

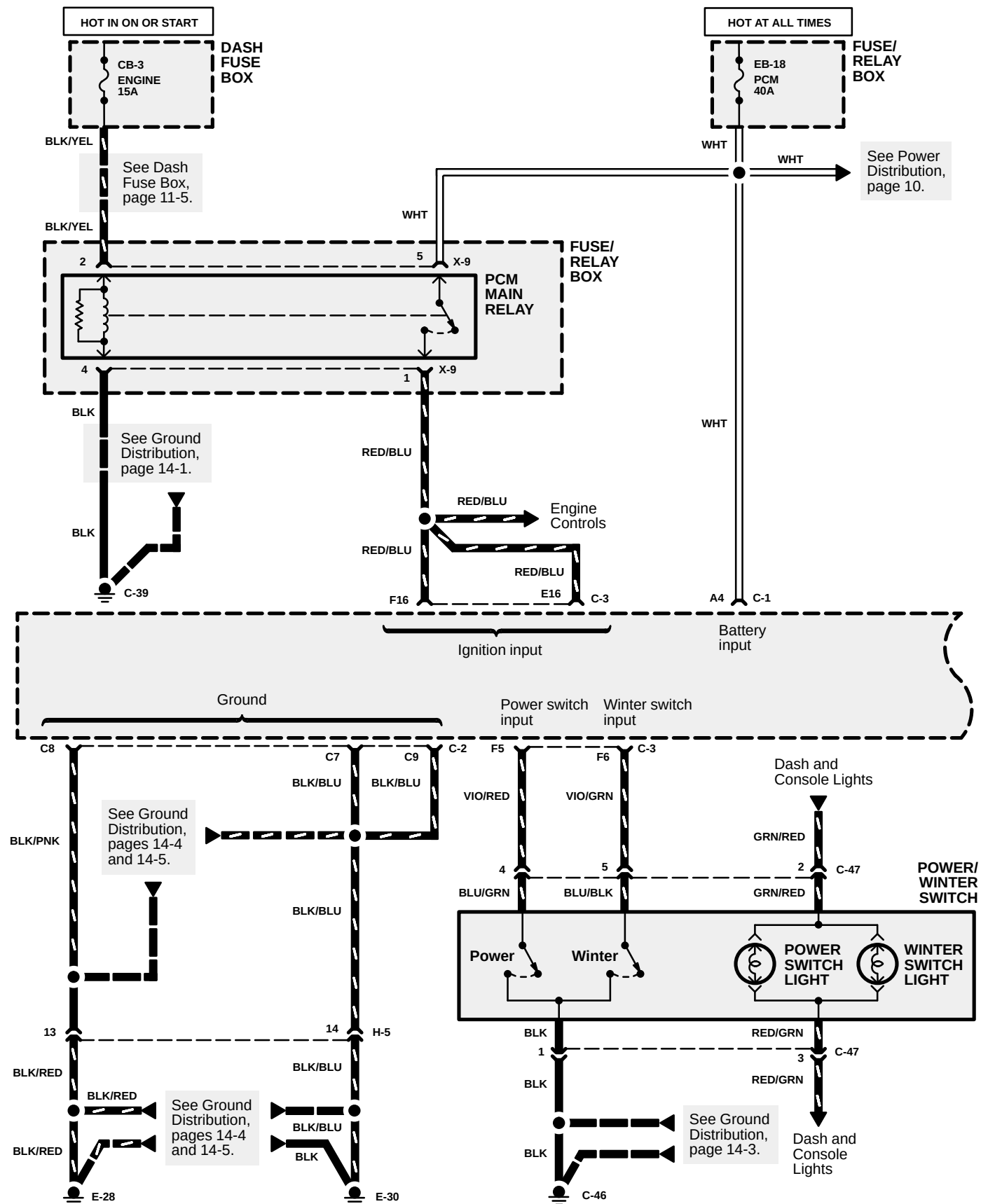
AUTOMATIC TRANSMISSION CONTROLS

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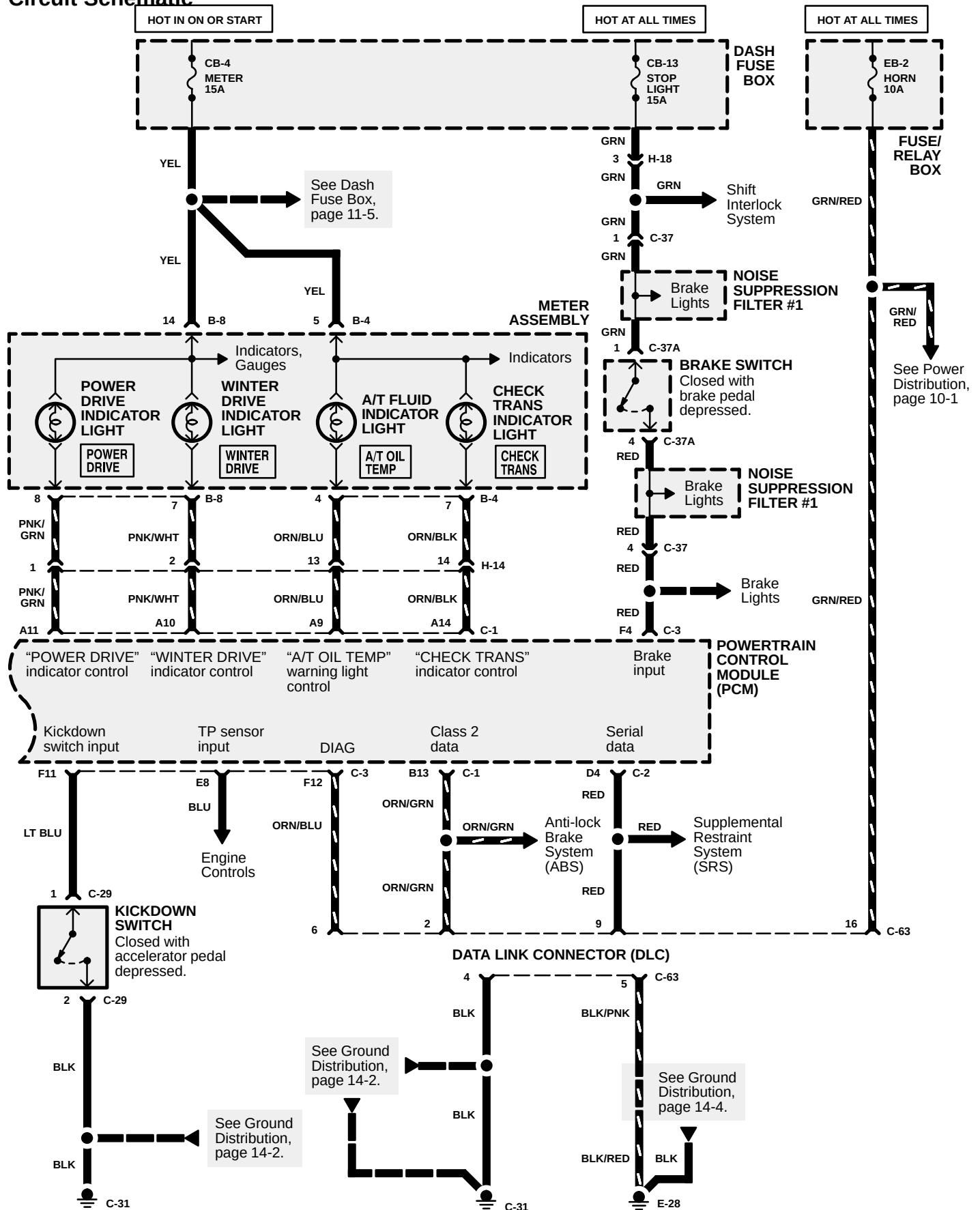
AUTOMATIC TRANSMISSION CONTROLS

Circuit Schematic



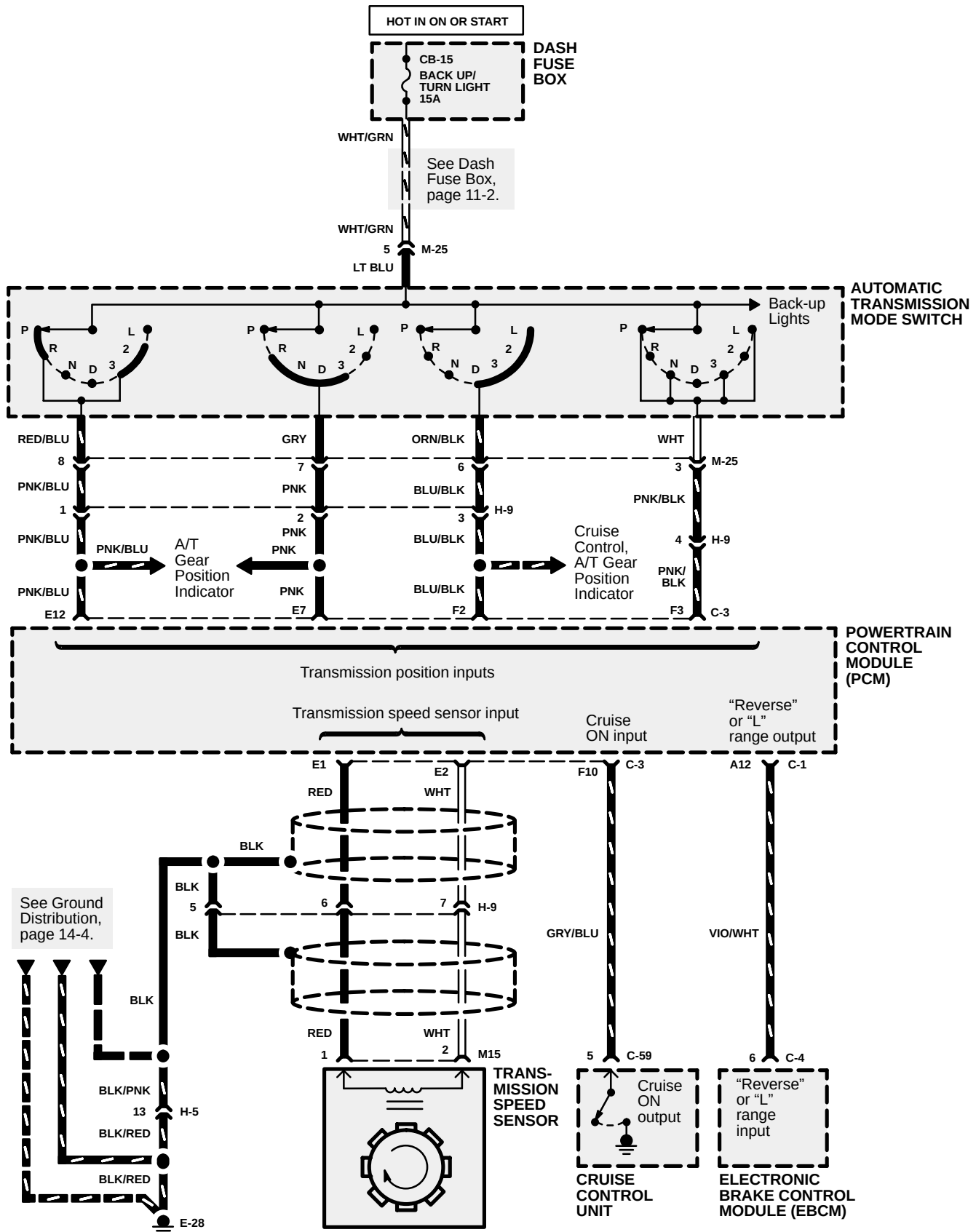
AUTOMATIC TRANSMISSION CONTROLS

Circuit Schematic



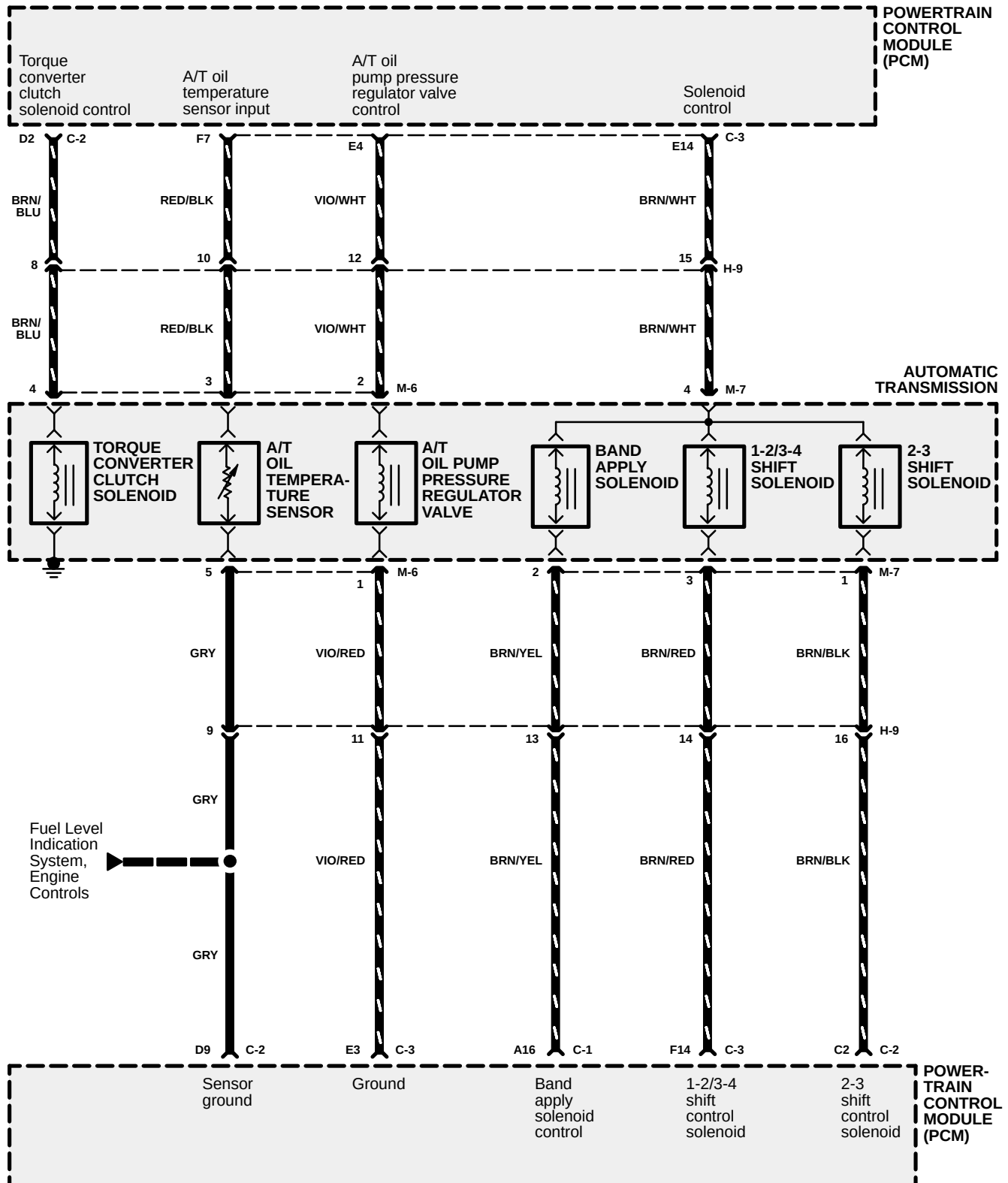
AUTOMATIC TRANSMISSION CONTROLS

Circuit Schematic



AUTOMATIC TRANSMISSION CONTROLS

Circuit Schematic



AUTOMATIC TRANSMISSION CONTROLS

Component Location Index

(Refer to Section 201 for photographs.)

<u>Component</u>	<u>Photo No.</u>
Automatic Transmission	
Mode Switch	Underneath vehicle, on left side of transmission 78
Brake Switch	Below I/P, on brake pedal support 44
Cruise Control Unit	Behind right kick panel 56
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
Kickdown Switch	Below I/P, on accelerator pedal bracket 46
Noise Suppression Filter #1 ..	Behind left kick panel 40
PCM Main Relay	Right side of engine compartment, in fuse/relay box 21
Powertrain Control Module	
(PCM)	Behind front console 52
Transmission Speed Sensor ...	Beneath vehicle, on top of transmission 62
<u>Connector</u>	
B-4 (7-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-37 (4-BLK)	Behind lower left of I/P 44
C-47 (6-BLK)	Below rear of center console 60
H-5 (16-GRN)	Left rear of engine compartment on bracket 15
H-9 (16-GRN)	Lower left front of engine compartment 13
H-14 (22-BLU)	Behind left side of I/P, above left kick panel on bracket 42
M-6 (5-BLK)	Beneath center of vehicle, left side of transmission 78
M-7 (4-GRY)	Beneath center of vehicle, left side of transmission 78
M-25 (8-BLK)	On left side of transmission 77
<u>Ground</u>	
C-31	Behind right kick panel 57
C-39	Right rear of engine compartment on inner fender 23
C-46	Behind left kick panel 40
E-28	Top left rear of engine 28
E-30	Top right rear of engine 32

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.