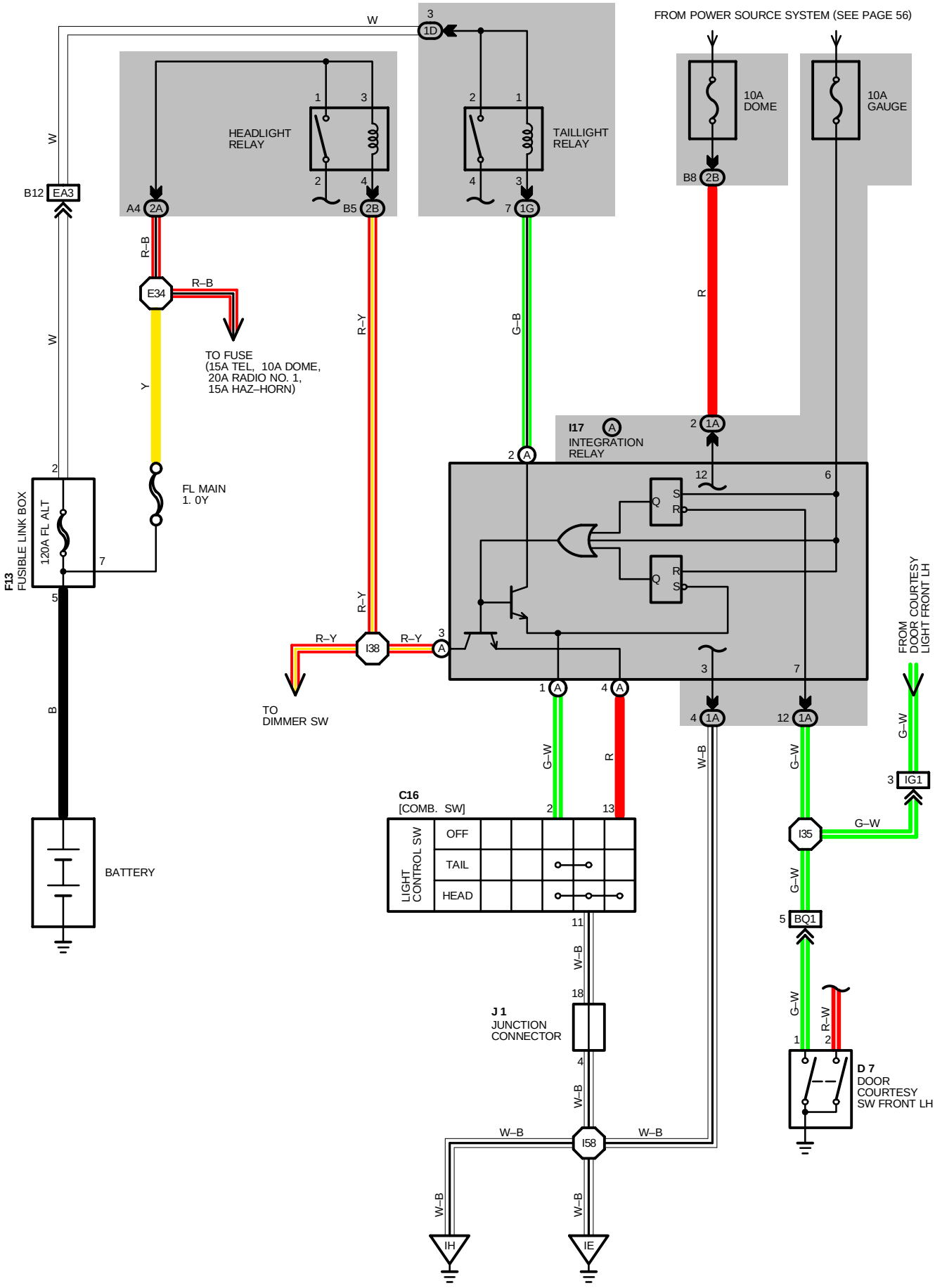
LIGHT AUTO TURN OFF



SYSTEM OUTLINE

WITH THE IGNITION SW TURNED ON, THE CURRENT FLOWS TO **TERMINAL 6** OF THE INTEGRATION RELAY (LIGHT RETAINER RELAY) THROUGH GAUGE FUSE.

VOLTAGE IS APPLIED AT ALL TIMES TO **TERMINAL (A) 2** OF THE INTEGRATION RELAY (LIGHT RETAINER RELAY) THROUGH THE TAILLIGHT RELAY COIL, AND TO **TERMINAL (A) 3** THROUGH THE HEADLIGHT RELAY COIL.

1. NORMAL LIGHTING OPERATION

<TURN TAILLIGHT ON>

WITH LIGHT CONTROL SW TURNED TO **TAILLIGHT** POSITION, A SIGNAL IS INPUT INTO **TERMINAL (A) 1** OF THE INTEGRATION RELAY (LIGHT RETAINER RELAY). ACCORDING TO THIS SIGNAL, THE CURRENT FLOWING TO **TERMINAL (A) 2** OF THE RELAY FLOWS TO **TERMINAL (A) 1** → **TERMINAL 2** OF THE LIGHT CONTROL SW → **TERMINAL 11** → TO **GROUND** AND TAILLIGHT RELAY CAUSES TAILLIGHT TO TURN ON.

<TURN HEADLIGHT ON>

WITH LIGHT CONTROL SW TURNED TO **HEADLIGHT** POSITION, A SIGNAL IS INPUT INTO **TERMINALS (A) 1** AND **(A) 4** OF THE INTEGRATION RELAY (LIGHT RETAINER RELAY). ACCORDING TO THIS SIGNAL, THE CURRENT FLOWING TO **TERMINAL (A) 3** OF THE RELAY FLOWS TO **TERMINAL (A) 4** → **TERMINAL 13** OF THE LIGHT CONTROL SW → **TERMINAL 11** → TO **GROUND** IN THE HEADLIGHT CIRCUIT, AND CAUSES TAILLIGHT AND HEADLIGHT RELAY TO TURN THE LIGHT ON. THE TAILLIGHT CIRCUIT IS SAME AS ABOVE.

2. LIGHT AUTO TURN OFF OPERATION

WITH LIGHTS ON AND IGNITION SW TURNED OFF (INPUT SIGNAL GOES TO **TERMINAL 6** OF THE RELAY), WHEN DOOR ON DRIVER'S SIDE IS OPENED (INPUT SIGNAL GOES TO **TERMINAL 7** OF THE RELAY), THE RELAY OPERATES AND THE CURRENT IS CUT OFF WHICH FLOWS FROM **TERMINAL (A) 2** OF THE RELAY TO **TERMINAL (A) 1** IN TAILLIGHT CIRCUIT AND FROM **TERMINAL (A) 3** TO **TERMINAL (A) 4** IN HEADLIGHT CIRCUIT.

AS A RESULT, ALL LIGHTS ARE TURNED OFF AUTOMATICALLY.

SERVICE HINTS

HEADLIGHT RELAY
1–2 : CLOSED WITH LIGHT CONTROL SW AT **HEAD** POSITION OR DIMMER SW AT **FLASH** POSITION

TAILLIGHT RELAY
2–4 : CLOSED WITH LIGHT CONTROL SW AT **TAIL** OR **HEAD** POSITION

D 7 DOOR COURTESY SW FRONT LH
1–GROUND : CONTINUITY WITH FRONT LH DOOR OPEN

I17 INTEGRATION RELAY
6–GROUND : APPROX. **12** VOLTS WITH IGNITION SW AT **ON** POSITION
7–GROUND : CONTINUITY WITH FRONT LH DOOR OPEN
3–GROUND : ALWAYS CONTINUITY
(A) 2–GROUND : ALWAYS APPROX. **12** VOLTS
(A) 3–GROUND : ALWAYS APPROX. **12** VOLTS
(A) 4–GROUND : CONTINUITY WITH LIGHT CONTROL SW AT **HEAD** POSITION
(A) 1–GROUND : CONTINUITY WITH LIGHT CONTROL SW AT **TAIL** OR **HEAD** POSITION

○ : PARTS LOCATION

CODE	SEE PAGE	CODE	SEE PAGE	CODE	SEE PAGE
C16	26	**F13**	24	**J 1**	27
D 7	28	**I17**	26		

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

CODE	SEE PAGE	JUNCTION BLOCK AND WIRE HARNESS (CONNECTOR LOCATION)
1A	18	COWL WIRE AND J/B NO.1 (LEFT SIDE OF STEERING COLUMN TUBE)
1D		
1G		
2A	20	ENGINE ROOM MAIN WIRE AND J/B NO.2 (ENGINE COMPARTMENT LEFT)
2B	20	COWL WIRE AND J/B NO.2 (ENGINE COMPARTMENT LEFT)

▭ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

CODE	SEE PAGE	JOINING WIRE HARNESS AND WIRE HARNESS (CONNECTOR LOCATION)
EA3	32	COWL WIRE AND ENGINE ROOM MAIN WIRE (INSIDE OF J/B NO.2)
IG1	34	FRONT DOOR LH WIRE AND COWL WIRE (LEFT KICK PANEL)
BQ1	38	COWL WIRE AND FLOOR NO.2 WIRE (LEFT KICK PANEL)

LIGHT AUTO TURN OFF

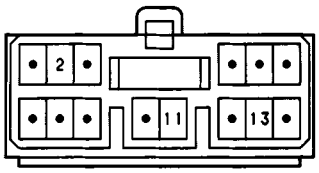
: GROUND POINTS

CODE	SEE PAGE	GROUND POINTS LOCATION
IE	34	LEFT KICK PANEL
IH	34	RIGHT KICK PANEL

: SPLICE POINTS

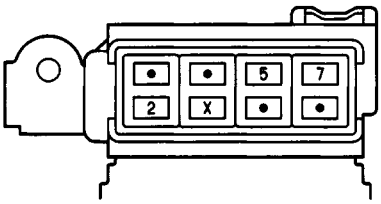
CODE	SEE PAGE	WIRE HARNESS WITH SPLICE POINTS	CODE	SEE PAGE	WIRE HARNESS WITH SPLICE POINTS
E 34	32	ENGINE ROOM MAIN WIRE	**I 38**	36	COWL WIRE
I 35	36	COWL WIRE	**I 58**		

C16 BLACK

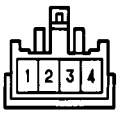


D 7

F13



I17 (A)



J 1