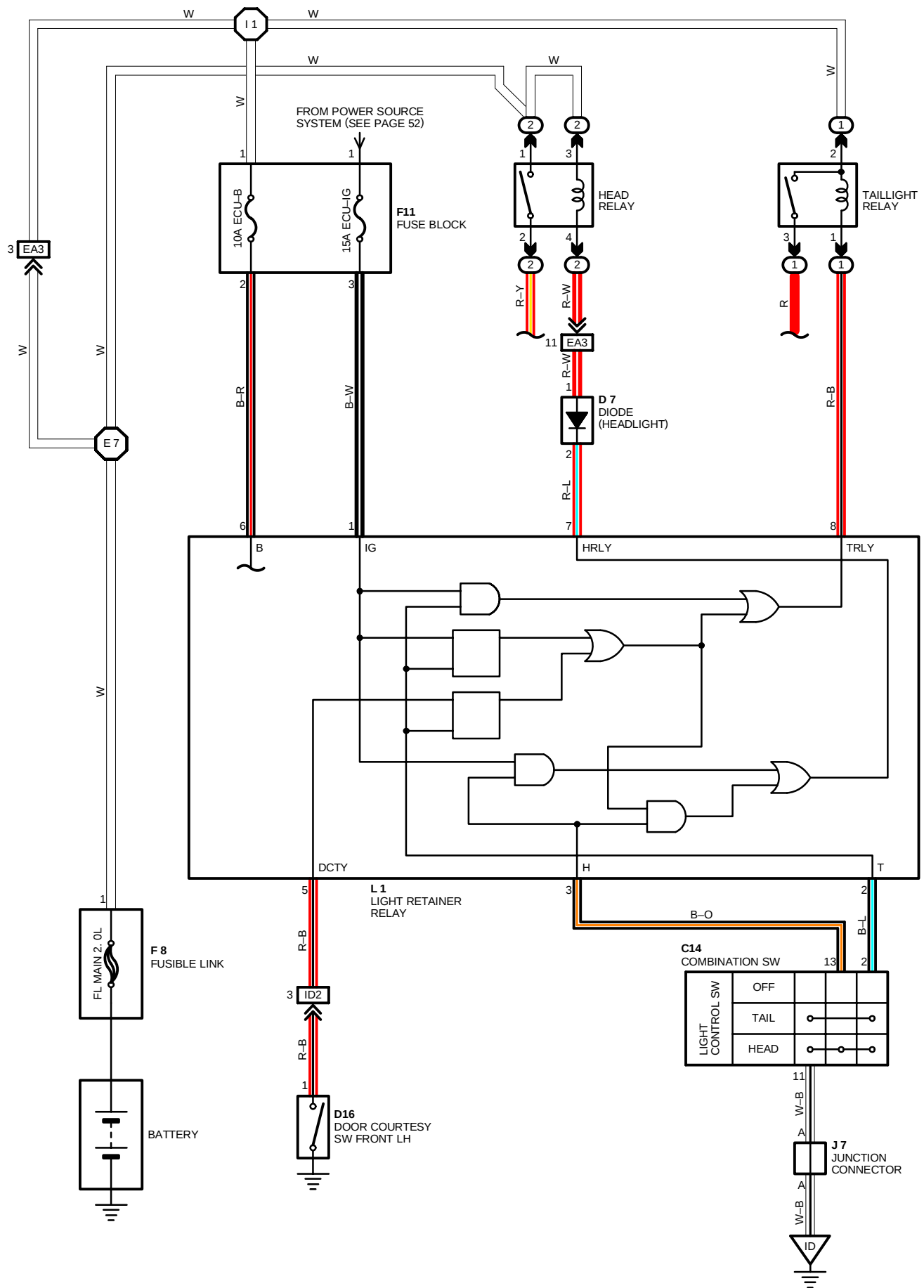


LIGHT AUTO TURN OFF



SYSTEM OUTLINE

WITH THE IGNITION SW TURNED ON, THE CURRENT FLOWS TO **TERMINAL 1** OF THE LIGHT RETAINER RELAY THROUGH **ECU-IG** FUSE. VOLTAGE IS APPLIED AT ALL TIMES TO **TERMINAL 8** OF THE LIGHT RETAINER RELAY THROUGH THE TAILLIGHT RELAY (COIL SIDE), AND TO **TERMINAL 7** OF THE LIGHT RETAINER RELAY THROUGH THE HEAD RELAY (COIL SIDE).

1. NORMAL LIGHTING OPERATION

(TURN TAILLIGHT ON)

WITH THE LIGHT CONTROL SW TURNED TO TAIL POSITION, A SIGNAL IS INPUT INTO **TERMINAL 2** OF THE LIGHT RETAINER RELAY. ACCORDING TO THIS SIGNAL, THE CURRENT FLOW TO **TERMINAL 8** OF THE RELAY FLOWS THROUGH **TERMINAL 2** TO **TERMINAL 2** OF THE LIGHT CONTROL SW → **TERMINAL 11** → **GROUND**, CAUSING TAILLIGHTS TO TURN ON.

(TURN HEADLIGHT ON)

WITH THE LIGHT CONTROL SW TURNED TO **HEAD** POSITION, A SIGNAL IS INPUT INTO **TERMINAL 3** OF THE LIGHT RETAINER RELAY. ACCORDING TO THIS SIGNAL, THE CURRENT FLOW TO **TERMINAL 7** OF THE RELAY FLOWS THROUGH **TERMINAL 3** TO **TERMINAL 13** OF THE LIGHT CONTROL SW → **TERMINAL 11** → **GROUND**, CAUSING HEADLIGHTS AND TAILLIGHTS TO TURN ON. THE TAILLIGHT CIRCUIT IS SAME AS ABOVE (SEE <TURN TAILLIGHT ON>.).

2. LIGHT AUTO TURN OFF OPERATION

WITH LIGHTS ON AND THE IGNITION SW TURNED OFF (INPUT SIGNAL GOES TO **TERMINAL 1** OF THE LIGHT RETAINER RELAY), WHEN THE DOOR OF DRIVER'S SIDE IS OPENED (INPUT SIGNAL GOES TO **TERMINAL 5** OF THE LIGHT RETAINER RELAY), THE RELAY OPERATES, AND THE CURRENT IS CUT OFF WHICH FLOWS FROM **TERMINAL 8** OF THE RELAY TO **TERMINAL 2** AND FROM **TERMINAL 7** TO **TERMINAL 3**. AS A RESULT, ALL LIGHTS ARE TURNED OFF AUTOMATICALLY.

SERVICE HINTS

L 1 INTEGRATION RELAY

- 1-GROUND : APPROX. **12** VOLTS WITH THE IGNITION SW AT **ON** POSITION
- 6-GROUND : ALWAYS APPROX. **12** VOLTS
- 5-GROUND : CONTINUITY WITH DRIVER'S DOOR OPEN
- 7-GROUND : ALWAYS APPROX. **12** VOLTS
- 8-GROUND : ALWAYS APPROX. **12** VOLTS
- 3-GROUND : CONTINUITY WITH THE LIGHT CONTROL SW AT **HEAD** POSITION
- 2-GROUND : CONTINUITY WITH THE LIGHT CONTROL SW AT **TAIL** OR **HEAD** POSITION

○ : PARTS LOCATION

CODE	SEE PAGE	CODE	SEE PAGE	CODE	SEE PAGE
C14	24	F 8	22	L 1	25
D 7	24	F11	25		
D16	26	J 7	25		

○ : RELAY BLOCKS

CODE	SEE PAGE	RELAY BLOCKS (RELAY BLOCK LOCATION)
1	20	R/B NO. 1 (LEFT KICK PANEL)
2	18	R/B NO. 2 (FRONT SIDE OF LEFT FENDER)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

CODE	SEE PAGE	JOINING WIRE HARNESS AND WIRE HARNESS (CONNECTOR LOCATION)
EA3	30	COWL WIRE AND ENGINE ROOM MAIN WIRE (LEFT FENDER)
ID2	32	COWL WIRE AND FLOOR NO. 1 WIRE (LEFT KICK PANEL)

▽ : GROUND POINTS

CODE	SEE PAGE	GROUND POINTS LOCATION
ID	32	LEFT KICK PANEL

○ : SPLICE POINTS

CODE	SEE PAGE	WIRE HARNESS WITH SPLICE POINTS	CODE	SEE PAGE	WIRE HARNESS WITH SPLICE POINTS
E 7	30	ENGINE ROOM MAIN WIRE	I 1	32	COWL WIRE

LIGHT AUTO TURN OFF

