

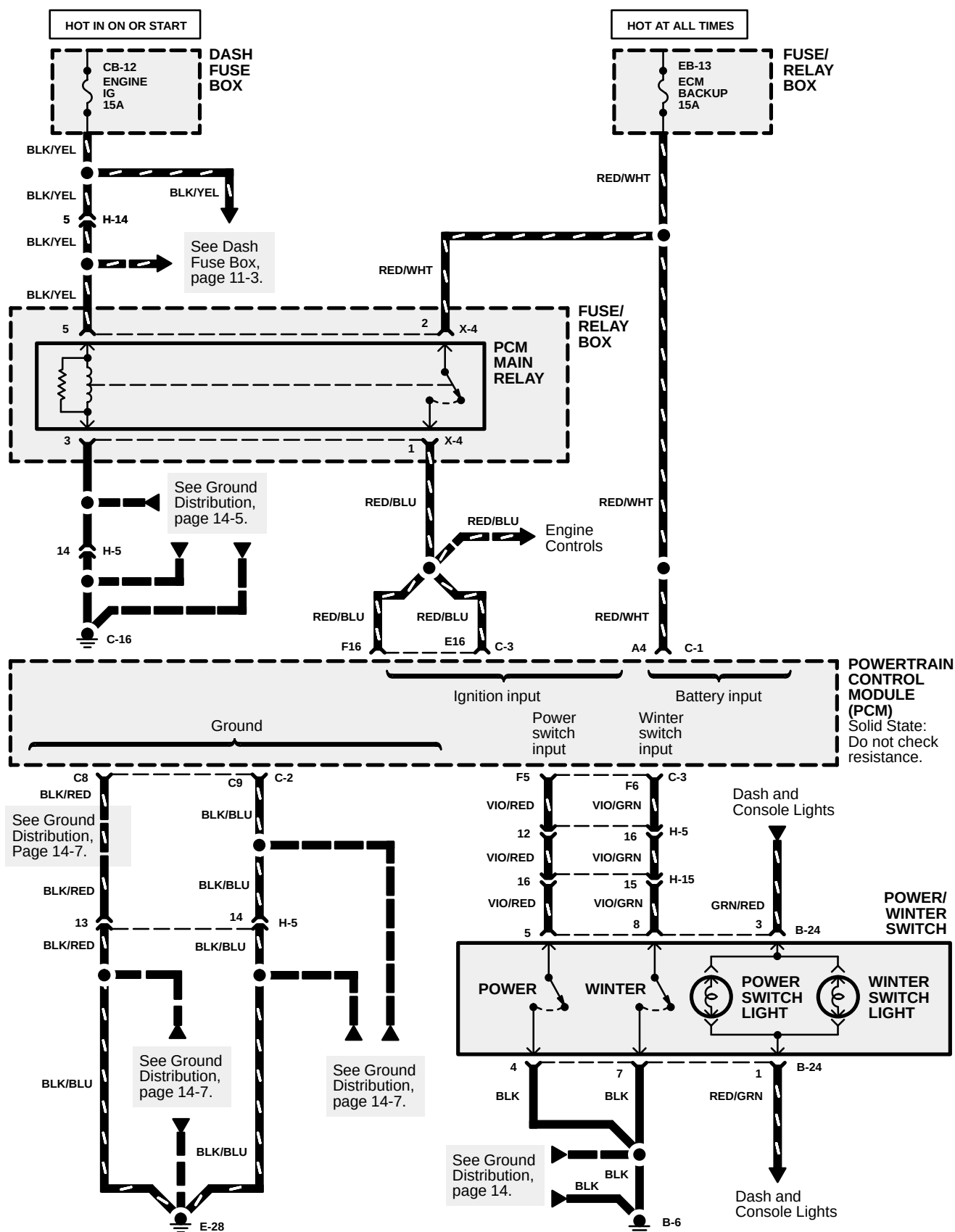
AUTOMATIC TRANSMISSION CONTROLS

Component Index

Automatic Transmission Mode Switch	Kick Down Switch
2.2L	Multi-plexed Indicator Control Unit
3.2L	2.2L
Brake Switch	3.2L
2.2L	PCM Main Relay
3.2L	2.2L
Dash Fuse Box	3.2L
2.2L	Powertrain Control Module (PCM)
3.2L	2.2L
Data Link Connector (DLC)	3.2L
2.2L	Transmission Speed Sensor
3.2L	2.2L
Fuse/Relay Box	3.2L
2.2L	
3.2L	

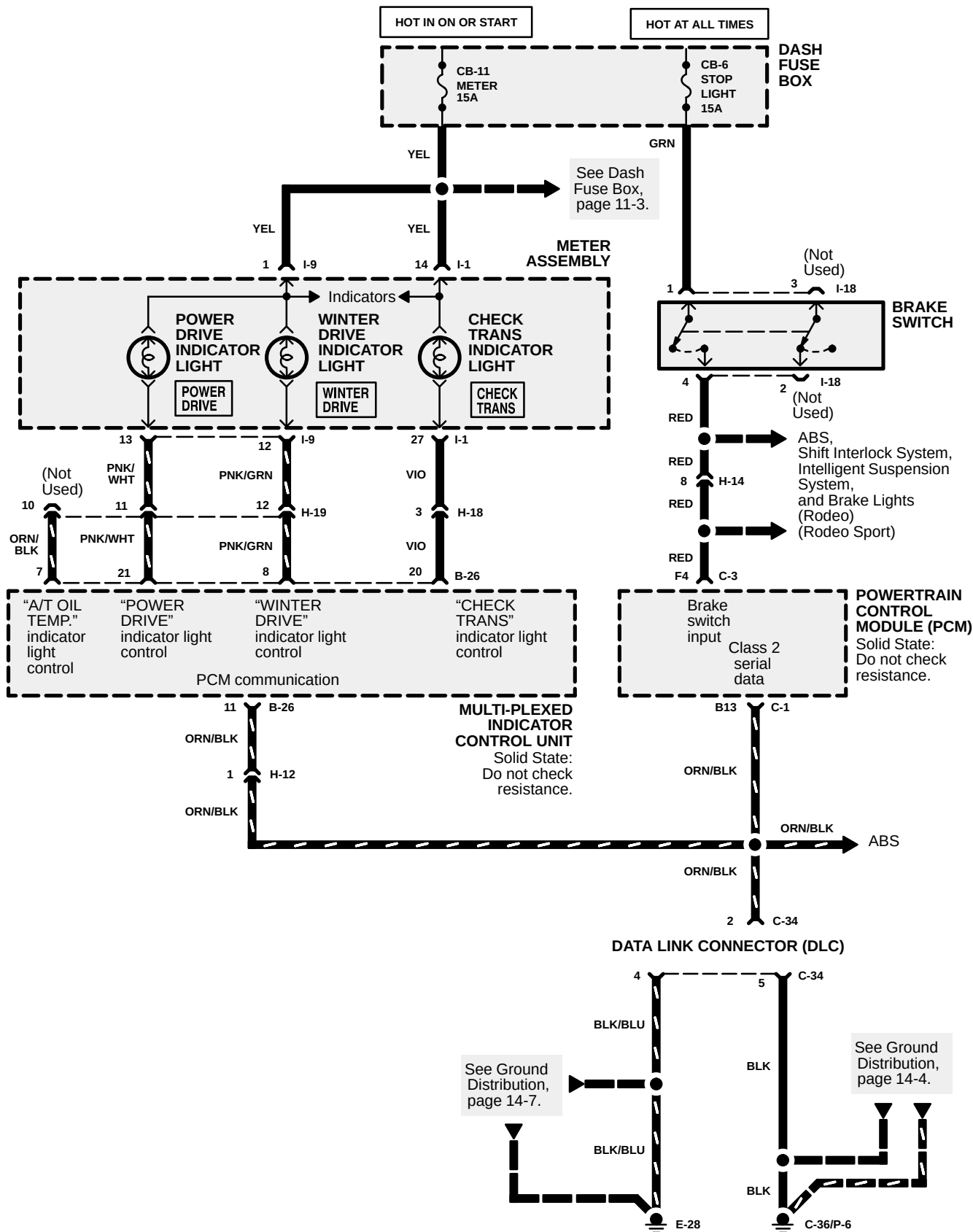
AUTOMATIC TRANSMISSION CONTROLS (2.2L)

Circuit Schematic



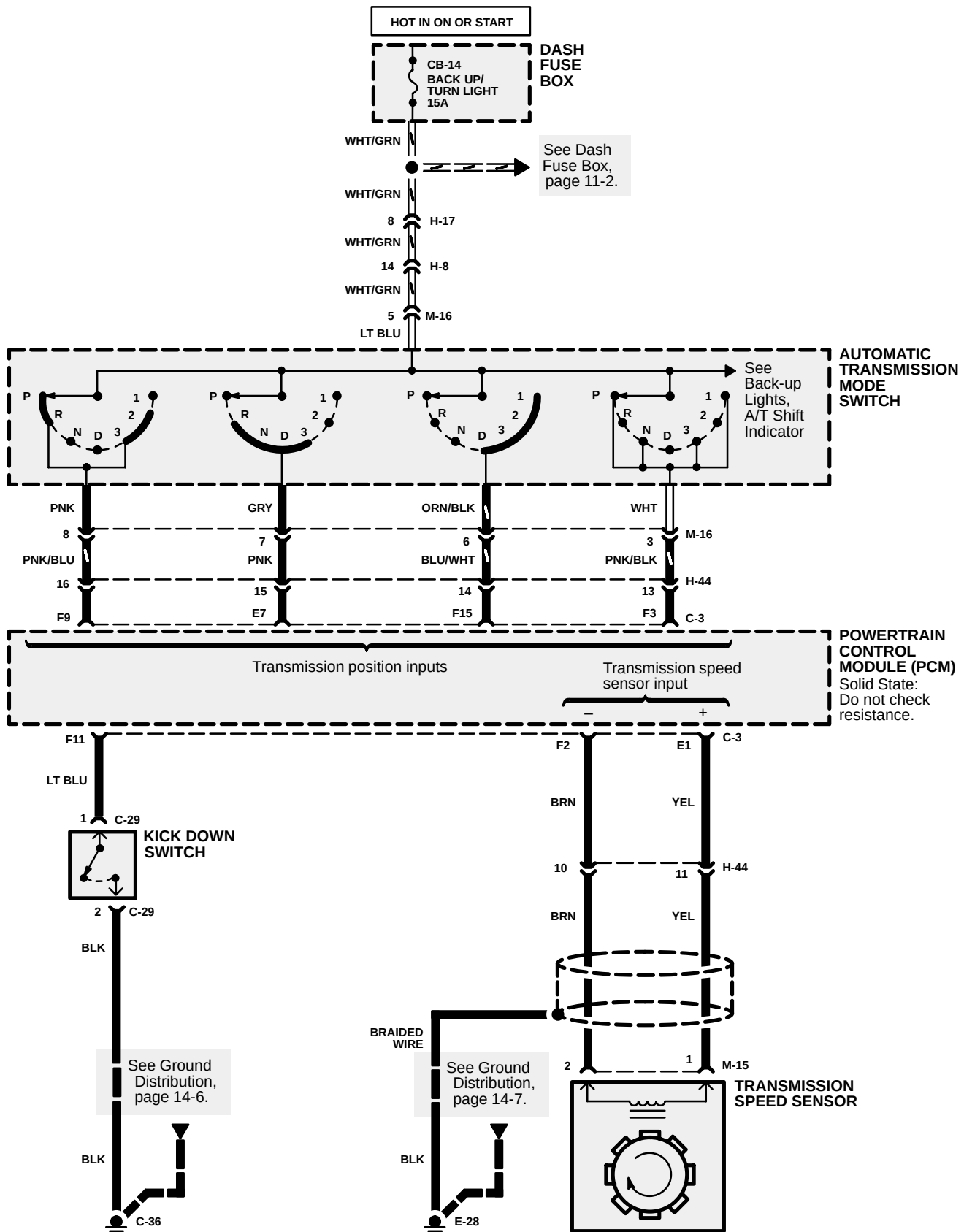
AUTOMATIC TRANSMISSION CONTROLS (2.2L)

Circuit Schematic



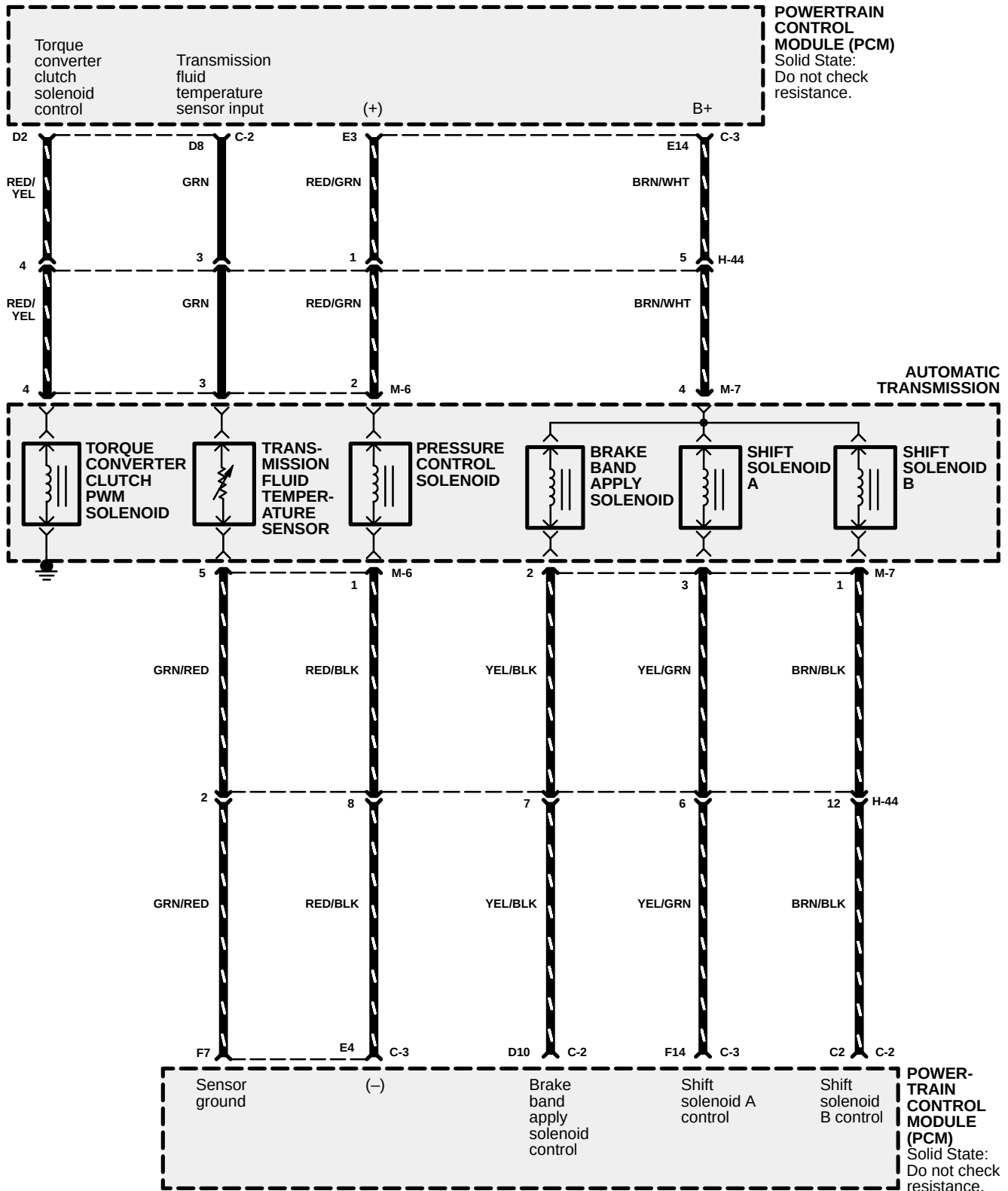
AUTOMATIC TRANSMISSION CONTROLS (2.2L)

Circuit Schematic



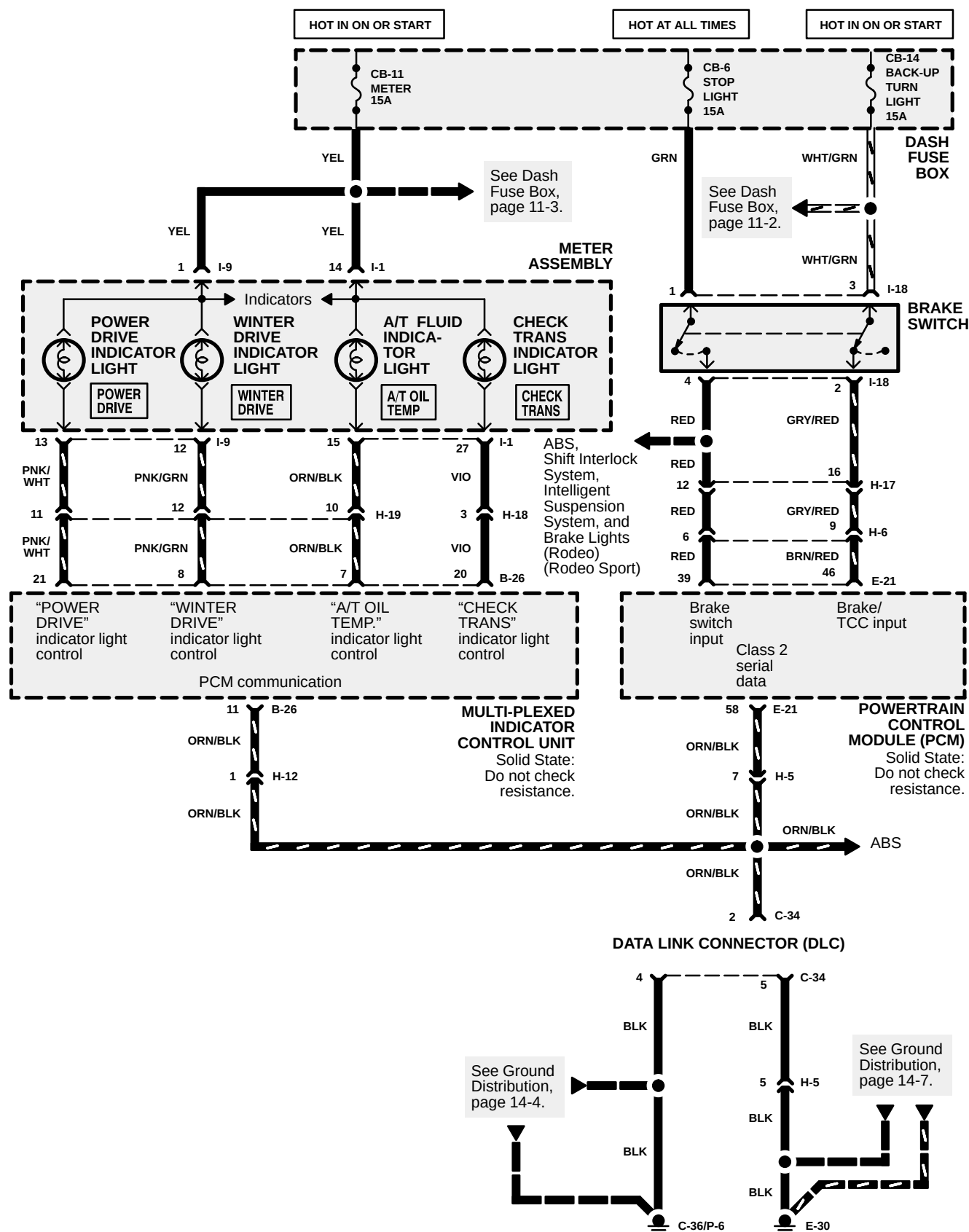
AUTOMATIC TRANSMISSION CONTROLS (2.2L)

Circuit Schematic



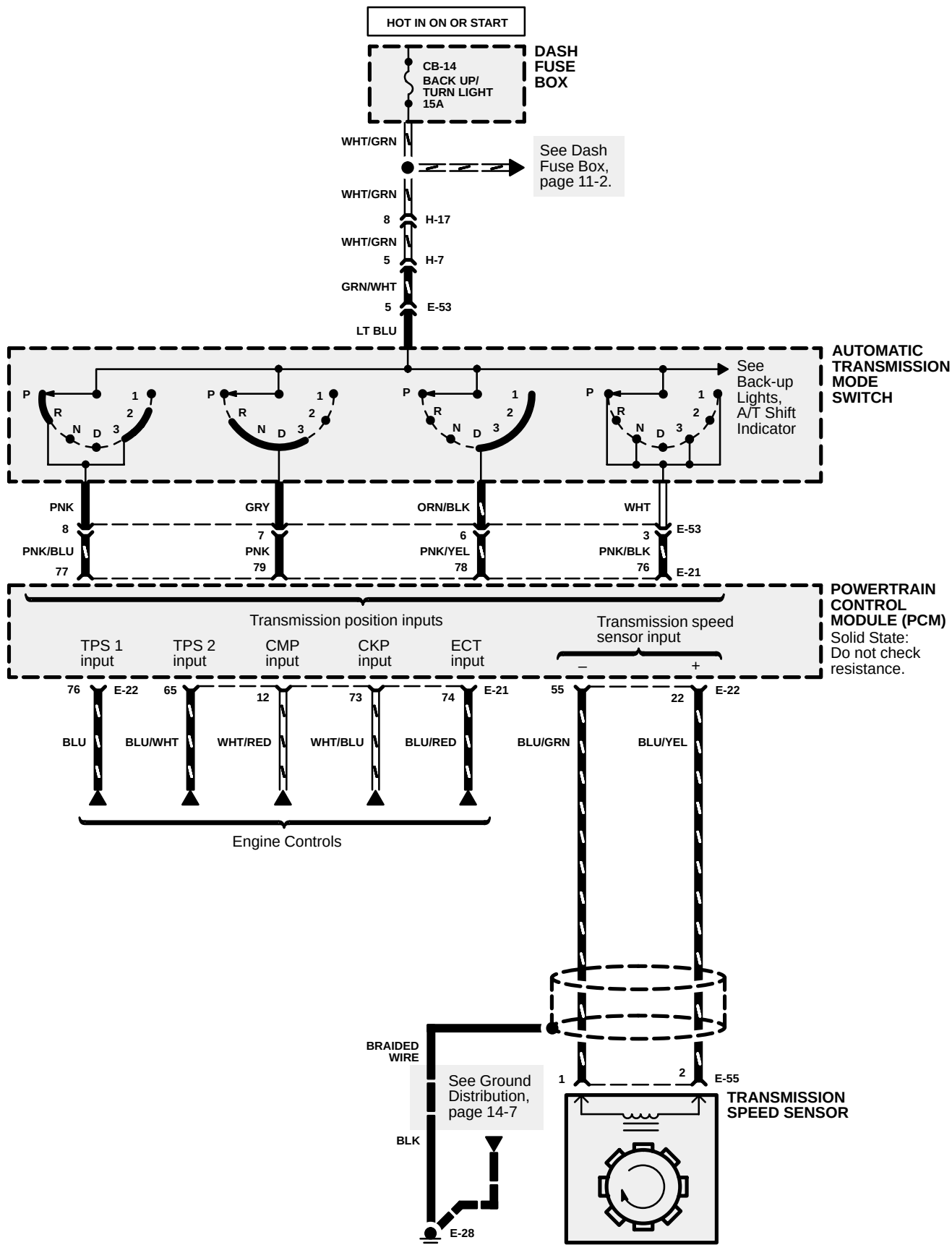
AUTOMATIC TRANSMISSION CONTROLS (3.2L)

Circuit Schematic



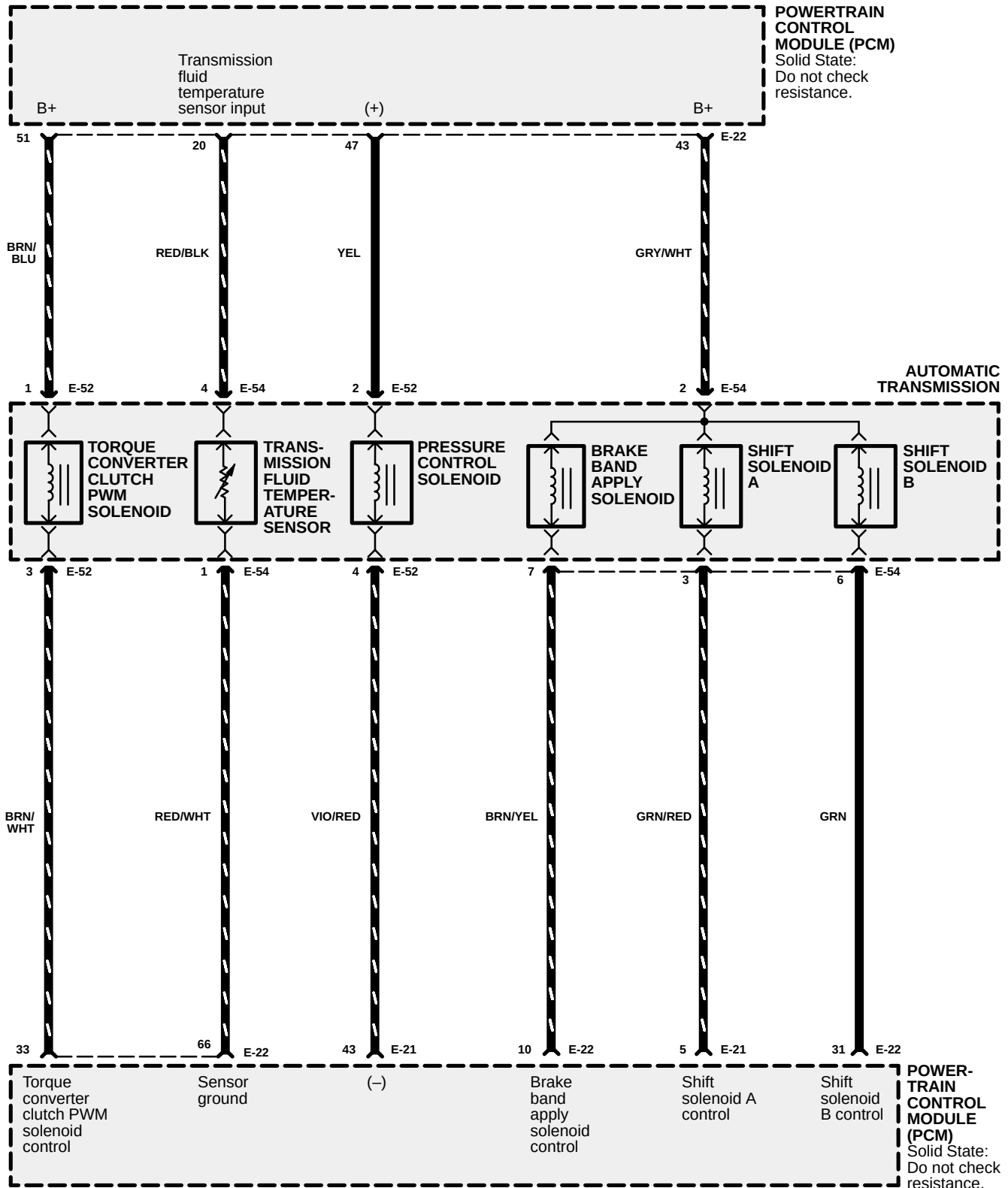
AUTOMATIC TRANSMISSION CONTROLS (3.2L)

Circuit Schematic



AUTOMATIC TRANSMISSION CONTROLS (3.2L)

Circuit Schematic



AUTOMATIC TRANSMISSION CONTROLS

Component Location Index

(Refer to Section 201 for photographs.)

Component	Photo No.
Automatic Transmission Mode	
Switch	Beneath center of vehicle, on left side of transmission 110
Brake Switch	Behind left side of I/P, on brake pedal support 68
Dash Fuse Box	Left side of I/P, behind panel 58
Data Link Connector (DLC)	
C-34	Below left side of I/P, near engine hood release 61
Fuse/Relay Box	Right side of engine compartment, on inner fender panel 14
Kick Down Switch	Below left side of dash 68
Multi-plexed Indicator	
Control Unit	Below rear of center console 79
PCM Main Relay	Right side of engine compartment, in fuse/relay box 16
Powertrain Control Module	
(PCM) (2.2L)	Below center of dash, console removed 73
Powertrain Control Module	
(PCM) (3.2L)	Left side of engine compartment 44
Transmission Speed Sensor	
(3.2L)	Beneath center of vehicle, on top of transmission 109
Transmission Speed Sensor	
(2.2L)	Left rear of transmission 142
Connector	
E-52 (4-GRY)	Left side of transmission 110
E-53 (8-BLK)	Left side of transmission 110
E-54 (7-GRY)	Left side of transmission 111
H-5 (16-GRN)	Left side of engine compartment 27
H-6 (16-BLU)	Left side of engine compartment 27
H-7 (16-WHT)	Left side of engine compartment 27
H-12 (20-BLU)	Below right side of I/P, behind kick panel 80
H-14 (19-BLK)	Below right side of I/P, behind kick panel 82
H-15 (20-BLU)	Behind left kick panel 63
H-17 (19-BLK)	Behind left kick panel 62
H-18 (22-WHT)	Behind right kick panel 80
H-44 (16-GRN)	Lower right rear of engine 18
I-1 (30-GRN)	Behind left side of I/P, on top of meter assembly 86
I-9 (14-GRN)	Behind left side of I/P, on top of meter assembly 86
M-16 (8-BLK)	Left side of transmission 110
Ground	
B-6	Below center console 81
C-16	Left rear corner of engine compartment, on inner fender panel 43
C-36	Right side of engine compartment, behind battery 13
E-28	Left side of intake manifold 54
E-30	Right side of intake manifold 21
P-6	Right side of engine compartment, behind battery 13

AUTOMATIC TRANSMISSION CONTROLS

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.