

Master Index	Power Distribution	Ground Distribution	Harness Routing Views	Connector Views
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POWER SUNROOF

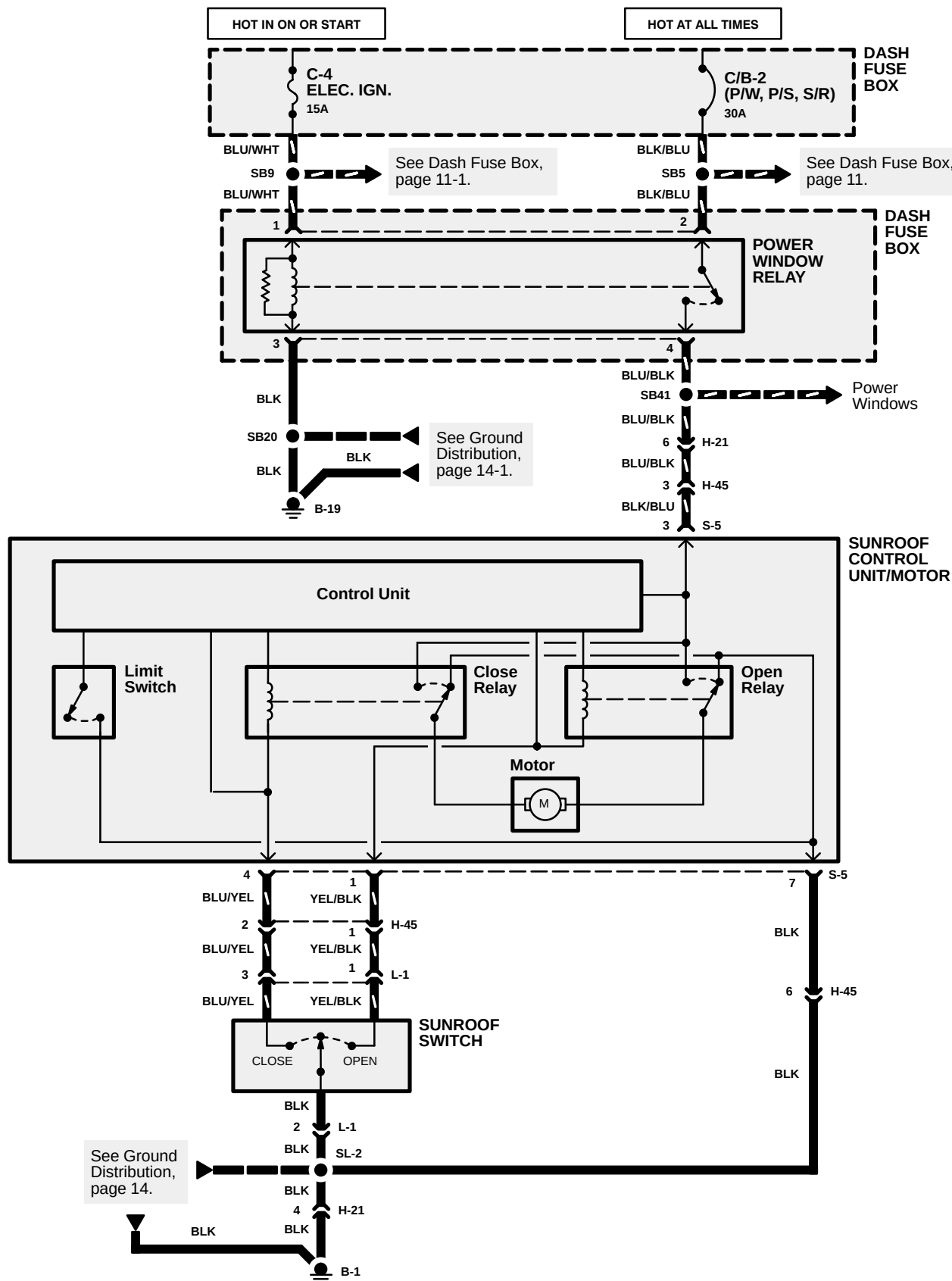
Component Location Index

- [Dash Fuse Box](#)
- [Power Window Relay](#)
- [Sunroof Control Unit/Motor](#)

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POWER SUNROOF

Circuit Schematic



POWER SUNROOF

Component Location Index

(Refer to Section 201 for photographs.)

Component	Photo No.
Dash Fuse Box Behind left dash side trim panel	55
Power Window Relay In dash fuse box	56
Sunroof Control Unit/Motor Rear underside of roof	88
Connector	
H-21 (8-WHT) Below I/P, above right dash side trim panel, on bracket	100
H-45 (6-BLK/WHT) Center of roof, above map lights	85
L-1 (3-WHT) Center of roof, above map lights	85
Ground	
B-1 Above right dash side trim panel	116
B-19 Behind top of left dash side trim panel	71

Circuit Operation

When the ignition switch is in ON or START, the power window relay is energized and applies battery voltage to the sunroof control unit/motor. When you hold the sunroof switch in the OPEN position, the “open” relay energizes, supplying battery voltage to the sunroof motor, and the sunroof opens to the partial open position (least wind noise). At the moment the sunroof reaches that position, the limit switch sends a signal to the sunroof control unit, and the control unit stops the roof. After you release the sunroof switch and hold it in the OPEN position again, the sunroof motor opens the roof the rest of the way, until it reaches its mechanical limit. When you hold the switch in the CLOSE position, the “close” relay energizes, supplying battery voltage to the sunroof motor, and the roof closes to the partial close position (safety stop). At the moment the sunroof reaches that position, the limit switch sends a signal to the sunroof control unit, and the control unit stops the roof. After you release the sunroof switch and hold it in the CLOSE position again, the sunroof motor closes the sunroof the rest of the way until it reaches its mechanical limit.