

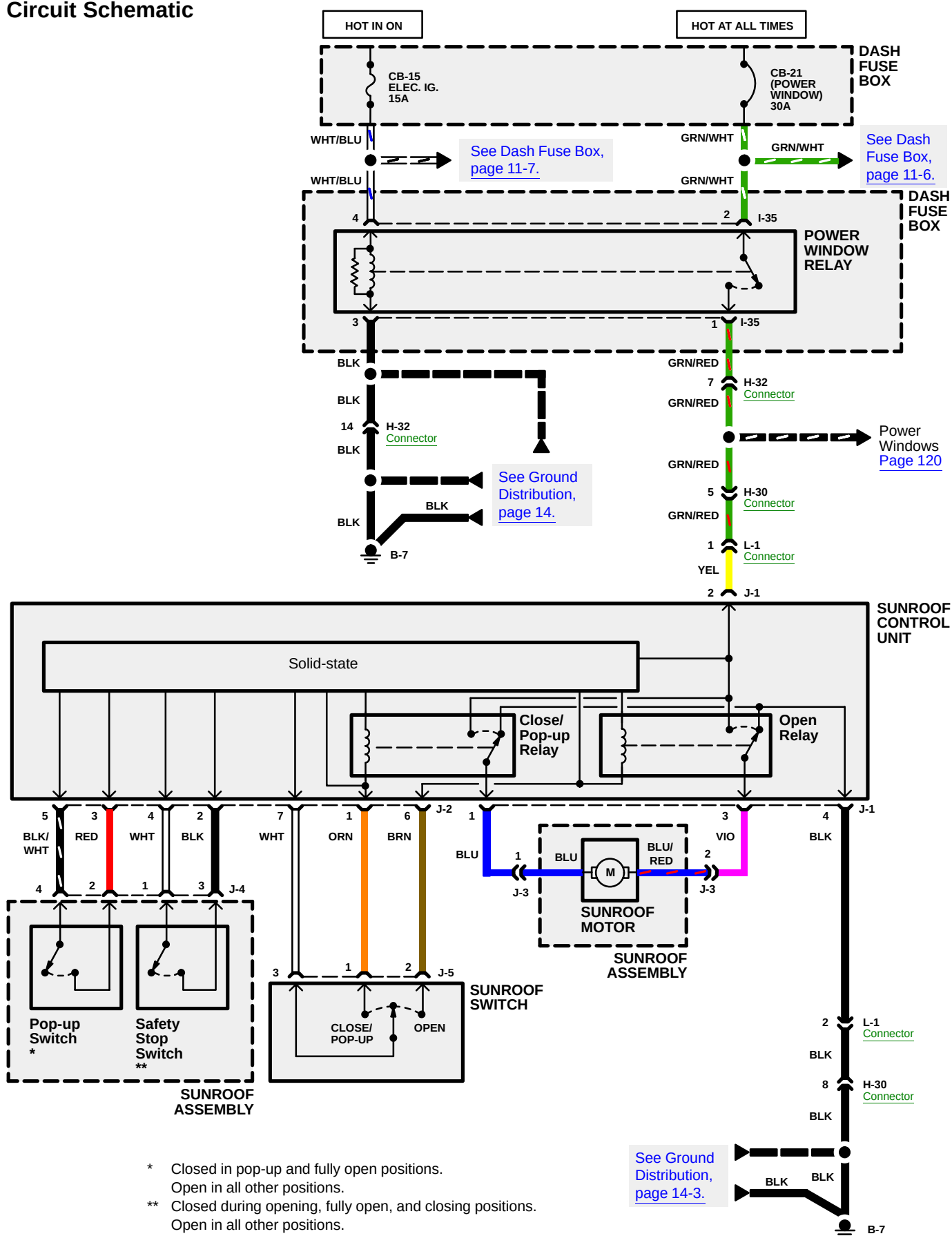
POWER SUNROOF

Component Index

- Dash Fuse Box
- Pop-up Switch
- Power Window Relay
- Safety Stop Switch
- Sunroof Control Unit
- Sunroof Motor
- Sunroof Switch

POWER SUNROOF (RODEO EXCEPT S MODEL)

Circuit Schematic



POWER SUNROOF (RODEO EXCEPT S MODEL)

Component Location Index

(Refer to Section 201 for photographs.)

Component	Photo No.
Dash Fuse Box Left side of I/P, behind panel	58
Power Window Relay Left side of I/P, in dash fuse box	59
Sunroof Control Unit Center front of roof, behind headliner	83
Sunroof Motor Center front of roof, behind headliner	83
Connector	
H-30 (8-WHT) Behind left side of I/P, above kick panel	69
H-32 (16-WHT) Behind left kick panel	62
J-3 (2-WHT) Center front of roof, behind headliner	84
L-1 (2-WHT) Center front of roof, behind headliner	84
Ground	
B-7 Below center console	81

Circuit Operation

When the starter switch is in ON, the power window relay is energized and battery voltage is applied to the sunroof control unit. When the sunroof switch is pressed once in the OPEN position, the open relay energizes, supplying battery voltage to the sunroof motor and the sunroof opens to the fully open position. When the sunroof switch is held in the CLOSE position, the close/pop-up relay energizes, supplying battery voltage to the sunroof motor and the sunroof closes to the safety stop position. At the moment the sunroof reaches the half-way position, the safety stop switch opens and breaks the circuit to the sunroof control unit and stops the sunroof in the half-way position. After the sunroof switch is released and held in the CLOSE position, the safety stop switch closes (completing the circuit), and the sunroof motor closes the sunroof until it reaches its mechanical limit. Pressing the CLOSE position of the sunroof switch again energizes the close/pop-up relay again, supplying battery voltage again to the sunroof motor. The roof is then popped up in the rear.