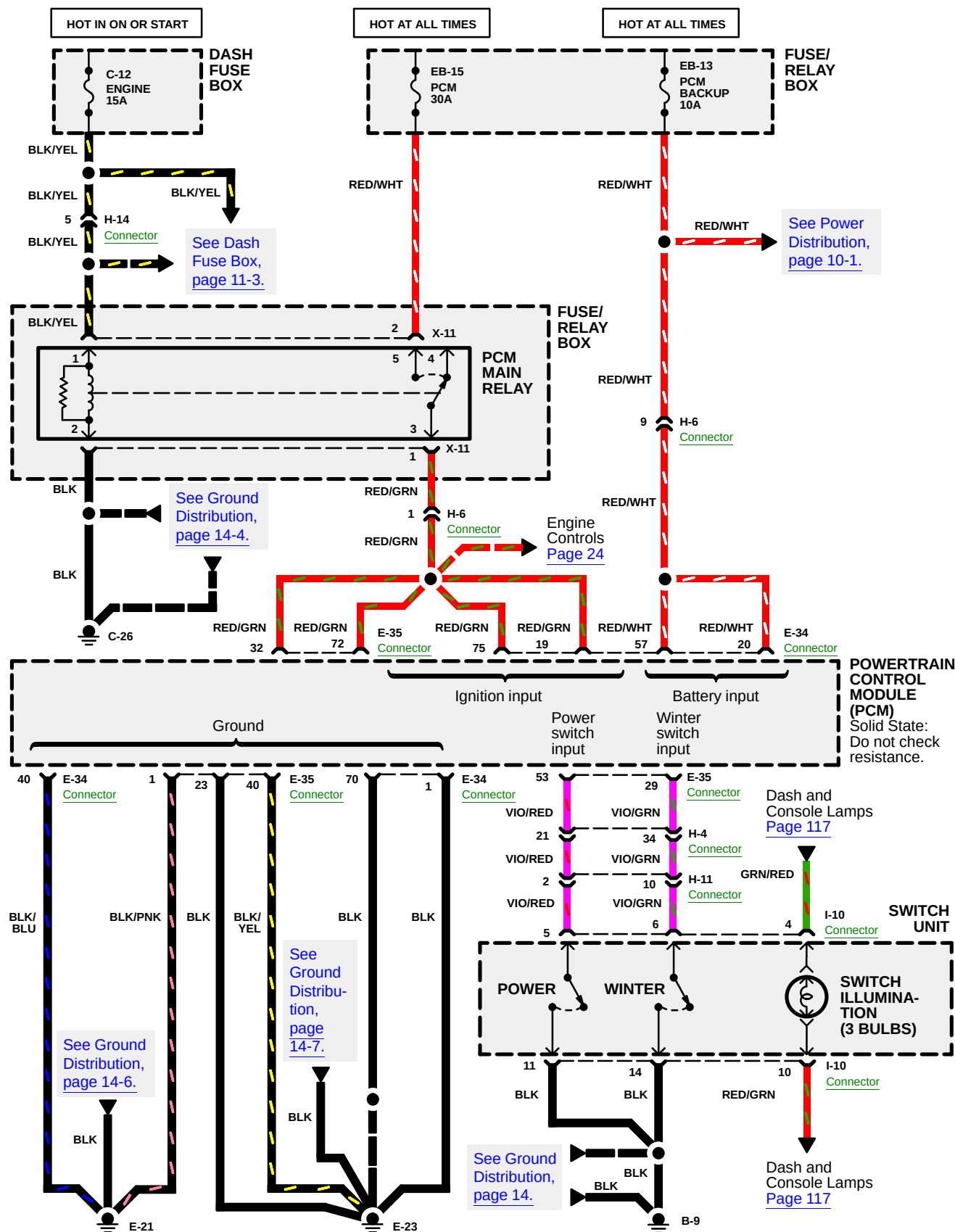


AUTOMATIC TRANSMISSION CONTROLS

Component Index

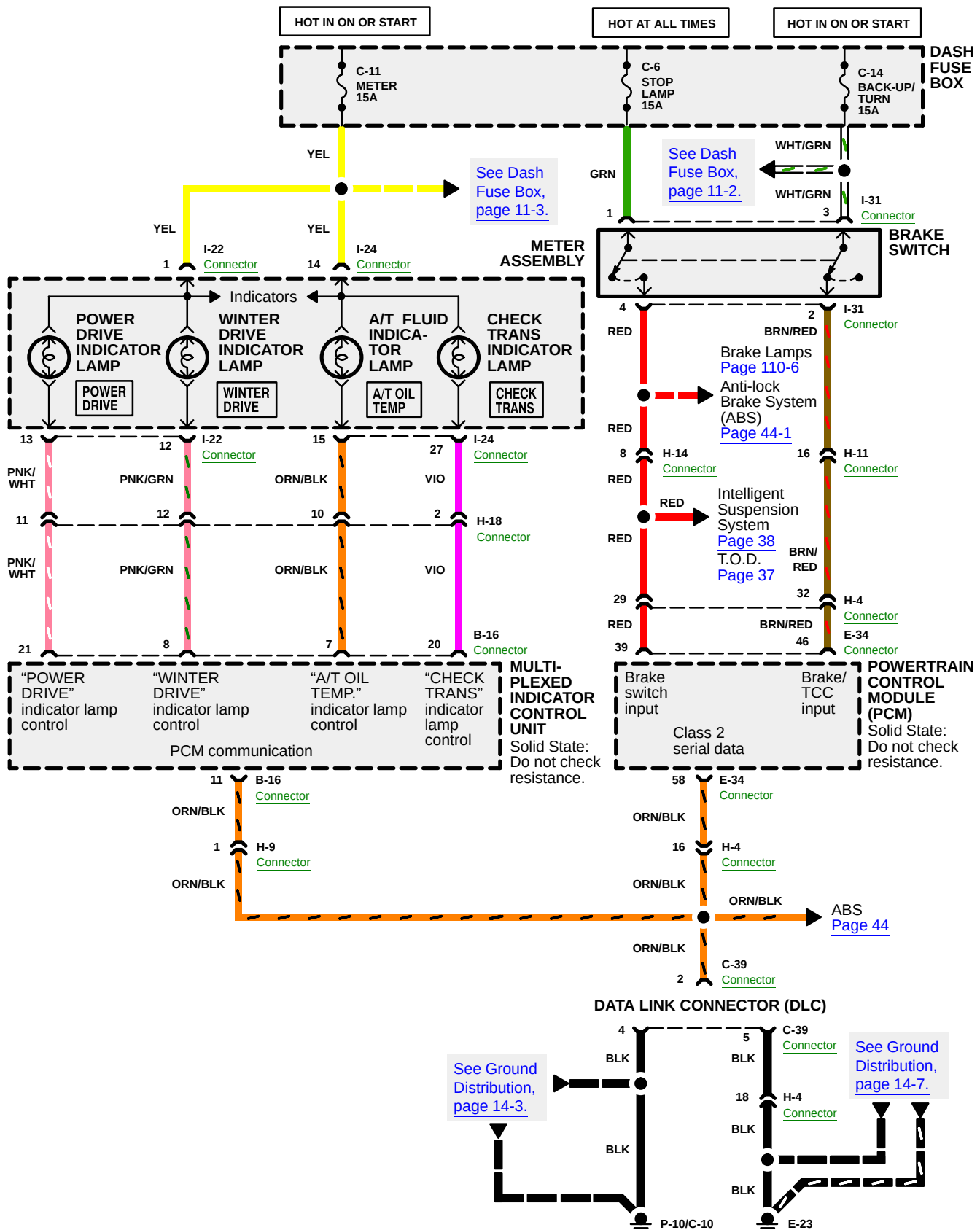
- Automatic Transmission Mode Switch
- Brake Switch
- Dash Fuse Box
- Data Link Connector (DLC) C-39 (16-BLK)
- Fuse/Relay Box
- Meter Assembly
- Multi-plexed Indicator Control Unit
- PCM Main Relay
- Powertrain Control Module (PCM)
- Transmission Speed Sensor

Circuit Schematic



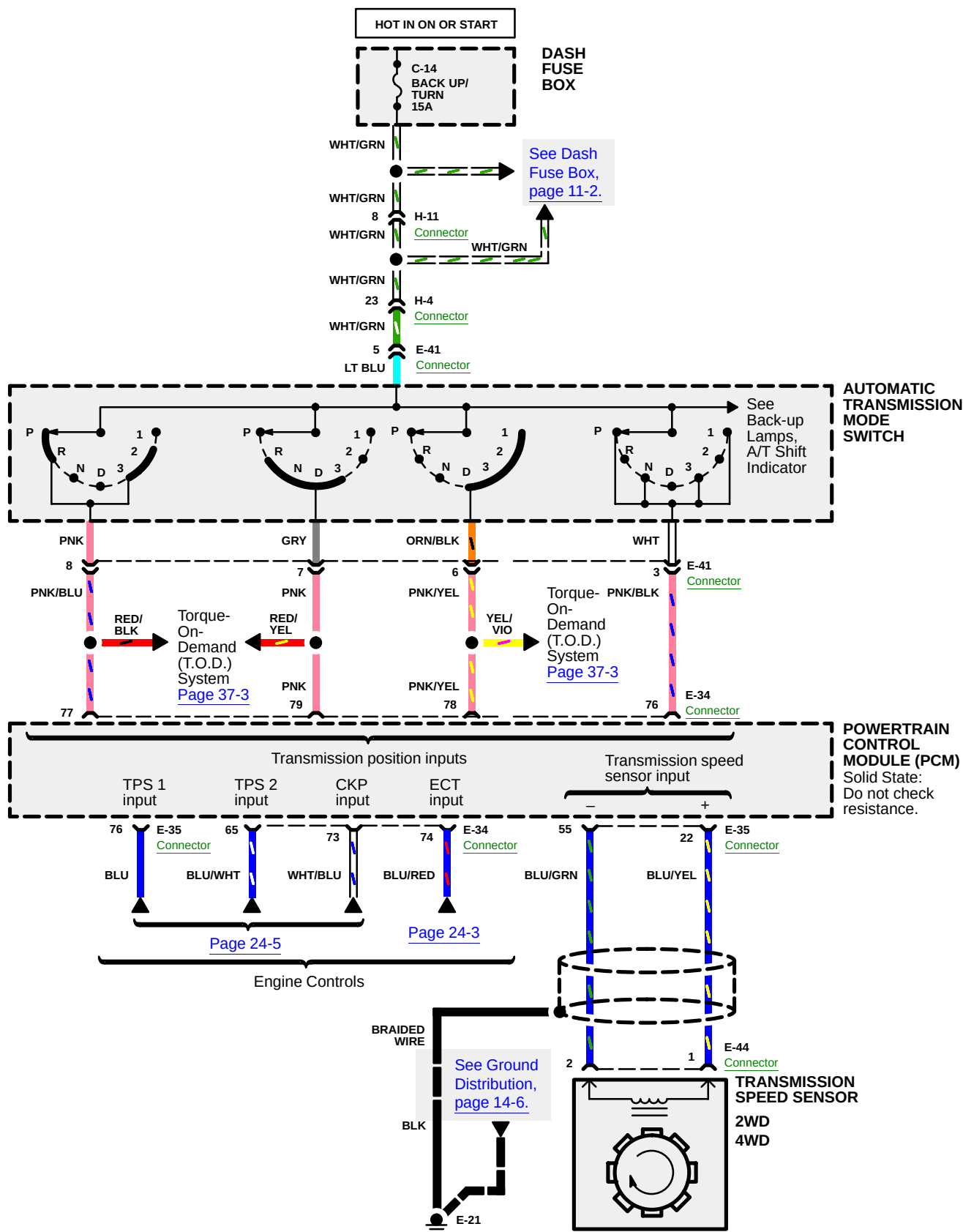
AUTOMATIC TRANSMISSION CONTROLS

Circuit Schematic



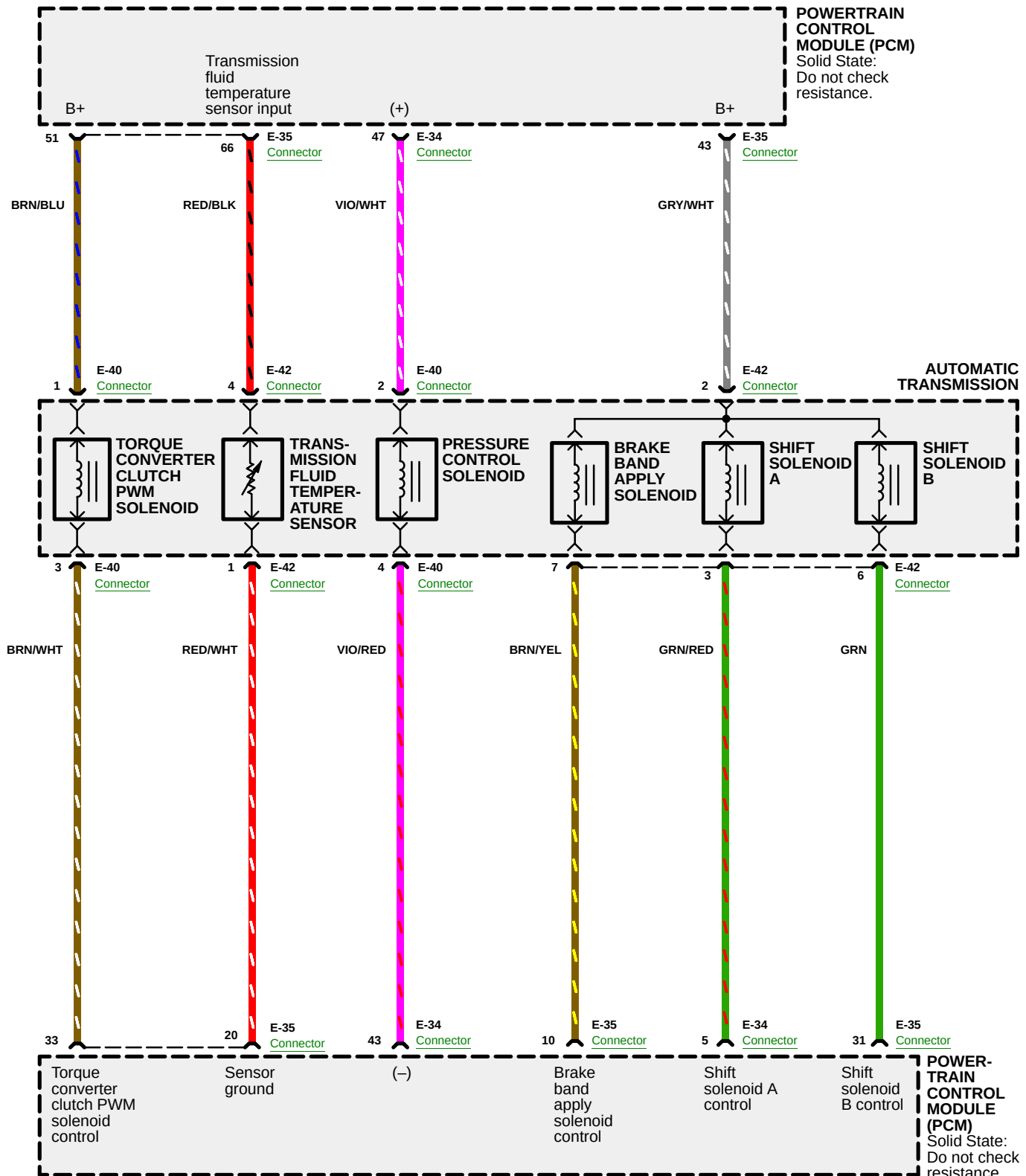
AUTOMATIC TRANSMISSION CONTROLS

Circuit Schematic



AUTOMATIC TRANSMISSION CONTROLS

Circuit Schematic



AUTOMATIC TRANSMISSION CONTROLS

Component Location Index

(Refer to Section 201 for photographs.)

Component	Photo No.
Automatic Transmission	
Mode Switch	Left side of automatic transmission 101
Brake Switch	Below left side of I/P 51
Dash Fuse Box	Behind left I/P side trim panel 42
Data Link Connector (DLC)	
C-39 (16-BLK)	Below left side of I/P, near engine hood release 45
Fuse/Relay Box	Right side of engine compartment 8
Meter Assembly	Left side of I/P 55
Multi-plexed Indicator	
Control Unit	Under rear of console 72
PCM Main Relay	In the fuse & relay box 12
Powertrain Control Module (PCM)	Left side of engine compartment 26
Transmission Speed Sensor (2WD)	On top of the transmission 107
Transmission Speed Sensor (4WD)	On top of the transmission 95
Connector	
E-40 (4-GRY)	Left side of transmission 101
E-41 (8-BLK)	Left side of transmission 101
E-42 (7-BLK)	Left side of transmission 102
H-11 (19-BLK)	Behind left kick panel 46
H-4 (52-GRY)	Left side of engine compartment 31
H-6 (16-BLU)	Left side of engine compartment 31
H-8 (20-BLU)	Behind right kick panel 61
H-14 (19-BLK)	Behind right kick panel 62
H-17 (12-WHT)	Behind right kick panel 61
H-18 (22-BLK)	Behind right kick panel 61
I-10 (14-GRY)	Center of I/P 66
I-22 (14-GRN)	Top of meter assembly 54
I-24 (30-GRN)	Top of meter assembly 54
I-31 (4-WHT)	Below left side of I/P 51
Ground	
B-9	Under center console 71
C-10	At the rear of the battery tray, right side of engine compartment 15
C-26	Left side of engine compartment 25
E-21	Left side of engine 24
E-23	Right side of engine 19
P-10	Right side of engine compartment 15

Circuit Operation

The powertrain control module (PCM) receives inputs from switches and sensors, and controls the functions of transmission mode. The multi-plexed indicator control unit also controls the "POWER DRIVE", "WINTER DRIVE", "A/T OIL TEMP", and "CHECK TRANS" indicator lights and allows for diagnostic testing through the Data Link Connector, (DLC).

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