

Master Index	Power Distribution	Ground Distribution	Harness Routing Views	Connector Views
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HEADLIGHTS AND FOG LIGHTS

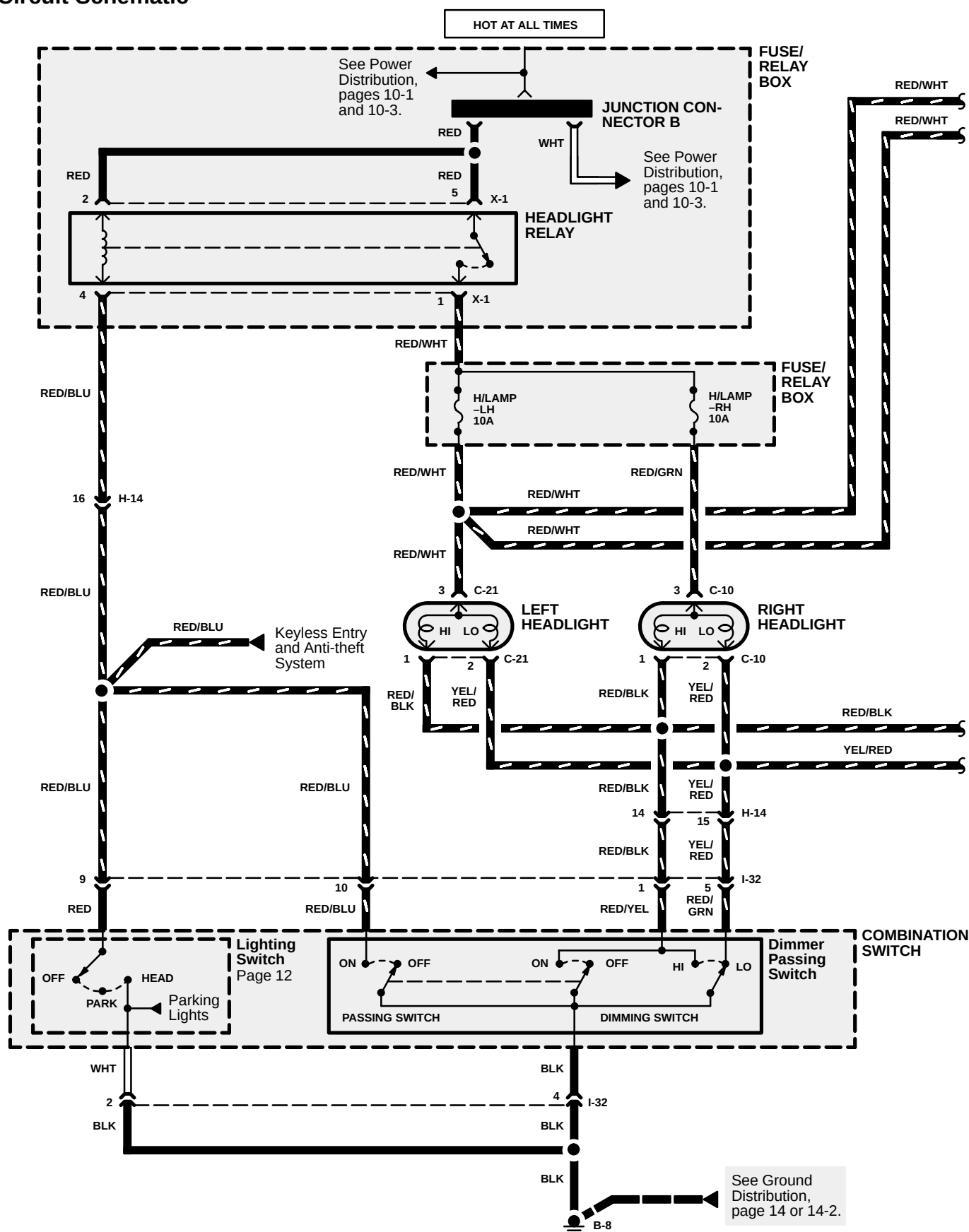
Component Index

- Fog Light Relay
- Fuse/Relay Box
- Headlight Relay

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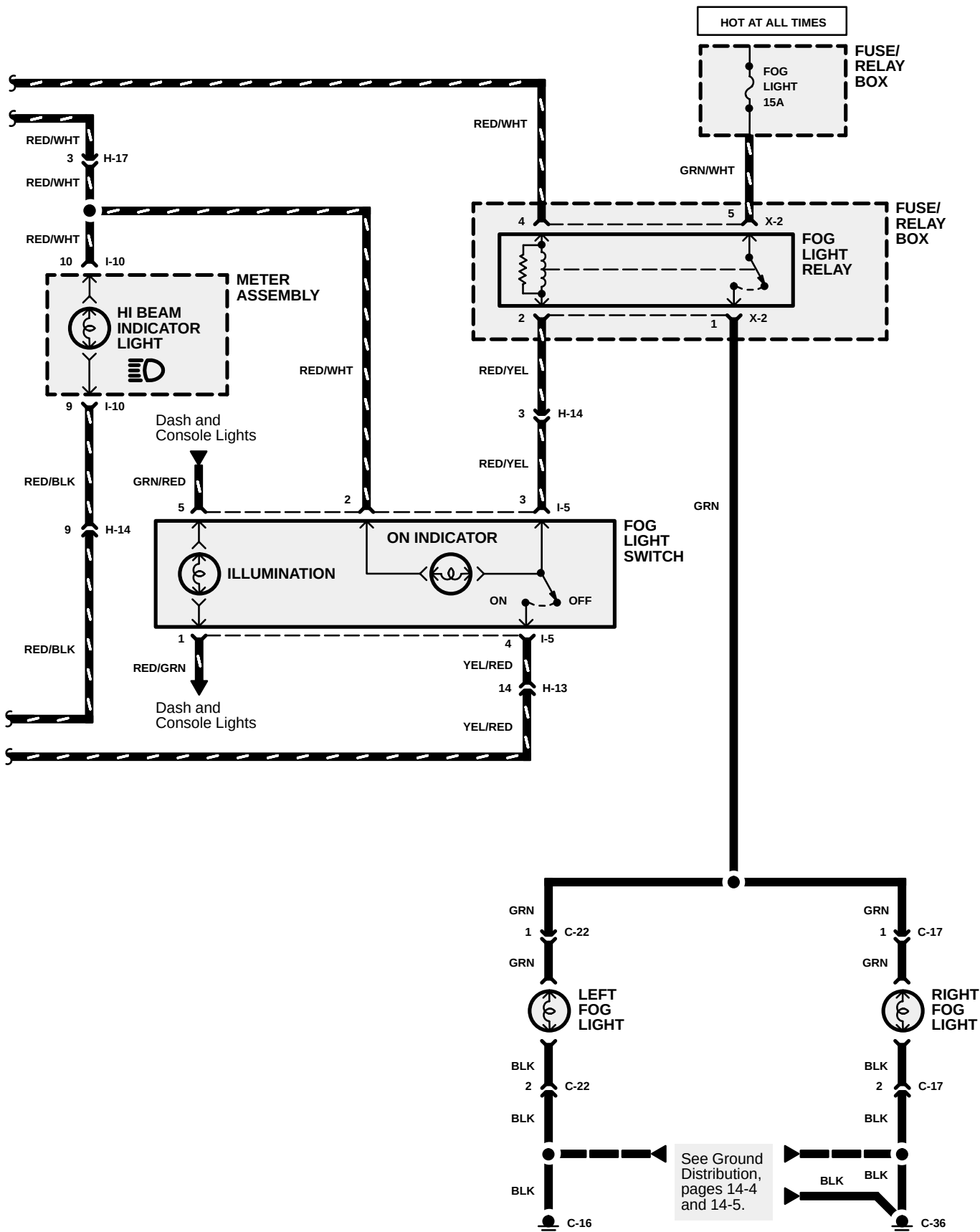
HEADLIGHTS AND FOG LIGHTS

Circuit Schematic



HEADLIGHTS AND FOG LIGHTS

Circuit Schematic



HEADLIGHTS AND FOG LIGHTS

Component Location Index

(Refer to Section 201 for photographs.)

Component	Photo No.
Fog Light Relay	Right side of engine compartment, in fuse/relay box 23
Fuse/Relay Box	Right side of engine compartment, on inner fender panel 20
Headlight Relay	Right side of engine compartment, in fuse/relay box 23
Connector	
C-17 (2-GRY)	Behind left side of front bumper 3
C-22 (2-GRY)	Behind right side of front bumper 3
H-13 (19-WHT)	Below right side of I/P, behind kick panel 75
H-14 (19-BLK)	Below right side of I/P, behind kick panel 75
H-17 (10-BLK) (M/T)	Behind left kick panel 62
H-17 (20-BLK) (A/T)	Behind left kick panel 62
I-10 (10-WHT)	Behind left side of I/P, on rear of meter assembly 70
I-32 (13-BLK)	Behind left side of I/P, on connector bracket 66
J/C B	Right side of engine compartment, in fuse/relay box 24
Ground	
B-8	Below center console 81
C-16	Left rear corner of engine compartment, on inner fender panel 14
C-36	Right rear corner of engine compartment 16

Circuit Operation

Lo Beam Operation

With the lighting switch in HEAD and the dimmer/passing switch in LO, the lighting switch provides a ground path to the headlight relay, and the dimmer/passing switch provides a ground path for the lo beam filaments. The headlight relay energizes and provides battery voltage to the headlights and the lo beams light up.

Hi Beam Operation

With the lighting switch in HEAD and the dimmer/passing switch in HI, the lighting switch provides a ground to the headlight relay and the dimmer/passing switch provides a ground path for the high beam filaments. The headlight relay energizes and provides battery voltage to the headlights and the hi beams light up.

Battery voltage is also applied to the hi beam indicator and the hi beam indicator lights up to remind the driver that the hi beams are on.

Flash To Pass Operation

The flash to pass feature works with the lighting switch in OFF, PARK, or HEAD (lo beams). When the passing switch is turned on, it provides a ground path for both the hi and lo beam filaments and the headlight relay. The headlight relay energizes and applies battery voltage to the headlights and to the hi beam indicator light and the hi and lo beams light up. The hi beam indicator also flashes during the flash to pass operation. The flash to pass function has no effect if the hi beams are already on.

Fog Light Operation

With the lighting switch in HEAD and the dimmer/passing switch in LO, the lighting switch provides a ground path to the headlight relay which provides power through the FOG LIGHT fuse to the fog light relay. A ground path is provided for the fog light relay through the fog light switch and the dimmer/passing switch. When the relay is energized, power is provided to both fog lights and the fog lights light. When the fog light switch is turned off or when the dimmer/passing switch is moved to HI, ground is removed from the fog light relay and the fog lights go out.