

HEADLIGHTS

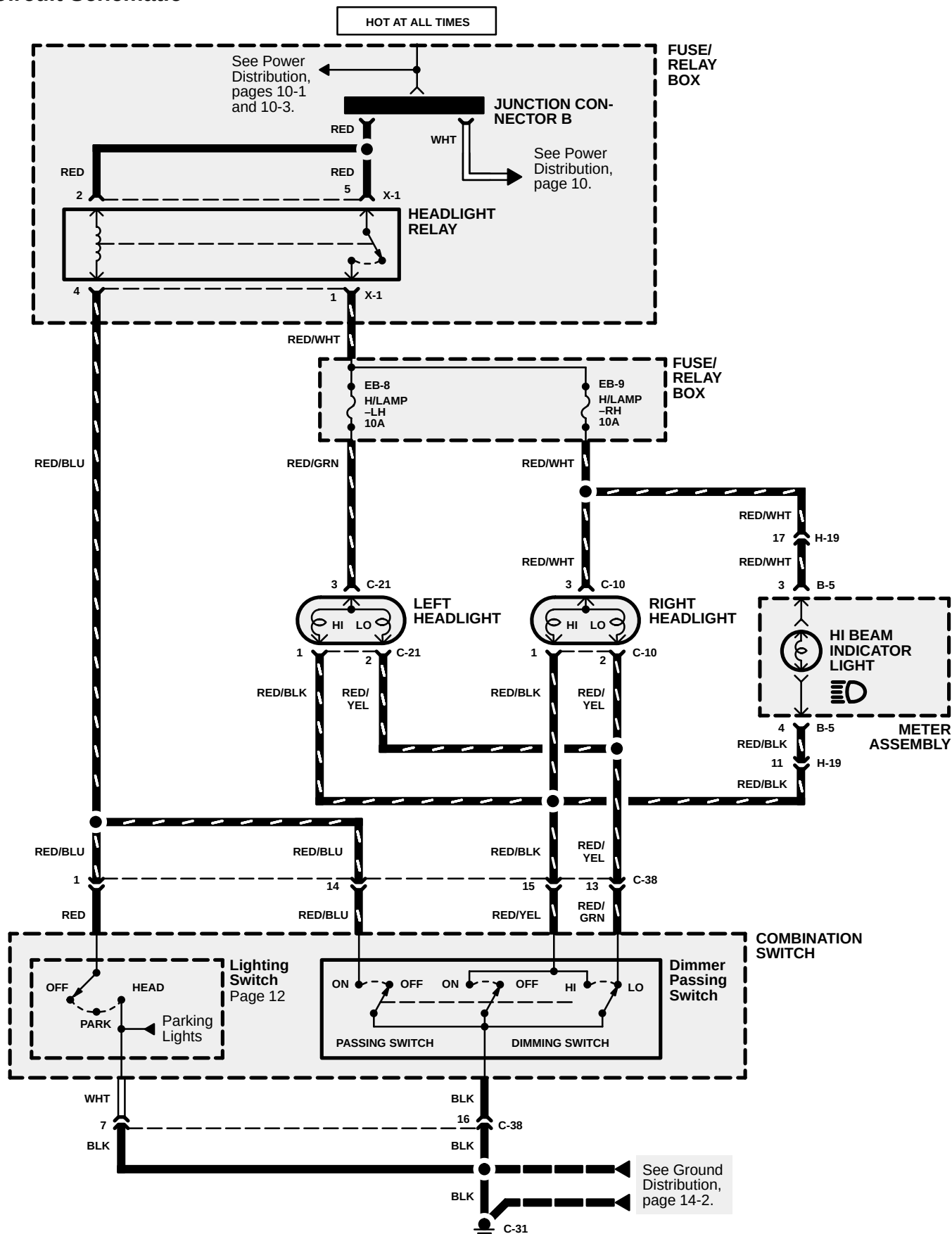
Component Index

[Fuse/Relay Box](#)

[Headlight Relay](#)

HEADLIGHTS

Circuit Schematic



Component Location Index

(Refer to Section 201 for photographs.)

Component	Photo No.
Fuse/Relay Box	Right side of engine compartment, on inner fender panel 18
Headlight Relay	Right side of engine compartment, in fuse/relay box 19
Connector	
B-5 (16-WHT)	Behind left side of I/P, on rear of meter assembly 49
C-10 (3-BLK)	On right headlight 17
C-21 (3-BLK)	On left headlight 13
C-38 (16-WHT)	Behind lower left I/P, right of steering column 47
H-19 (22-WHT)	Behind I/P right side panel 58
Junction Connector B	Right side of engine compartment, in fuse/relay box
Ground	
C-31	Behind right kick panel 57

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.