

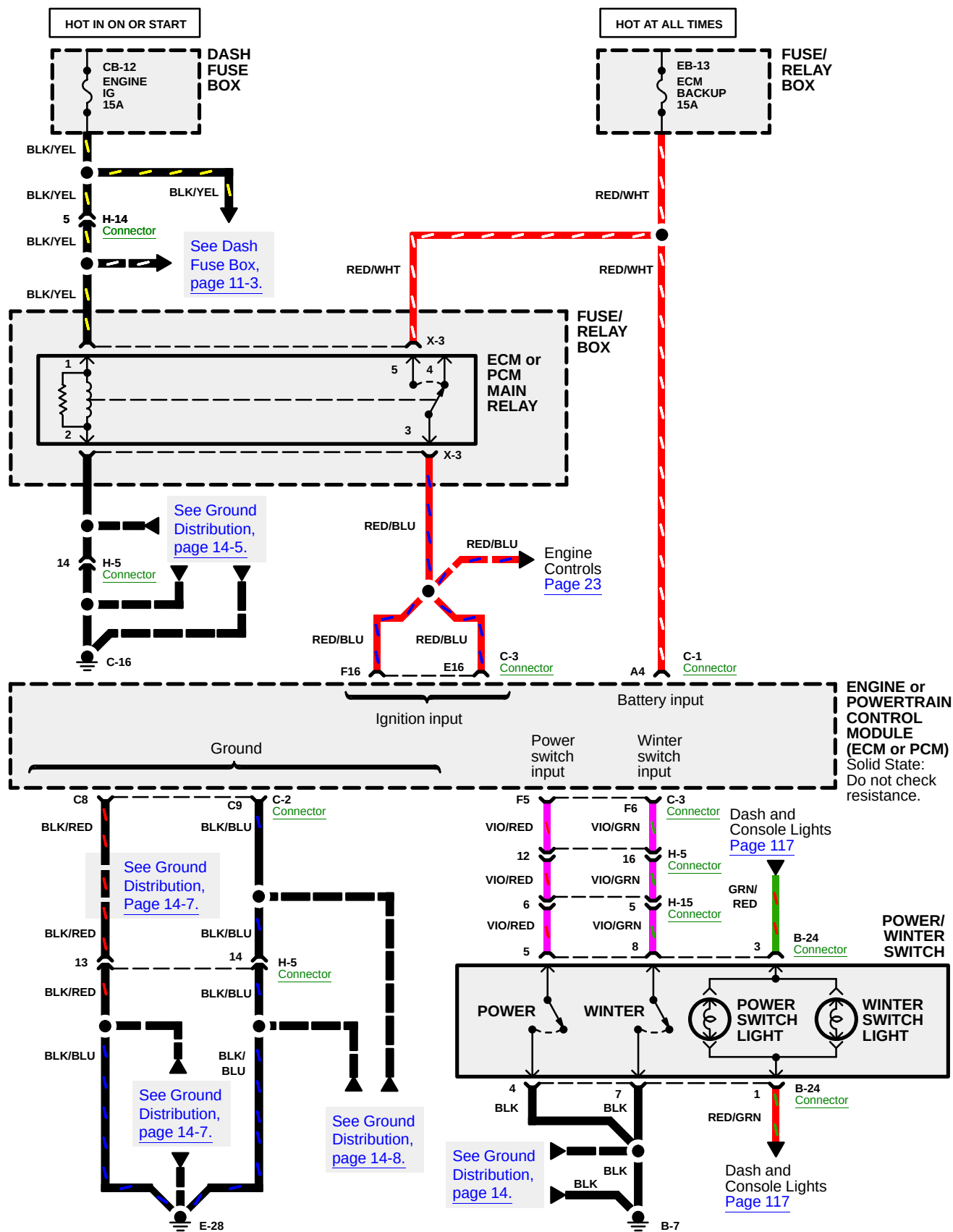
AUTOMATIC TRANSMISSION CONTROLS

Component Index

Alarm and Relay Control Unit	Meter Assembly
Automatic Transmission (8-WHT)	2.2L
2.2L	3.2L
3.2L	Multi-plexed Indicator Control Unit
Automatic Transmission Mode Switch	ECM or PCM Main Relay
Brake Switch	Engine or Powertrain Control Module (ECM or PCM)
2.2L	(2.2L)
3.2L	Engine Control Module (ECM) (3.2L)
Dash Fuse Box	Input Revolution Sensor (2-BLU)
2.2L	Oil Temp Sensor (2-GRY)
3.2L	Output Revolution Sensor (2-BLU)
Data Link Connector (DLC) C-34 (16-BLK)	Power/Winter Switch
2.2L	2.2L
3.2L	3.2L
Fuse/Relay Box	Transmission Control Module
2.2L	Transfer Control Unit
3.2L	Transmission Speed Sensor
Kick Down Switch (2.2L)	

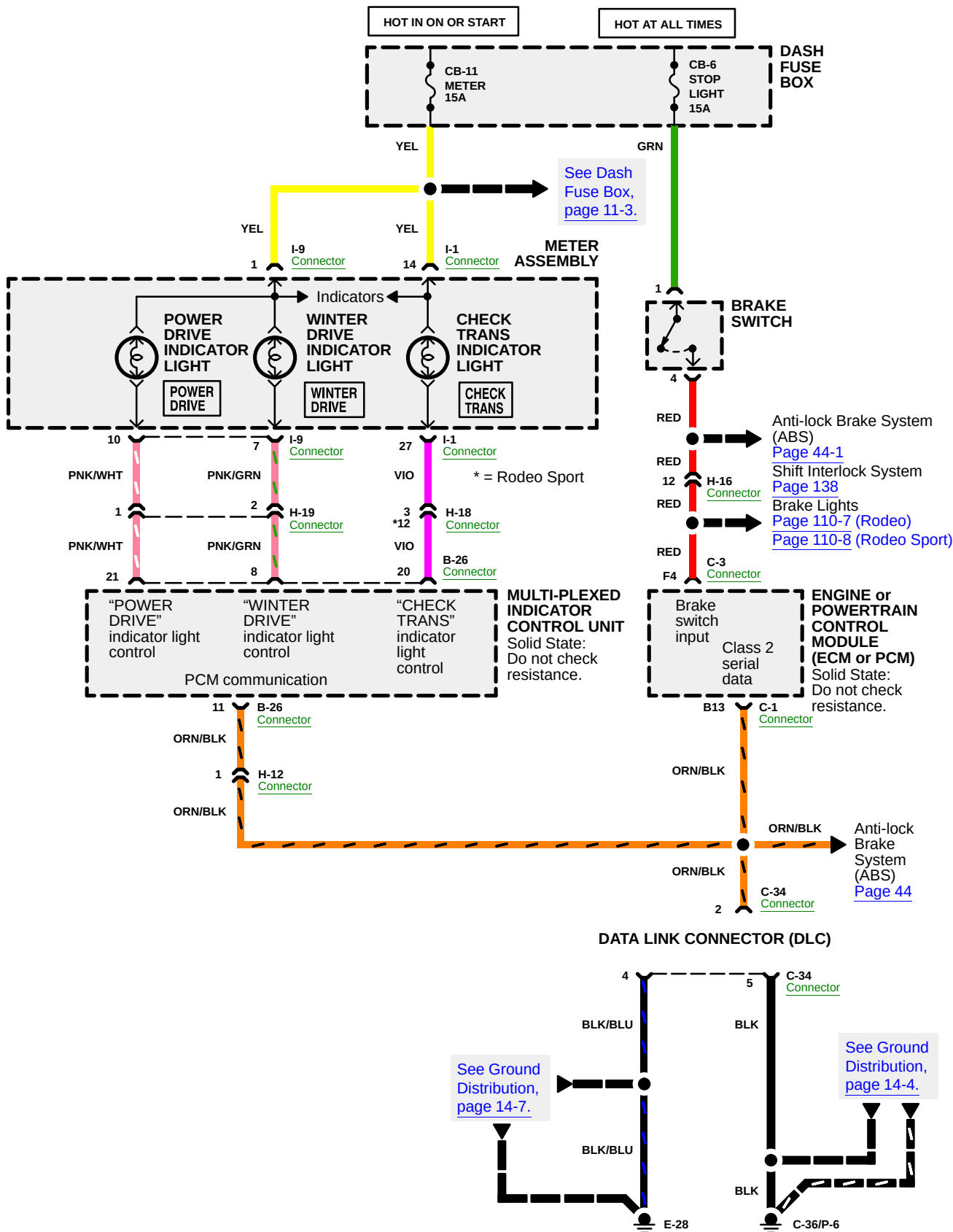
AUTOMATIC TRANSMISSION CONTROLS: 2.2L

Circuit Schematic



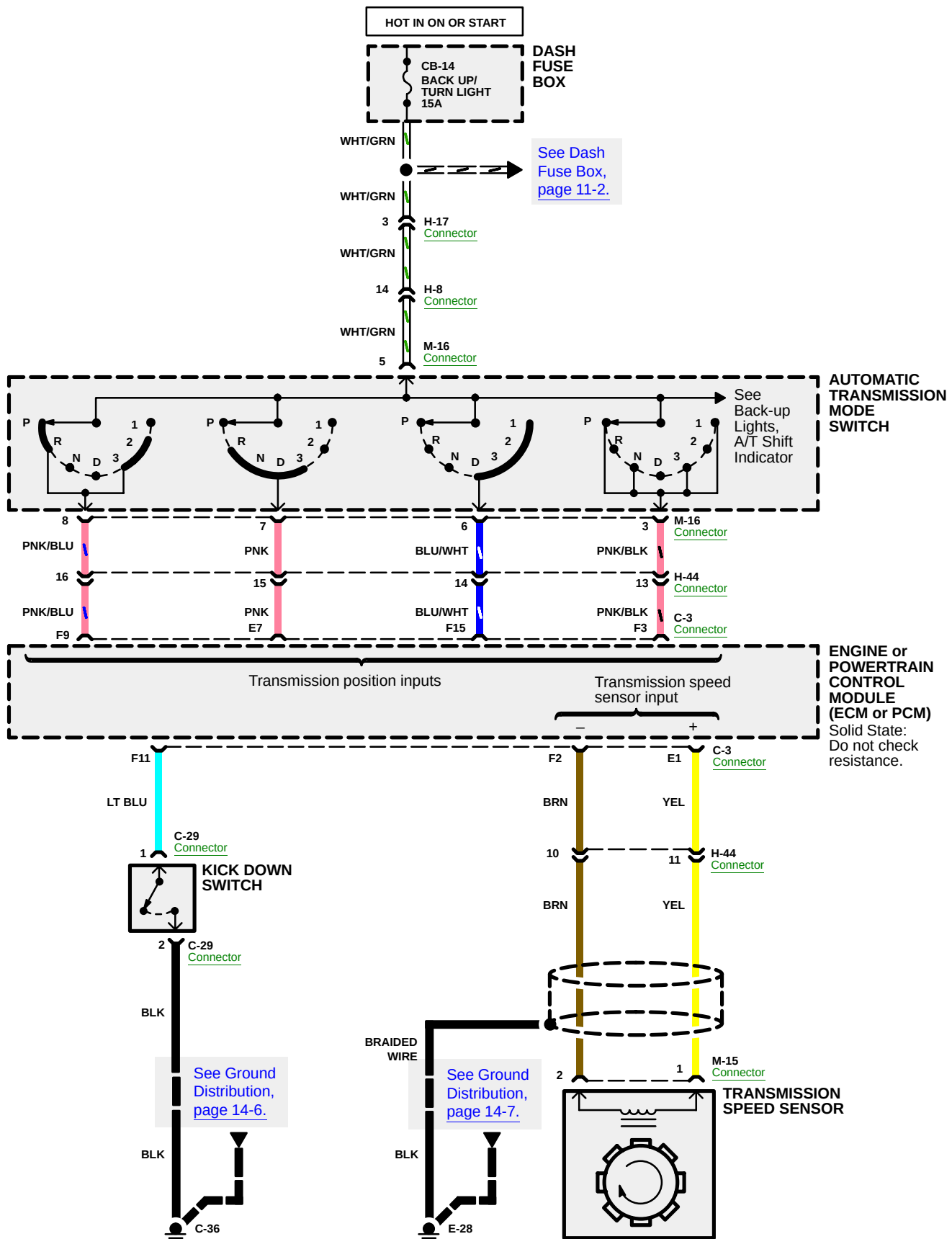
AUTOMATIC TRANSMISSION CONTROLS: 2.2L

Circuit Schematic



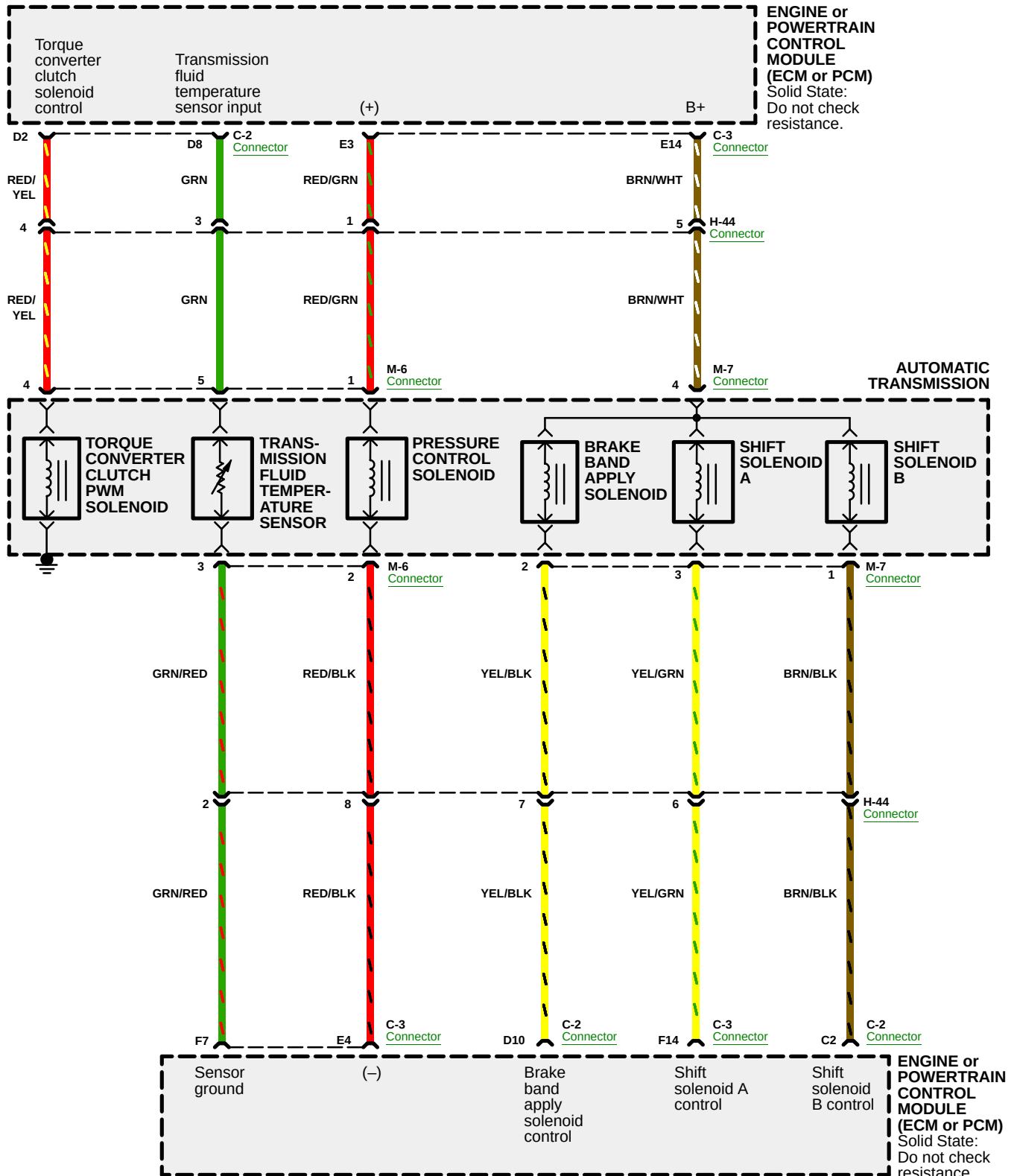
AUTOMATIC TRANSMISSION CONTROLS: 2.2L

Circuit Schematic



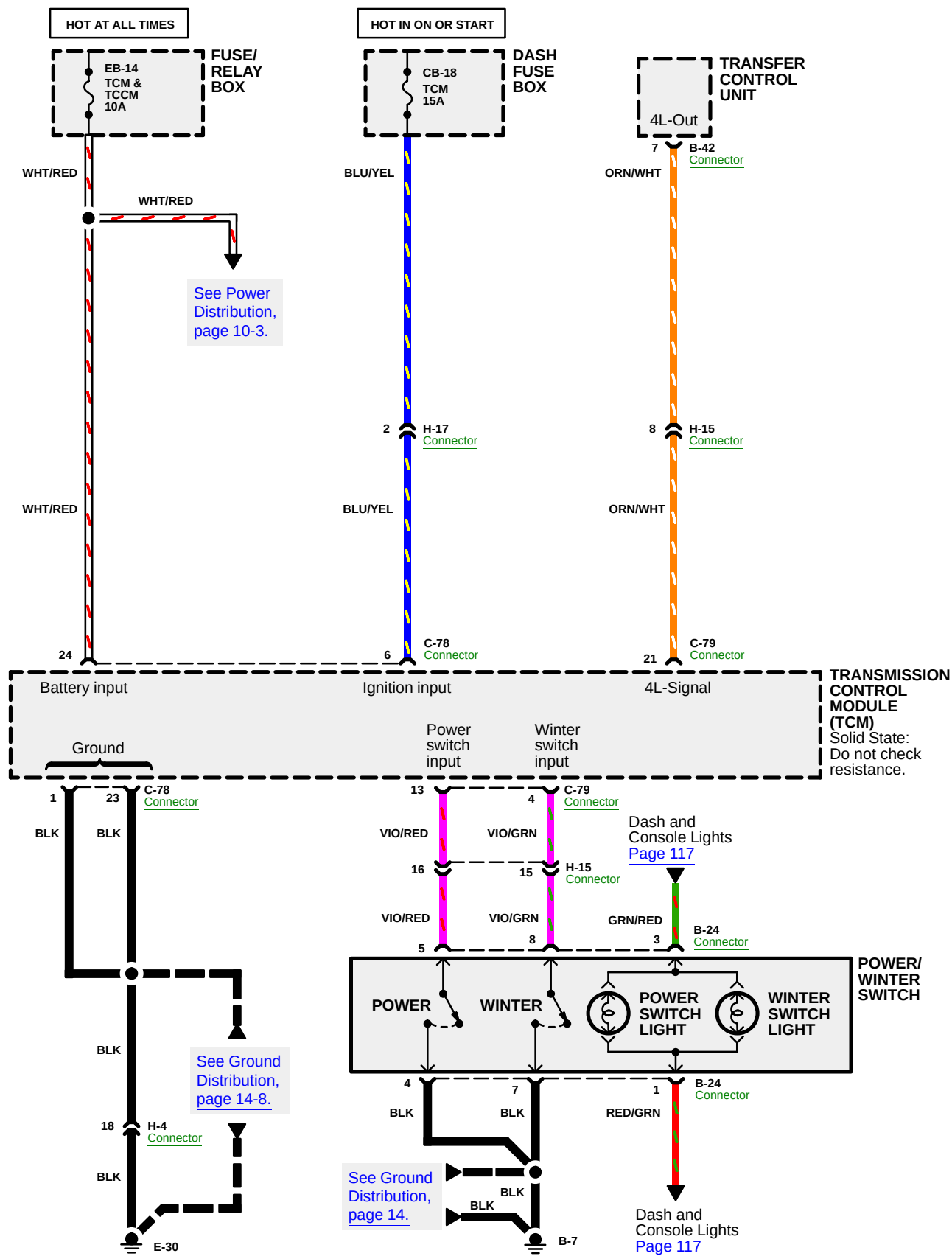
AUTOMATIC TRANSMISSION CONTROLS: 2.2L

Circuit Schematic



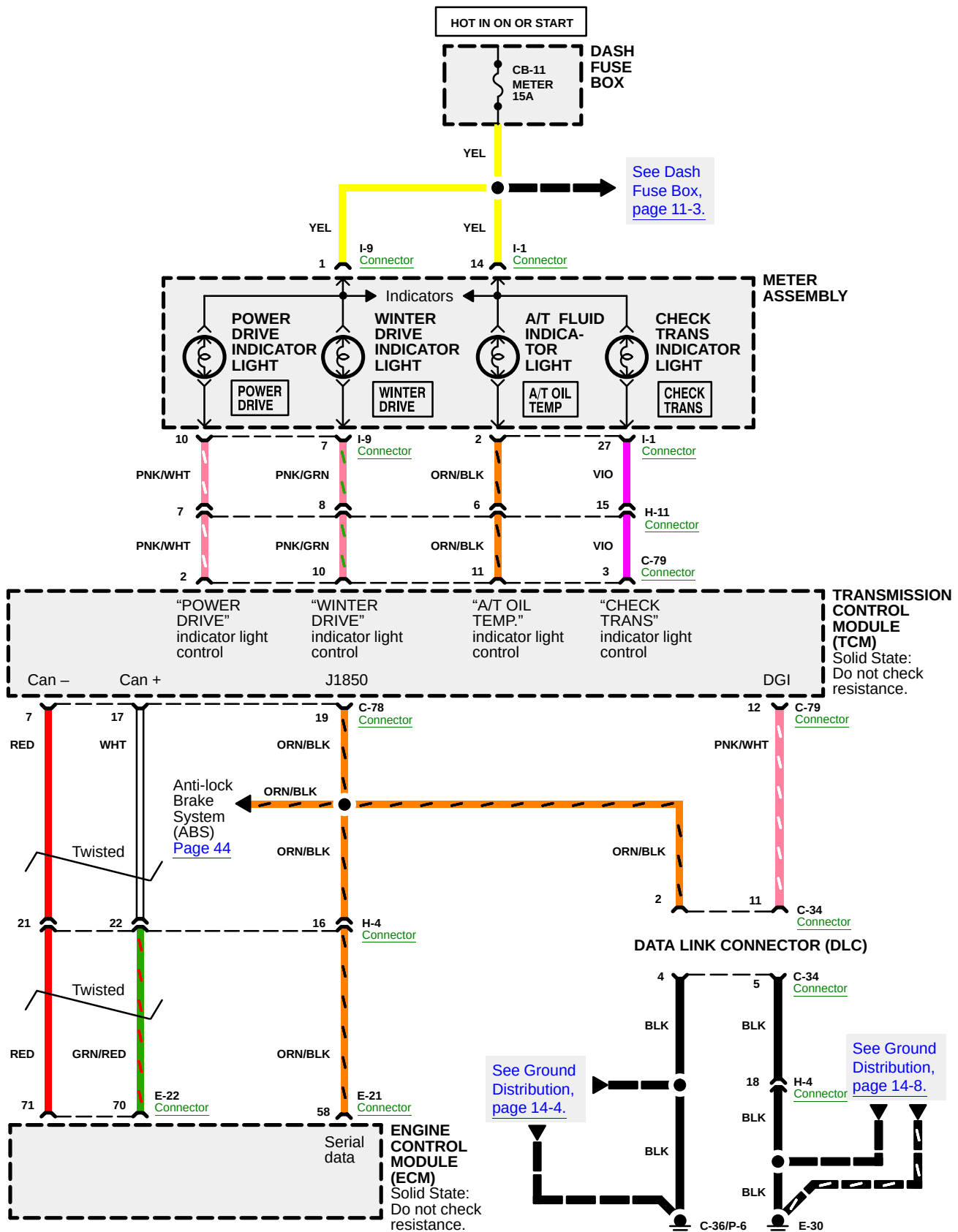
AUTOMATIC TRANSMISSION CONTROLS: 3.2L

Circuit Schematic



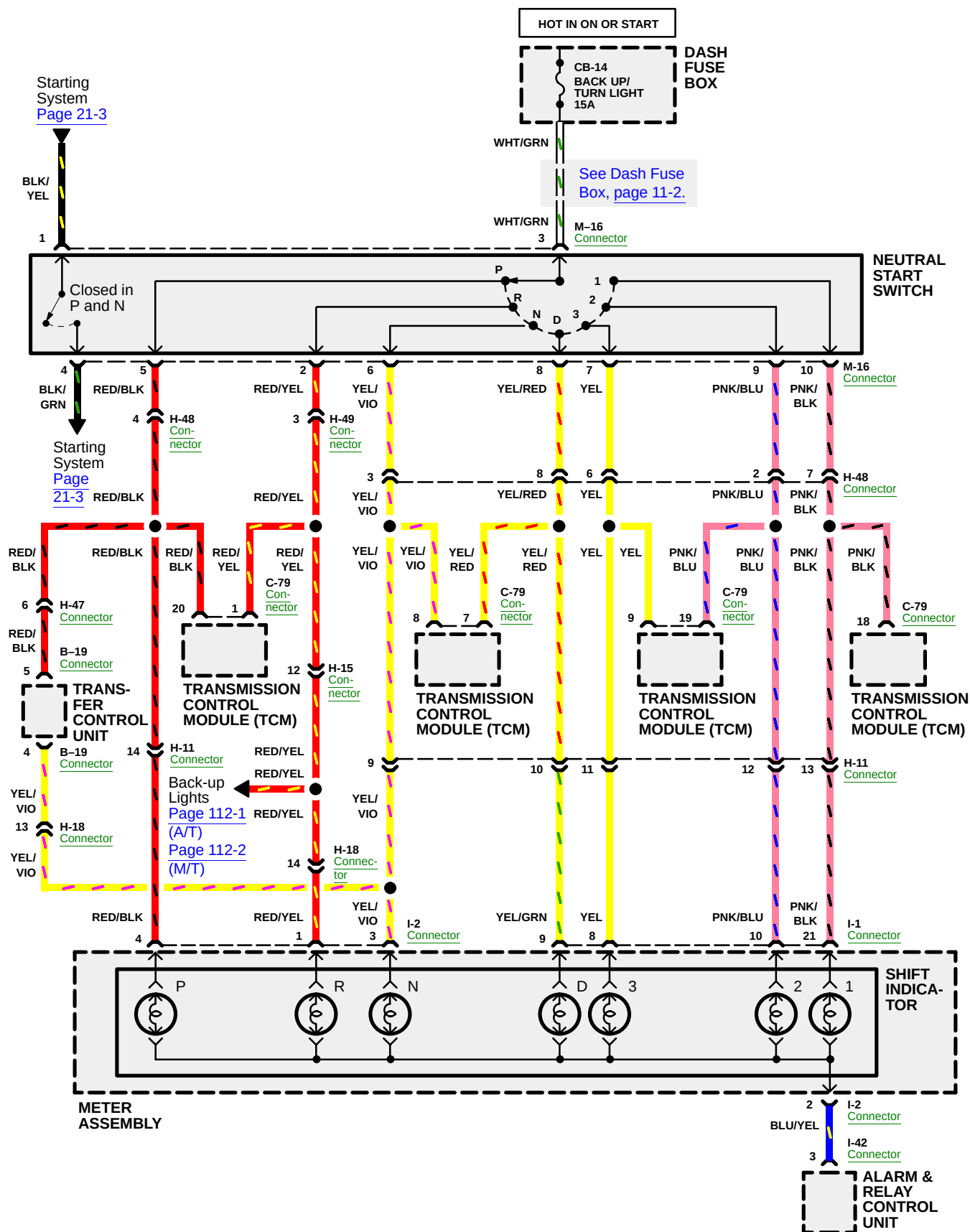
AUTOMATIC TRANSMISSION CONTROLS: 3.2L

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	
(8-WHT)	Rear of left 3.2L catalytic converter 99
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 14
Kick Down Switch (2.2L)	Below left side of dash 68
Multi-plexed Indicator	
Control Unit	Below rear of center console 79
ECM or PCM Main Relay	Right side of engine compartment, in fuse/relay box 16
Engine or Powertrain Control	
Module (ECM or PCM)	
(2.2L)	Below center of dash, console removed 73
Engine Control Module (ECM)	
(3.2L)	Left side of engine compartment 44
Input Revolution Sensor	
(2-BLU)	Left front 3.2L exhaust downpipe 98
Oil Temp Sensor (2-GRY)	Right front exhaust downpipe (3.2L) 100
Output Revolution Sensor	
(2-BLU)	Right side of automatic transmission 152
Transmission Control Module	
C-78 (24-WHT) (TCM)	Under left side of dash 150
Transmission Control Module	
C-79 (26-WHT) (TCM)	Under left side of dash 150
Transmission Speed Sensor ..	Beneath center of vehicle, on top of transmission 109
Connector	
H-4 (52-GRY)	Left side of engine compartment 27
H-5 (16-GRN)	Left side of engine compartment 27
H-8 (16-BLU) (2.2L)	Left right rear of engine compartment 18
H-11 (16-LT GRY)	Behind right kick panel 82
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-16 (22-BLK)	Behind left kick panel 62
H-17 (19-BLK)	Behind left kick panel 62
H-18 (22-WHT)	Behind right kick panel 80
H-19 (22-BLK)	Behind right kick panel 80
H-44 (16-GRN) (2.2L)	Lower right rear of engine 18
H-47 (10-BRN)	Behind left kick panel 62
H-48 (16-BLK)	Front left side of engine compartment 151
H-49 (16-GRY)	Front left side of engine compartment 151
I-1 (30-GRN)	Behind left side of I/P, on top of meter assembly 86
I-2 (16-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

AUTOMATIC TRANSMISSION CONTROLS

Component Location Index

(Refer to Section 201 for photographs.)

Ground

B-7	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

Circuit Operation

The engine or powertrain control module (ECM or 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.