

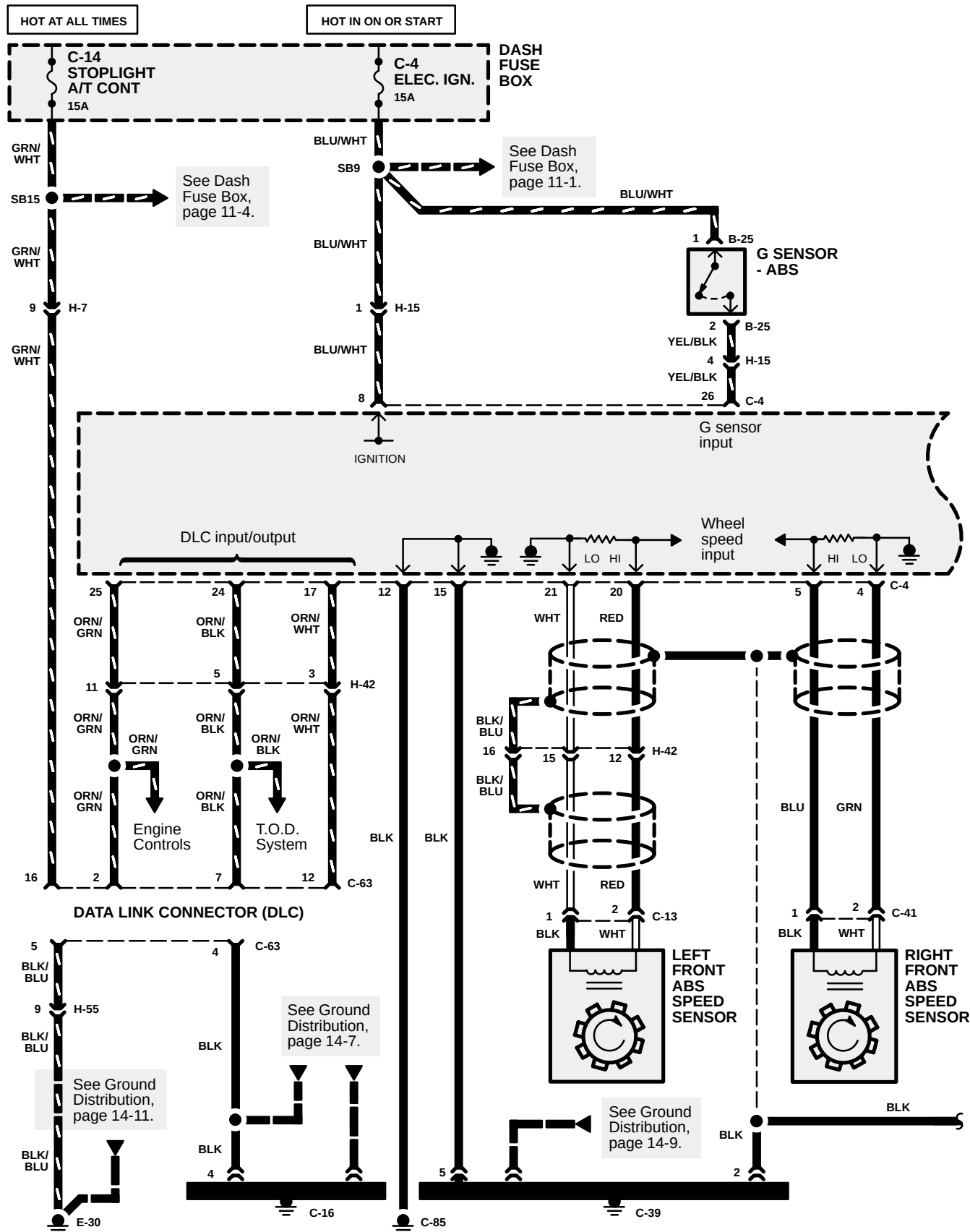
ANTI-LOCK BRAKE SYSTEM (ABS)

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

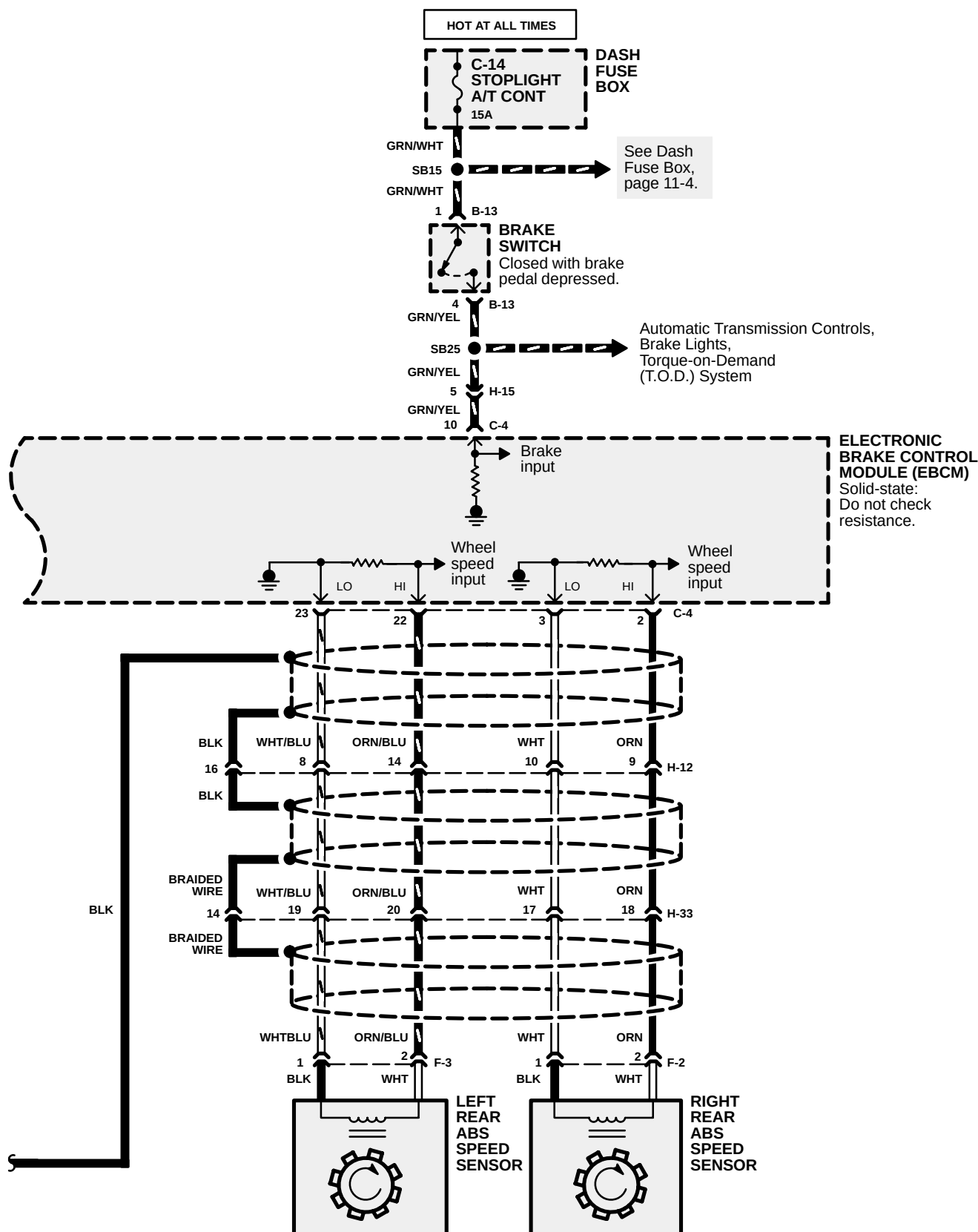
ANTI-LOCK BRAKE SYSTEM (ABS)

Circuit Schematic



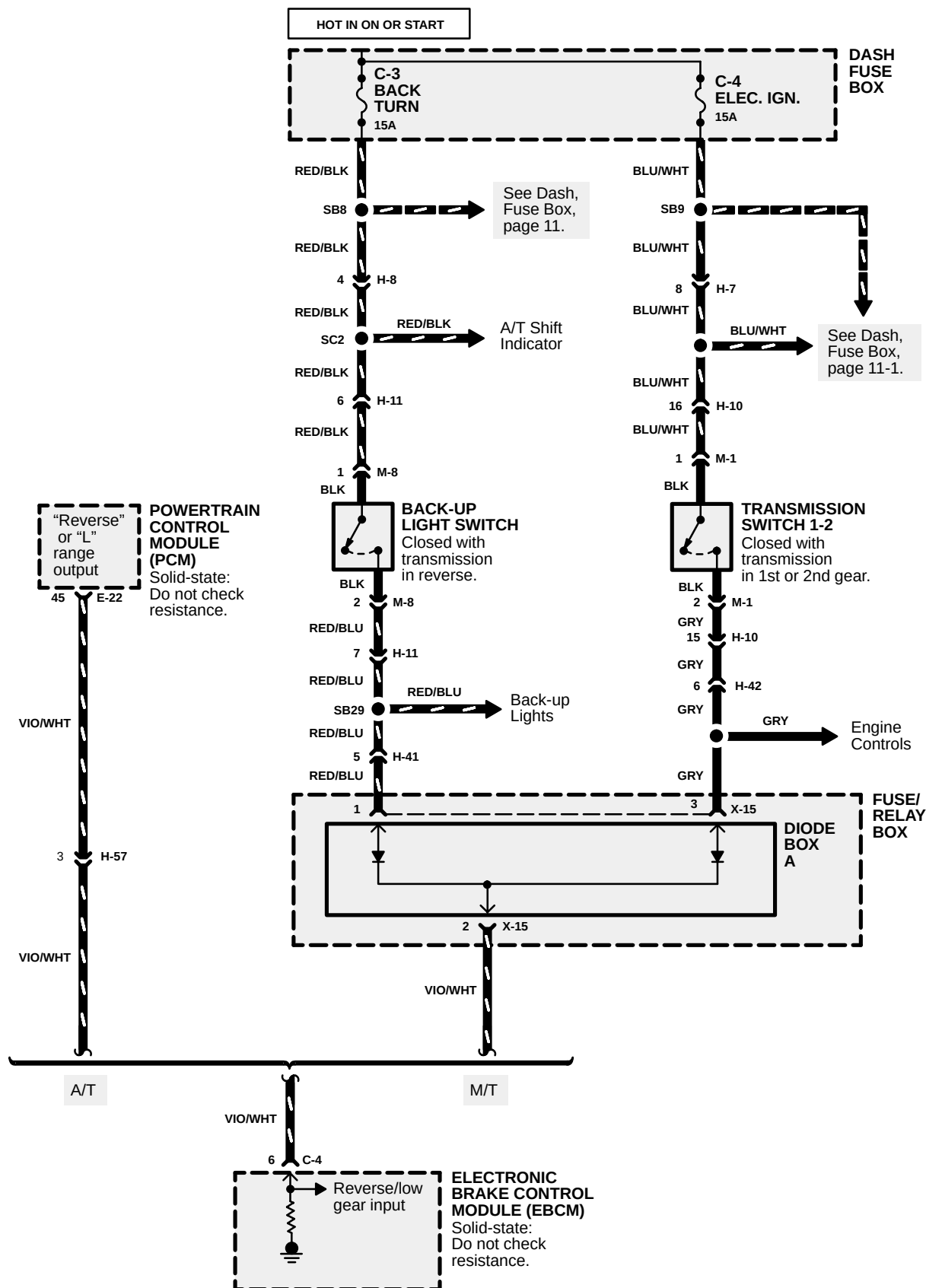
ANTI-LOCK BRAKE SYSTEM (ABS)

Circuit Schematic



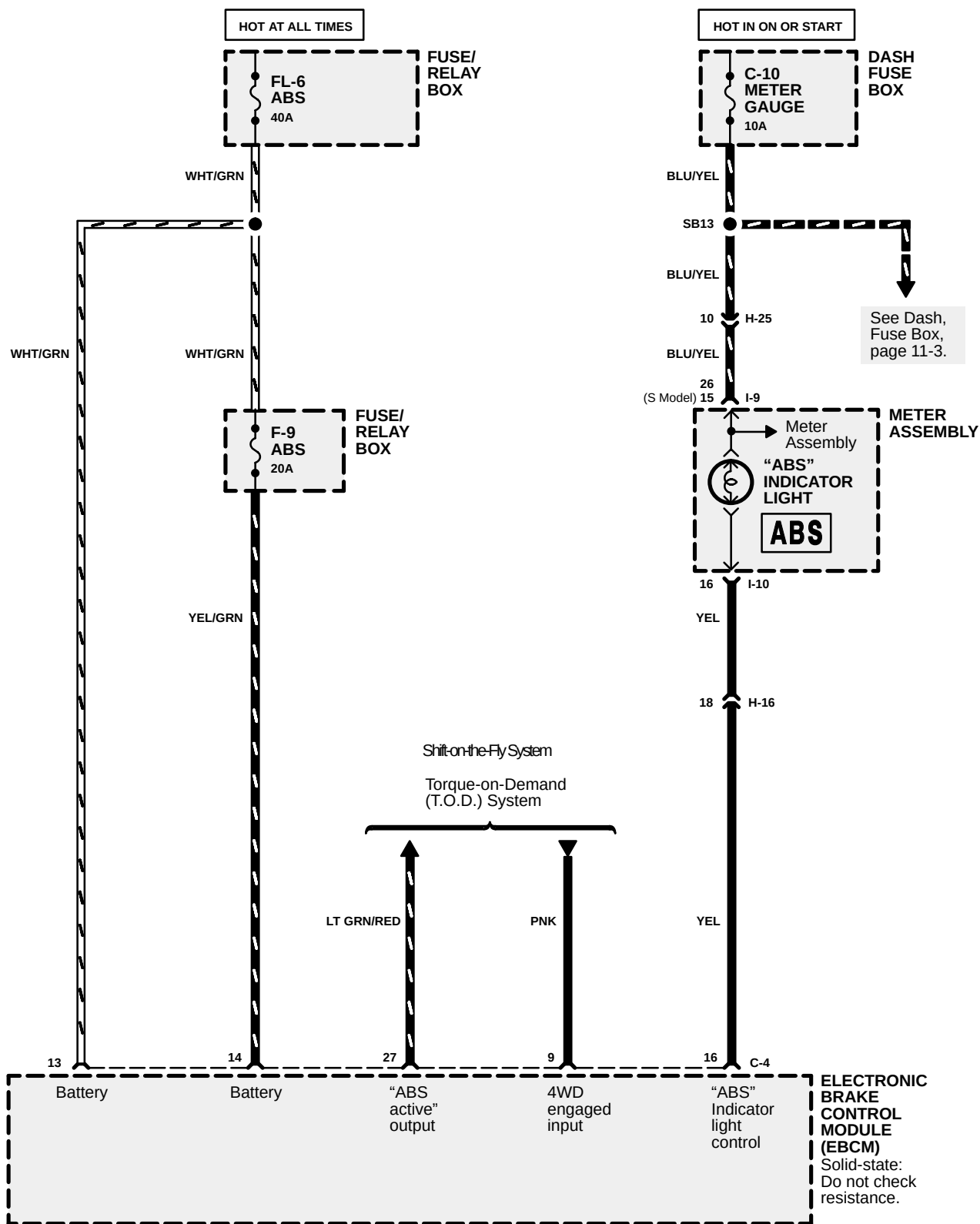
ANTI-LOCK BRAKE SYSTEM (ABS)

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)	Right side of engine compartment 60
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-BLK)	Right front of engine compartment 31
H-42 (16-BLU)	Right front of engine compartment 31
H-55 (16-BLK)	Right side of engine compartment 59
H-57 (16-BLU)	Right side of engine compartment 59
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.