

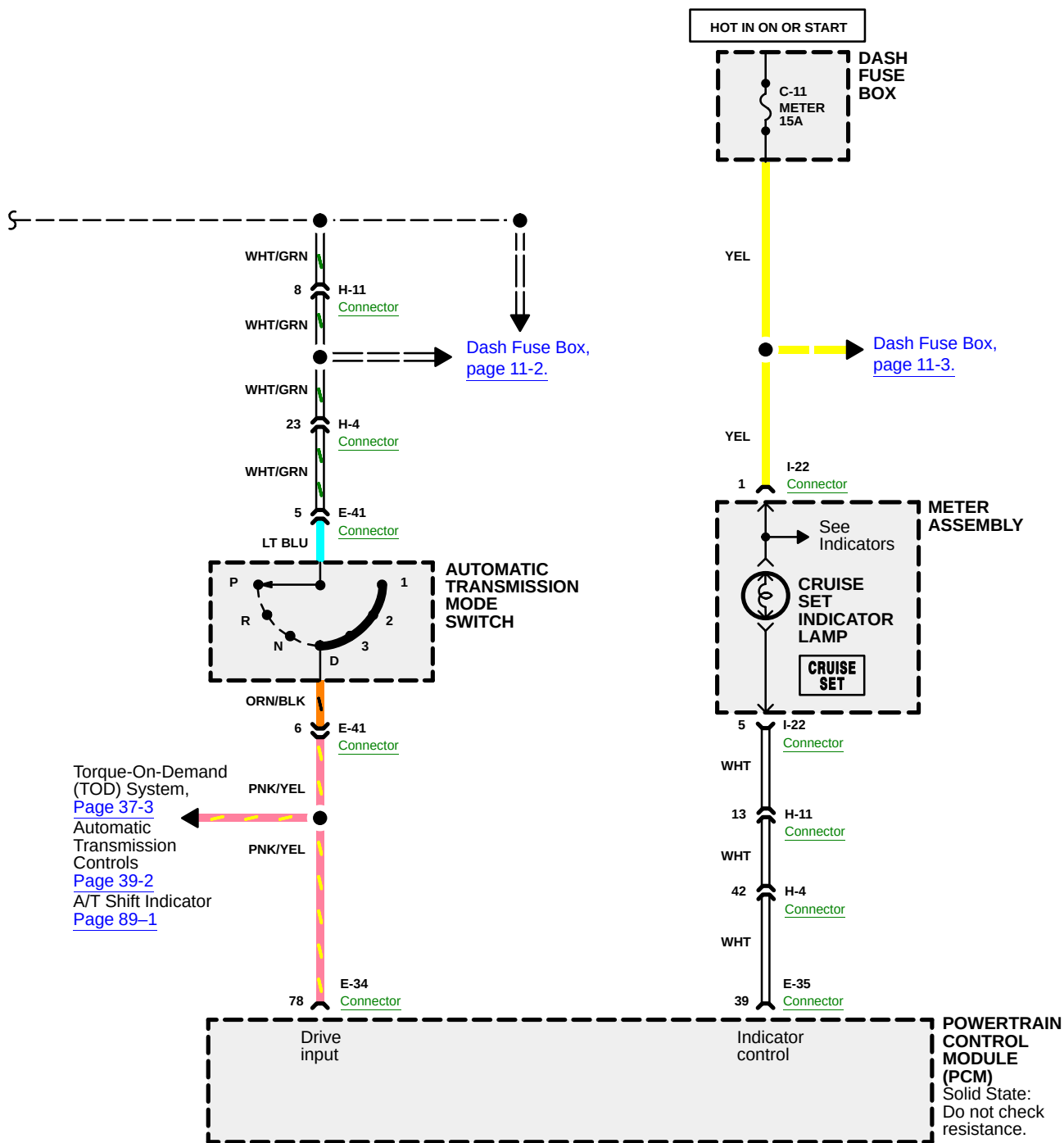
CRUISE CONTROL

Component Index

- Acceleration Position Sensor Assembly
- Automatic Transmission Mode Switch
- Brake Switch
- Dash Fuse Box
- Fuse/Relay Box
- Meter Assembly
- PCM Main Relay
- Powertrain Control Module (PCM)
- Throttle Valve Assembly

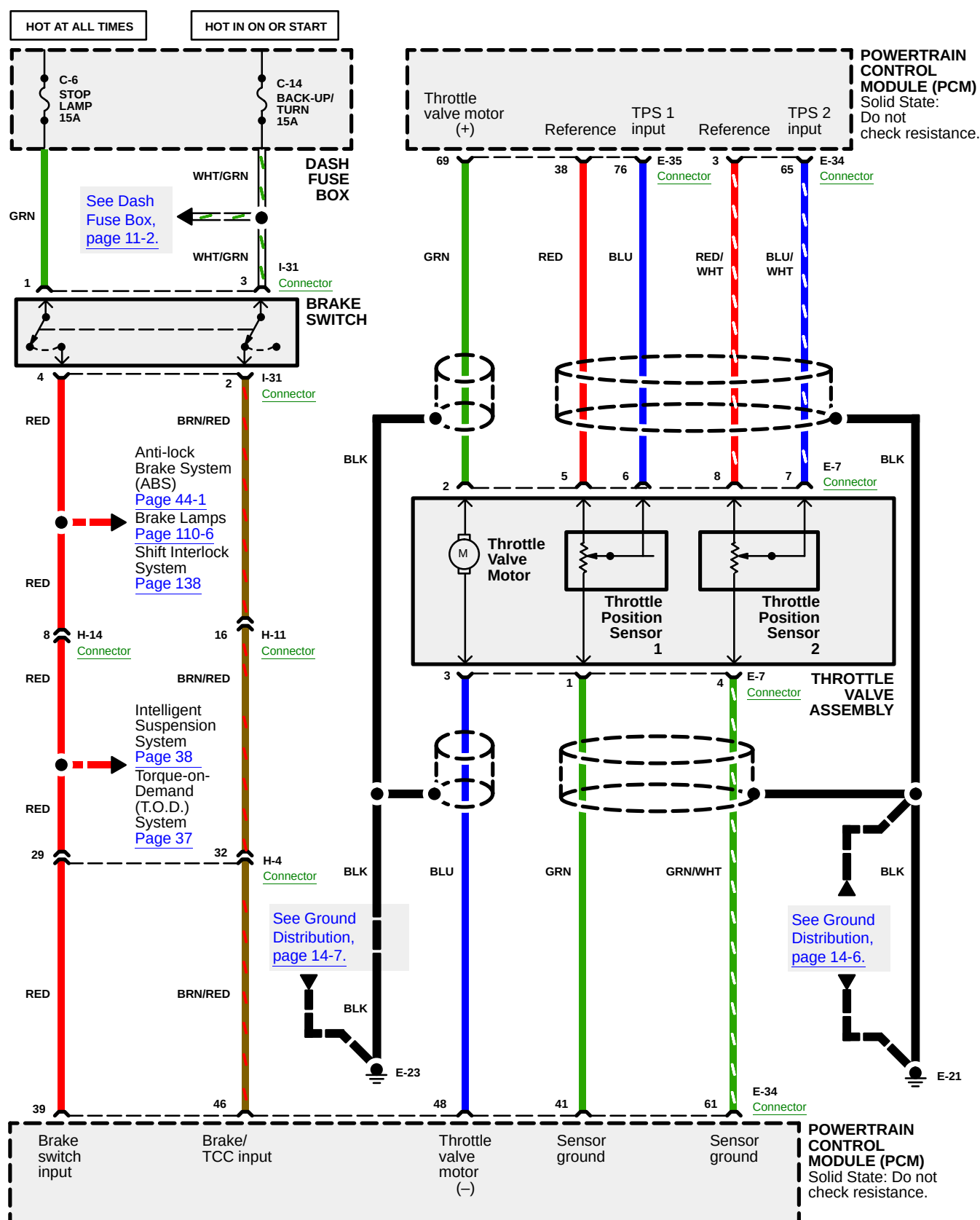
CRUISE CONTROL

Circuit Schematic



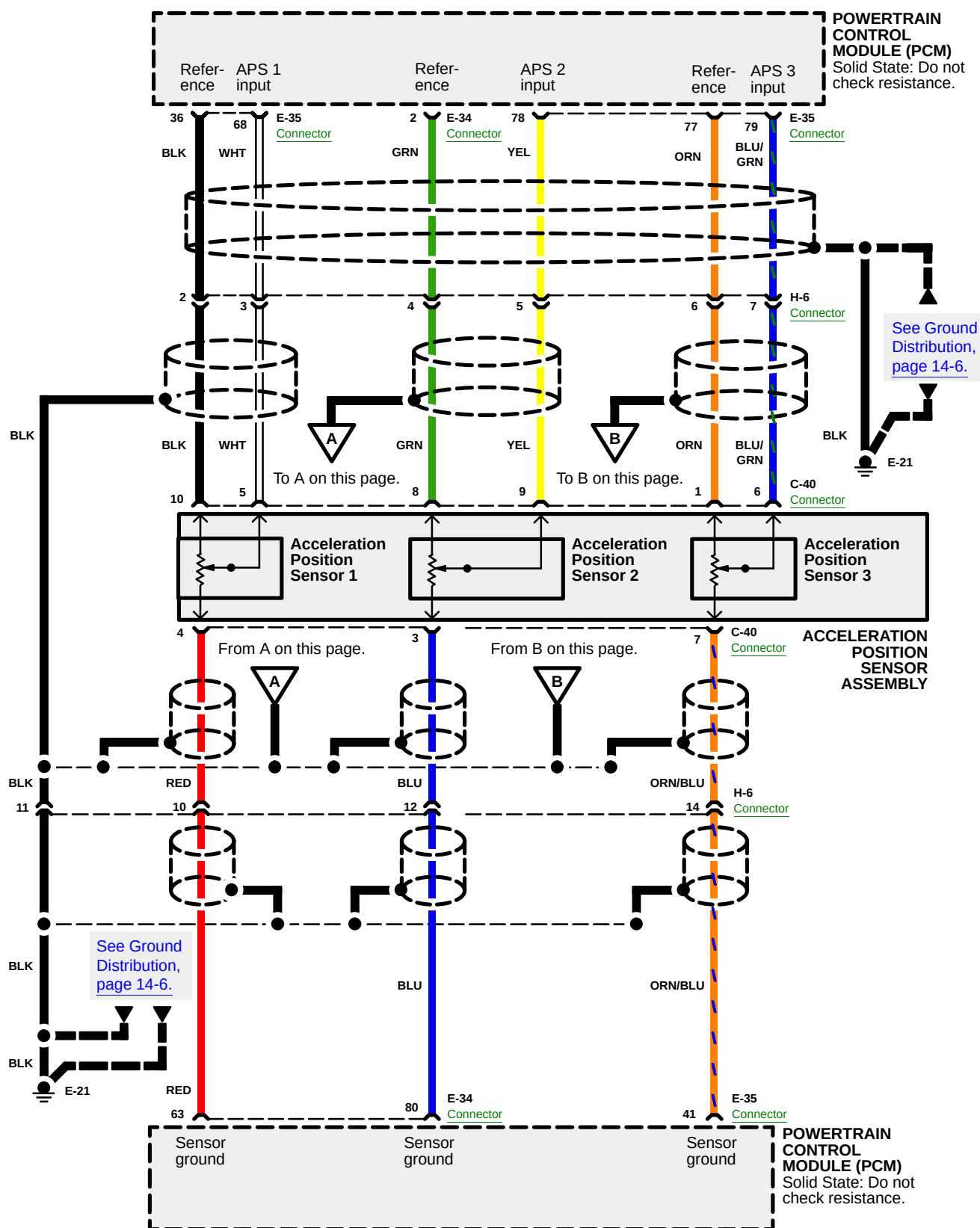
CRUISE CONTROL

Circuit Schematic



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CRUISE CONTROL

Component Location Index

(Refer to Section 201 for photographs.)

Component	Photo No.
Acceleration Position	
Sensor Assembly	Below left side of I/P 50
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
Fuse/Relay Box	Right side of engine compartment 8
Meter Assembly	Left side of I/P 55
PCM Main Relay	In the fuse & relay box 12
Powertrain Control Module	
(PCM)	Left side of engine compartment 26
Throttle Valve Assembly	Top front of engine 17
Connector	
C-40 (10-BLK)	Below left side of I/P 50
E-7 (8-BLK)	Top front of engine 17
E-41 (8-BLK)	Left side of transmission 101
H-3 (16-WHT)	Left side of engine compartment 31
H-4 (52-GRY)	Left side of engine compartment 31
H-6 (16-BLU)	Left side of engine compartment 31
H-11 (19-BLK)	Behind left kick panel 46
I-22 (14-GRN)	Top of meter assembly 54
I-31 (4-WHT)	Below left side of I/P 51
I-34 (13-WHT)	Under left side of I/P 49
Ground	
E-21	Left side of engine 24
E-23	Right side of engine 19

Circuit Operation

With the starter switch in ON, the or powertrain control module is powered. This system uses mechanical, and electrical operated devices to maintain vehicle speed at a setting selected and controlled by the driver. See owner's manual for further instruction.

System Operation

The cruise control system will set and automatically maintain any speed above 25 mph (40 km/h). To set, press the cruise control main switch so that the "CRUISE ON/OFF" indicator is on. After reaching the desired speed, press the set switch. The powertrain control module will receive a set signal input and will activate the throttle valve motor.

Pushing the cruise control main switch cancels the cruise control system. This signals the powertrain control module and erases the set speed from memory. The cruise control system also disengages when cruising speed is lower than the preset speed by 12.5 mph (20 km/h) or more. If the system is disengaged

temporarily by the brake switch, or the automatic transmission mode switch and vehicle speed is still above 25 mph (40 km/h), turn and release the resume/accel switch. With the resume/accel switch turned and released, the set memory is retained. The vehicle automatically returns to the previously set speed.

For gradual acceleration without depressing the accelerator pedal, turn the resume/accel switch and hold it there until the desired speed is reached. This will send an acceleration signal to the powertrain control module. When the switch is released, the system will be reprogrammed for the new speed. Quickly turning and releasing the resume/accel switch allows you to tap up the preset cruising speed.

CRUISE CONTROL

Circuit Operation (cont'd)

Each turn increases the preset speed by 1 mph (1.6 km/h). The preset speed can be increased by up to 10 mph (16 km/h) in this manner. To slow the vehicle down, depress and hold the set/coast switch. This will send a deceleration signal to the powertrain control module, causing the vehicle to coast until the desired speed is reached. When the desired speed is reached, release the set/coast switch. This will reprogram the system for the new speed. Quickly depressing and releasing the set/coast switch allows you to tap down the preset cruising speed. Each depress decreases the preset speed by 1 mph (1.6 km/h). The preset speed can be decreased to a minimum of 25 mph (40 km/h) in this manner.