

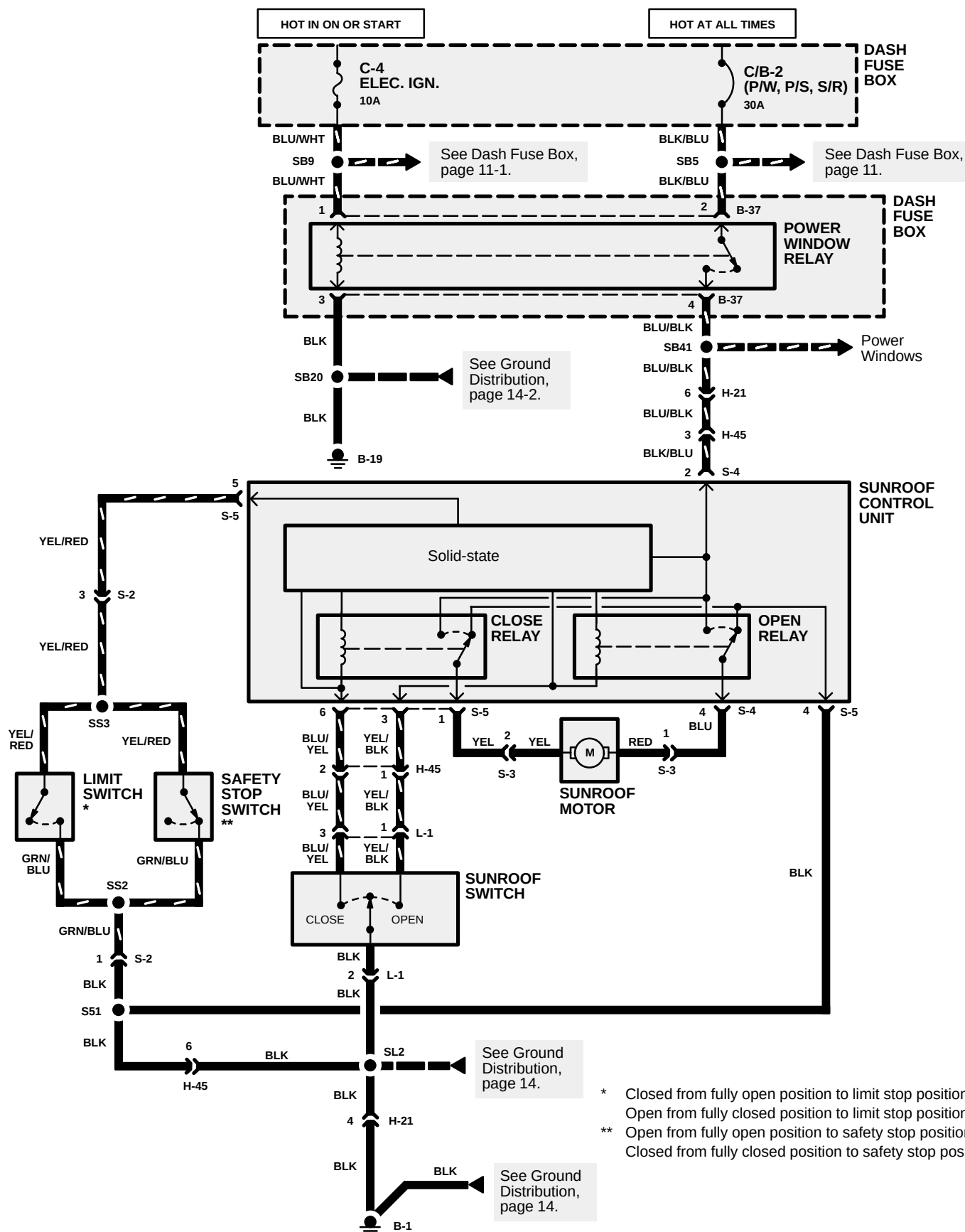
POWER SUNROOF

Component Index

- [Dash Fuse Box](#)
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POWER SUNROOF

Circuit Schematic



POWER SUNROOF

Component Location Index

(Refer to Section 201 for photographs.)

<u>Component</u>	<u>Photo No.</u>
Dash Fuse Box	Behind left dash side trim panel 51
Limit Switch	Right rear underside of roof
Power Window Relay	In dash fuse box 50
Safety Stop Switch	Rear underside of roof 88
Sunroof Control Unit	Rear underside of roof 88
Sunroof Motor	Rear underside of roof 88

Connector

H-21 (8-WHT)	Below I/P, above right dash side trim panel, on bracket 69
H-45 (6-BLK/WHT)	Center of roof, above map lights 85
L-1 (3-WHT)	Center of roof, above map lights 85
S-2 (3-WHT)	Center of roof 88
S-3 (2-WHT)	Center of roof 88

Ground

B-1	Above right dash side trim panel 71
B-19	Behind top of left dash side trim panel 54

Circuit Operation

When the starter switch is in ON or START, the power window relay is energized and applies battery voltage to the sunroof control unit. When the sunroof switch is held in the OPEN position, the open relay energizes, supplying battery voltage to the sunroof motor and the sunroof opens to the limit stop position. At the moment the sunroof reaches the limit stop position, the limit switch closes and applies ground to the sunroof control unit. The sunroof control unit stops the sunroof in the limit stop position. After the sunroof switch is released and held in the OPEN position, the sunroof motor opens the sunroof until it reaches its mechanical limit. When the sunroof switch is held in the CLOSE position, the close relay energizes, supplying battery voltage to the sunroof motor and the sunroof opens to the safety stop position. At the moment the sunroof reaches the safety stop position, the safety stop switch closes and applies ground to the sunroof control unit. The sunroof control unit stops the sunroof in the safety stop position. After the sunroof switch is released and held in the CLOSE position, the sunroof motor closes the sunroof until it reaches its mechanical limit.