

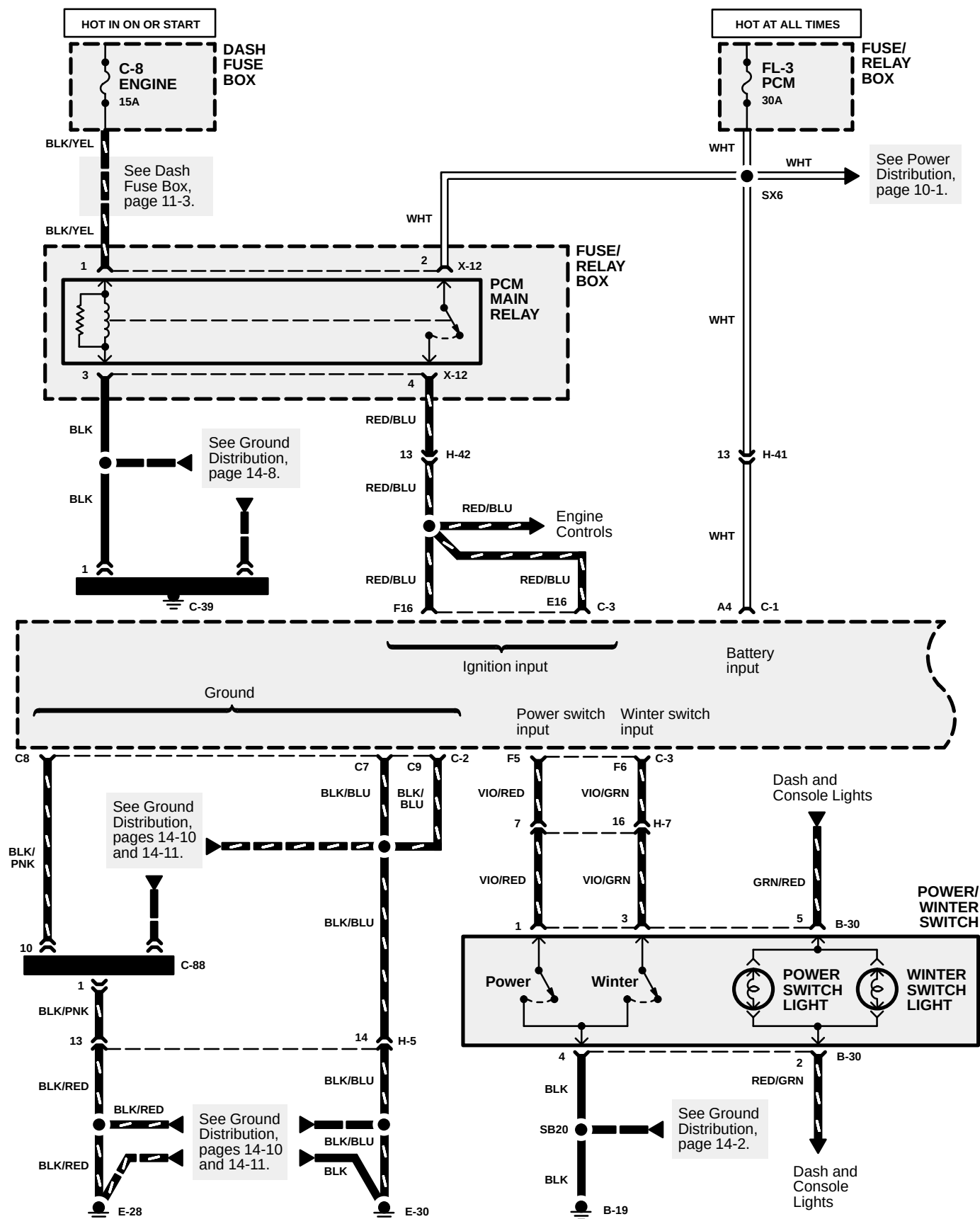
AUTOMATIC TRANSMISSION CONTROLS

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)
- Transmission Speed Sensor

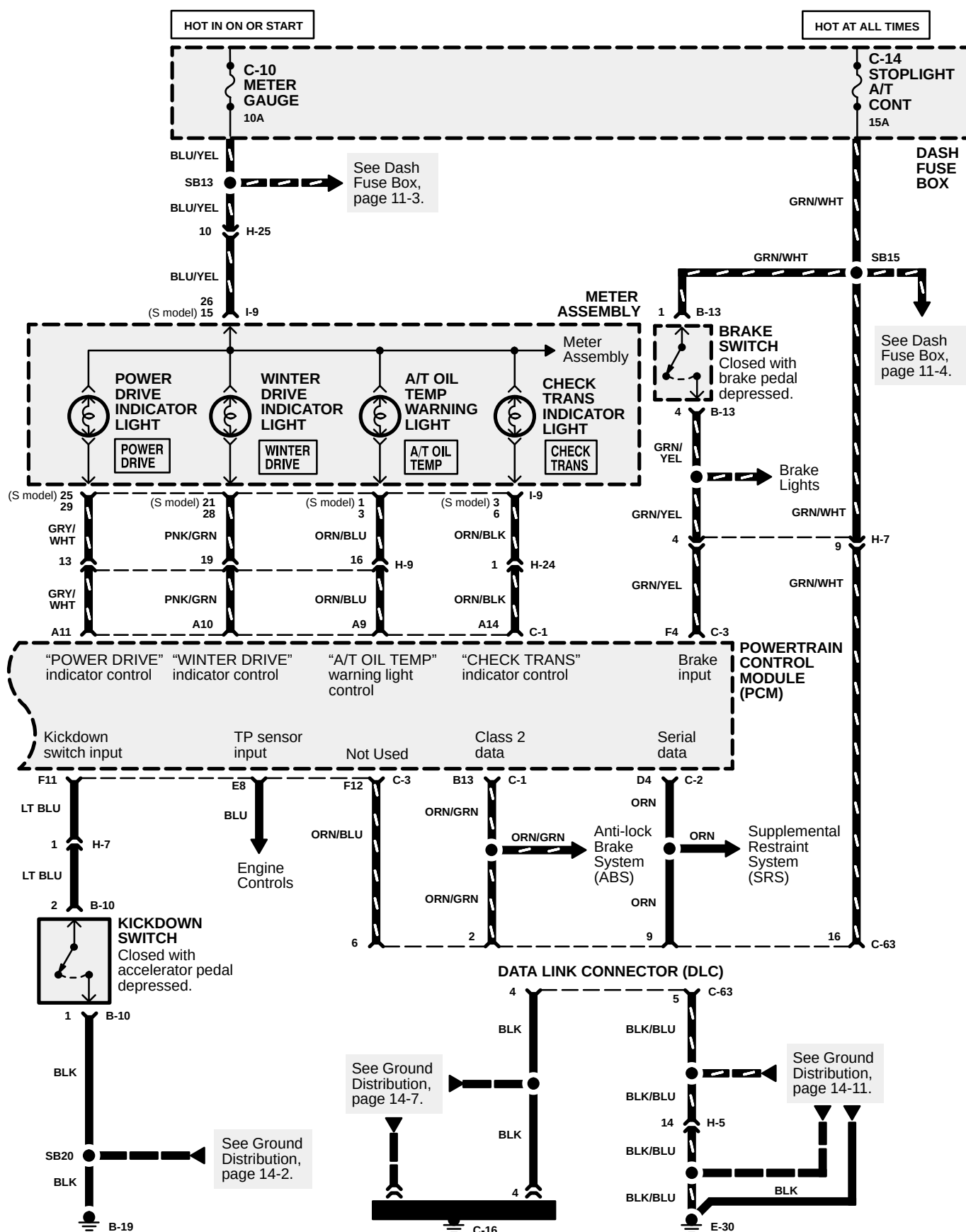
AUTOMATIC TRANSMISSION CONTROLS

Circuit Schematic



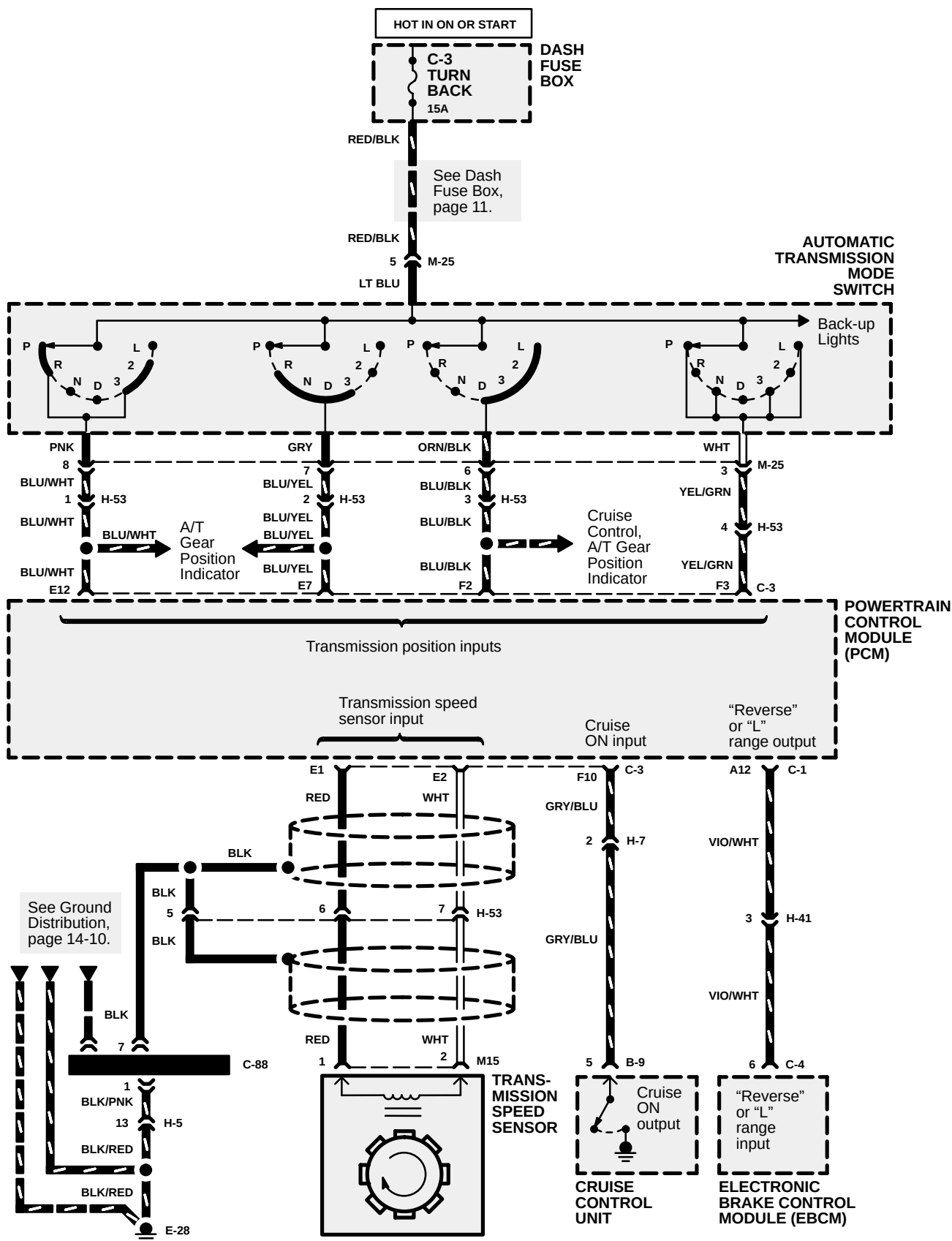
AUTOMATIC TRANSMISSION CONTROLS

Circuit Schematic



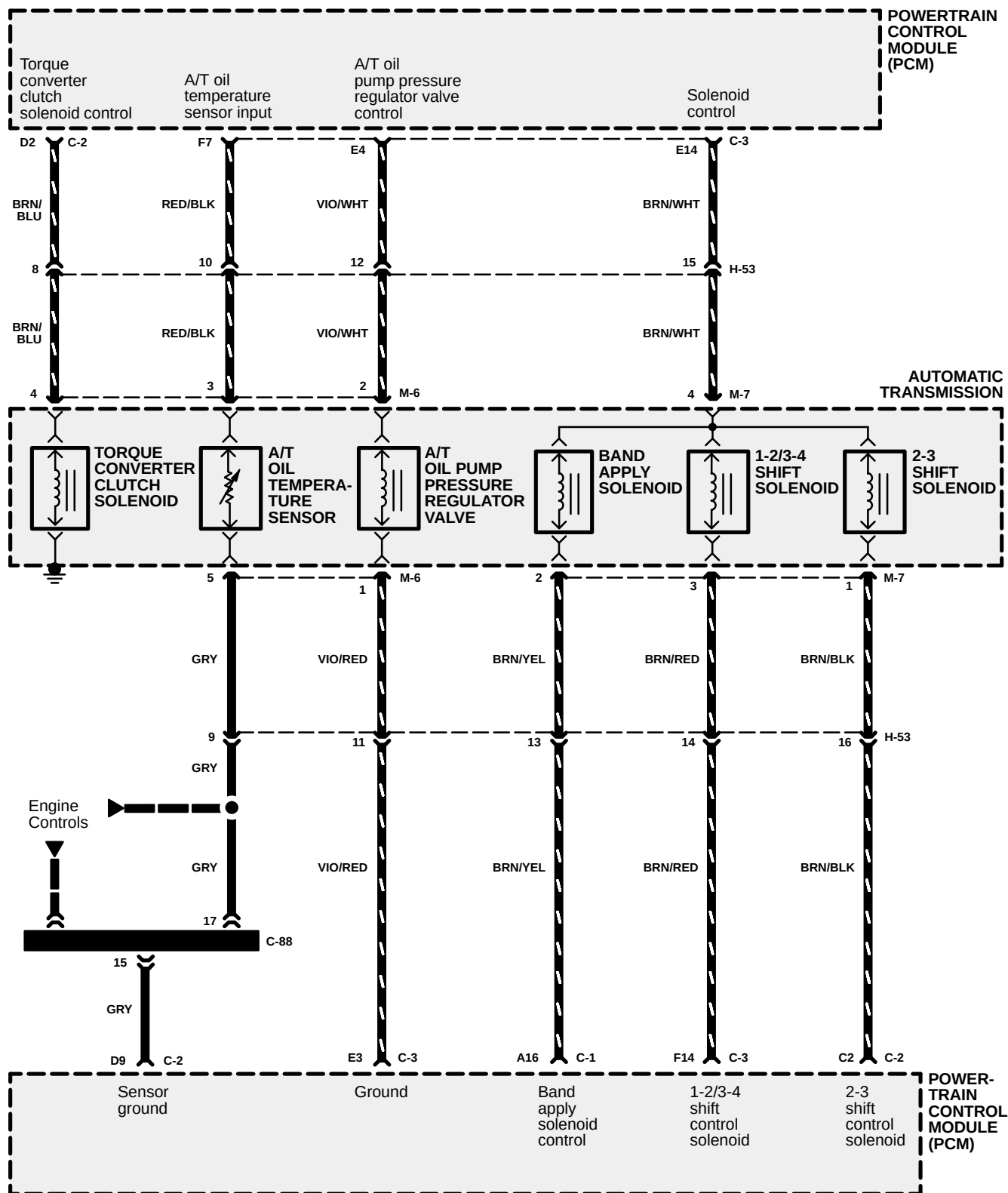
AUTOMATIC TRANSMISSION CONTROLS

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	Beneath vehicle, on left side of transmission 43
Brake Switch	Below I/P, on brake pedal support 74
Cruise Control Unit	Behind right kick panel 123
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
Electronic Brake Control	
Module (EBCM)	Right front of engine compartment 41
Fuse/Relay Box	Right side of engine compartment, on inner fender panel 41
Kickdown Switch	Below I/P, on accelerator pedal bracket 59
PCM Main Relay	In fuse/relay box 38
Powertrain Control Module	
(PCM)	Behind front console 63
Transmission Speed Sensor ..	Beneath vehicle, on top of transmission 51

Connector

C-88 (20-BLU) Junction	
Connector	Behind lower cluster assembly, taped to PCM breakout 63
H-5 (16-GRN)	Left side of engine compartment 33
H-7 (20-BRN/WHT)	Below I/P, above left dash side trim panel, on bracket 69
H-9 (20-BLK)	Below I/P, above left dash side trim panel, on bracket 70
H-24 (18-YEL)	Below I/P, above left dash side trim panel, on bracket 70
H-25 (22-BLU)	Below I/P, above left dash side trim panel, on bracket 71
H-41 (16-BLU)	Right front of engine compartment 31
H-42 (16-BLK)	Right front of engine compartment 31
H-53 (16-GRN)	Left front of engine compartment 27
I-9 (30-GRN)	On left top of meter assembly 53
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
M-25 (8-BLK)	On left side of transmission 52

Ground

B-19	Behind top of left dash side trim panel 71
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
E-28	Top left rear of engine 32
E-30	Top right rear of engine 16

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.