

SYSTEM OUTLINE

This system automatically turns off the taillights and/or headlights when the driver door is opened and closed to prevent the lights from remaining lit.

LIGHT AUTO TURN OFF OPERATION

* Taillights ON

If the ignition SW is turned from ON to OFF with the taillights turned on (The light control SW is set at TAIL), the signal is input to **TERMINAL IG** of the body ECU No.2. At this time, if the driver door is opened, the signal is input from the door courtesy SW front LH to **TERMINAL CTY** of the driver door ECU. After that, **TERMINAL TRLY** of the body ECU No.2 is controlled through communication control of the body ECU and door ECU etc. to turn off the tail relay. As a result, the current flowing into the taillights is cut off to turn off the taillights.

* Taillights and headlights ON

If the ignition SW is turned from ON to OFF with the taillights and headlights turned on (The light control SW is set at HEAD), the signal is input to **TERMINAL IG** of the body ECU No.2. At this time, if any door is opened, the signal is input from the door courtesy SW to **TERMINAL CTY** of the door ECU. During this operation, the taillights and headlights are remained lit. When all doors and the luggage door are closed, the taillights and headlights are turned on for **30 sec.** through communication control of the body ECU and door ECU. After the set time has elapsed, a signal is input to **TERMINAL TRLY** and **HRLY** of the body ECU No.2, to turn off the tail relay and HEAD LP relay. As a result, the current flowing into the taillights and headlights is cut off to turn off the taillights and headlights.

If any door is opened during above operation, the taillights and headlights light up for **30 sec.** again, and then go off after all the doors have been closed.

Additionally, if the vehicle is locked using the wireless door lock operation while the taillights and headlights are being turned on for **30 sec.**, the taillights and headlights go off immediately.

SERVICE HINTS

C13 COMBINATION SW

15-16 : Closed with light control SW at **TAIL** or **HEAD** position

14-16 : Closed with light control SW at **HEAD** position

13-16 : Closed with light control SW at **AUTO** position

W6 WIRELESS DOOR LOCK ECU

7-GROUND : Always approx. **12 volts**

1-GROUND : Always continuity

D8, D9, D10, D11 DOOR COURTESY SW FRONT LH, RH, REAR LH, RH

1-2 : Closed with door open

D19 (B) DRIVER DOOR ECU

15-14 : Continuity with driver door open

F12 (B) FRONT PASSENGER DOOR ECU

15-14 : Continuity with front passenger door open

R13 REAR DOOR LH ECU

8-18 : Continuity with rear LH door open

R14 REAR DOOR RH ECU

8-18 : Continuity with rear RH door open

LIGHT AUTO TURN OFF (LHD)

: PARTS LOCATION

Code		See Page	Code		See Page	Code	See Page
A16		72 (LHD)	D19	B	76 (LHD)	J16	74 (LHD)
B5	A	72 (LHD)	D20	C	76 (LHD)	J18	74 (LHD)
B6	A	72 (LHD)	E5		68 (LHD)	J22	78 (LHD)
C12		72 (LHD)	F11	A	76 (LHD)	M2	74 (LHD)
C13		72 (LHD)	F12	B	76 (LHD)	P19	80 (LHD)
D1		72 (LHD)	F13	C	76 (LHD)	R13	78 (LHD)
D8		76 (LHD)	J7		74 (LHD)	R14	78 (LHD)
D9		76 (LHD)	J8		74 (LHD)	T5	74 (LHD)
D10		76 (LHD)	J10		74 (LHD)	W6	78 (LHD)
D11		76 (LHD)	J13		74 (LHD)		
D18	A	76 (LHD)	J15		74 (LHD)		

: RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
1	54 (LHD)	Engine Room No.1 R/B (Engine Compartment Right)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	58 (LHD)	Engine Room Main Wire and Driver Side J/B (Left Kick Panel)
1E	58 (LHD)	Floor No.2 Wire and Driver Side J/B (Left Kick Panel)
1F	58 (LHD)	Cowl Wire and Driver Side J/B (Left Kick Panel)
1G	59 (LHD)	
1H		
2B	60 (LHD)	
2E	60 (LHD)	Floor No.1 Wire and Passenger Side J/B (Right Kick Panel)
2F	60 (LHD)	Cowl Wire and Passenger Side J/B (Right Kick Panel)
2G	61 (LHD)	
2H		

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	98 (LHD)	Front Door LH Wire and Cowl Wire (Left Kick Panel)
IC2	98 (LHD)	Floor No.2 Wire and Cowl Wire (Left Kick Panel)
IE1	98 (LHD)	Instrument Panel Wire and Cowl Wire (Left Side of the Steering Column)
II2	100 (LHD)	Engine Room Main Wire and Cowl Wire (Near the Passenger Side R/B)
IJ1	100 (LHD)	Instrument Panel Wire and Cowl Wire (Left Side of the Blower Unit)
IK1	100 (LHD)	Front Door RH Wire and Cowl Wire (Right Kick Panel)
IL1	100 (LHD)	Floor No.1 Wire and Cowl Wire (Right Kick Panel)
IL3		
BA1	102 (LHD)	Rear Door LH Wire and Floor No.2 Wire (Under the Center Pillar LH)
BB1	102 (LHD)	Rear Door RH Wire and Floor No.1 Wire (Under the Center Pillar RH)
BC1	104 (LHD)	Floor No.2 Wire and Front Seat LH Wire (Under the Driver's Seat)

: GROUND POINTS

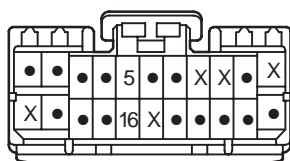
Code	See Page	Ground Points Location
IF	98 (LHD)	Left Kick Panel
II	98 (LHD)	Right Side of the Cowl Panel
BJ	102 (LHD)	Rear Floor Partition Panel LH
BL	102 (LHD)	Rear Floor Partition Panel RH
BM	102 (LHD)	Quarter Panel RH



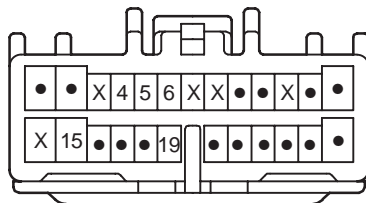
: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I6	100 (LHD)	Cowl Wire			

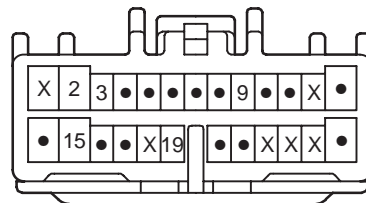
A16



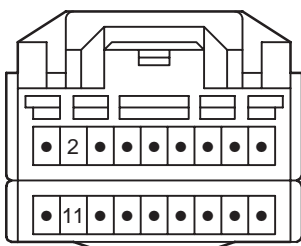
B5 (A)



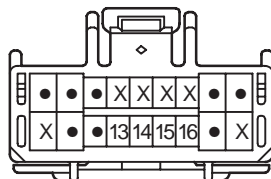
B6 (A)



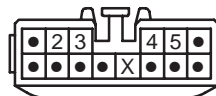
C12



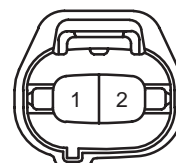
C13



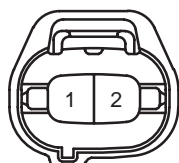
D1 BLUE



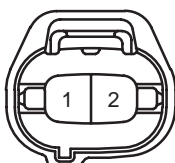
D8 GRAY



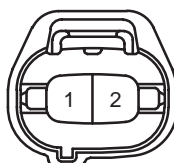
D9 GRAY



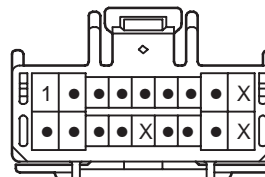
D10 GRAY



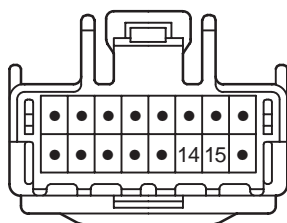
D11 GRAY



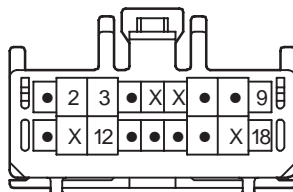
D18 (A) GRAY



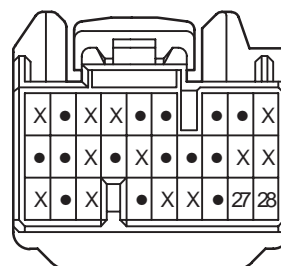
D19 (B) GRAY



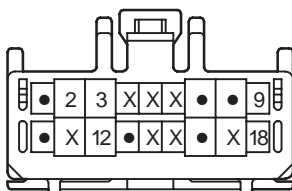
D20 (C) GRAY



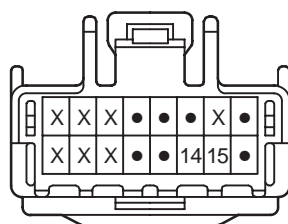
E5



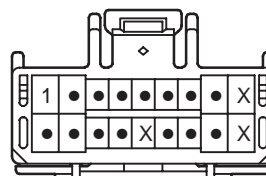
F11 (A) GRAY



F12 (B) GRAY

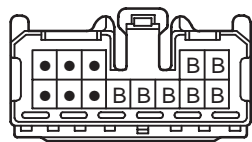


F13 (C) GRAY



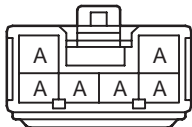
LIGHT AUTO TURN OFF (LHD)

J7 GRAY



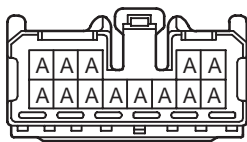
(Hint : See Page 7, 23, 39)

J8



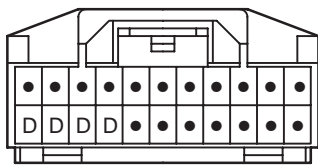
(Hint : See Page 7, 23, 39)

J10 ORANGE



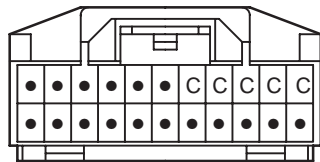
(Hint : See Page 7, 23, 39)

J13



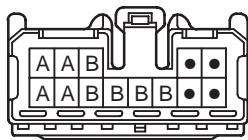
(Hint : See Page 7, 23, 39)

J15



(Hint : See Page 7, 23, 39)

J16



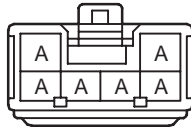
(Hint : See Page 7, 23, 39)

J18



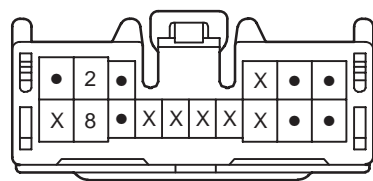
(Hint : See Page 7, 23, 39)

J22

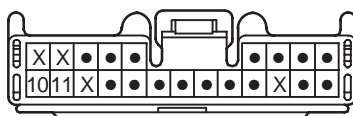


(Hint : See Page 7, 23, 39)

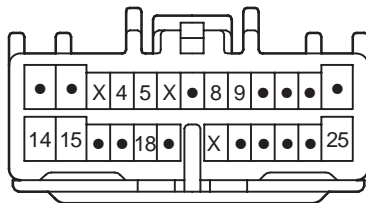
M2 BLUE



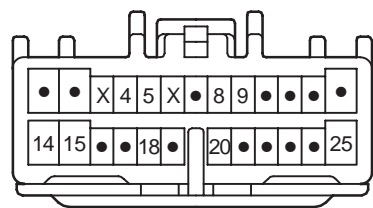
P19



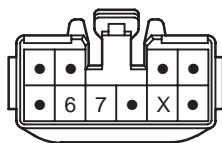
R13



R14



T5 GRAY



W6

