

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

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

(C) 1-GROUND : Always approx. **12** volts

1-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	130 (RHD)	G1	131 (RHD)	L11	A 135 (RHD)
D2	A 131 (RHD)	I19	135 (RHD)	L13	C 135 (RHD)
D3	B 131 (RHD)	J8	128 (RHD)	P7	132 (RHD)
D4	C 131 (RHD)	J15	A 131 (RHD)	R15	136 (RHD)
D12	134 (RHD)	J16	B 131 (RHD)	R16	136 (RHD)
D13	134 (RHD)	J24	135 (RHD)	S17	133 (RHD)
D14	134 (RHD)	J25	A 135 (RHD)	T5	133 (RHD)
D15	134 (RHD)	J26	B 135 (RHD)	T9	133 (RHD)
D25	134 (RHD)	L2	135 (RHD)		
F17	134 (RHD)	L3	135 (RHD)		

○ : 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	85 (RHD)	Fusible Link Block (Engine Compartment Left)

○ : 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	85 (RHD)	Engine Room Main Wire and Fusible Link Block (Engine Compartment Left)
4B		
DE	100 (RHD)	Instrument Panel Wire and Driver Side J/B (Right Kick Panel)
DG		
DI	101 (RHD)	Floor Wire and Driver Side J/B (Right 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)
PE	105 (RHD)	Instrument Panel Wire and Passenger Side J/B (Left Kick Panel)
PI	107 (RHD)	Floor No.2 Wire and Passenger Side J/B (Left Kick Panel)

LIGHT AUTO TURN OFF (RHD)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	154 (RHD)	Front Door LH Wire and Floor No.2 Wire (Left Kick Panel)
IB1	154 (RHD)	Instrument Panel Wire and Roof Wire (Cowl Side Panel LH)
IB2		
IC4	154 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Cowl Side Panel LH)
ID1	154 (RHD)	Instrument Panel Wire and Floor No.2 Wire (Cowl Side Panel LH)
ID3		
IE2	156 (RHD)	Engine Room Main Wire and Floor No.2 Wire (Left Kick Panel)
II1	156 (RHD)	Front Door RH Wire and Floor Wire (Right Kick Panel)
BA2	158 (RHD)	Rear Door No.2 Wire and Floor No.2 Wire (Left Center Pillar)
BB2	158 (RHD)	Rear Door No.1 Wire and Floor Wire (Right Center Pillar)
BC1	158 (RHD)	Floor No.2 Wire and Floor Wire (Rear Floor Partition Panel LH)
BE1	158 (RHD)	Floor No.2 Wire and Floor Wire (Lower Back Panel RH)

: GROUND POINTS

Code	See Page	Ground Points Location
IH	154 (RHD)	Left Side of Shift Lever
IK	154 (RHD)	Right Side of Instrument Panel
BM	158 (RHD)	Quarter Panel LH

