

WINDSHIELD WIPER/WASHER

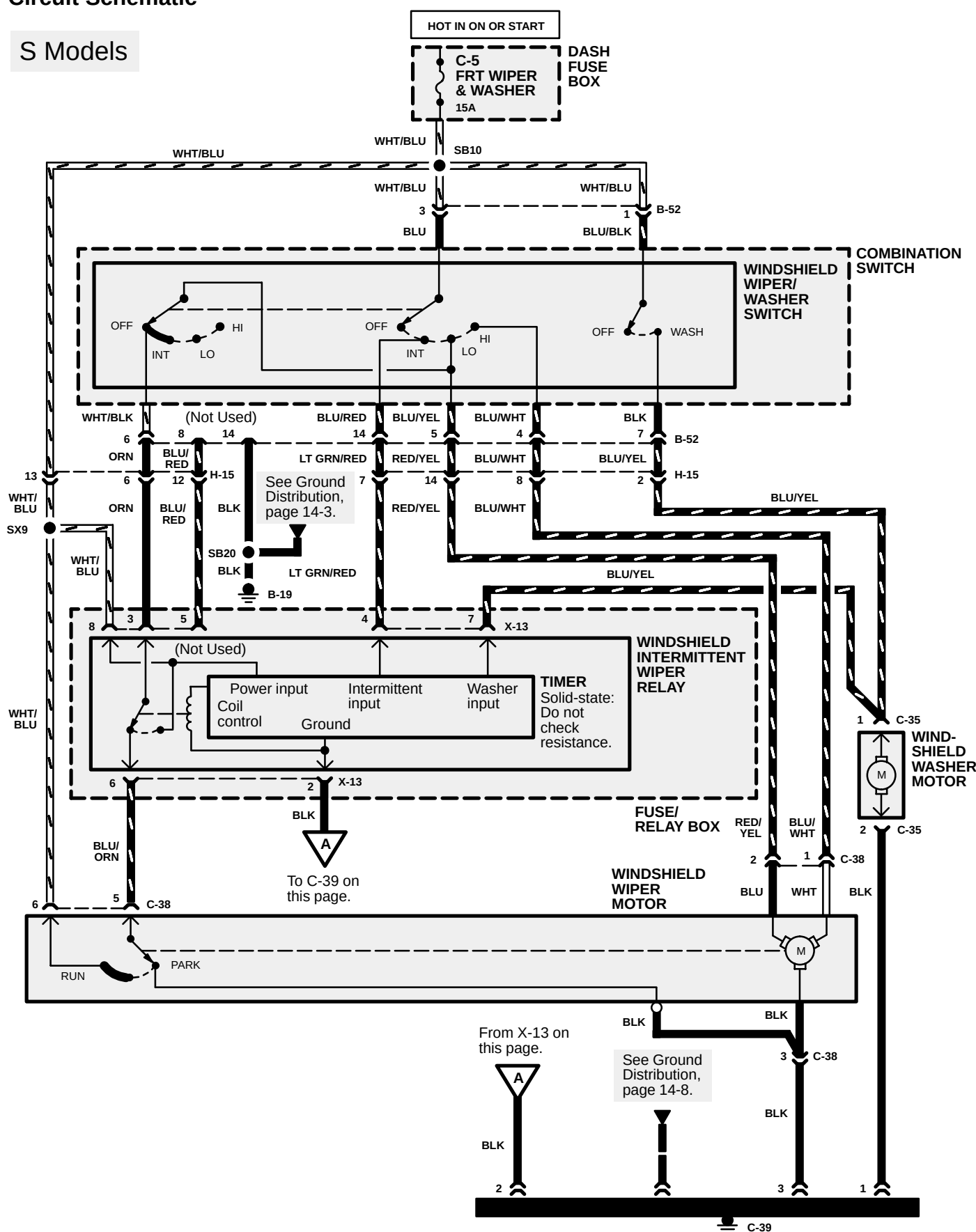
Component Index

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WINDSHIELD WIPER/WASHER

Circuit Schematic

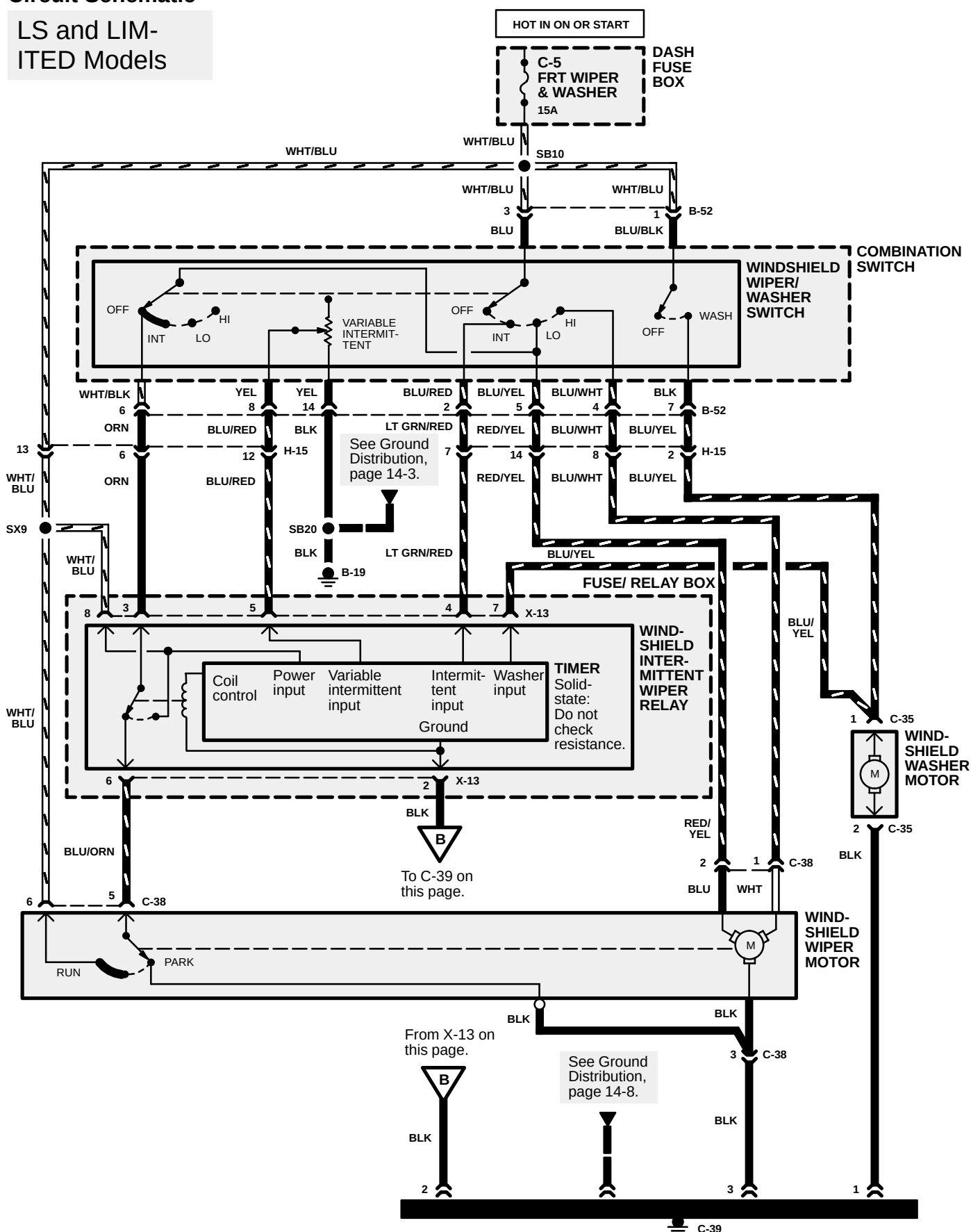
S Models



WINDSHIELD WIPER/WASHER

Circuit Schematic

LS and LIM-ITED Models



WINDSHIELD WIPER/WASHER

Component Location Index

(Refer to Section 201 for photographs.)

Component		Photo No.
Dash Fuse Box	Behind left dash side trim panel	51
Fuse/Relay Box	Right side of engine compartment, on inner fender panel	33
Windshield Intermittent		
Wiper Relay	In fuse/relay box	36
Windshield Washer Motor	Right front corner of engine compartment, in washer fluid reservoir	122
Windshield Wiper Motor	Right rear corner of engine compartment	39

Connector		
B-52 (14-BLK)	Below I/P, right of steering column	58
C-38 (6-WHT)	Right rear of engine compartment	39
H-15 (14-WHT)	Below I/P, above right dash side trim panel, on bracket	70

Ground		
B-19	Behind top of left dash side trim panel	54
C-39	Right rear corner of engine compartment, on inner fender panel	40

Circuit Operation

With the starter switch in ON or START, battery voltage is applied to the windshield wiper/washer switch, windshield wiper motor, and windshield intermittent wiper relay 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, windshield intermittent wiper relay, 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 windshield intermittent wiper relay. The windshield intermittent wiper relay momentarily energizes every 3 to 4 seconds (S models) or a variable time of 2 to 20 seconds (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 (depending on intermittent ring position).

Washer

When the windshield washer switch is depressed, battery voltage is applied to the windshield washer motor and the windshield intermittent wiper relay. The windshield washer motor pumps fluid on the windshield and the windshield intermittent wiper relay 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 switch is released.