

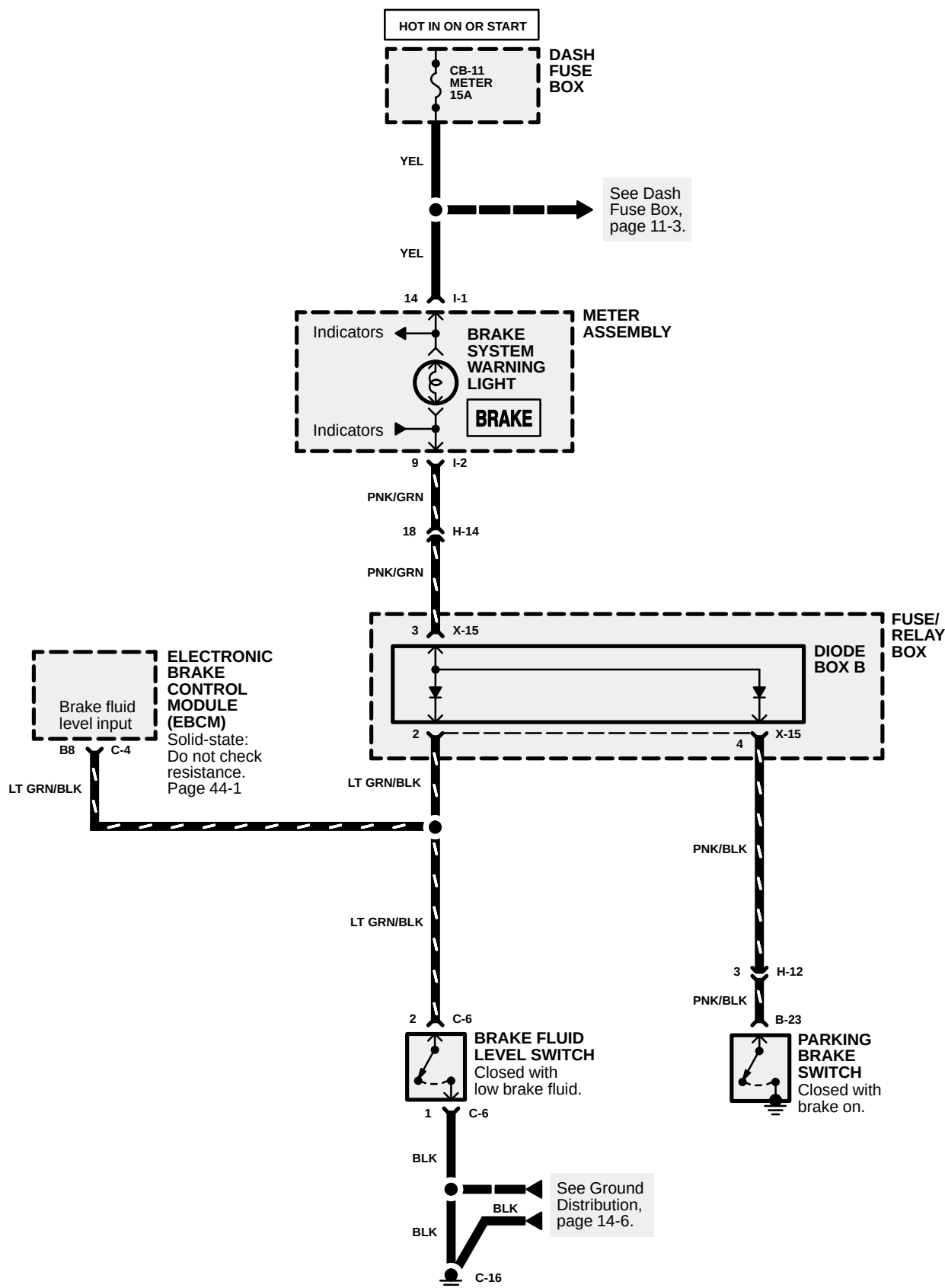
BRAKE WARNING SYSTEM

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BRAKE WARNING SYSTEM

Circuit Schematic



BRAKE WARNING SYSTEM

Component Location Index

(Refer to Section 201 for photographs.)

Component	Photo No.
Brake Fluid Level Switch	Left rear of engine compartment, in brake fluid reservoir 12
Dash Fuse Box	Left side of I/P, behind panel 58
Diode Box B	Right side of engine compartment, in fuse/relay box 15
Electronic Brake Control Module (EBCM)	Right rear corner of engine compartment 17
Fuse/Relay Box	Right side of engine compartment, on inner fender panel 14
Parking Brake Switch	Beneath center console, on parking brake lever 81
Connector	
H-12 (20-BLU)	Below right side of I/P, behind kick panel 80
H-14 (19-BLK)	Below right side of I/P, behind kick panel 82
I-1 (30-GRN)	Behind left side of I/P, on top of meter assembly 86
I-2 (16-GRN)	Behind left side of I/P, on top of meter assembly 86
Ground	
C-16	Left rear corner of engine compartment, on inner fender panel 43

Circuit Operation

The brake system warning light goes on to alert the driver that the parking brake is applied or that the brake fluid is low. It also lights as a bulb test when the engine is cranked.

Parking Brake Switch

With the starter switch in ON or START, battery voltage is applied through the CB-11 METER fuse to the brake system warning light. When the parking brake is applied, the parking brake switch closes and provides a ground for the light. The brake system warning light goes on to remind the driver that the parking brake is applied.

Brake Fluid Level Switch

With the starter switch in ON or START, battery voltage is applied through the CB-11 METER fuse to the brake system warning light. If the brake fluid is low, the brake fluid level switch closes and provides a ground for the light. The brake system warning light goes on to warn the driver of low brake fluid level in the brake master cylinder. (Note: check brake pad wear before adding fluid.)

Bulb Check

With the starter switch in START, the brake system warning light is turned on for bulb check. During bulb check, the light is grounded through the alternator. See Indicators for further details.