

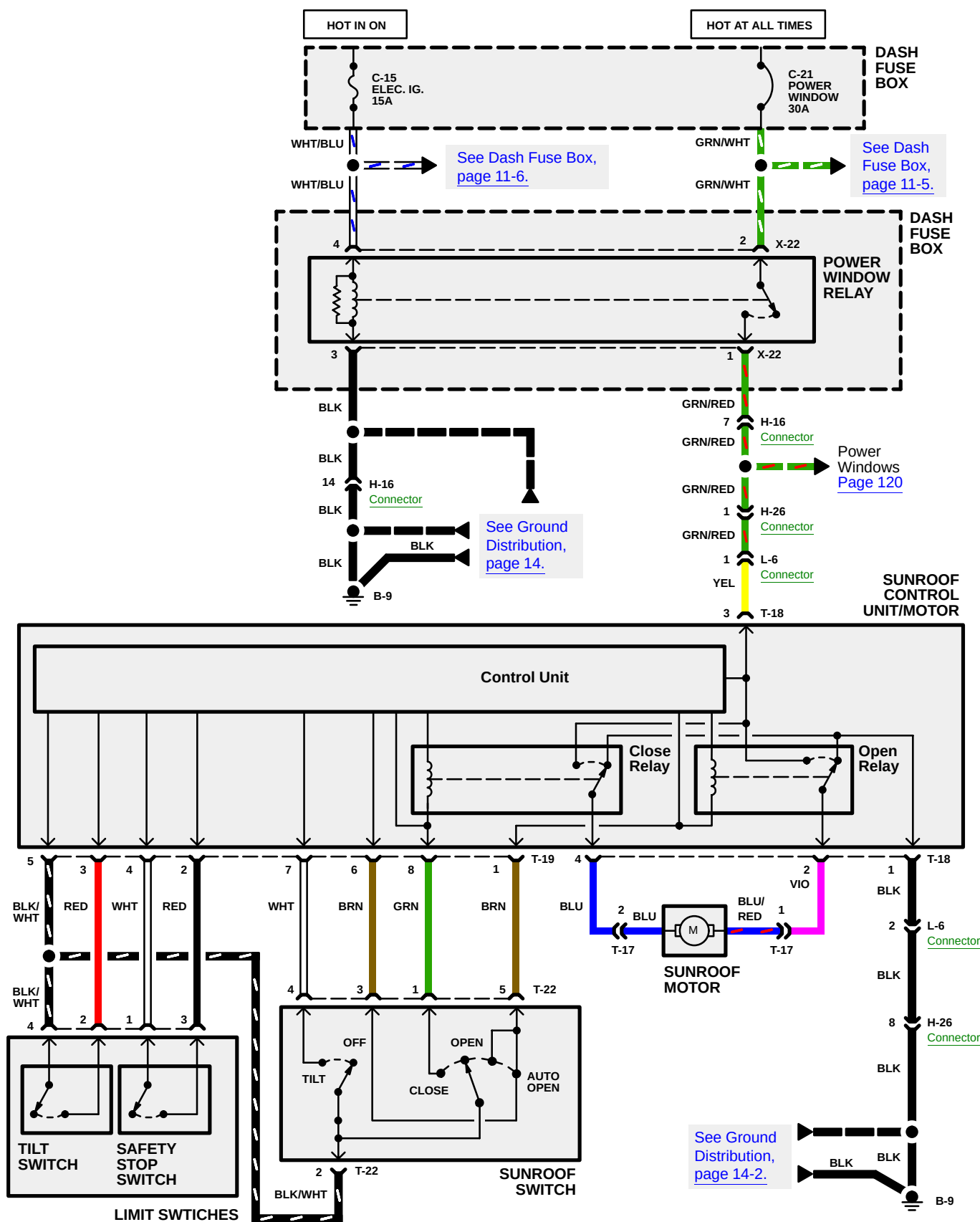
POWER SUNROOF

Component Index

- Close Relay
- Dash Fuse Box
- Limit Switch
- Open Relay
- Power Window Relay
- Sunroof Control Unit/Motor
- Sunroof Motor

POWER SUNROOF

Circuit Schematic



POWER SUNROOF

Component Location Index

(Refer to Section 201 for photographs.)

Component	Photo No.
Close Relay	In the sunroof control unit/motor
Dash Fuse Box	Behind left I/P side trim panel 42
Limit Switch	Front center of ceiling 76
Open Relay	In the sunroof control unit/motor
Power Window Relay	In the dash fuse box 43
Sunroof Control Unit/Motor	Front of roof 74
Sunroof Motor	Front of roof 76
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H-16 (16-WHT)	Behind left kick panel 46
H-26 (8-WHT)	Behind left side of I/P 52
L-6 (2-WHT)	Front of roof 74
T-17 (2-NAT)	Front of roof 74
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T-22 (5-GRN)	Front center of ceiling 75
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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.