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WINDSHIELD WIPER/WASHER

Component Index

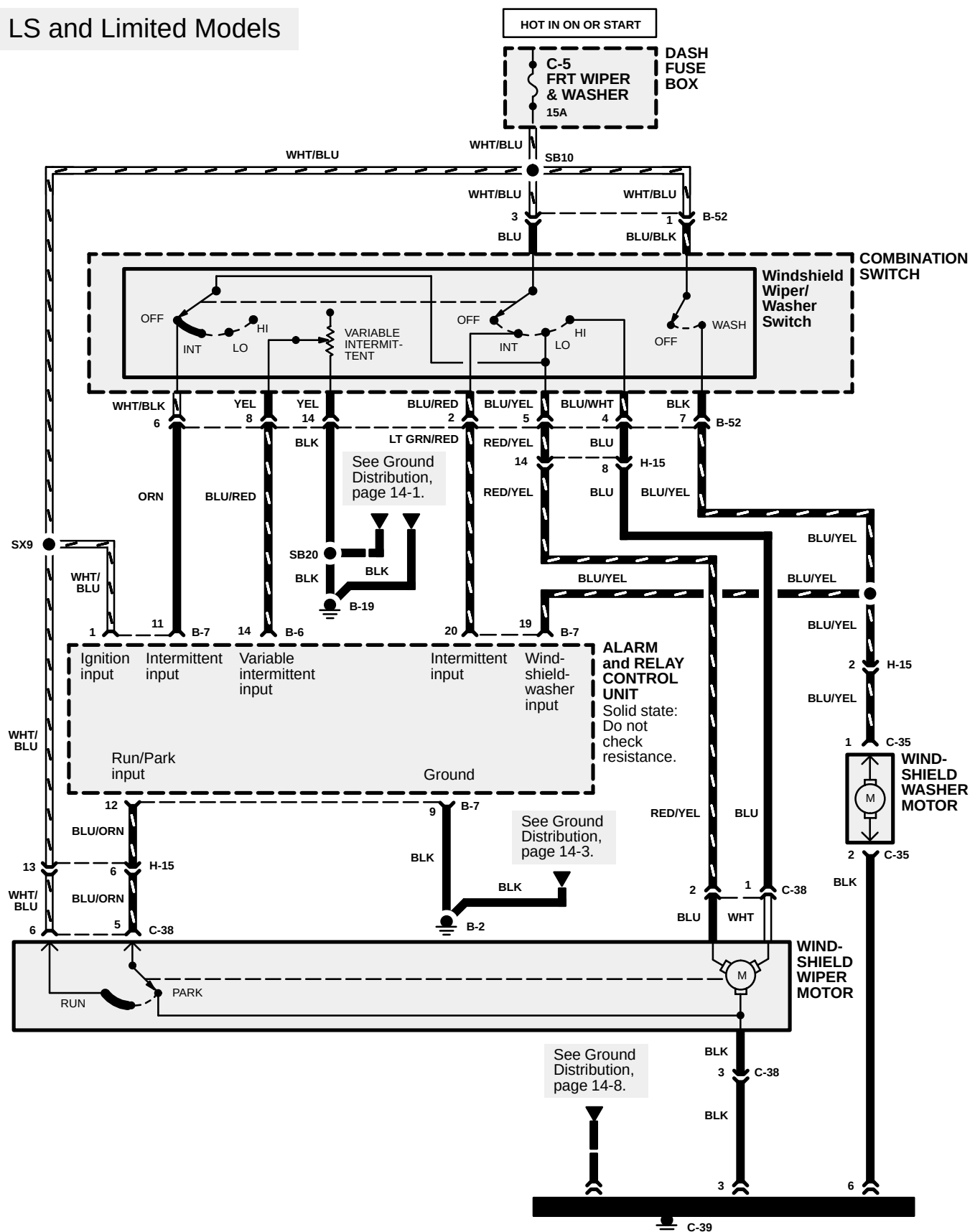
- [Alarm and Relay Control Unit](#)
- [Dash Fuse Box](#)
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WINDSHIELD WIPER/WASHER

Circuit Schematic

LS and Limited Models



WINDSHIELD WIPER/WASHER

Component Location Index

(Refer to Section 201 for photographs.)

Component	Photo No.
Alarm and Relay Control	
Unit	Behind right kick panel 116
Dash Fuse Box	Behind left dash side trim panel 55
Windshield Washer Motor	Right front corner of engine compartment, in washer fluid reservoir 122
Windshield Wiper Motor	Right rear corner of engine compartment 45
Connector	
B-52 (14-BLK)	Below I/P, right of steering column 58
C-38 (6-WHT)	Right rear of engine compartment 45
H-15 (14-WHT)	Below I/P, above right dash side trim panel, on bracket 115
Ground	
B-2	Above right dash side trim panel 116
B-19	Behind top of left dash side trim panel 71
C-39	Right rear corner of engine compartment, on inner fender panel 45

Circuit Operation

With the starter switch in ON or START, battery voltage is applied to the windshield wiper/washer switch, windshield wiper motor, and alarm and relay control unit from fuse C-5.

Low Speed

When the windshield wiper switch is moved to LO, battery voltage is applied to the LO winding of the windshield wiper motor and the windshield wipers run at low speed.

Park/Run

When the windshield wiper switch is turned to OFF, fuse C-5 provides battery voltage through the windshield wiper motor, alarm and relay control unit, and the windshield wiper switch to the LO winding of the windshield wiper motor. When the switch on the motor reaches the PARK position, battery voltage from fuse C-5 is removed from the circuit and the windshield wipers stop in the PARK position.

High Speed

When the windshield wiper switch is in HI, battery voltage is applied to the HI winding of the windshield wiper motor and the windshield wipers run at high speed.

Intermittent

When the windshield wiper switch is moved to INT, the windshield wiper switch applies battery voltage to the alarm and relay control unit. The alarm and relay control unit momentarily energizes every 3 to 4 seconds (S models) or a variable time of 2 to 20 seconds (LS and Limited models) (depending on intermittent ring position) and applies battery voltage to the LO winding of the windshield wiper motor to move the windshield wipers from the PARK position to the RUN position, then the PARK/RUN function takes over to return the windshield wipers to the PARK position. The windshield wipers make a single sweep approximately every 3 to 4 seconds (S models) or a variable time of 2 to 20 seconds (LS and Limited models) (depending on intermittent ring position).

Washer

When the wiper level is pulled towards you, battery voltage is applied to the windshield washer motor and the alarm and relay control unit. The windshield washer motor pumps fluid on the windshield and the alarm and relay control unit energizes and applies battery voltage to the LO winding of the windshield wiper motor through the windshield wiper switch. The wipers run at LO speed until the wiper lever is released.