

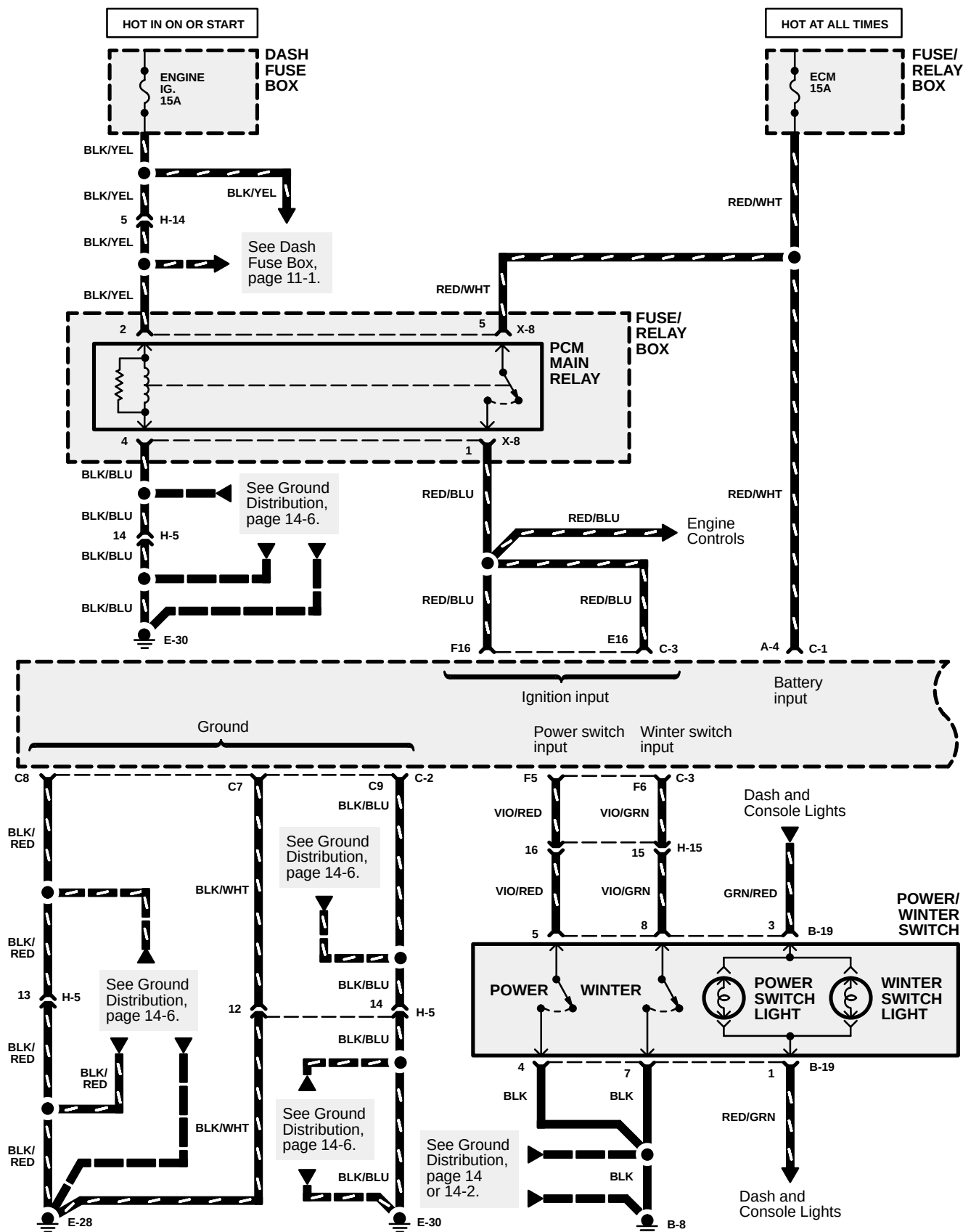
AUTOMATIC TRANSMISSION CONTROLS

Component Index

- Automatic Transmission Mode Switch
- Brake Switch
- Dash Fuse Box
- Data Link Connector (DLC)
 - C-34 (16-BLK)
- Fuse/Relay Box
- Kickdown Switch
- PCM Main Relay
- Powertrain Control Module (PCM)
- Transmission Speed Sensor

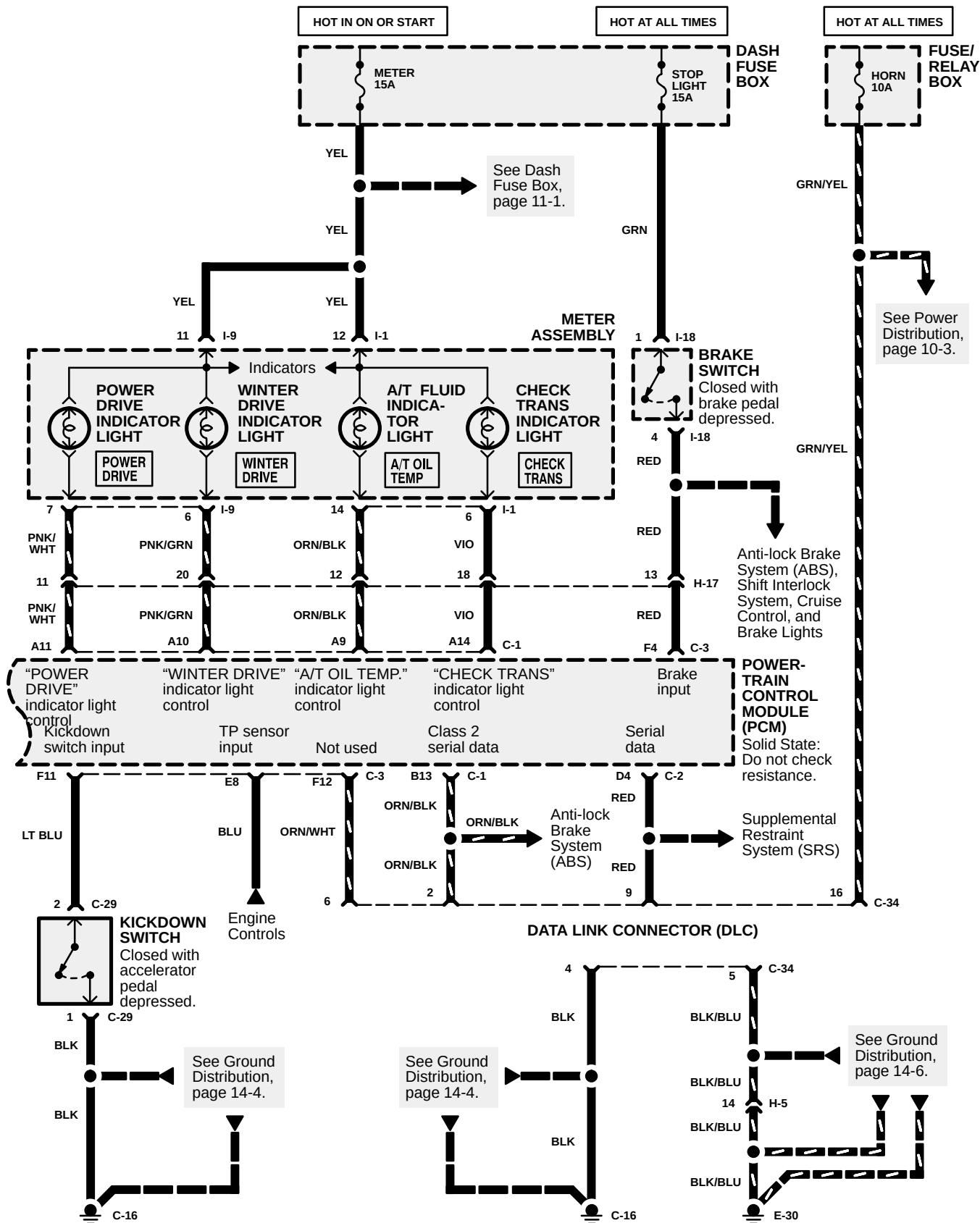
AUTOMATIC TRANSMISSION CONTROLS

Circuit Schematic



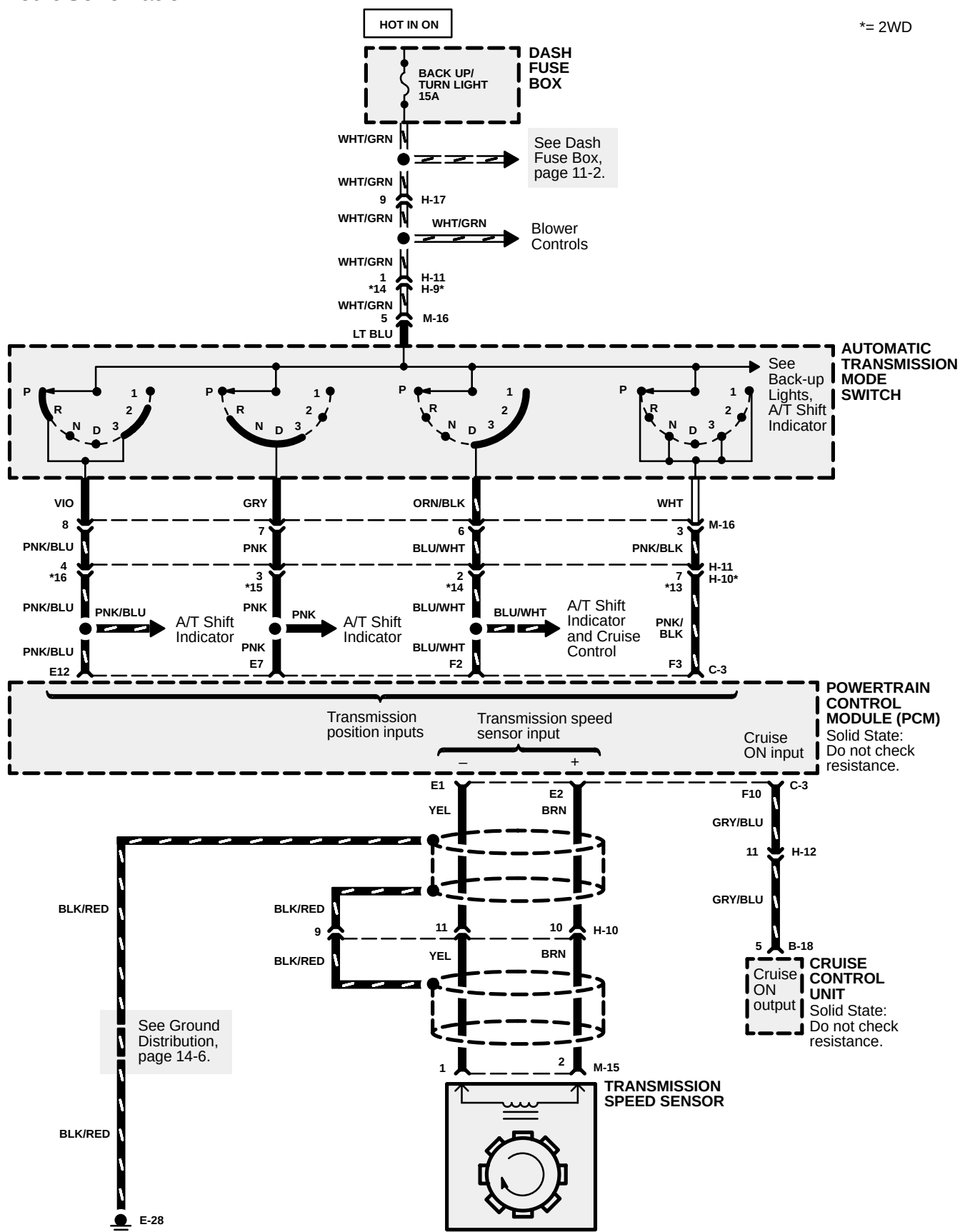
AUTOMATIC TRANSMISSION CONTROLS

Circuit Schematic



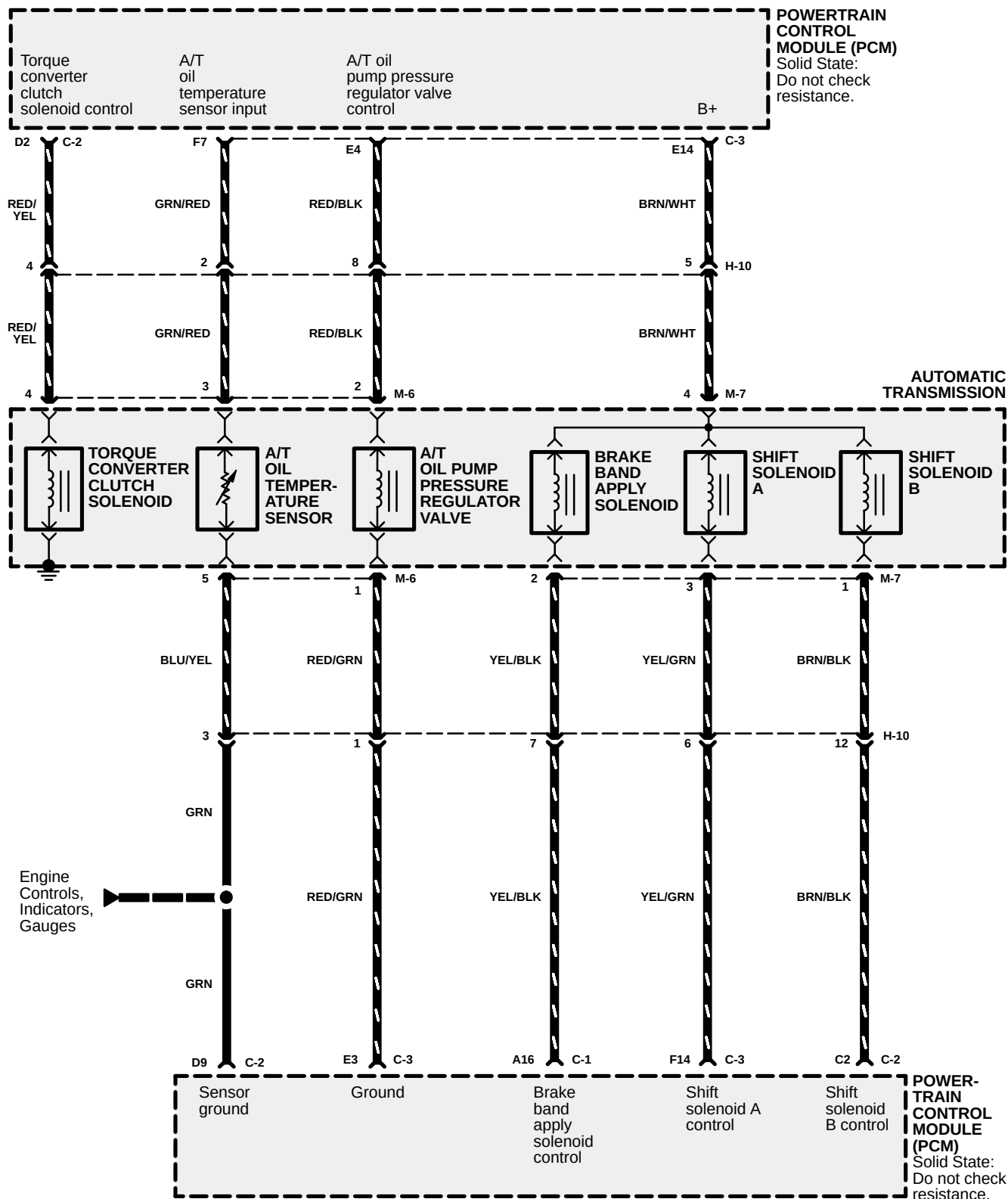
AUTOMATIC TRANSMISSION CONTROLS

Circuit Schematic



AUTOMATIC TRANSMISSION CONTROLS

Circuit Schematic



AUTOMATIC TRANSMISSION CONTROLS

Component Location Index

(Refer to Section 201 for photographs.)

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 (16-BLK)	Below left side of I/P, near engine hood release 61
Fuse/Relay Box	Right side of engine compartment, on inner fender panel 20
Kickdown Switch	Behind left side of I/P, on accelerator pedal bracket 68
PCM Main Relay	Right side of engine compartment, in fuse/relay box 21
Powertrain Control Module (PCM)	Below center of I/P 73
Transmission Speed Sensor	Beneath center of vehicle, on top of transmission 109
Connector	
C-37 (22-WHT)	Center of dash, below PCM 123
H-5 (16-GRN)	Left side of engine compartment, below brake fluid reservoir 11
H-10 (16-GRN)	Lower left front of engine compartment 9
H-11 (12-BLK)	Lower left front of engine compartment 9
H-12 (20-BLU)	Below right side of I/P, behind kick panel 75
H-14 (19-BLK)	Below right side of I/P, behind kick panel 75
H-15 (20-BLU)	Behind left kick panel 63
H-17 (20-BLK)	Behind left kick panel 62
I-1 (16-WHT)	Behind left side of I/P, on rear of meter assembly 70
I-2 (14-BLK)	Behind left side of I/P, on rear of meter assembly 70
I-9 (12-BLK)	Behind left side of I/P, on rear of meter assembly 70
M-6 (5-BLK)	Left side of transmission 110
M-7 (4-GRY)	Right side of transmission 111
M-16 (8-BLK)	Left side of transmission 110
Ground	
B-8	Below center console 81
C-16	Left rear corner of engine compartment, on inner fender panel 14
E-28	Left side of engine 51
E-30	Top right rear of engine 55

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", "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.