

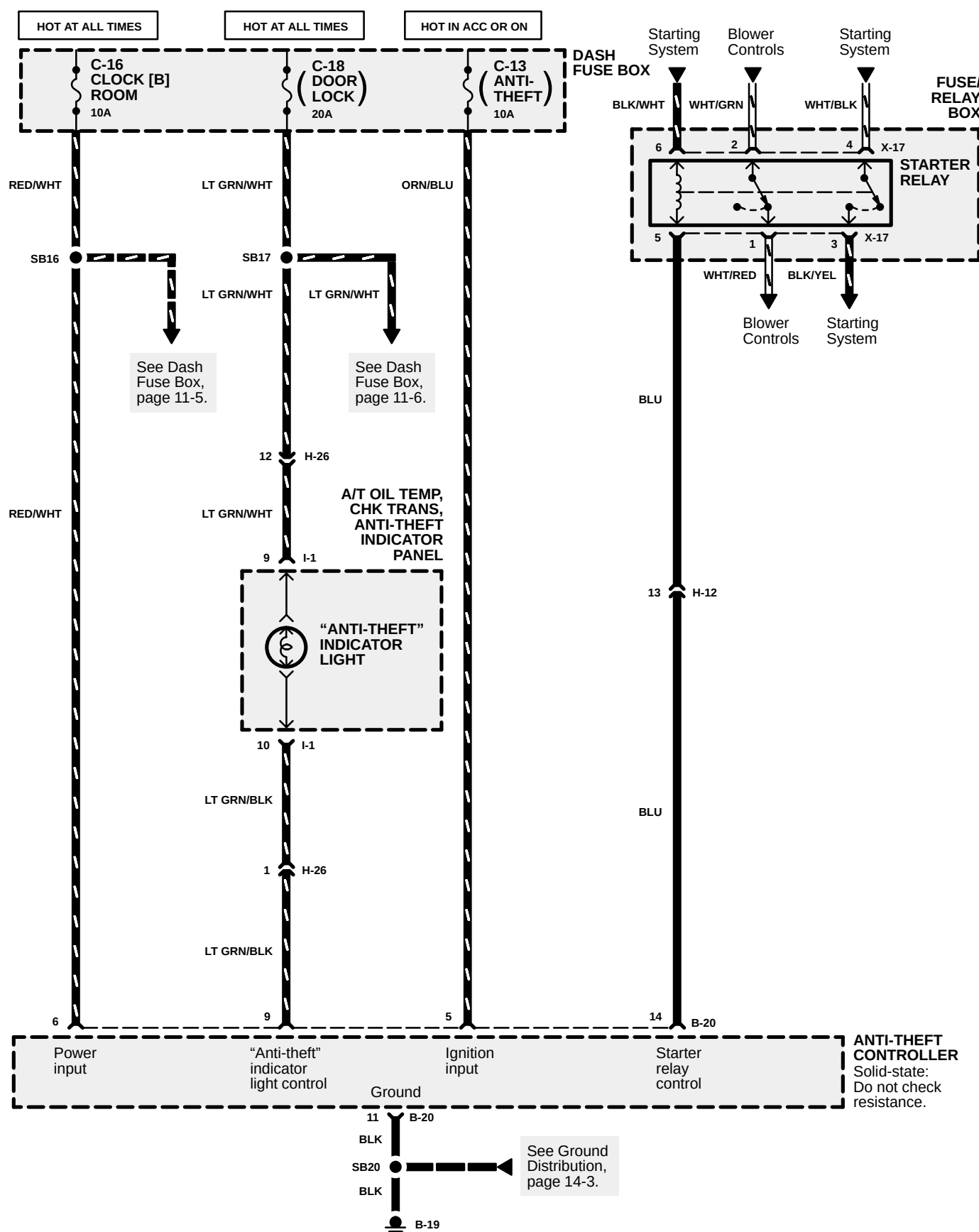
ANTI-THEFT SYSTEM

Component Index

- Anti-theft Controller
- Anti-theft Horn
- Dash Fuse Box
- Diode Box 2
- Diode Box 3
- Engine Hood Switch
- Fuse/Relay Box
- Left Front Door Key Detect And Tamper Switch
- Left Front Door Lock Actuator/Switch
- Left Front Door Switch
- Left Rear Door Lock Actuator/Switch
- Left Rear Door Switch
- Lighting Relay
- Right Front Door Key Detect And Tamper Switch
- Right Front Door Lock Actuator/Switch
- Right Front Door Switch
- Right Rear Door Lock Actuator/Switch
- Right Rear Door Switch
- Starter Relay
- Tailgate Door Key Detect And Tamper Switch
- Tailgate Door Lock Actuator/Switch
- Tailgate Switch

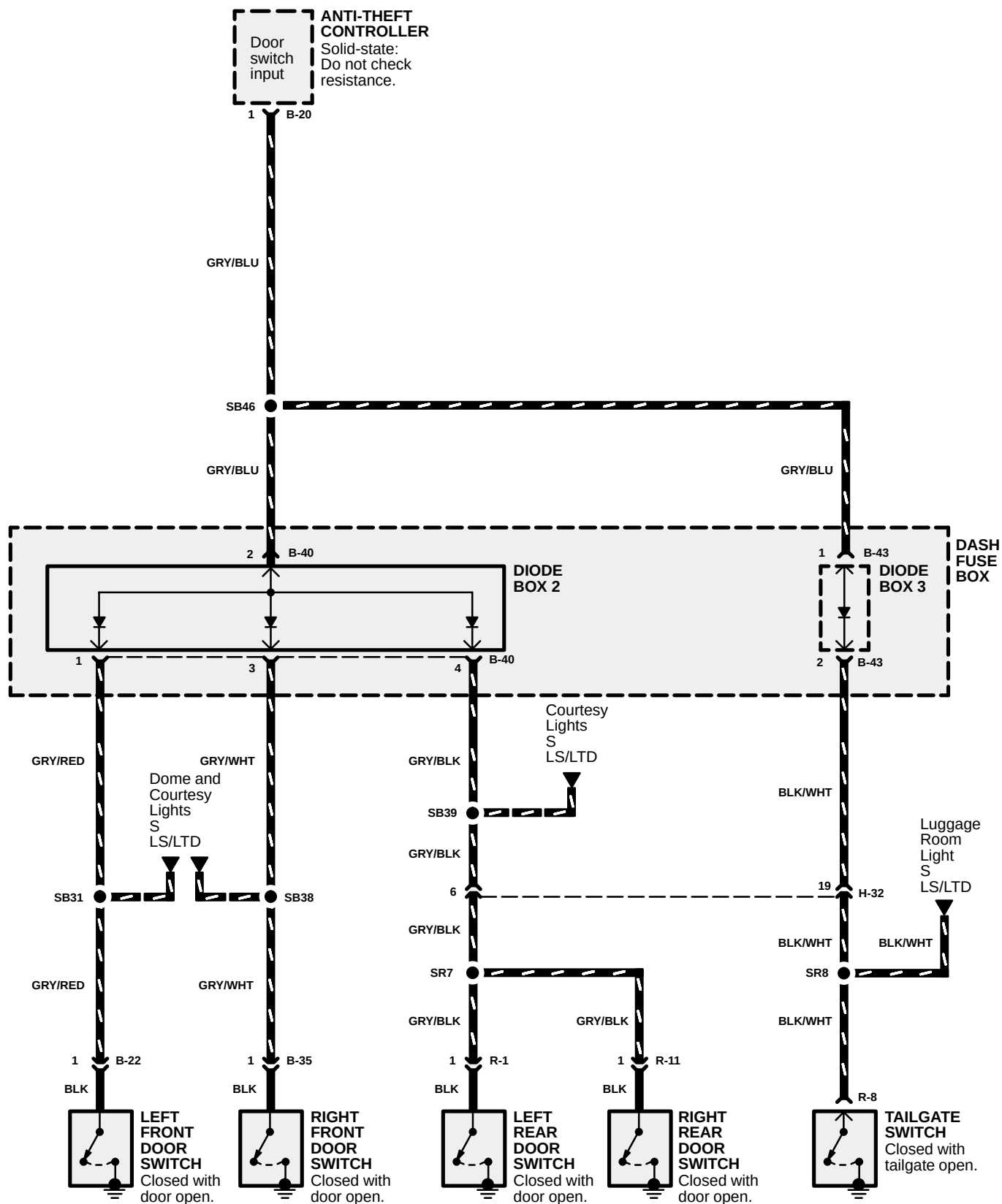
ANTI-THEFT SYSTEM

Circuit Schematic



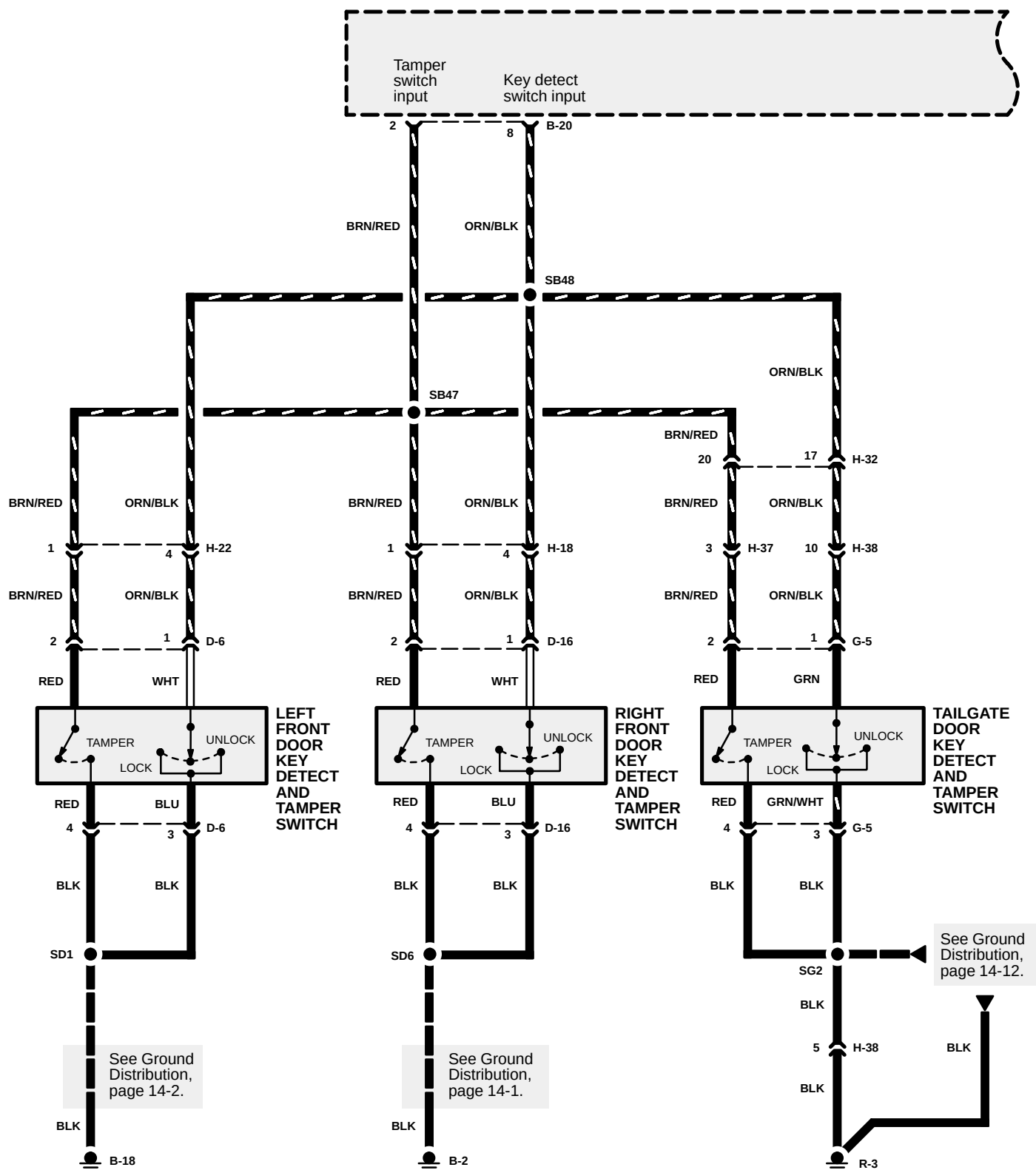
ANTI-THEFT SYSTEM

Circuit Schematic



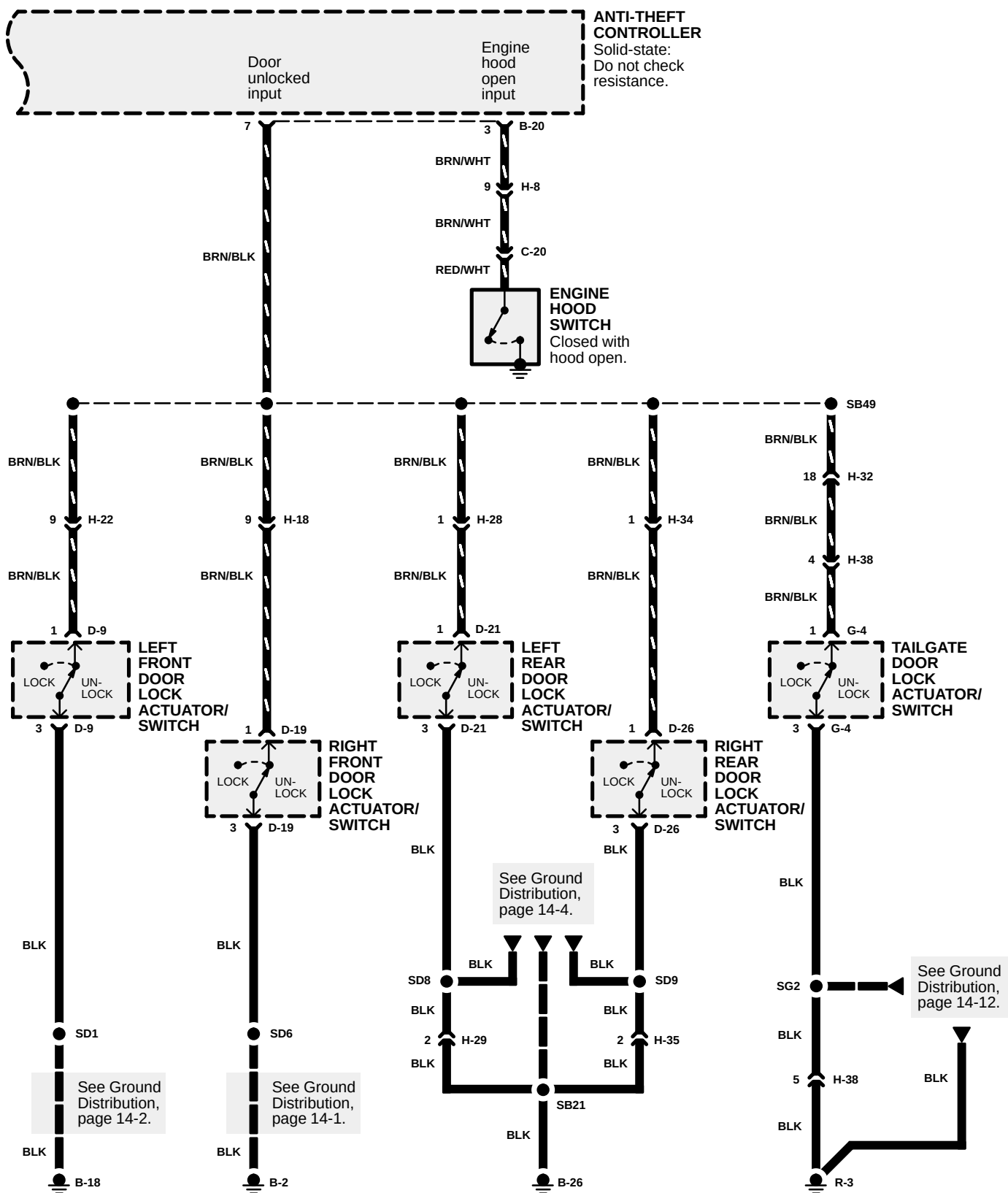
ANTI-THEFT SYSTEM

Circuit Schematic



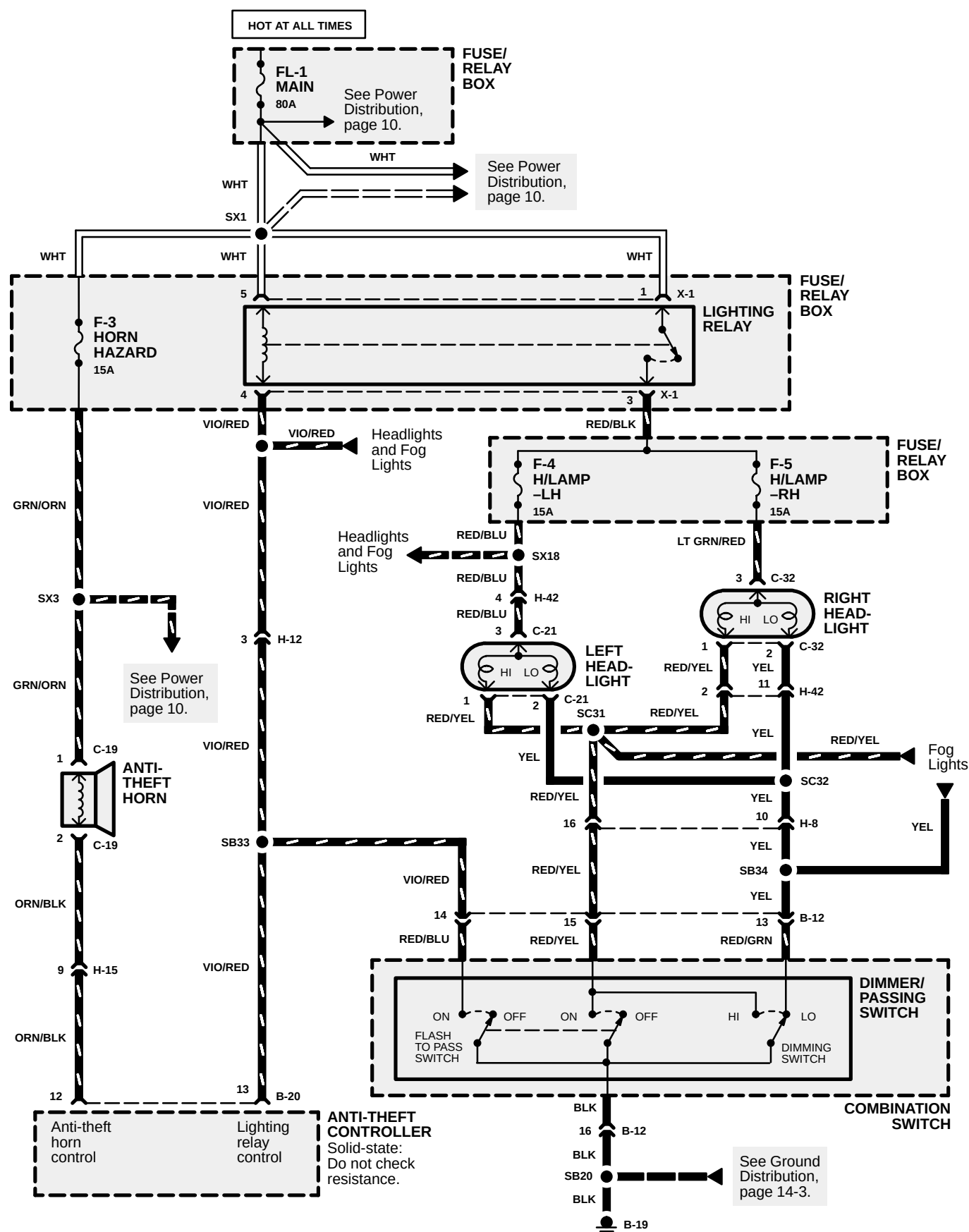
ANTI-THEFT SYSTEM

Circuit Schematic



ANTI-THEFT SYSTEM

Circuit Schematic



ANTI-THEFT SYSTEM

Component Location Index

(Refer to Section 201 for photographs.)

Component	Photo No.
Anti-theft Controller	Below left side of I/P 56
Anti-theft Horn	Right rear corner of engine compartment 39
Dash Fuse Box	Behind left dash side trim panel 51
Diode Box 2	In dash fuse box 49
Diode Box 3	In dash fuse box 49
Engine Hood Switch	Left front of engine compartment 27
Fuse/Relay Box	Right side of engine compartment, on inner fender panel 33
Left Front Door Key Detect	
And Tamper Switch	Inside left front door, part of outside handle assembly 79
Left Front Door Lock	
Actuator/Switch	Inside rear of left front door, behind trim pad 80
Left Front Door Switch	Near left front door striker 75
Left Rear Door Lock	
Actuator/Switch	Inside of left rear door, behind trim pad 84
Left Rear Door Switch	Near left rear door striker 82
Lighting Relay	In fuse/relay box 35
Right Front Door Key Detect	
And Tamper Switch	Inside right front door, part of outside handle assembly 79
Right Front Door Lock	
Actuator/Switch	Inside rear of right front door, behind trim pad 80
Right Front Door Switch	Near right front door striker 75
Right Rear Door Lock	
Actuator/Switch	Inside of right rear door, behind trim pad 84
Right Rear Door Switch	Near right rear door striker 82
Starter Relay	In fuse/relay box 38
Tailgate Door Key Detect	
And Tamper Switch	Inside left tailgate door, behind trim pad 92
Tailgate Door Lock	
Actuator/Switch	Inside left tailgate door, behind trim pad 91
Tailgate Switch	Center rear of luggage room floor 94
Connector	
B-12 (16-WHT)	Below I/P, right of steering column 58
C-20 (1-GRY)	Left front of engine compartment 27
D-6 (4-GRY)	Inside left front door, behind trim pad 79
D-16 (4-GRY)	Inside right front door, behind trim pad 79
G-5 (4-GRY)	Inside left tailgate door, behind trim pad 92
H-8 (16-BLK)	Below I/P, above left dash side trim panel, on bracket 53
H-12 (20-WHT)	Below I/P, above right dash side trim panel, on bracket 69
H-15 (14-WHT)	Below I/P, above right dash side trim panel, on bracket 70
H-18 (18-WHT)	Behind right dash side trim panel, in access hole 74
H-22 (18-WHT)	Behind left dash side trim panel, in access hole 74
H-26 (20-WHT)	Below I/P, above left dash side trim panel, on bracket 54
H-28 (6-WHT)	In left center pillar 81
H-29 (3-BLU)	In left center pillar 81
H-32 (16-CAVITY)	
(S w/o PEP)	Below left front seat 105
H-32 (22-BLK)	
(S w/PEP, LS, LTD)	Below left front seat 105

ANTI-THEFT SYSTEM

Component Location Index

(Refer to Section 201 for photographs.)

Connector		Photo No.
H-34 (6-WHT)	In right center pillar	81
H-35 (3-BLU)	In right center pillar	81
H-37 (4-GRY)	Left rear of luggage room	89
H-38 (10-WHT)	Left rear of luggage room	89
H-42 (16-BLK)	Right front of engine compartment	31
R-1 (2-WHT)	Left front of luggage room, behind grommet	90
R-11 (2-WHT)	Right front of luggage room, behind grommet	90
Ground		
B-2	Above right dash side trim panel	71
B-18	Behind top of left dash side trim panel	54
B-19	Behind top of left dash side trim panel	54
B-26	Below rear of center console	67
R-3	Left side of luggage room	90

Circuit Operation

The Anti-theft System consists of the following components:

- Anti-theft controller
- Left and right door switches
- Left front, right front, and tailgate door key detect and tamper switches
- Tailgate switch
- Engine hood switch
- Door lock actuators
- Left and right front door lock switches
- Lighting relay
- Starter relay
- Headlights
- “ANTI-THEFT” indicator light
- Anti-theft horn

The arming sequence is initiated with the starter switch in the LOCK position and all doors closed. This results in all theft related switches to be open to ground. The “ANTI-THEFT” indicator then flashes for about 30 seconds or until the arming sequence is completed. When the driver’s door is locked using the door key, the door lock actuator internal switch will open, removing the ground signal from the anti-theft control unit input. Now all inputs to the anti-theft control unit are open to ground and the “ANTI-THEFT” indicator stays lit for about 8 seconds. The anti-theft system is now armed. If any of the theft related switches are grounded, the theft alarm is activated. The anti-theft controller does not allow the vehicle to be started by not applying ground to the starter relay. The anti-theft controller pulses a ground signal to the lighting relay causing the headlights to flash. At the same time, the anti-theft controller unit pulses a ground signal to the anti-theft horn, causing it to sound. The system alarm is cancelled when the anti-theft controller sees battery voltage at its ignition input or a ground signal at its key detect input.