

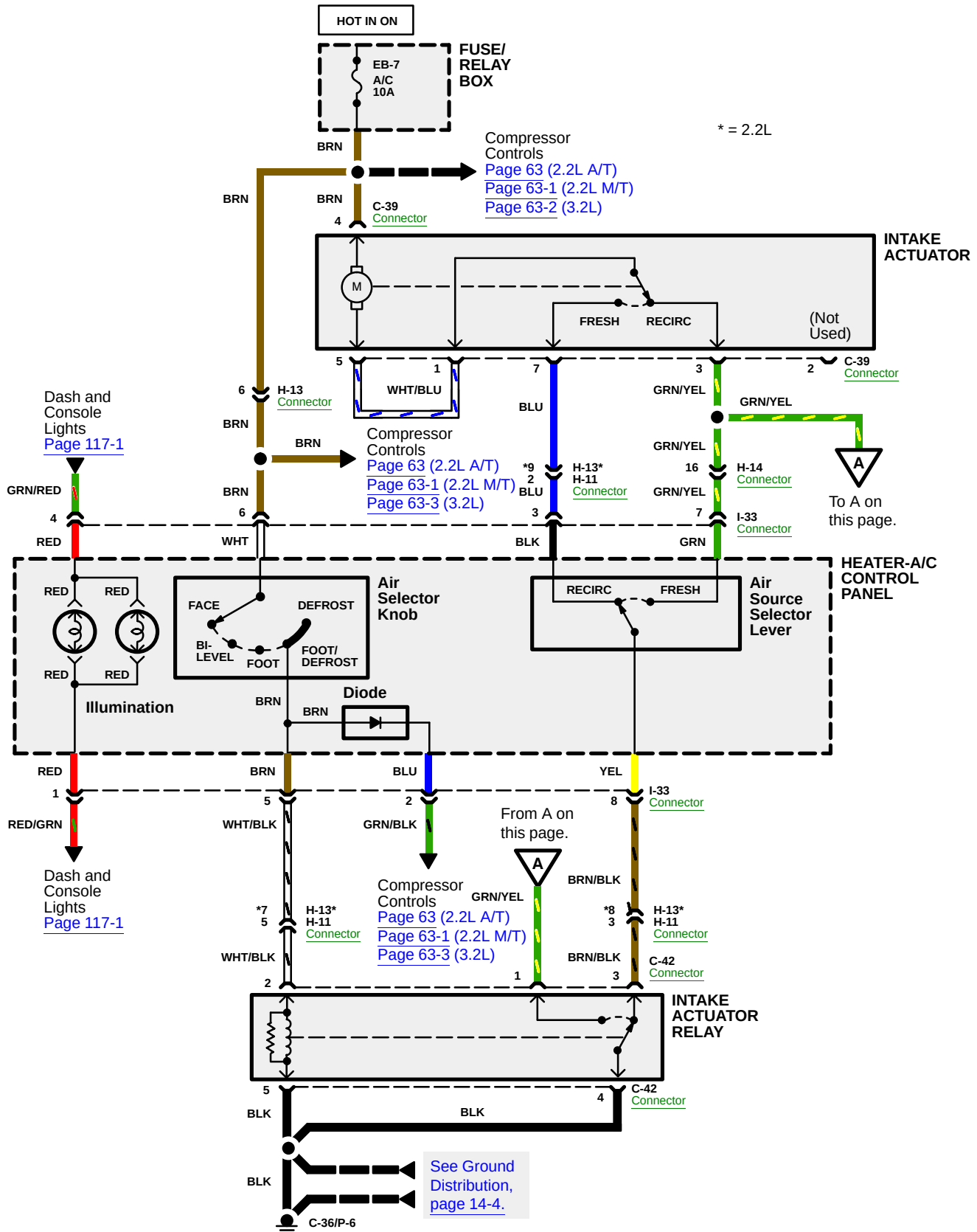
AIR DELIVERY DOOR CONTROL

Component Index

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AIR DELIVERY DOOR CONTROL

Circuit Schematic



AIR DELIVERY DOOR CONTROL

Component Location Index

(Refer to Section 201 for photographs.)

Component

Photo No.

Fuse/Relay Box	Right side of engine compartment, on inner fender panel	14
Intake Actuator	Behind glove box	137
Intake Actuator Relay	Behind glove box	137

Connector

H-11 (16-LT GRY)	Behind right kick panel	82
H-13 (16-WHT) (2.2L)	Below right side of I/P, behind kick panel	82
H-13 (20-WHT) (3.2L)	Below right side of I/P, behind kick panel	82
H-14 (19-BLK)	Below right side of I/P, behind kick panel	82
I-33 (8-WHT)	Behind center of I/P	126

Ground

C-36/P-6	Left rear corner of engine compartment, on inner fender panel	13
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Circuit Operation

With the engine running, voltage is applied to the intake actuator and the air selector knob, which when set to FOOT/DEFROST or DEFROST, energizes the intake actuator relay. Once energized, the relay provides ground to the intake actuator if in the RECIRC position, energizing the motor until the door is fully open to allow fresh air to circulate. Once fully open, the switch reaches its mechanical limit and opens, de-energizing the motor.

Under normal conditions the intake actuator is controlled by the driver selecting RECIRC or FRESH with the air source selector lever in the heater-A/C control panel, with each position being grounded through the contacts of the intake actuator relay.

