD)
D13	120 (LHD)	J24	121 (LHD)	R16	122 (LHD)
D14	120 (LHD)	J25	A 121 (LHD)	S17	119 (LHD)
D15	120 (LHD)	J26	B 121 (LHD)	T5	119 (LHD)
D25	120 (LHD)	L2	121 (LHD)	T9	119 (LHD)

## ○ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
1	81	Engine Room No.1 R/B (Engine Compartment Left)
2	82	Engine Room No.2 R/B (Engine Compartment Left)
4	84 (LHD)	Fusible Link Block (Engine Compartment Right)

## ○ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	81	Engine Room Main Wire and Engine Room No.1 J/B (Engine Compartment Left)
4A	84 (LHD)	Engine Room Main Wire and Fusible Link Block (Engine Compartment Right)
4B		
DE	87 (LHD)	Instrument Panel Wire and Driver Side J/B (Left Kick Panel)
DG		
DI	89 (LHD)	Floor No.2 Wire and Driver Side J/B (Left Kick Panel)
LA	110	Floor No.2 Wire and Luggage Room J/B (Luggage Room Left)
LJ	110	Luggage Room Wire and Luggage Room J/B (Luggage Room Left)
LL	110	Floor No.2 Wire and Luggage Room J/B (Luggage Room Left)
PC	93 (LHD)	Engine Room Main Wire and Passenger Side J/B (Right Kick Panel)
PE	94 (LHD)	Instrument Panel Wire and Passenger Side J/B (Right Kick Panel)
PI	95 (LHD)	Floor Wire and Passenger Side J/B (Right Kick Panel)

## LIGHT AUTO TURN OFF (LHD)

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 : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	142 (LHD)	Front Door LH Wire and Floor No.2 Wire (Left Kick Panel)
IC3	142 (LHD)	Instrument Panel Wire and Floor No.2 Wire (Cowl Side Panel LH)
IE1	142 (LHD)	Engine Room Main Wire and Floor No.2 Wire (Left Kick Panel)
II1	144 (LHD)	Instrument Panel Wire and Roof Wire (Cowl Side Panel RH)
II2		
IJ1	144 (LHD)	Front Door RH Wire and Floor Wire (Right Kick Panel)
BA2	146 (LHD)	Rear Door No.2 Wire and Floor No.2 Wire (Left Center Pillar)
BB2	146 (LHD)	Rear Door No.1 Wire and Floor Wire (Right Center Pillar)
BC1	146 (LHD)	Floor No.2 Wire and Floor Wire (Rear Floor Partition Panel LH)

 : GROUND POINTS

Code	See Page	Ground Points Location
IG	142 (LHD)	Left Side of Instrument Panel
II	142 (LHD)	Right Side of Shift Lever
BM	146 (LHD)	Quarter Panel LH

