

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 RH 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 (A), (B) COMBINATION SW

(A) 15-(A) 16, (B) 15-(B) 9 : Closed with light control SW at **TAIL** or **HEAD** position

(A) 14-(A) 16, (B) 14-(B) 9 : Closed with light control SW at **HEAD** position

(A) 13-(A) 16, (B) 13-(B) 9 : 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 (RHD)

: PARTS LOCATION

Code		See Page	Code		See Page	Code	See Page
A16		86 (RHD)	D19	B	90 (RHD)	J41	88 (RHD)
B5	A	86 (RHD)	D20	C	90 (RHD)	J42	88 (RHD)
B6	A	86 (RHD)	E5		82 (RHD)	J45	90 (RHD)
C12		86 (RHD)	F11	A	90 (RHD)	M2	88 (RHD)
C13	A	86 (RHD)	F12	B	90 (RHD)	P19	94 (RHD)
	B	86 (RHD)	F13	C	90 (RHD)	R13	92 (RHD)
D8		90 (RHD)	J31		88 (RHD)	R14	92 (RHD)
D9		90 (RHD)	J32		88 (RHD)	T5	88 (RHD)
D10		90 (RHD)	J37		88 (RHD)	W6	92 (RHD)
D11		90 (RHD)	J38		88 (RHD)		
D18	A	90 (RHD)	J40		88 (RHD)		

: RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
1	54 (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	58 (RHD)	Engine Room Main Wire and Driver Side J/B (Right Kick Panel)
1E	58 (RHD)	Floor No.1 Wire and Driver Side J/B (Right Kick Panel)
1F	58 (RHD)	Cowl Wire and Driver Side J/B (Right Kick Panel)
1G	59 (RHD)	
1H		
2B	60 (RHD)	
2E	60 (RHD)	Floor No.2 Wire and Passenger Side J/B (Left Kick Panel)
2F	60 (RHD)	Cowl Wire and Passenger Side J/B (Left Kick Panel)
2G	61 (RHD)	
2H		

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

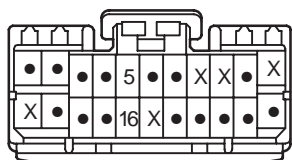
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA2	108 (RHD)	Engine Room Main Wire and Cowl Wire (Near the Passenger Side R/B)
IB1	108 (RHD)	Front Door LH Wire and Cowl Wire (Left Kick Panel)
IC2	108 (RHD)	Floor No.2 Wire and Cowl Wire (Left Kick Panel)
IC3		
ID1	108 (RHD)	Instrument Panel Wire and Cowl Wire (Right Side of the Blower Unit)
IJ1	110 (RHD)	Instrument Panel Wire and Cowl Wire (Right Side of the Steering Column)
IL1	110 (RHD)	Front Door RH Wire and Cowl Wire (Right Kick Panel)
IM1	110 (RHD)	Floor No.1 Wire and Cowl Wire (Right Kick Panel)
IM3		
BA1	112 (RHD)	Rear Door LH Wire and Floor No.2 Wire (Under the Center Pillar LH)
BB1	112 (RHD)	Rear Door RH Wire and Floor No.1 Wire (Under the Center Pillar RH)
BC1	114 (RHD)	Floor No.2 Wire and Front Seat LH Wire (Under the Front Passenger's Seat)
BD1	114 (RHD)	Floor No.1 Wire and Front Seat RH Wire (Under the Driver's Seat)



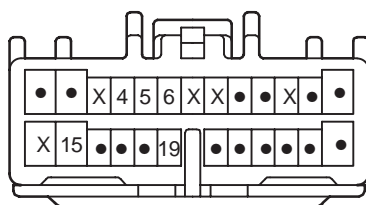
: GROUND POINTS

Code	See Page	Ground Points Location
IF	108 (RHD)	Left Kick Panel
IG	108 (RHD)	Behind the Combination Meter
II	108 (RHD)	Cowl Side Panel RH
BJ	112 (RHD)	Rear Floor Partition Panel LH
BL	112 (RHD)	Rear Floor Partition Panel RH
BM	112 (RHD)	Quarter Panel RH

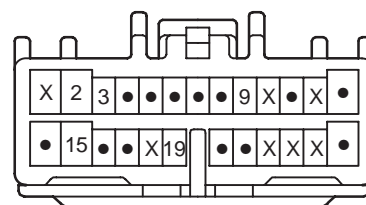
A16



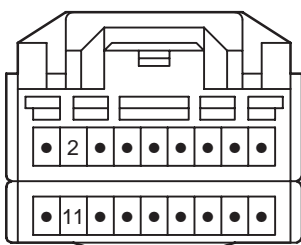
B5 (A)



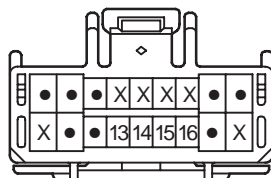
B6 (A)



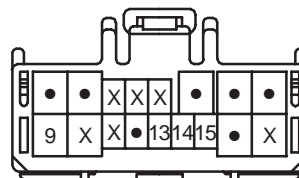
C12



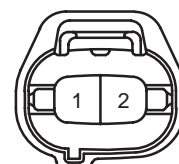
(Europe) C13 (A)



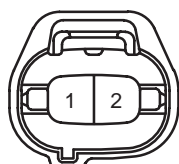
(Australia) C13 (B)



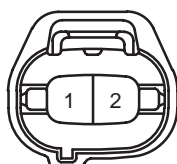
D8 GRAY



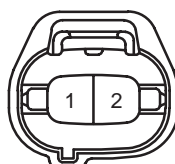
D9 GRAY



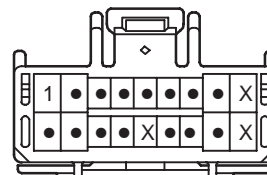
D10 GRAY



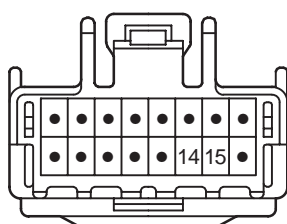
D11 GRAY



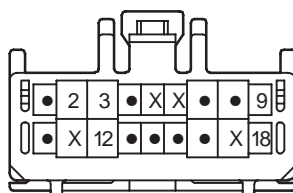
D18 (A) GRAY



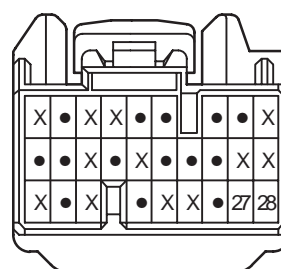
D19 (B) GRAY



D20 (C) GRAY

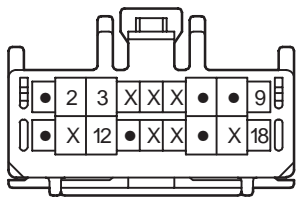


E5

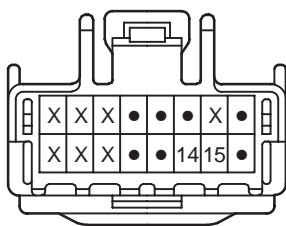


LIGHT AUTO TURN OFF (RHD)

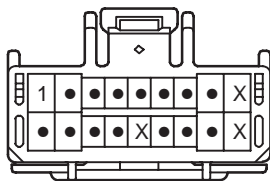
F11 (A) GRAY



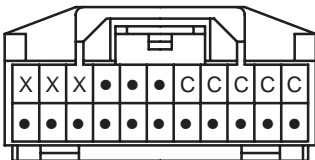
F12 (B) GRAY



F13 (C) GRAY

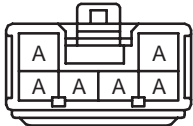


J31



(Hint : See Page 7, 23, 39)

J32



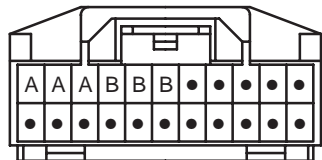
(Hint : See Page 7, 23, 39)

J37



(Hint : See Page 7, 23, 39)

J38



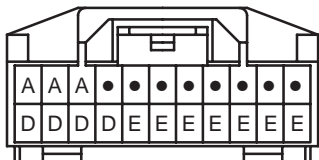
(Hint : See Page 7, 23, 39)

J40 GRAY



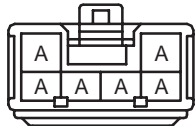
(Hint : See Page 7, 23, 39)

J41



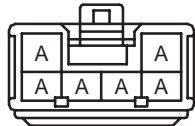
(Hint : See Page 7, 23, 39)

J42



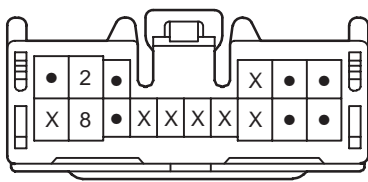
(Hint : See Page 7, 23, 39)

J45

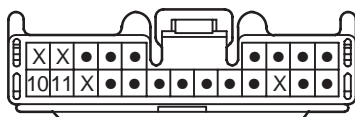


(Hint : See Page 7, 23, 39)

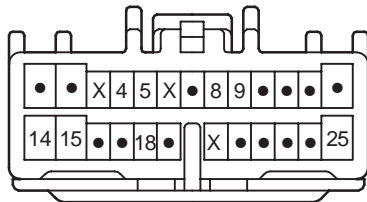
M2 BLUE



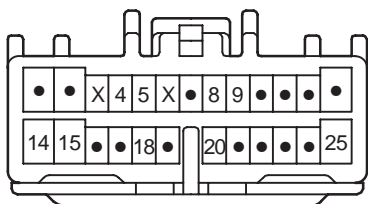
P19



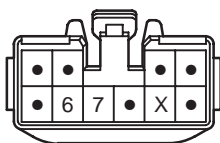
R13



R14



T5 GRAY



W6

