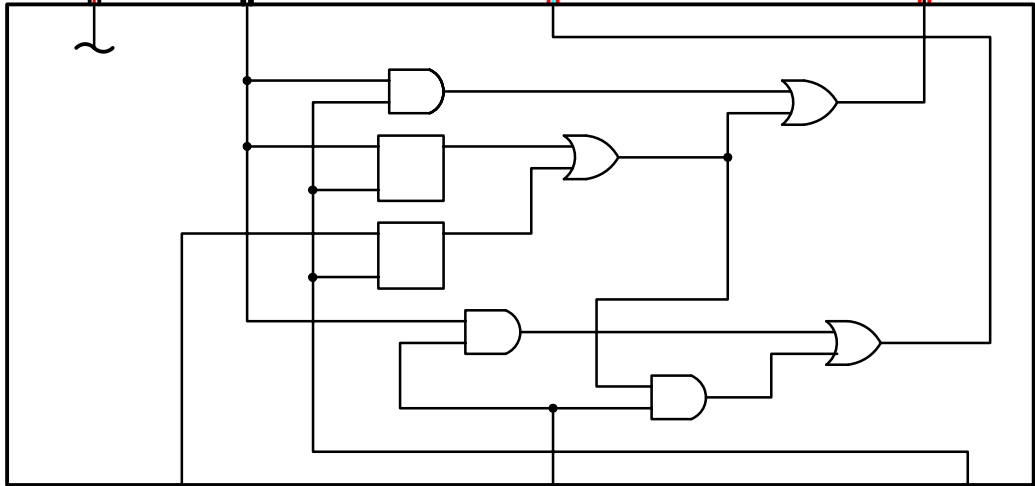




SYSTEM OUTLINE

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 HEADLIGHT RELAY (COIL SIDE).

1. NORMAL LIGHTING OPERATION

<TURN TAILLIGHT ON>

WITH 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 FLOWING TO **TERMINAL 8** OF THE RELAY FLOWS FROM **TERMINAL 2** → **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 **HEAD** POSITION, A SIGNAL IS INPUT INTO **TERMINAL 3** OF THE LIGHT RETAINER RELAY. ACCORDING TO THIS SIGNAL, THE CURRENT FLOWING TO **TERMINAL 7** OF THE RELAY FLOWS TO **TERMINAL 3** → **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 1** OF THE RELAY), WHEN DOOR ON DRIVER'S SIDE IS OPENED (INPUT SIGNAL GOES TO **TERMINAL 5** OF THE RELAY), THE RELAY OPERATES AND THE CURRENT IS CUT OFF WHICH FLOWS FROM **TERMINAL 1** OF THE RELAY TO **TERMINAL 2** IN TAILLIGHT CIRCUIT AND FROM **TERMINAL 7** TO **TERMINAL 3** IN HEADLIGHT CIRCUIT. AS A RESULT, ALL LIGHTS ARE TURNED OFF AUTOMATICALLY.

SERVICE HINTS

L 1 LIGHT RETAINER RELAY

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



: PARTS LOCATION

CODE	SEE PAGE	CODE	SEE PAGE	CODE	SEE PAGE
C14	23	F10	22	J 4	23
D 7	23	F13	23	J 5	23
D12	24	G 2	22	L 1	23



: 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)
EA1	26	COWL WIRE AND ENGINE ROOM MAIN WIRE (LEFT FENDER)
EA3		
ID2	28	COWL WIRE AND FLOOR NO. 2 WIRE (RIGHT KICK PANEL)



: GROUND POINTS

CODE	SEE PAGE	GROUND POINTS LOCATION
ID	28	LEFT KICK PANEL



: SPLICE POINTS

CODE	SEE PAGE	WIRE HARNESS WITH SPLICE POINTS	CODE	SEE PAGE	WIRE HARNESS WITH SPLICE POINTS
E 5	26	ENGINE ROOM MAIN WIRE	I 4	28	COWL WIRE

LIGHT AUTO TURN OFF

