

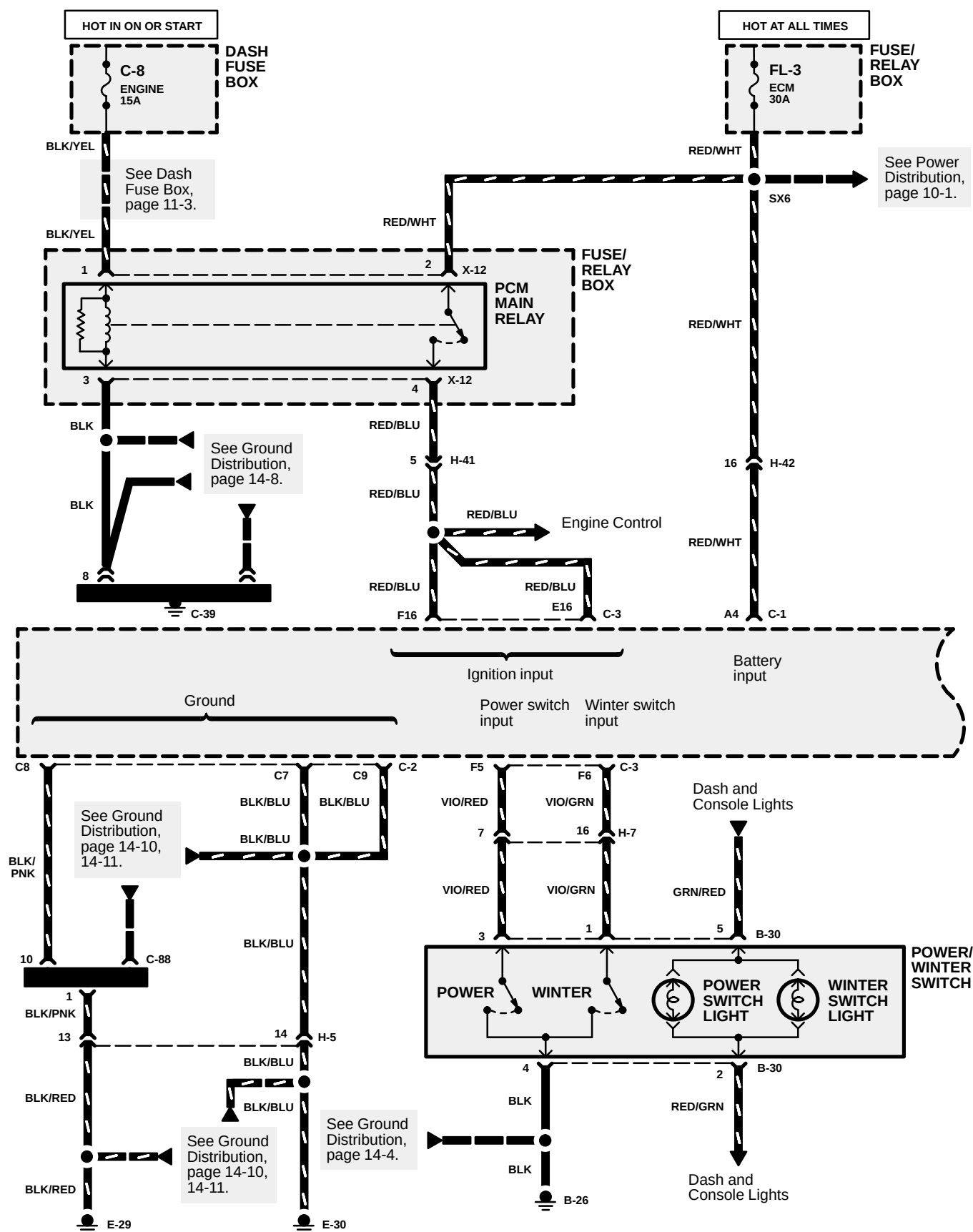
AUTOMATIC TRANSMISSION CONTROL

Component Index

- Automatic Transmission Mode Switch
- Brake Switch
- Cruise Control Unit
- Dash Fuse Box
- Data Link Connector (DLC) C63 (16-BLK)
- Electronic Brake Control Module (EBCM)
- Fuse/Relay Box
- Kickdown Switch
- PCM Main Relay
- Powertrain Control Module (PCM)
- Stop Light Switch
- Transmission Speed Sensor

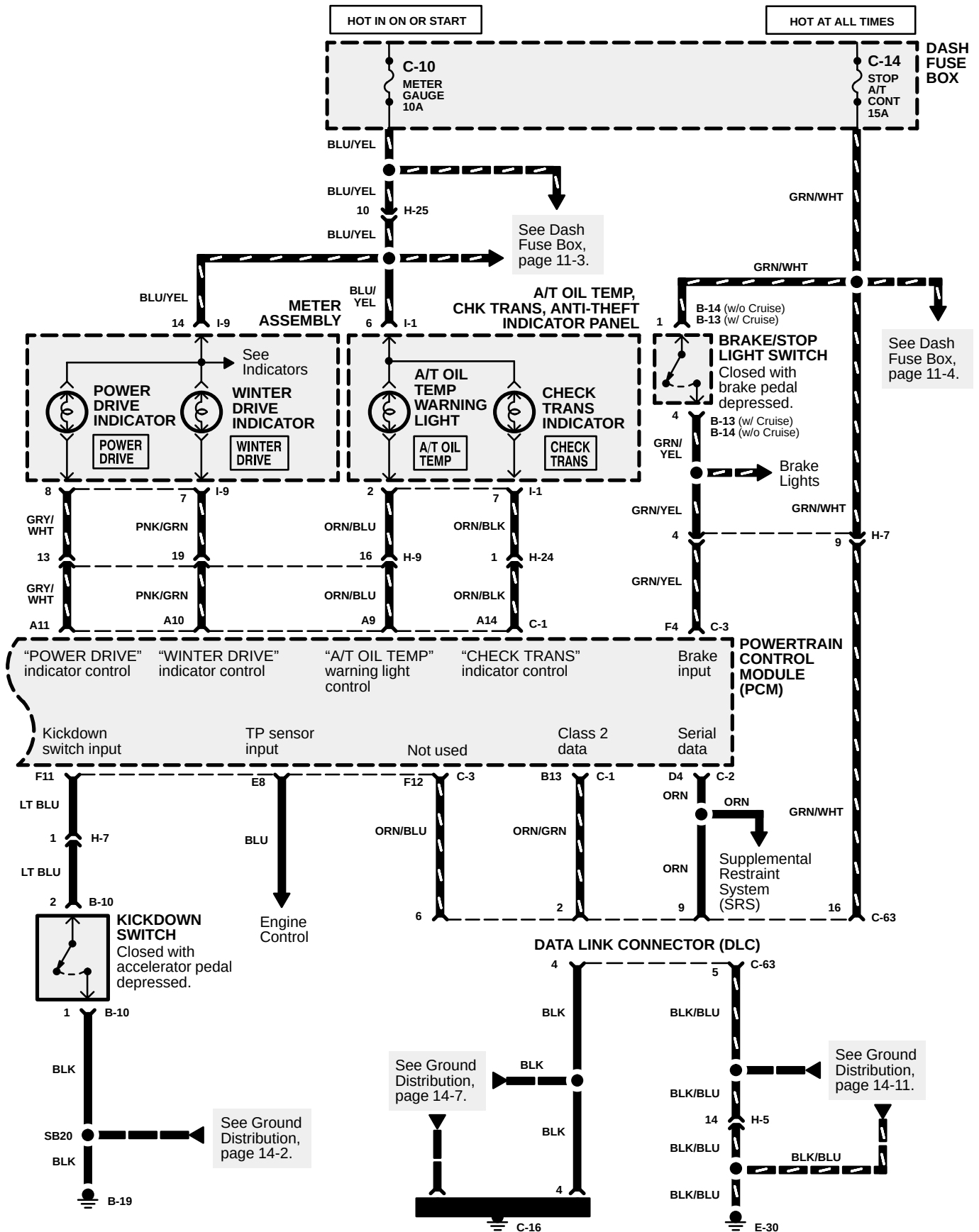
AUTOMATIC TRANSMISSION CONTROL

Circuit Schematic

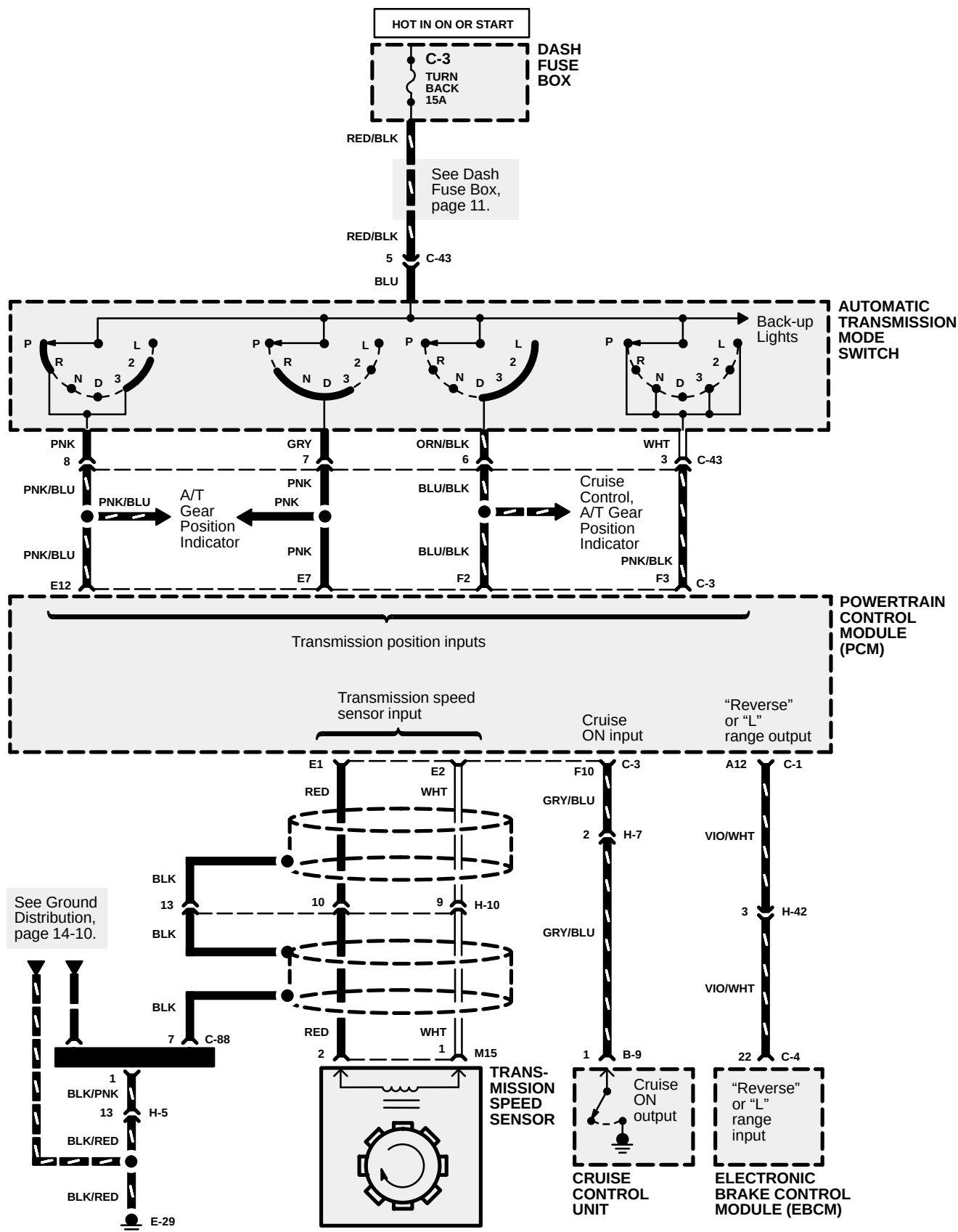


AUTOMATIC TRANSMISSION CONTROL

Circuit Schematic

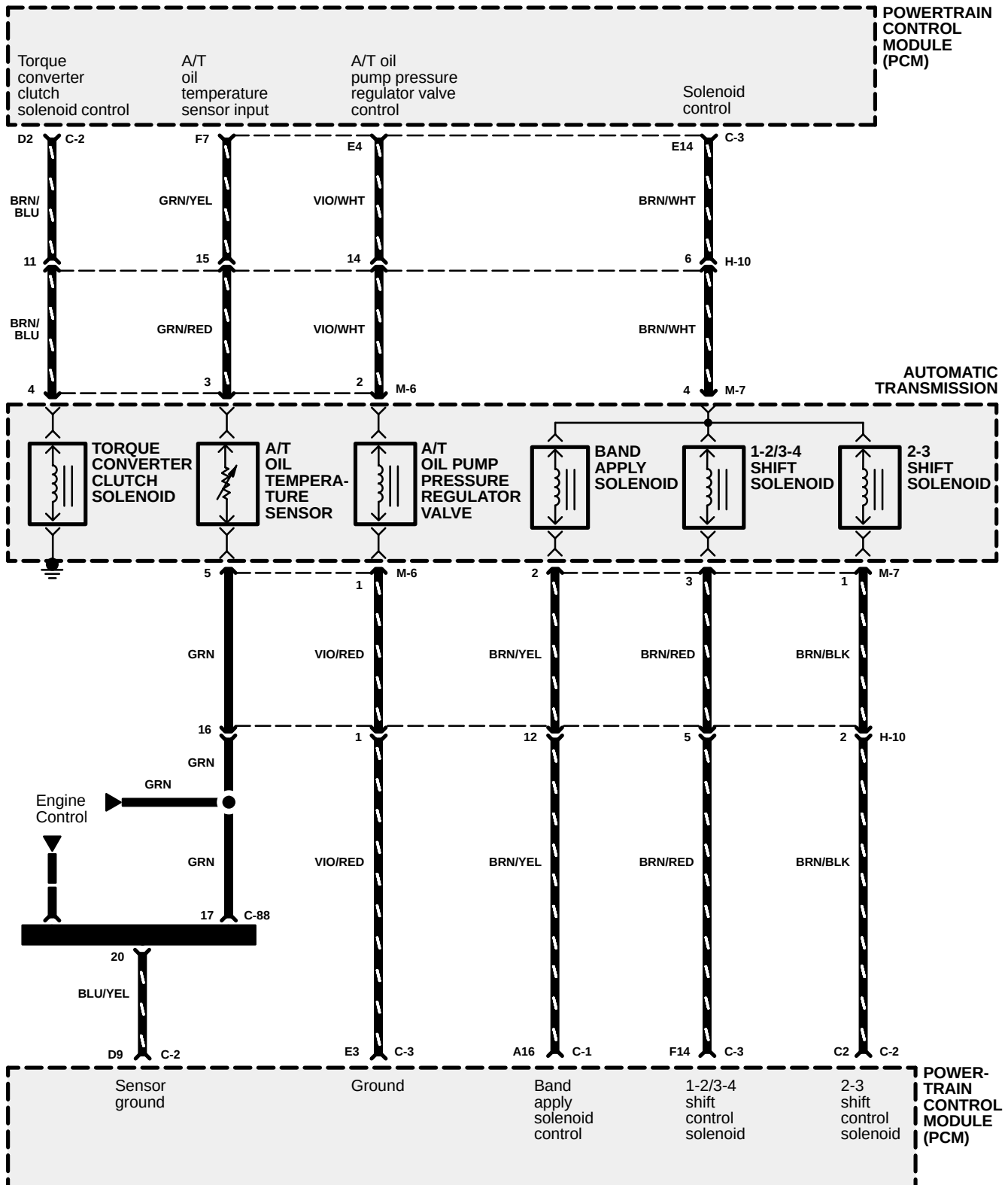


Circuit Schematic



AUTOMATIC TRANSMISSION CONTROL

Circuit Schematic



AUTOMATIC TRANSMISSION CONTROL

Component Location Index

(Refer to Section 201 for photographs.)

<u>Component</u>	<u>Photo No.</u>
Automatic Transmission Mode	
Switch	Beneath vehicle, on left side of transmission 43
Brake Switch	Below I/P, on brake pedal support 56
Cruise Control Unit	Below right side of I/P, above dash side trim panel 71
Dash Fuse Box	Behind left dash side trim panel 51
Data Link Connector (DLC)	
C63 (16-BLK)	Left I/P lower cover, behind access cover 47
Electronic Brake Control	
Module (EBCM)	Beneath right front seat 116
Fuse/Relay Box	Right side of engine compartment, on inner fender panel 33
Kickdown Switch	Below I/P, on accelerator pedal bracket 59
PCM Main Relay	In fuse/relay box 38
Powertrain Control Module	
(PCM)	Behind the lower cluster assembly 62
Stop Light Switch	Below I/P on brake pedal support 56
Transmission Speed Sensor ..	Beneath vehicle, on top of transmission
<u>Connector</u>	
C-43 (8-BLK)	Left front of engine compartment 27
C-88 (20-GRN) Junction	
Connector	Behind lower cluster assembly, taped to PCM breakout 63
H-5 (16-GRN)	Left side of engine compartment 13
H-7 (20-BRN/WHT)	Below I/P, above left dash side trim panel, on bracket 52
H-9 (20-BLK)	Below I/P, above left dash side trim panel, on bracket 53
H-10 (16-BLU) (A/T)	Left front of engine compartment 27
H-24 (18-YEL)	Below I/P, above left dash side trim panel, on bracket 53
H-25 (22-BLU)	Below I/P, above left dash side trim panel, on bracket 54
H-41 (16-BLU)	Right front of engine compartment 31
H-42 (16-BLK)	Right front of engine compartment 31
I-9 (16-BLK)	On left rear of meter assembly 45
M-6 (5-BLK)	Beneath center of vehicle, left side of transmission 43
M-7 (4-BLK)	Beneath center of vehicle, left side of transmission 43
<u>Ground</u>	
B-19	Behind top of left dash side trim panel 54
B-26	Below rear of center console 67
C-16	Left rear corner of engine compartment, on inner fender panel 28
C-39	Right rear corner of engine compartment, on inner fender panel 40
E-29	Top center front of engine 14
E-30	Top center front of engine 14

Circuit Operation

The powertrain control module (PCM) receives inputs from switches and sensors, and controls the functions of transmission mode. The powertrain control module (PCM) also controls the "POWER DRIVE", "WINTER DRIVE", AND "CHECK TRANS" indicator lights and allows for diagnostic testing through the tech-1 connector.

Refer to Section 7 of the Workshop Manual for further transmission diagnosis.