

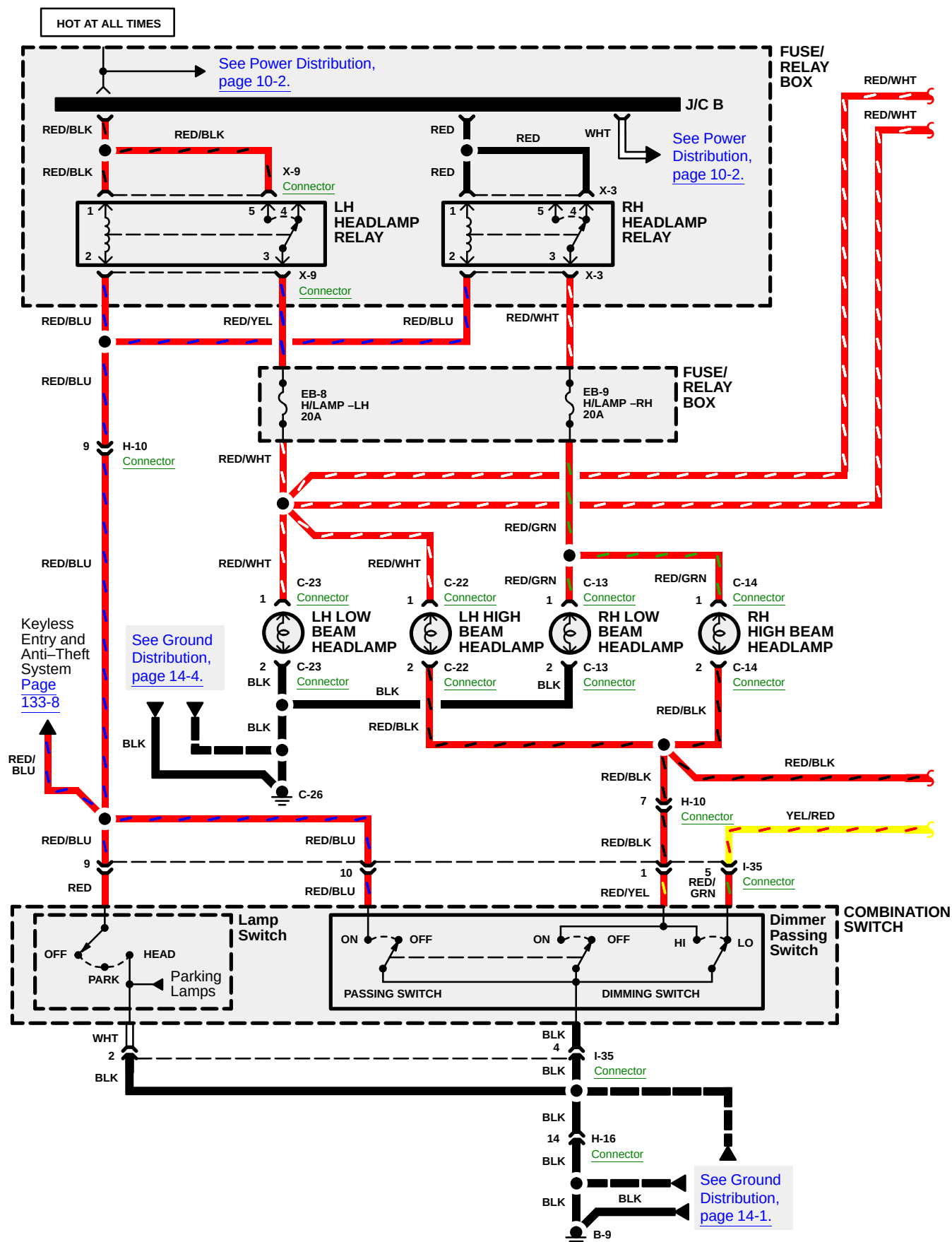
HEADLAMPS AND FOG LAMPS

Component Index

- Fog Lamp Relay
- Fuse/Relay Box
- Junction Connector B
- LH Headlamp Relay
- Meter Assembly
- RH Headlamp Relay

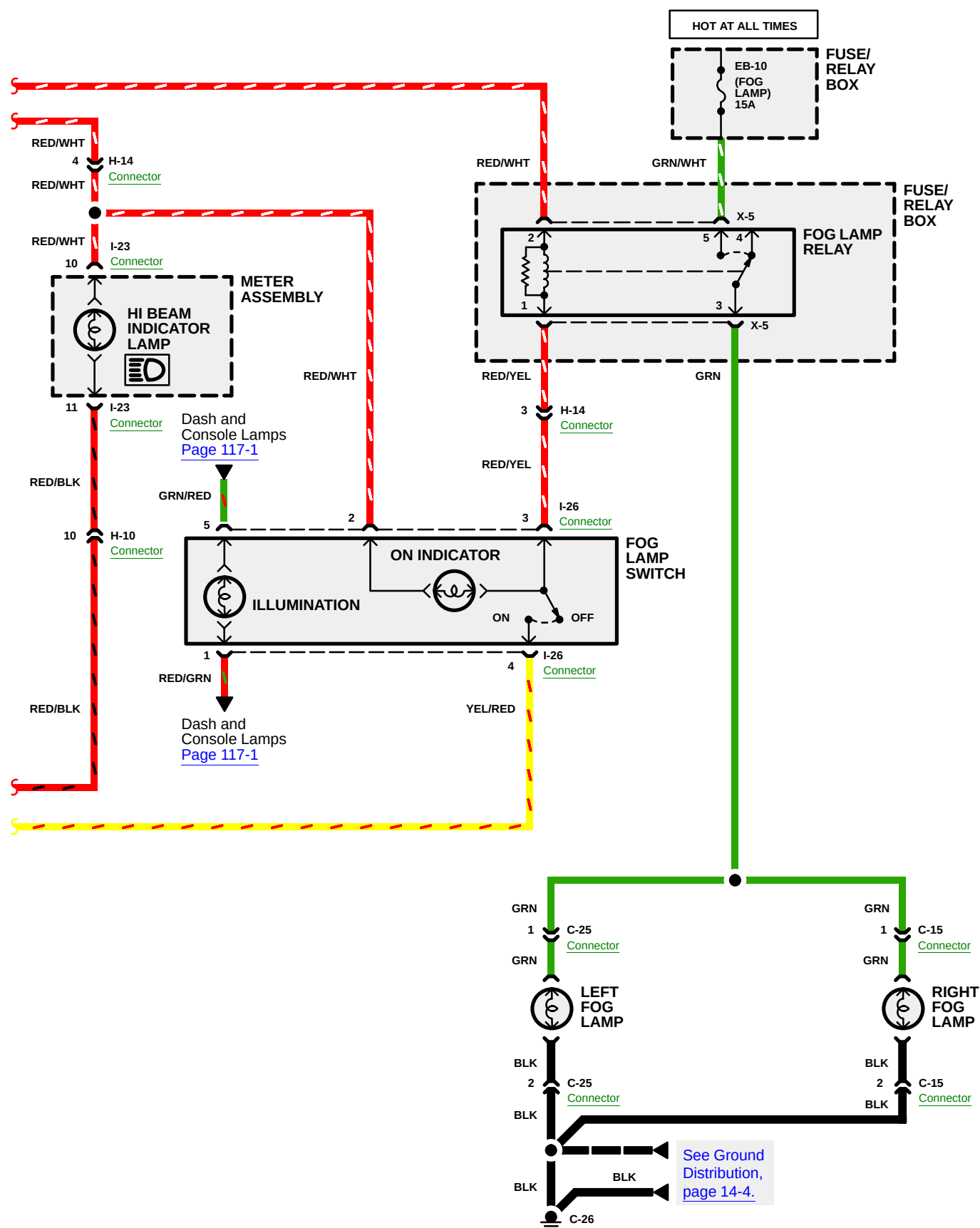
HEADLAMPS AND FOG LAMPS

Circuit Schematic



HEADLAMPS AND FOG LAMPS

Circuit Schematic



HEADLIGHTS AND FOG LIGHTS

Component Location Index

(Refer to Section 201 for photographs.)

Component	Photo No.
Fog Lamp Relay	In the fuse & relay box
Fuse/Relay Box	Right side of engine compartment 8
Junction Connector B	In the fuse & relay box 14
LH Headlamp Relay	In the fuse & relay box 11
Meter Assembly	Left side of I/P 55
RH Headlamp Relay	In the fuse & relay box 12
Connector	
C-13 (2-BRN)	Right hand headlamp, low beam, right front of vehicle 6
C-14 (2-BRN)	Right hand headlamp, high beam, right front of vehicle 6
C-15 (2-GRY)	Right front side of vehicle 4
C-22 (2-BRN)	Left hand headlamp, high beam, left front of vehicle 6
C-23 (2-BRN)	Left hand headlamp, low beam, left front of vehicle 6
C-25 (2-GRY)	Left front side of vehicle 4
H-10 (22-BLK)	Behind left kick panel 46
H-11 (19-BLK)	Behind left kick panel 46
H-14 (19-BLK)	Behind right kick panel 62
H-16 (16-WHT)	Behind left kick panel 46
I-23 (16-GRN)	Top of meter assembly 54
I-35 (13-BLK)	Under left side of I/P 49
Ground	
B-9	Under center console 71
C-26	Left side of engine compartment 25

Circuit Operation

Lo Beam Operation

With the lamp switch in HEAD and the dimmer/passing switch in LO, the lamp switch provides a ground path to the headlamp relays. The headlamp relay energizes and provides battery voltage to the lo beam headlamps and the lo beam headlamps light up.

Hi Beam Operation

With the lamp switch in HEAD and the dimmer/passing switch in HI, the lamp switch provides a ground to the headlight relays and the dimmer/passing switch provides a ground path for the high beam filaments. The headlight relay energizes and provides battery voltage to the headlamps 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 lamp 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 headlamp relays. The headlamp relays energize and applies battery voltage to the headlamps and to the hi beam indicator lamp 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 Lamp Operation

With the lamp switch in HEAD and the dimmer/passing switch in LO, the lamp switch provides a ground path to the headlamp relay which provides power through the EB-10 (FOG LAMP) fuse to the fog lamp relay. A ground path is provided for the fog lamp relay through the fog lamp switch and the dimmer/passing switch. When the relay is energized, power is provided to both fog lamps and the fog lamps light. When the fog lamp switch is turned off or when the dimmer/passing switch is moved to HI, ground is removed from the fog lamp relay and the fog lamps go out.