

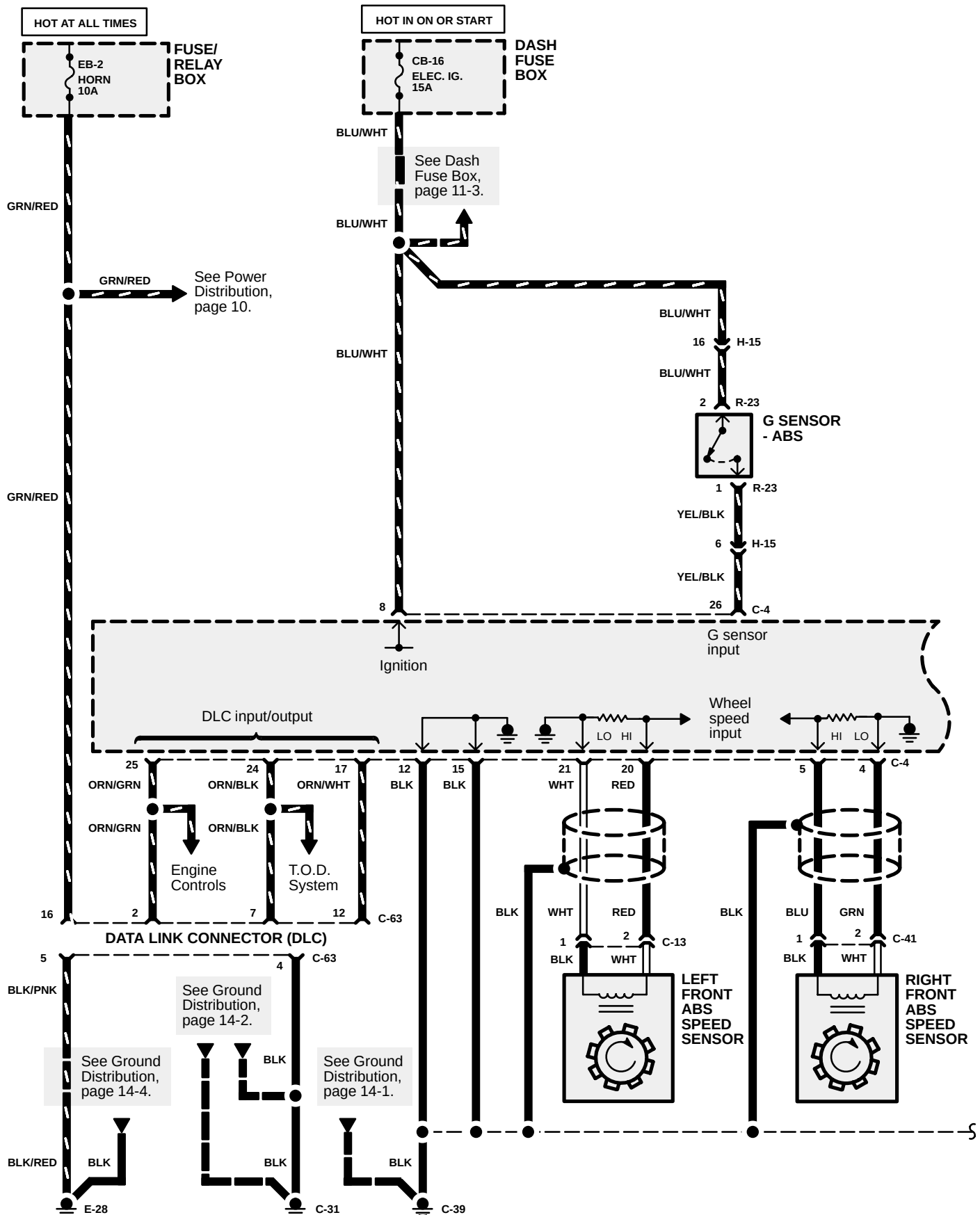
ANTI-LOCK BRAKE SYSTEM (ABS)

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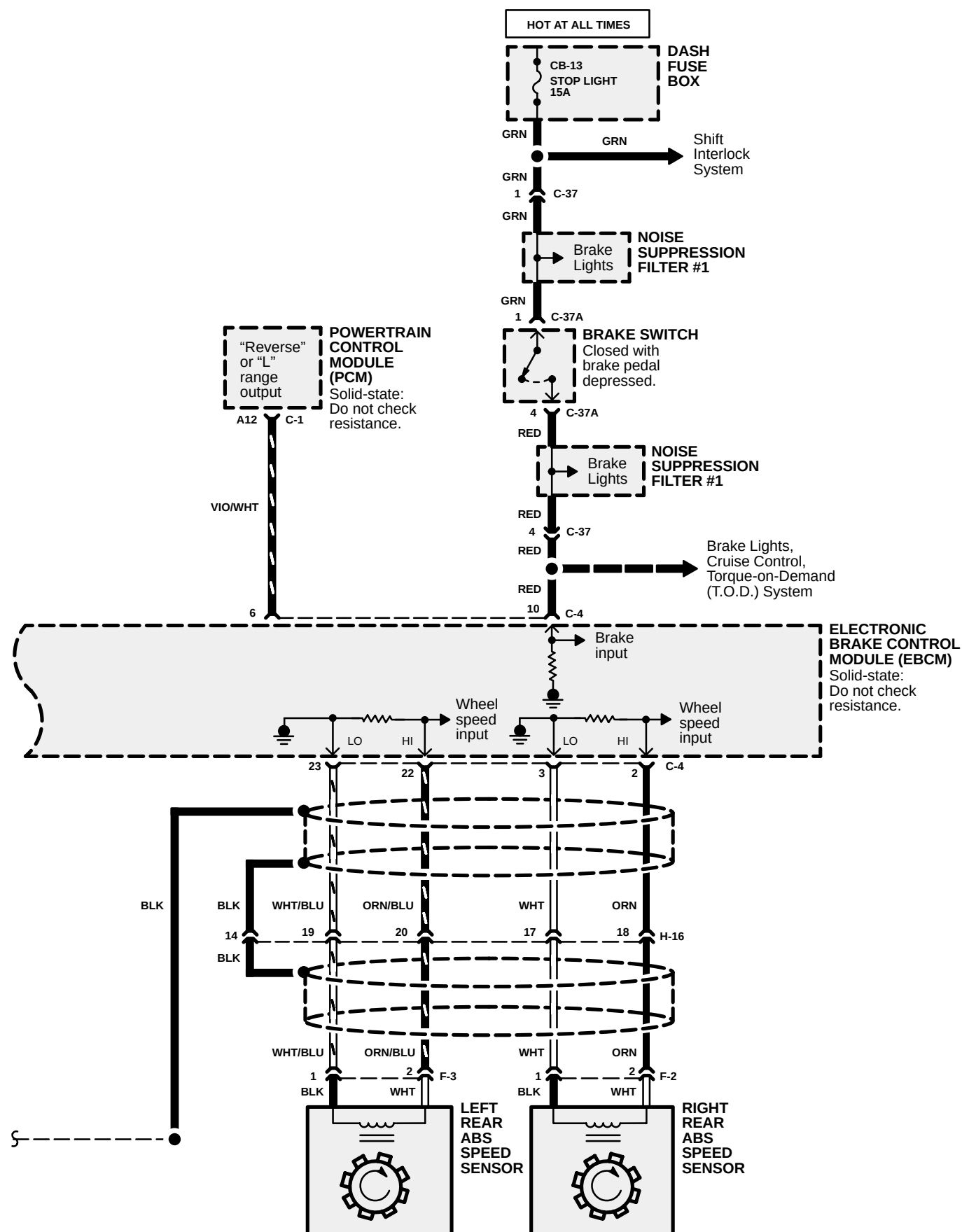
ANTI-LOCK BRAKE SYSTEM (ABS)

Circuit Schematic



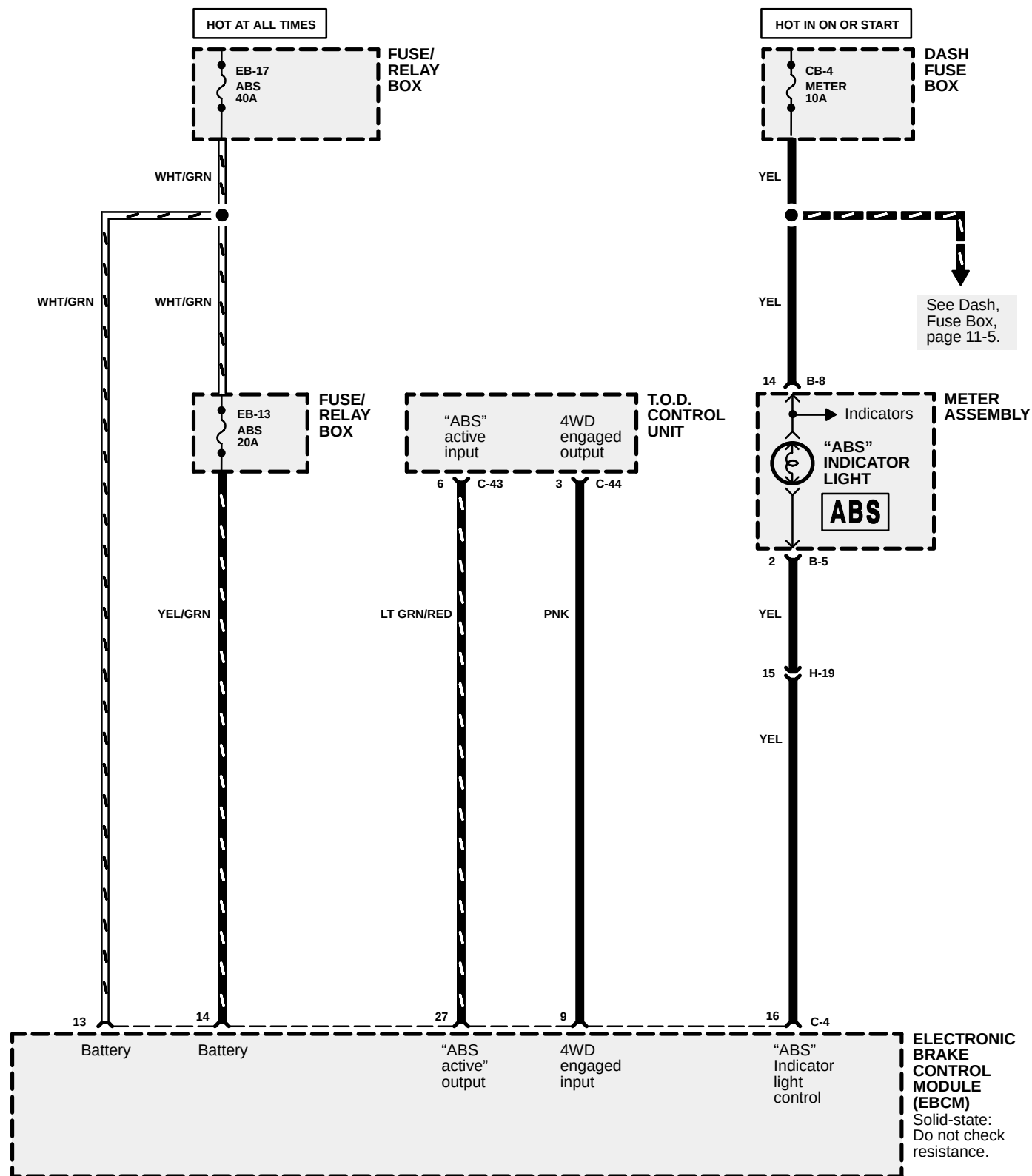
ANTI-LOCK BRAKE SYSTEM (ABS)

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.
Brake Switch	Below I/P, on brake pedal support 44
Dash Fuse Box	Behind left I/P side trim panel 36
Data Link Connector (DLC)	
C-63	Below left side of I/P, near engine hood release 38
Electronic Brake Control	
Module (EBCM)	In right rear of engine compartment 23
Fuse/Relay Box	Right side of engine compartment, on inner fender panel 18
G Sensor - ABS	Beneath rear of center console 64
Left Front ABS Speed	
Sensor	Inside of left front wheel 4
Left Rear ABS Speed	
Sensor	Inside of left rear wheel 88
Powertrain Control Module	
(PCM)	Behind front console 52
Right Front ABS Speed	
Sensor	Inside of right front wheel 4
Right Rear ABS Speed	
Sensor	Inside of right rear wheel 88
T.O.D. Control Unit	Below right front seat 66
Connector	
B-5 (16-WHT)	Behind left side of I/P, on rear of meter assembly 49
B-8 (16-BLK)	Behind left side of I/P, on rear of meter assembly 49
C-13 (2-BRN)	Lower left side of engine compartment 6
C-37 (4-BLK)	Behind lower left of I/P 44
C-41 (2-BRN)	Lower right side of engine compartment 6
F-2 (2-BRN)	Beneath rear of vehicle, above right side of differential 86
F-3 (2-BLK)	Beneath rear of vehicle, above right side of differential 86
H-15 (18-BLK)	Behind left side of I/P, above left kick panel on bracket 42
H-19 (22-WHT)	Behind I/P right side panel 58
Ground	
C-31	Behind right kick panel 57
C-39	Right rear of engine compartment on inner fender 23
E-28	Top left rear of engine 28

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.