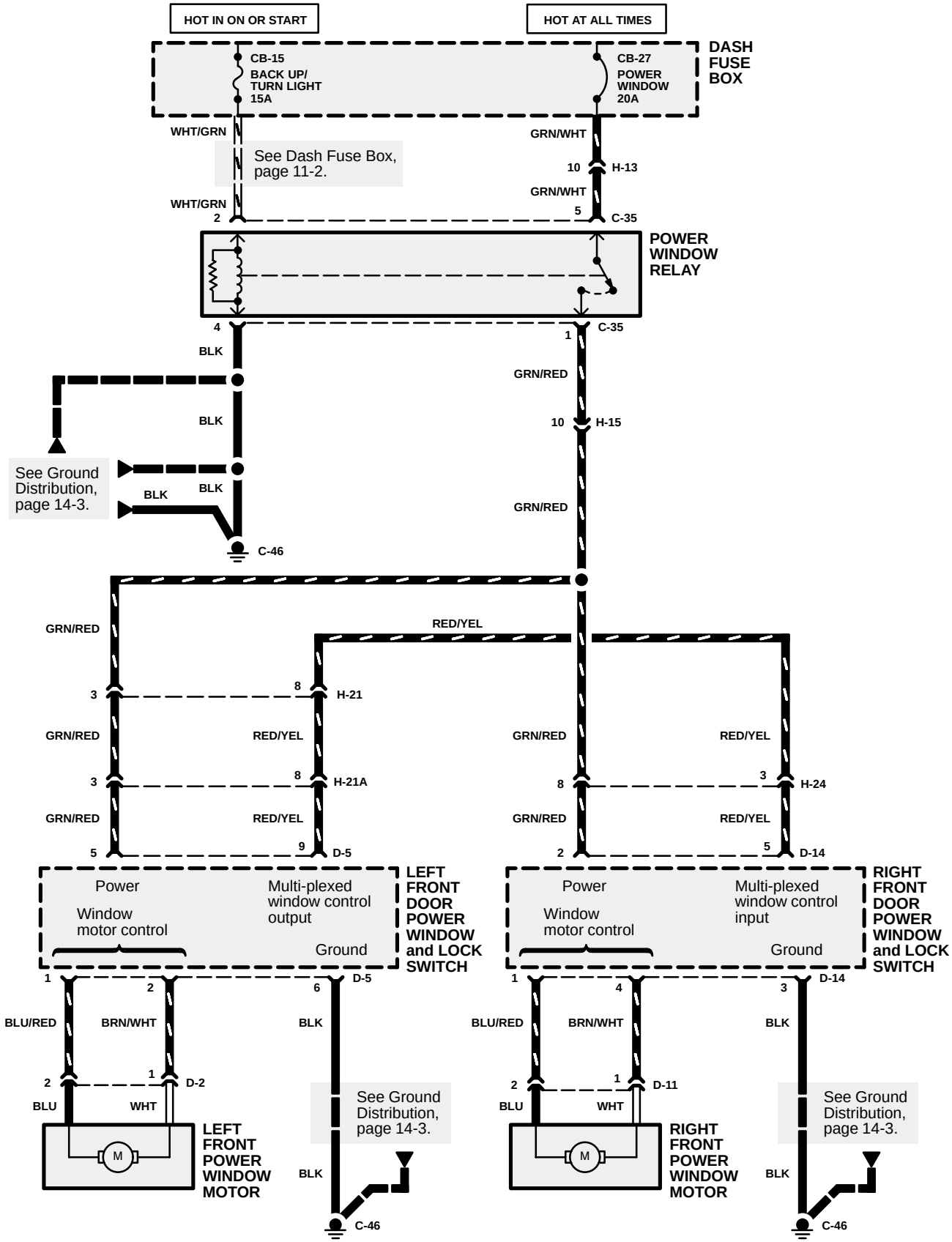
POWER WINDOWS

Component Index

Dash Fuse Box
Left Front Power Window Motor
Power Window Relay
Right Front Power Window Motor

POWER WINDOWS

Circuit Schematic



POWER WINDOWS

Component Location Index

(Refer to Section 201 for photographs.)

Component		Photo No.
Dash Fuse Box	Behind left I/P side trim panel	36
Left Front Power Window Motor	Inside front left door, behind trim pad	68
Power Window Relay	Behind left kick panel	41
Right Front Power Window Motor	Inside of right front door, behind trim pad	68
Connector		
H-13 (22-WHT)	Behind left side of I/P, above left kick panel on bracket	42
H-15 (18-BLK)	Behind left side of I/P, above left kick panel on bracket	42
H-21 (8-WHT)	Behind left kick panel, in access hole	39
H-21A (8-WHT)	Behind left kick panel, in access hole	39
H-24 (8-WHT)	Behind right kick panel, in access hole	57
Ground		
C-46	Behind left kick panel	40

Circuit Operation

The POWER WINDOW circuit breaker CB-27 applies battery voltage at all times to the power window relay contacts. With the starter switch in ON, the BACK UP/TURN LIGHT fuse CB-15 applies battery voltage to the power window relay coil. The relay energizes and allows battery voltage from the circuit breaker to both of the door power window switches.

Left Front Window

When the left front door power window switch is moved to UP or DOWN, a signal is sent to the control unit (built-into the switch). The control unit provides power to the left front power window, driving the window in the direction selected. The control unit removes power to the motor when the switch is released or when the window reaches its fully open or closed position.

Auto Down

When the left front door power window switch is moved to AUTO, a signal is sent to the control unit (built-into the switch). The control unit provides power to the left front power window motor, driving the window down. The control unit removes power to the motor when the window reaches the fully open position.

Passenger Windows

The passenger windows can be operated from the left front door power window switch or the respective door power window switch. The passenger door power window switch can only be operated when the lock switch in the left front door power window switch is in the OFF position.

When the passenger power window switch is moved to UP or DOWN, a signal is sent to the control unit (built-into the switch). The control unit then provides power to the window motor, moving the window in the direction selected. The control unit removes power to the motor when the switch is released or when the window reaches its fully open or closed position.

When the passenger window is being controlled by the switch in the left front door, the control unit in the left front door switch sends a multi-plexed signal to the control unit in the other power window switch. The signal tells the appropriate control unit to provide power to its power window motor, moving the window in the direction selected. The control unit removes power to the motor when the switch is released or the window reaches its fully open or closed position.