

SYSTEM OUTLINE

When the light control SW is set at AUTO, the automatic light control system automatically turns on or off the taillights and headlights depending on the brightness around the vehicle.

AUTOMATIC LIGHT CONTROL OPERATION

The automatic light control sensor converts the intensity of the illumination into frequency and inputs it to the theft deterrent ECU. When the light control SW is set at AUTO, the signal is input to TERMINAL A of the theft deterrent ECU. Through communication control of the body ECU etc., the taillights and headlights are automatically turned on or off.

* Turn on operation

When the theft deterrent ECU receives the frequency signal from the automatic light control sensor and determines that the brightness around the vehicle has decreased below a specified level, TERMINAL TAIL and HEAD of the theft deterrent ECU are controlled through communication control of the body ECU etc. As a result, the taillights and/or headlights light up as the TAIL relay and/or HEAD LP relay are turned on.

* Turn off operation

When the theft deterrent ECU receives the frequency signal from the automatic light control sensor and determines that the brightness around the vehicle has exceeded a specified level, TERMINAL TAIL and HEAD of the theft deterrent ECU are controlled through communication control of the body ECU etc. As a result, the taillights and/or headlights go off as the TAIL relay and/or HEAD LP relay are turned off.

Additionally, when the ignition SW is changed from ON to OFF and driver door is opened, and then closed with the taillights and headlights lit (The automatic light control is functioning), the taillights and headlights are turned off in the same manner as the light auto turn off operation.

SERVICE HINTS

C14 (A), (B) LIGHT CONTROL SW [COMB. SW]

(A)12–(A)16, (B)14–(B)17 : Closed with light control SW at **AUTO** position

D8 DOOR COURTESY SW FRONT RH

1–GROUND : Closed with driver door open

: PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
A31	106 (RHD)	C14	B	J9	107 (RHD)
B6	A	D2	106 (RHD)	R7	107 (RHD)
B7	B	D8	108 (RHD)	T4	A
C14	A	J5	107 (RHD)	T5	B

: RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
1	81 (RHD)	Engine Room No.1 R/B (Engine Compartment Left)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	88 (RHD)	Engine Room Main Wire and Driver Side J/B (Right Kick Panel)
1B		
1C		
1F	88 (RHD)	Instrument Panel Wire and Driver Side J/B (Right Kick Panel)
1G		
1I		
1L	88 (RHD)	Floor Wire and Driver Side J/B (Right Kick Panel)
2D	90 (RHD)	Instrument Panel Wire and Passenger Side J/B (Left Kick Panel)
2G	90 (RHD)	Engine Room Main Wire and Passenger Side J/B (Left Kick Panel)
2L	90 (RHD)	Instrument Panel Wire and Passenger Side J/B (Left Kick Panel)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IE1	126 (RHD)	Instrument Panel No.2 Wire and Instrument Panel Wire (Right Side of the Instrument Panel)

AUTOMATIC LIGHT CONTROL (RHD)



: GROUND POINTS

Code	See Page	Ground Points Location
EC	122 (RHD)	Left Fender Apron
ID	124 (RHD)	Cowl Side Panel LH
IF	124 (RHD)	Cowl Side Panel RH
BL	128 (RHD)	Front Floor Panel RH

