

SYSTEM OUTLINE

When the light control SW is set at AUTO position, this system automatically turns ON/OFF the taillights and headlights depending on the brightness around the vehicle.

AUTOMATIC LIGHT CONTROL OPERATION

(1) Turn on operation

- * With the ignition SW turned on, and the light control SW set at AUTO position, when the brightness around the vehicle drops in between a predetermined level, the timer of the automatic light control sensor starts counting, and turns on the taillight and headlight after approx. 5.8 seconds have elapsed. In case the brightness around the vehicle increases over a predetermined level during timer counting, the timer will be reset.
- * With the ignition SW turned on and the light control SW set at AUTO position, when the brightness around the vehicle drops below a predetermined level, the timer of the automatic light control sensor starts counting, and turns on the taillight and headlight after approx. 2.9 seconds have elapsed. In case the brightness around the vehicle increases in between a predetermined level during timer counting, the timer will be stopped, and when the brightness increases over a predetermined level, the timer will be reset.

(2) Turn off operation

- * When the brightness increases over a predetermined level while the automatic light control system is operating, the timer of the automatic light control sensor starts counting, and turns off the taillight and headlight after approx. 5.8 seconds have elapsed. In case the brightness around the vehicle drops below a predetermined level during timer counting, the timer will be reset.
- * The taillights and headlights will be turned off when the ignition SW is turned from on to off and driver door is opened, during automatic light control system operation, with the light control SW set at AUTO position.

SERVICE HINTS

A32 AUTOMATIC LIGHT CONTROL SENSOR

- 1-GROUND : Approx. 12 volts with ignition SW at **ON** or **ST** position
- 2-GROUND : Always approx. 12 volts
- 3-GROUND : Continuity with driver door open
- 6-GROUND : Continuity with light control SW at **AUTO** position

: PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
A32	38	J3	39	J21	39
C18	38	J4	39	J24	39
D19	40	J5	39	J30	39
F7	36	J20	39		

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1D	21	Engine Room No.2 Wire and Engine Room J/B (Engine Compartment Left)
1E		
1N	21	Engine Room No.3 Wire and Engine Room J/B (Engine Compartment Left)
2B	24	Dash Wire and Cowl Side J/B LH (Left Kick Panel)
2G	24	Engine Room No.2 Wire and Cowl Side J/B LH (Left Kick Panel)
2N	24	Floor Wire and Cowl Side J/B LH (Left Kick Panel)
2P	26	Instrument Panel Integration Wire and Cowl Side J/B LH (Left Kick Panel)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EG1	44	Engine Room No.2 Wire and Engine Room No.3 Wire (Under the Engine Room J/B)
IG1	48	Engine Room No.2 Wire and Dash Wire (Behind the Combination Meter)
IH1	48	Instrument Panel Integration Wire and Column Wire (Near the Ignition SW)
IM1	50	Instrument Panel Integration Wire and Instrument Panel No.3 Wire (Right Side of Instrument Panel)
IU2	50	Instrument Panel Integration Wire and Dash Wire (Behind the Glove Box)
IU4		
IW1	52	Engine Room No.2 Wire and Dash Wire (Behind the Glove Box)

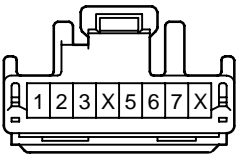
AUTOMATIC LIGHT CONTROL



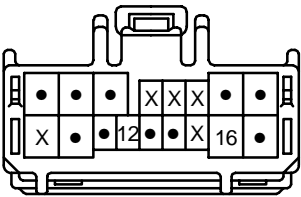
: GROUND POINTS

Code	See Page	Ground Points Location
IF	46	Set Bolt of Cowl Side J/B LH

A32
BLACK



C18



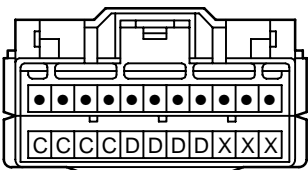
D19



F7

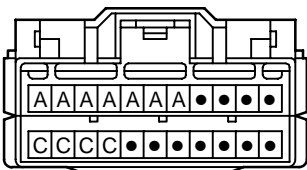
(See Page 34)

J3
GRAY



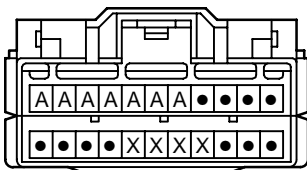
(Hint : See Page 7)

J4



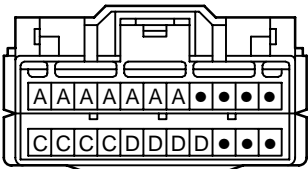
(Hint : See Page 7)

J5
GRAY



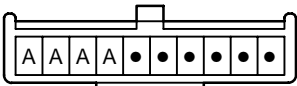
(Hint : See Page 7)

J20
GRAY



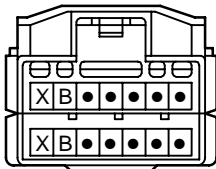
(Hint : See Page 7)

J21
BLUE



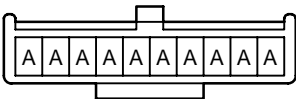
(Hint : See Page 7)

J24
GRAY



(Hint : See Page 7)

J30
BLUE



(Hint : See Page 7)

