

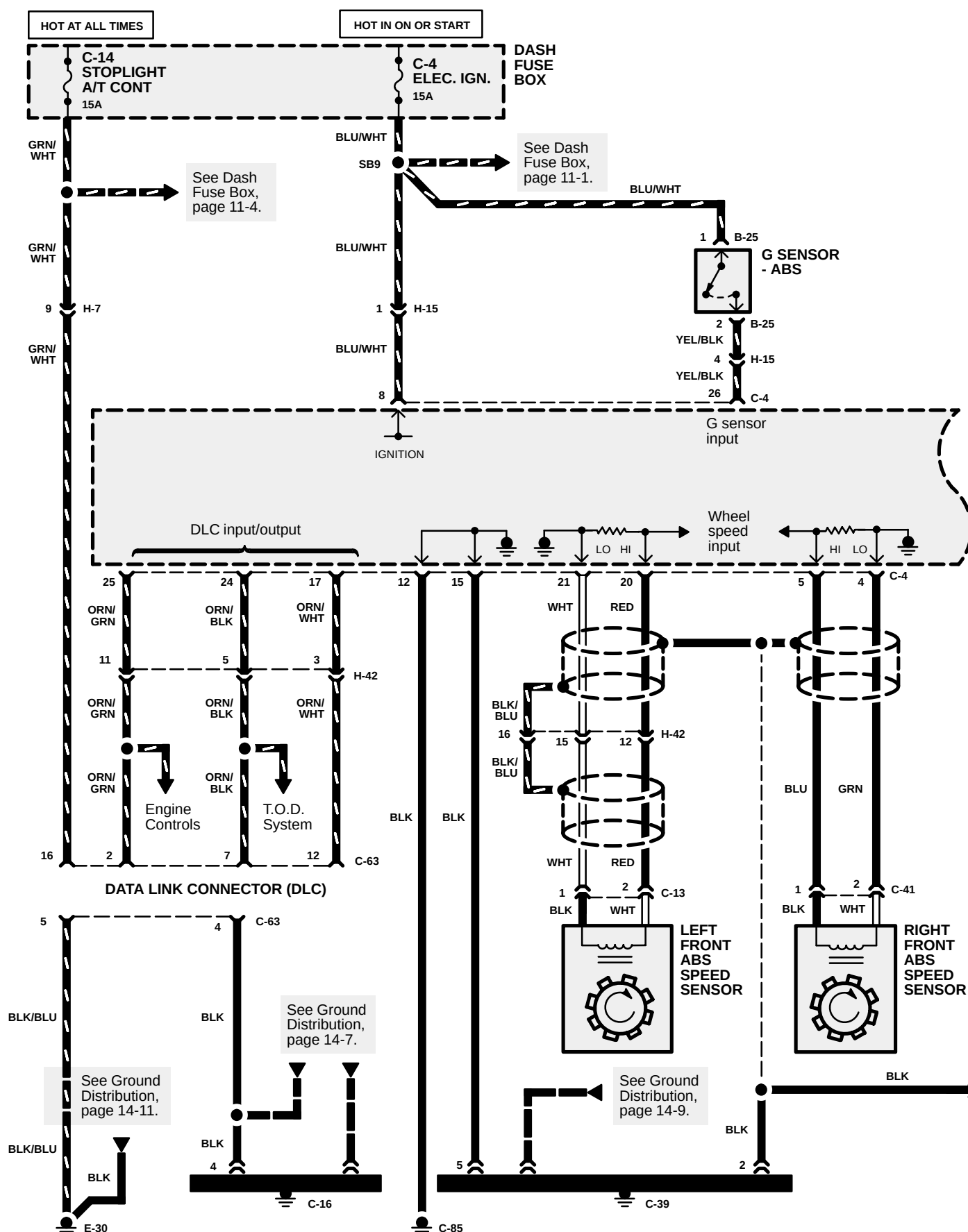
ANTI-LOCK BRAKE SYSTEM (ABS)

Component Index

- [Back-up Light Switch](#)
- [Brake Switch](#)
- [Dash Fuse Box](#)
- [Data Link Connector \(DLC\) C63 \(16-BLK\)](#)
- [Diode Box A](#)
- [Electronic Brake Control Module \(EBCM\)](#)
- [Fuse/Relay Box](#)
- [G Sensor - ABS](#)
- [Left Front ABS Speed Sensor](#)
- [Left Rear ABS Speed Sensor](#)
- [Powertrain Control Module \(PCM\)](#)
- [Right Front ABS Speed Sensor](#)
- [Right Rear ABS Speed Sensor](#)
- [Transmission Switch 1-2](#)

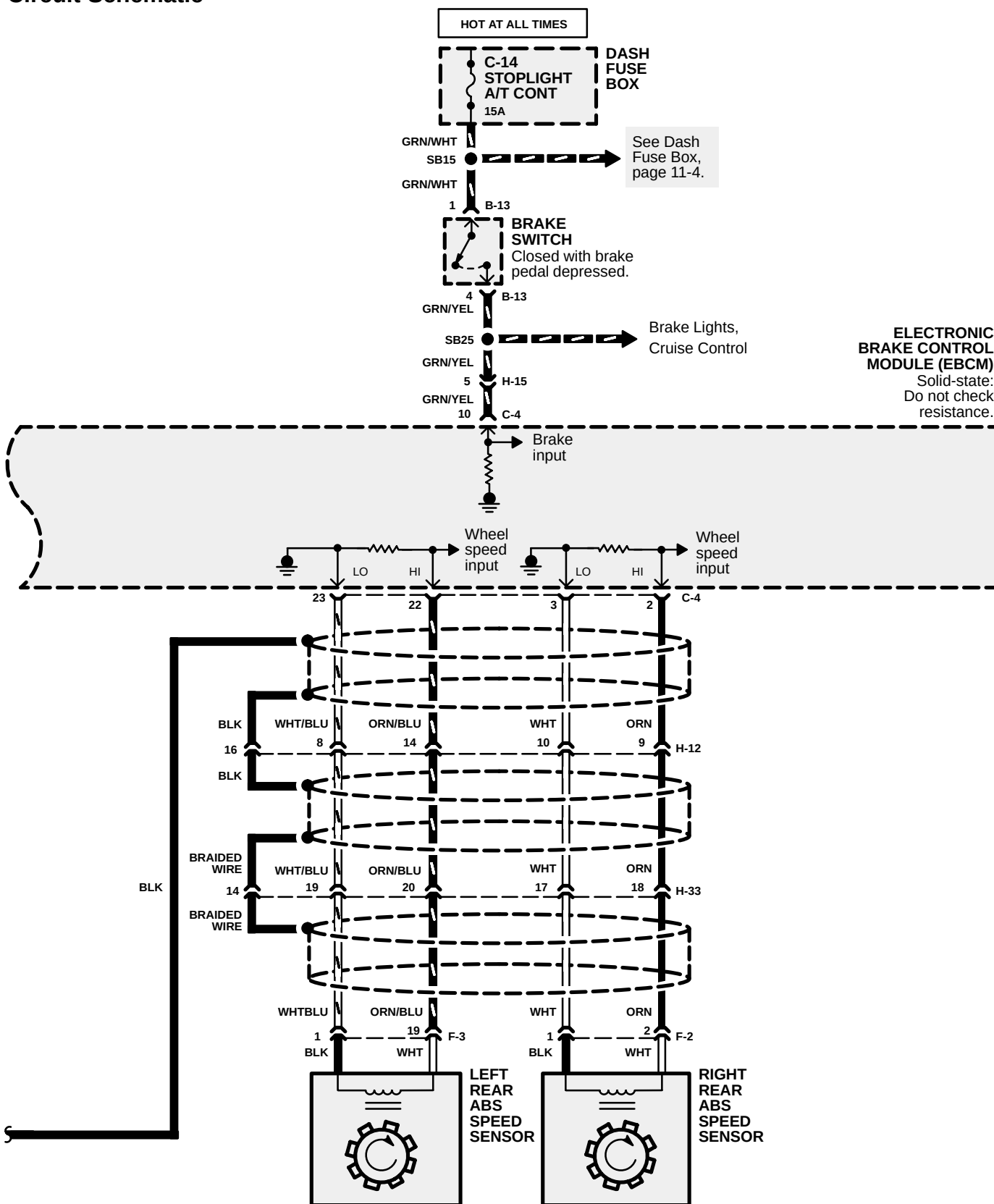
ANTI-LOCK BRAKE SYSTEM (ABS)

Circuit Schematic



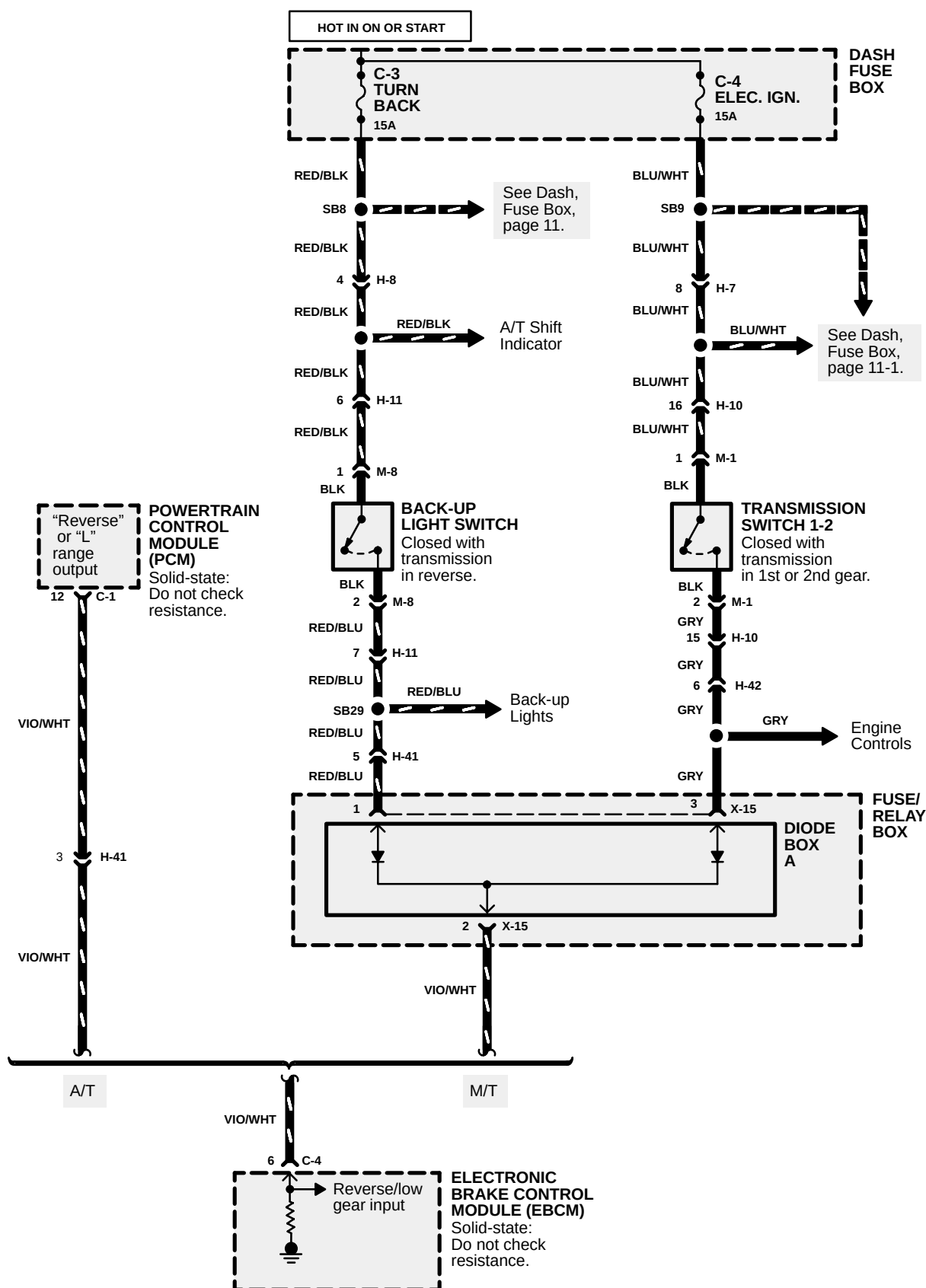
ANTI-LOCK BRAKE SYSTEM (ABS)

Circuit Schematic



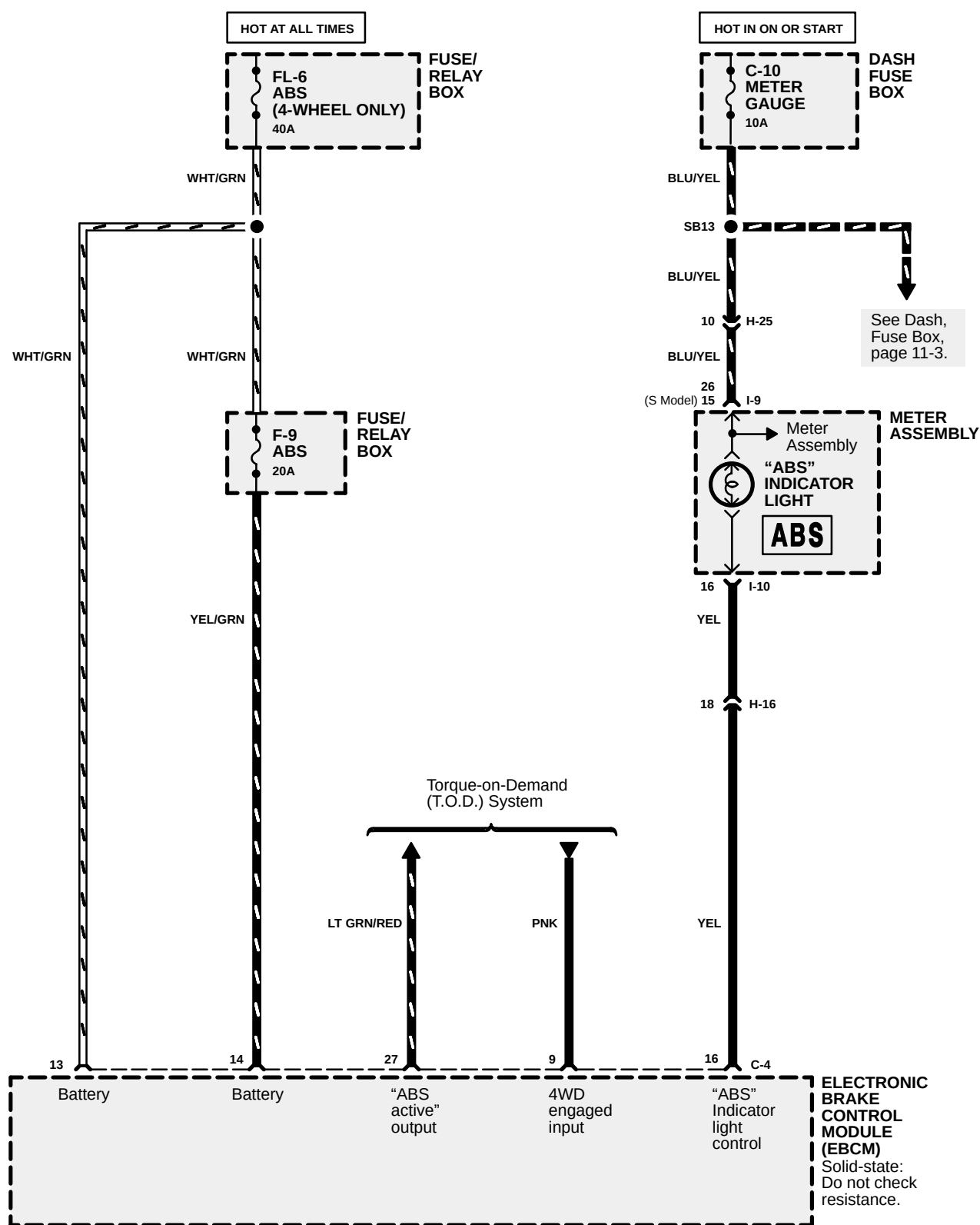
ANTI-LOCK BRAKE SYSTEM (ABS)

Circuit Schematic



ANTI-LOCK BRAKE SYSTEM (ABS)

Circuit Schematic



ANTI-LOCK BRAKE SYSTEM (ABS)

Component Location Index

(Refer to Section 201 for photographs.)

Component	Photo No.
Back-up Light Switch	Beneath vehicle, on right side of transmission 118
Brake Switch	Below I/P, on brake pedal support 74
Dash Fuse Box	Behind left dash side trim panel 55
Data Link Connector (DLC)	
C63 (16-BLK)	Left I/P lower cover, behind access cover 47
Diode Box A	In fuse/relay box 37
Electronic Brake Control	
Module (EBCM)	Right front of engine compartment 41
Fuse/Relay Box	Right side of engine compartment, on inner fender panel 41
G Sensor - ABS	Beneath rear of center console 126
Left Front ABS Speed	
Sensor	Inside of left front wheel 8
Left Rear ABS Speed	
Sensor	Inside of left rear wheel 101
Powertrain Control Module	
(PCM)	Behind front console 63
Right Front ABS Speed	
Sensor	Inside of right front wheel 8
Right Rear ABS Speed	
Sensor	Inside of right rear wheel 101
Transmission Switch 1-2	Beneath vehicle, on right side of transmission 15
Connector	
C-13 (2-BRN)	Lower left side of engine compartment 7
C-41 (2-BRN)	Lower right side of engine compartment 7
F-2 (2-BRN)	Beneath rear of vehicle, above right side of differential 98
F-3 (2-BLK)	Beneath rear of vehicle, above right side of differential 98
H-7 (20-BRN/WHT)	Below I/P, above left dash side trim panel, on bracket 69
H-8 (16-WHT)	Below I/P, above left dash side trim panel, on bracket 70
H-10 (16-BLU)	Left front of engine compartment 27
H-11 (16-BLK)	Left front of engine compartment 27
H-12 (20-WHT)	Below I/P, above right dash side trim panel, on bracket 100
H-15 (14-WHT)	Below I/P, above right dash side trim panel, on bracket 115
H-16 (22-WHT)	Behind right dash side trim panel 120
H-25 (22-BLU)	Below I/P, above left dash side trim panel, on bracket 71
H-33 (20-WHT)	In floor, below right front seat 110
H-41 (16-BLU)	Right front of engine compartment 31
H-42 (16-BLK)	Right front of engine compartment 31
I-9 (30-GRN)	On left top of meter assembly 53
I-10 (22-GRN)	On right top of meter assembly 53
M-1 (2-GRY)	Beneath center of vehicle, top right side of transmission 15
M-8 (2-BLU/GRY)	Beneath center of vehicle, top right side of transmission 118

Ground

C-16	Left rear corner of engine compartment, on inner fender panel 39
C-39	Right rear corner of engine compartment, on inner fender panel 45
C-85	Lower right front of engine compartment 122
E-30	Top right rear of engine 16

ANTI-LOCK BRAKE SYSTEM (ABS)

Circuit Operation

The anti-lock brake system adjusts the brake pressure whenever a wheel is about to lockup, allowing the driver to maintain greater control of the vehicle under heavy braking conditions. Under normal driving conditions, the anti-lock brake system (ABS) functions the same as a standard power assisted brake system.

The electronic brake control module (EBCM) receives inputs from individual ABS speed sensors and the G-sensor. The electronic brake control module (EBCM) uses the inputs to control the hydraulic pressure applied to each caliper.

The electronic brake control module (EBCM) has a self-diagnosis function which monitors the system's function. When a malfunction is detected, the "ABS" indicator light is turned on and the anti-lock braking function is disabled; but the standard power assisted brake system continues to operate normally.

Refer to Section 5 of the Workshop Manual for further anti-lock brake system (ABS) diagnosis.