

GROUND DISTRIBUTION: R-3 AND R-4

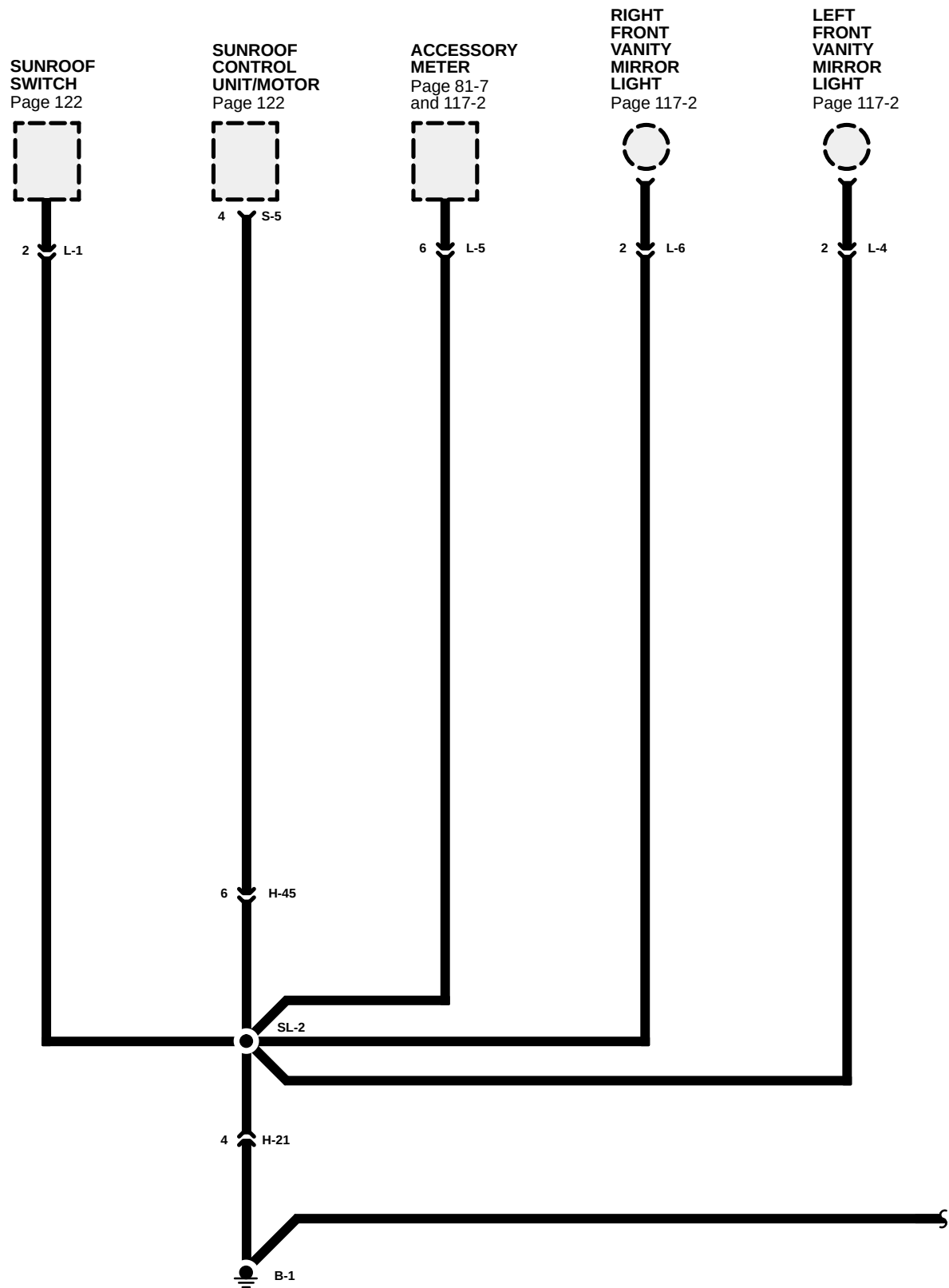
Component Index

Alarm and Relay Control Unit	Flasher Unit	Right Front Door Key Detect and Tamper Switch
4WD Actuator Assembly	Front Axle Switch	Right Front Door Lock Actuator/Switch
4WD Control Unit	Front Axle Vacuum Solenoid Valve (D) - Blue	Right Front Door Lock Key Switch
4WD Transfer Switch	Front Axle Vacuum Solenoid Valve (C) - Gray	Right Front Seat Recline Motor and Switch
A/T Shift Indicator Control Unit	Fuel Pump	Shift Lock Controller
Anti-theft and Keyless Entry Control Unit	Fuel Pump Relay	Starter Relay
Brake Fluid Level Switch	Fuel Tank Unit	Sunroof Control Unit/Motor
Dash Fuse Box	Fuse/Relay Box	Tailgate Door Key Detect and Tamper Switch
Data Link Connector (DLC) C63 (16-BLK)	Heater and A/C Relay	Tailgate Door Lock Actuator/Switch
Driver's Seat Belt Switch	Hi-Max Relay	Trailer Lighting Connector H-44 (6-WHT)
Driver's Seat Recline Motor and Switch	In-car Temperature Sensor	Upshift Relay-1
Driver's Seat Tilt Motor and Switch (Front)	ION Sensing Module	Vehicle Speed Sensor (VSS) (A/T)
Driver's Seat Tilt Motor and Switch (Rear)	Left Front Door Key Detect and Tamper Switch	Vehicle Speed Sensor (VSS) (M/T)
ECM or PCM Main Relay	Left Front Door Lock Actuator/Switch	Windshield Washer Motor
Electronic Brake Control Module (EBCM)	Left Front Door Lock Key Switch	Windshield Wiper Motor
Engine or Powertrain Control Module (ECM or PCM)	Mass Air Flow (MAF) Sensor	
Exhaust Gas Recirculation (EGR) Solenoid Valve	Power Transistor	
	Power Window Relay	
	Rear Washer Motor	
	Rear Wiper Motor	

GROUND DISTRIBUTION: B-1

Circuit Schematic

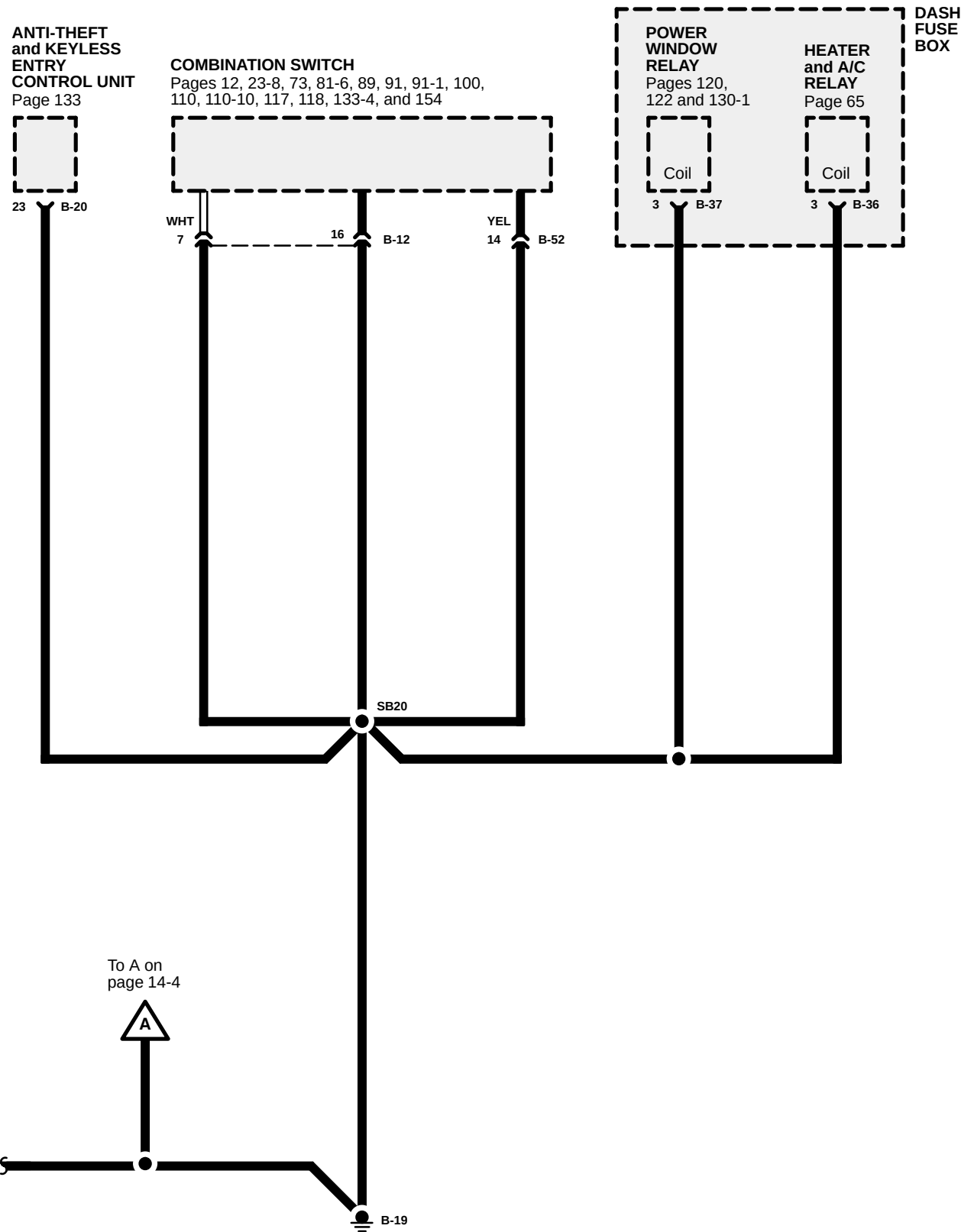
NOTE: Wires shown without color codes are black.



GROUND DISTRIBUTION: B-19

Circuit Schematic

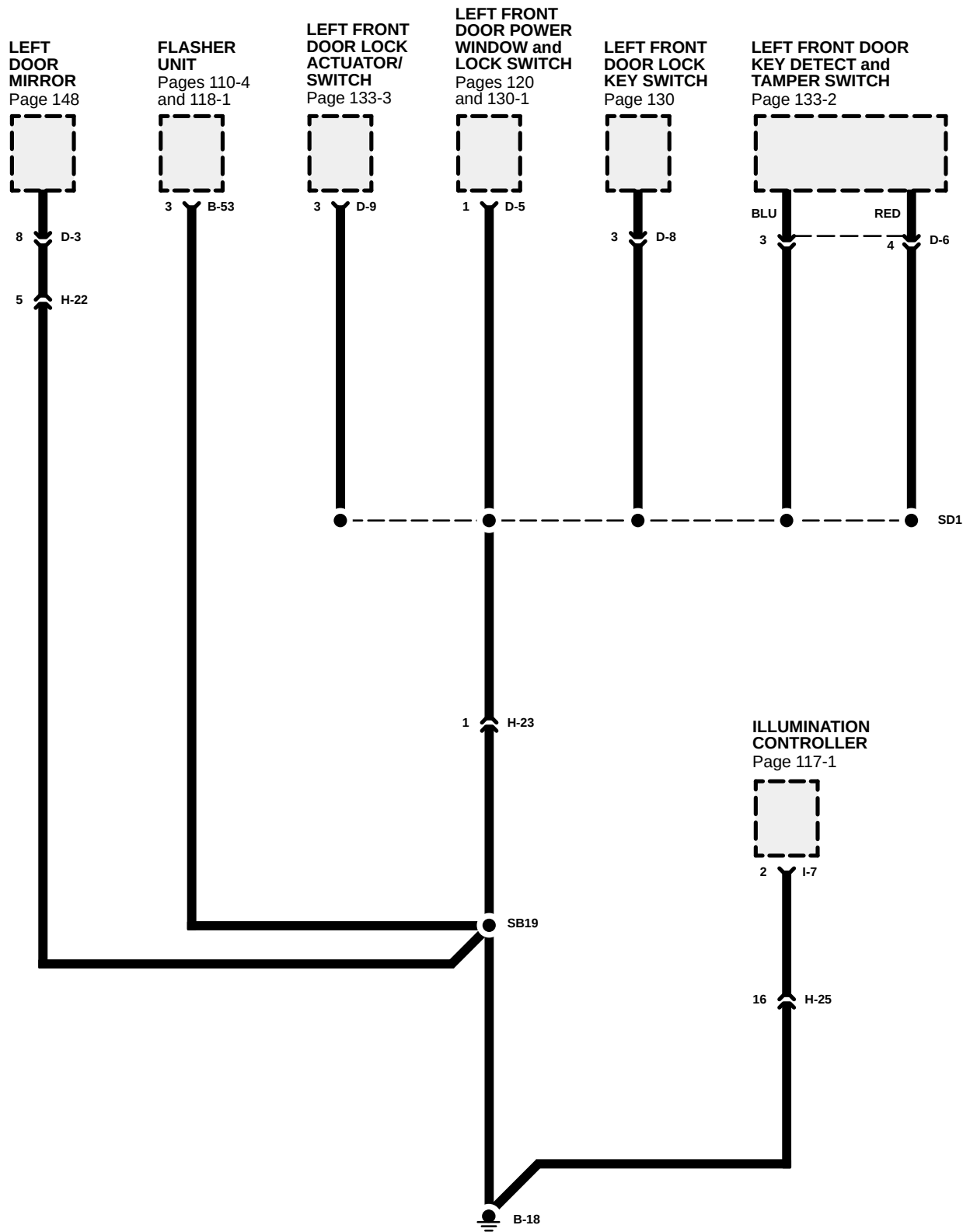
NOTE: Wires shown without color codes are black.



GROUND DISTRIBUTION: B-18

Circuit Schematic

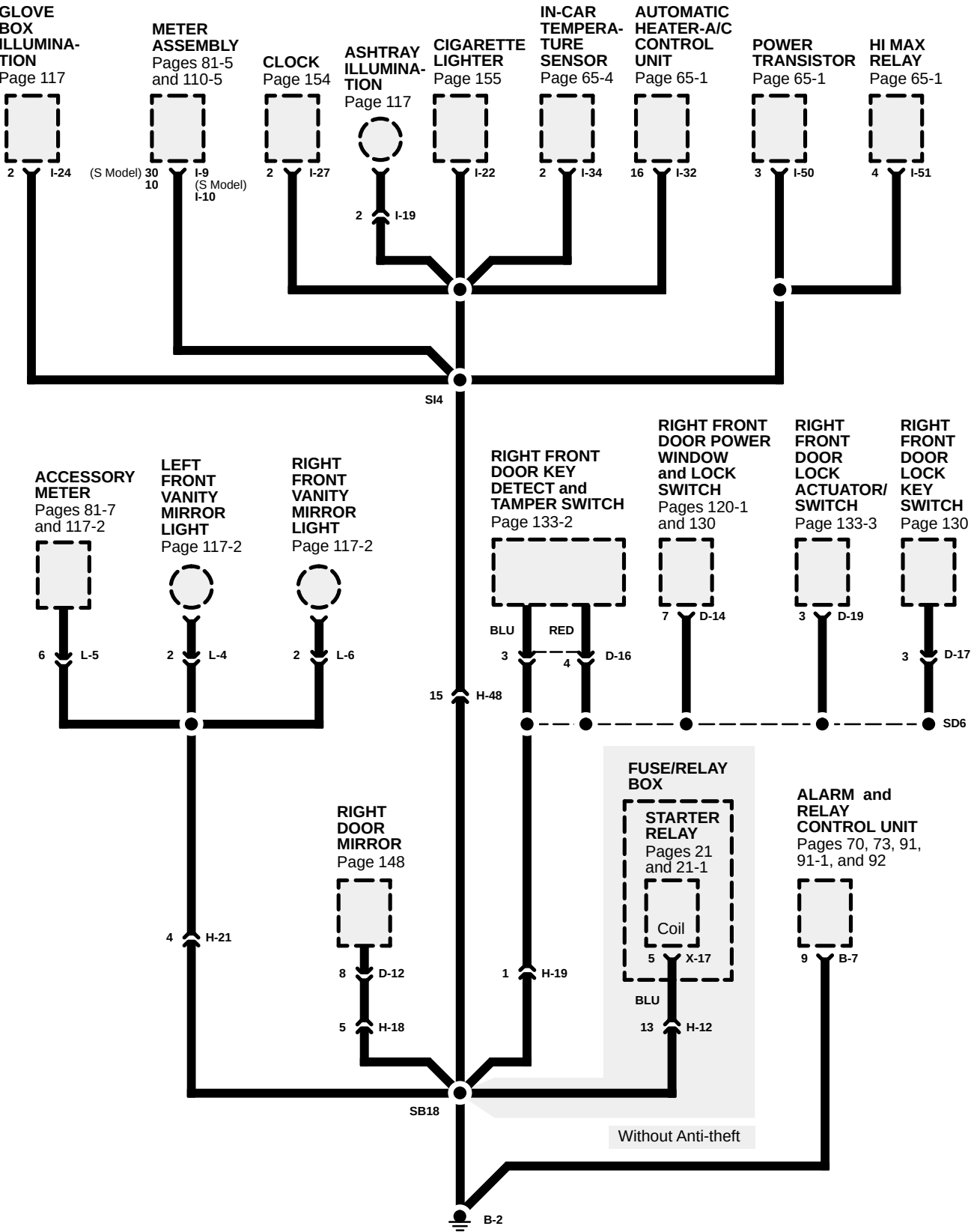
NOTE: Wires shown without color codes are black.



GROUND DISTRIBUTION: B-2

Circuit Schematic

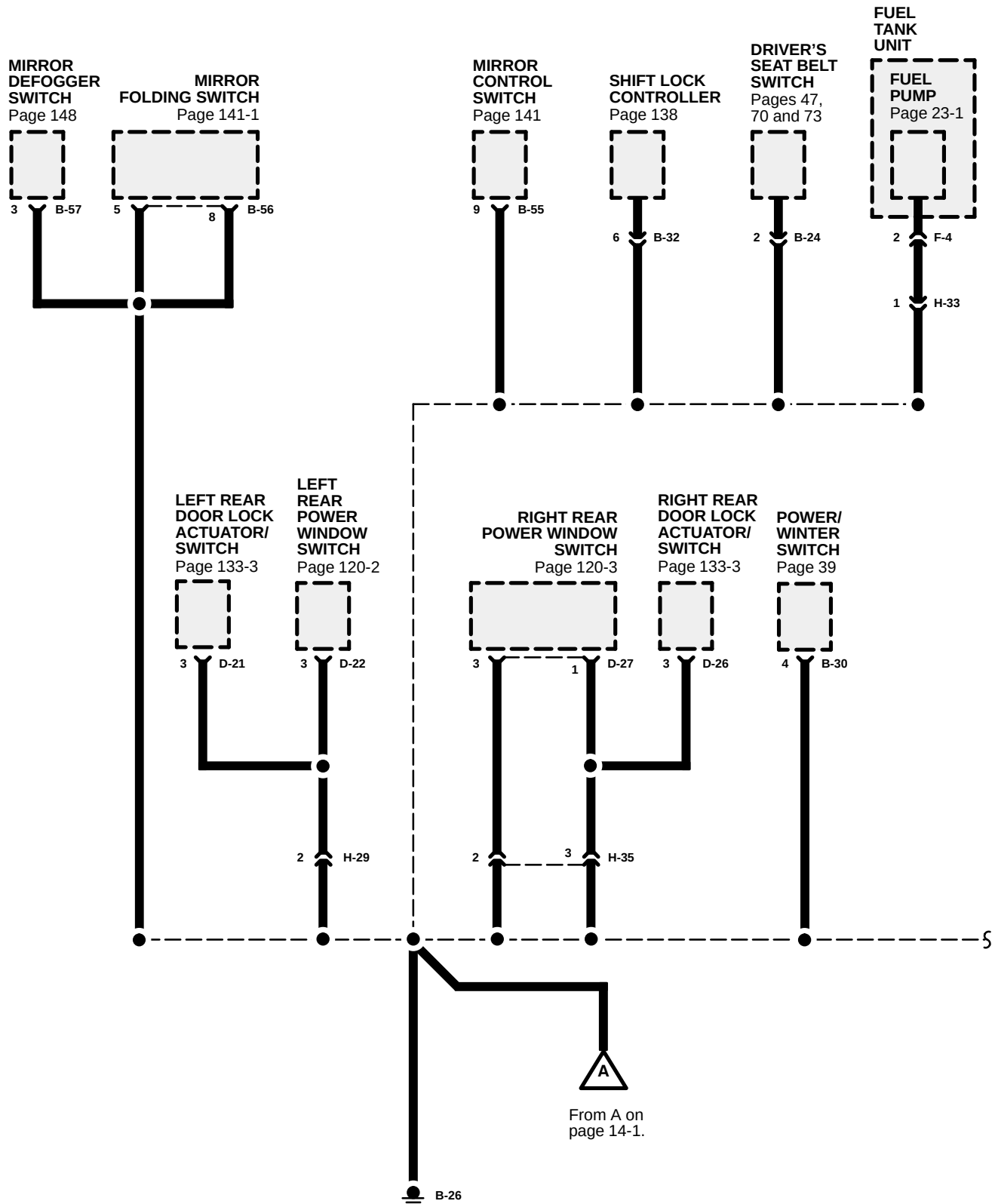
NOTE: Wires shown without color codes are black.



GROUND DISTRIBUTION: B-26

Circuit Schematic

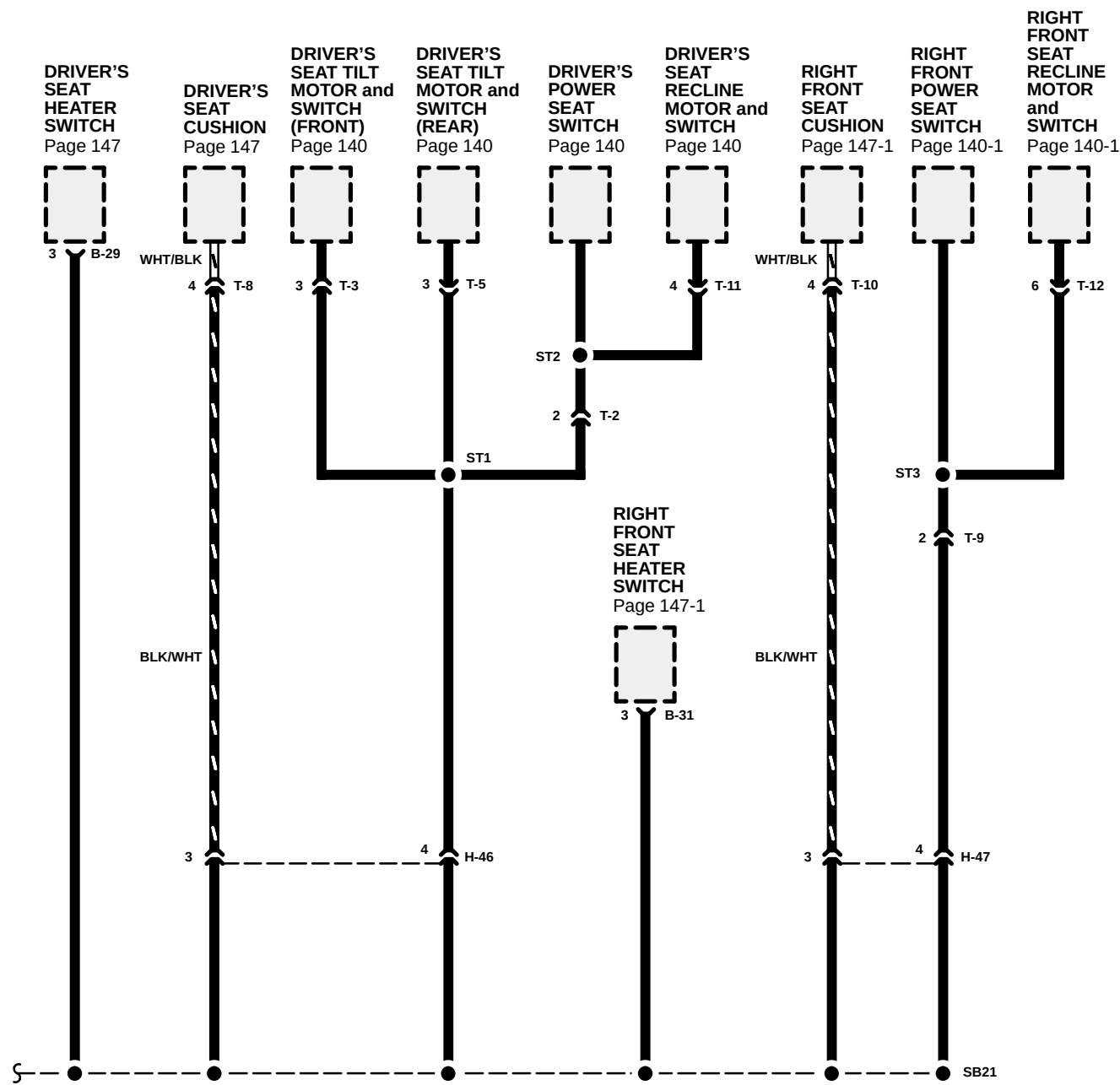
NOTE: Wires shown without color codes are black.



GROUND DISTRIBUTION: B-26

Circuit Schematic

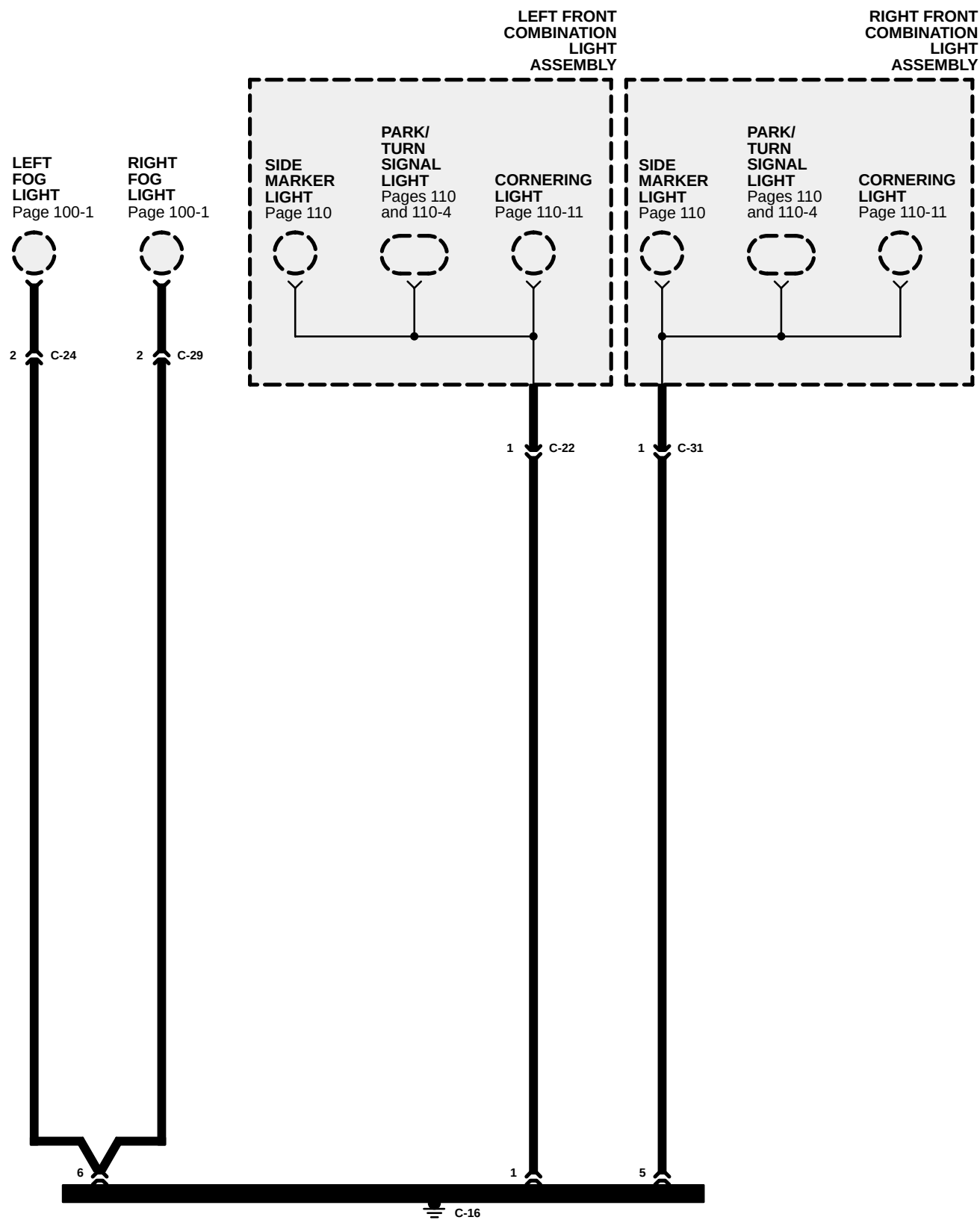
NOTE: Wires shown without color codes are black.



GROUND DISTRIBUTION: C-16

Circuit Schematic

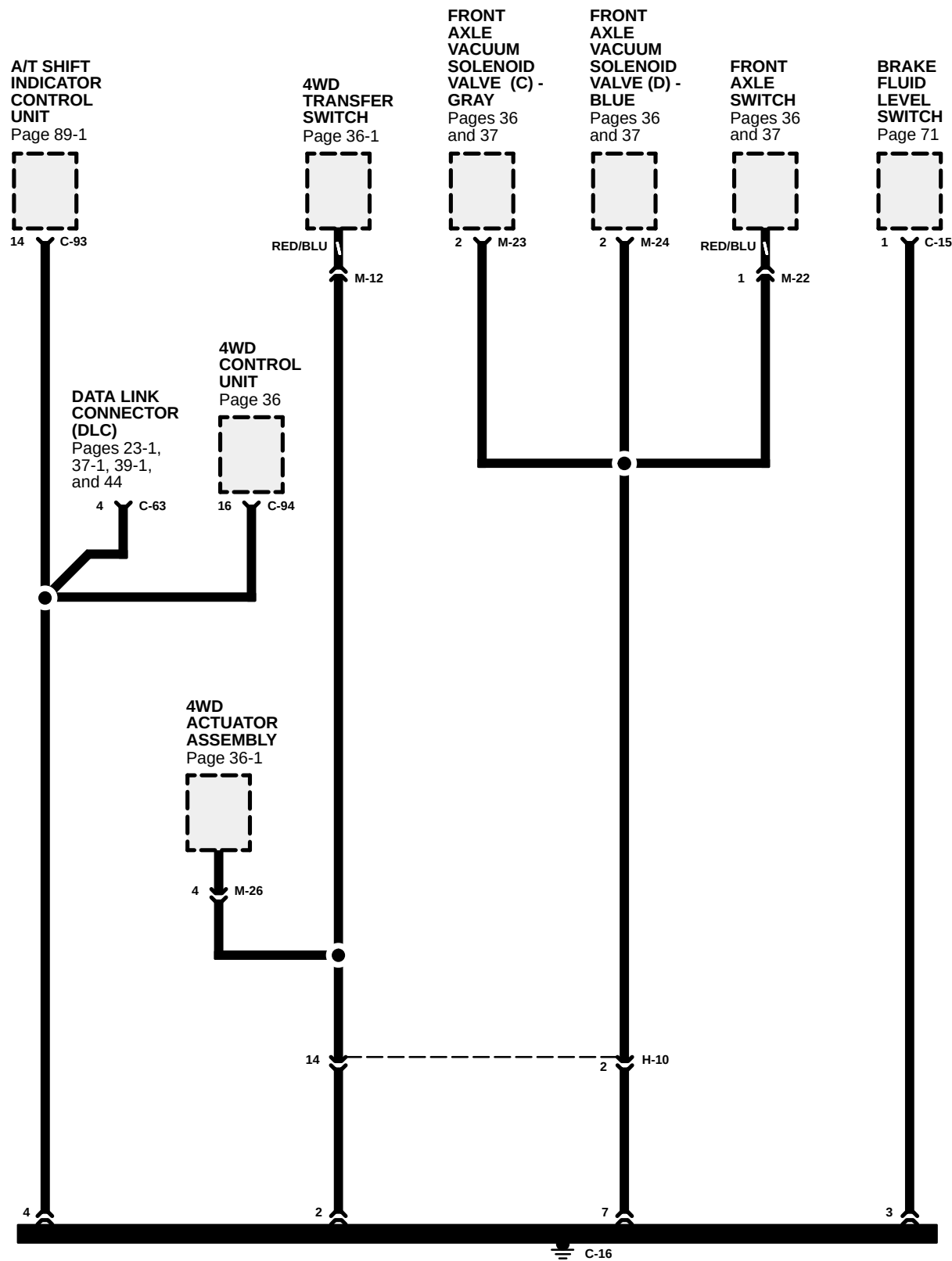
NOTE: Wires shown without color codes are black.



GROUND DISTRIBUTION: C-16

Circuit Schematic

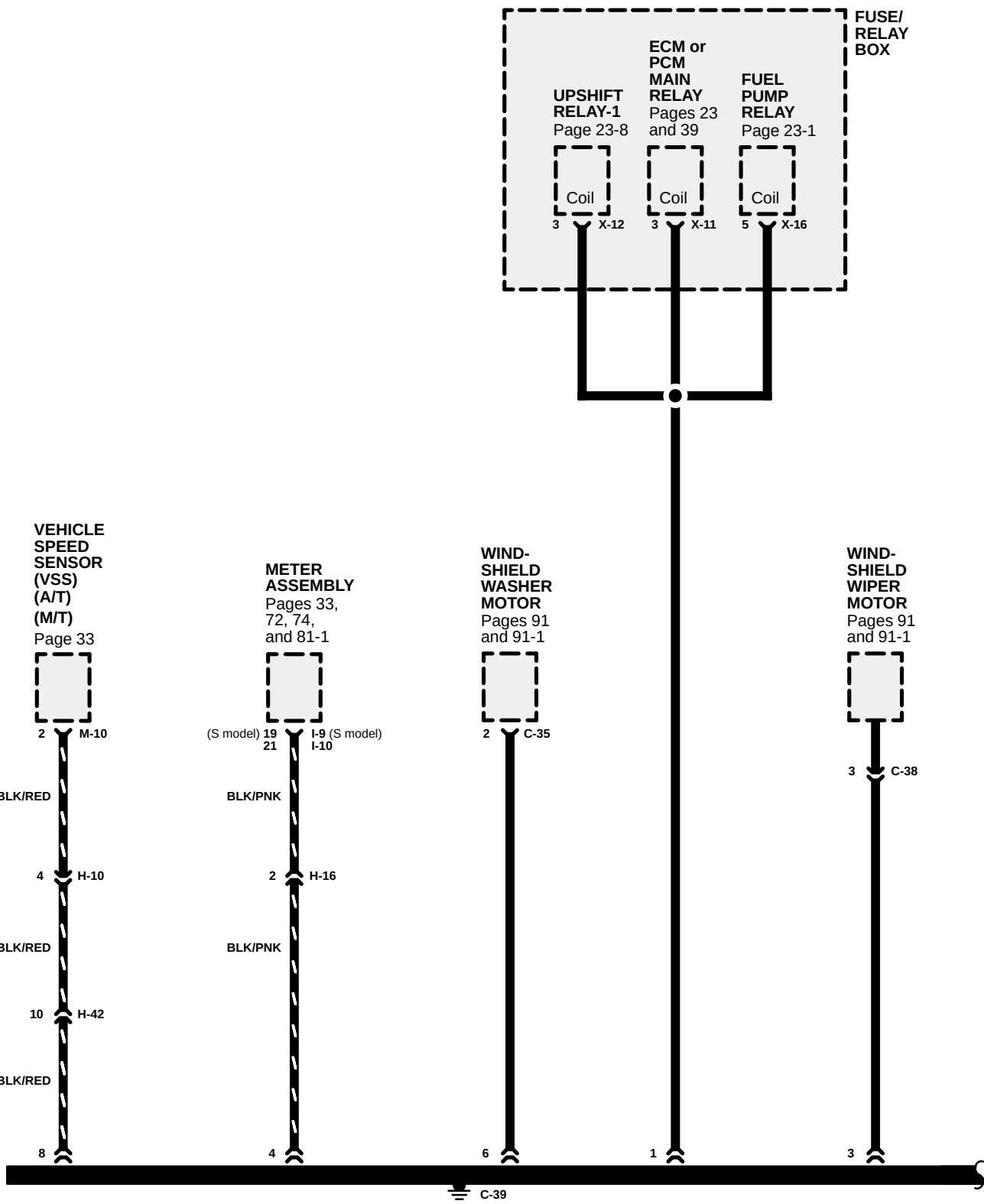
NOTE: Wires shown without color codes are black.



GROUND DISTRIBUTION: C-39

Circuit Schematic

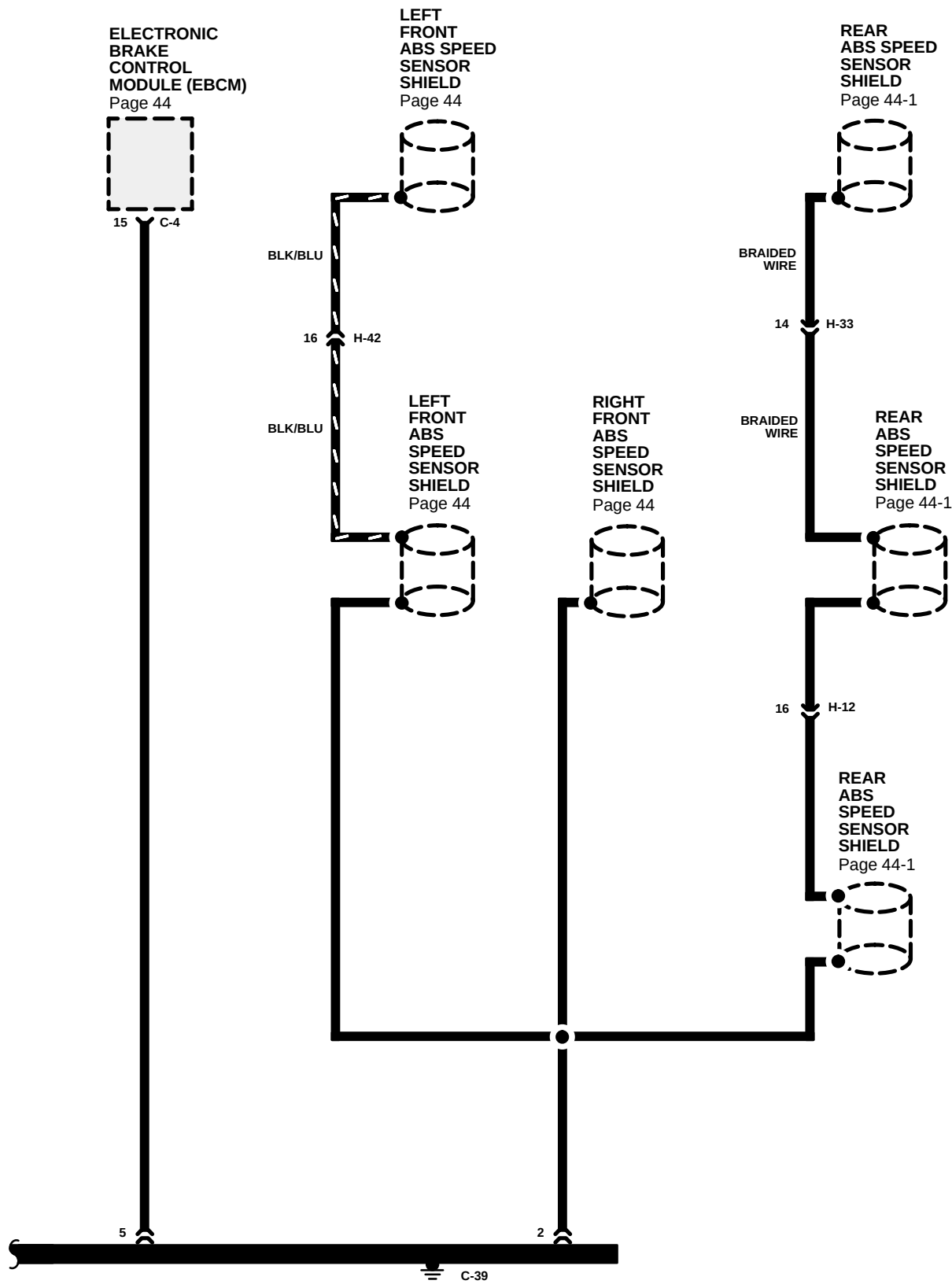
NOTE: Wires shown without color codes are black.



GROUND DISTRIBUTION: C-39

Circuit Schematic

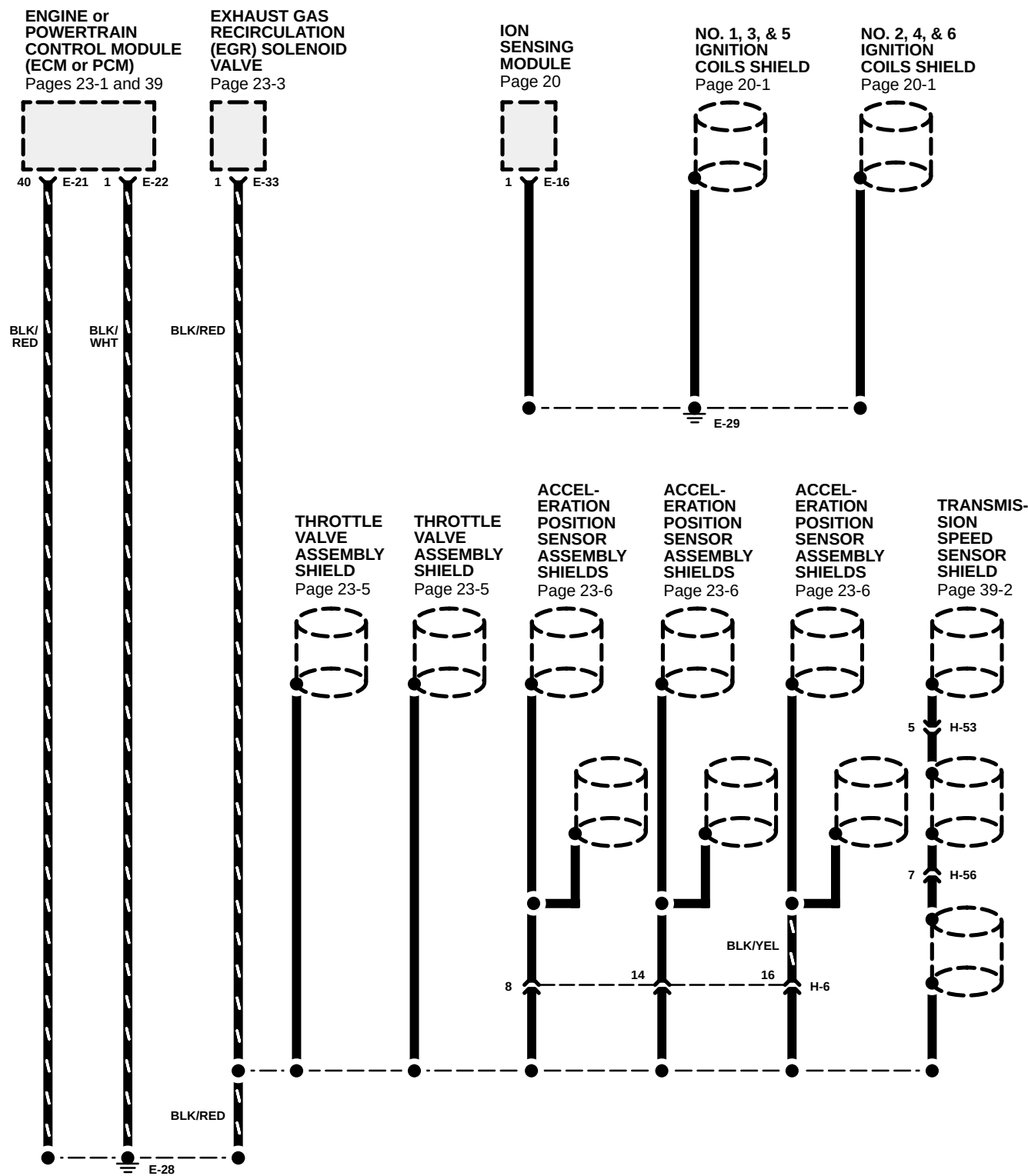
NOTE: Wires shown without color codes are black.



GROUND DISTRIBUTION: E-28 AND E-29

Circuit Schematic

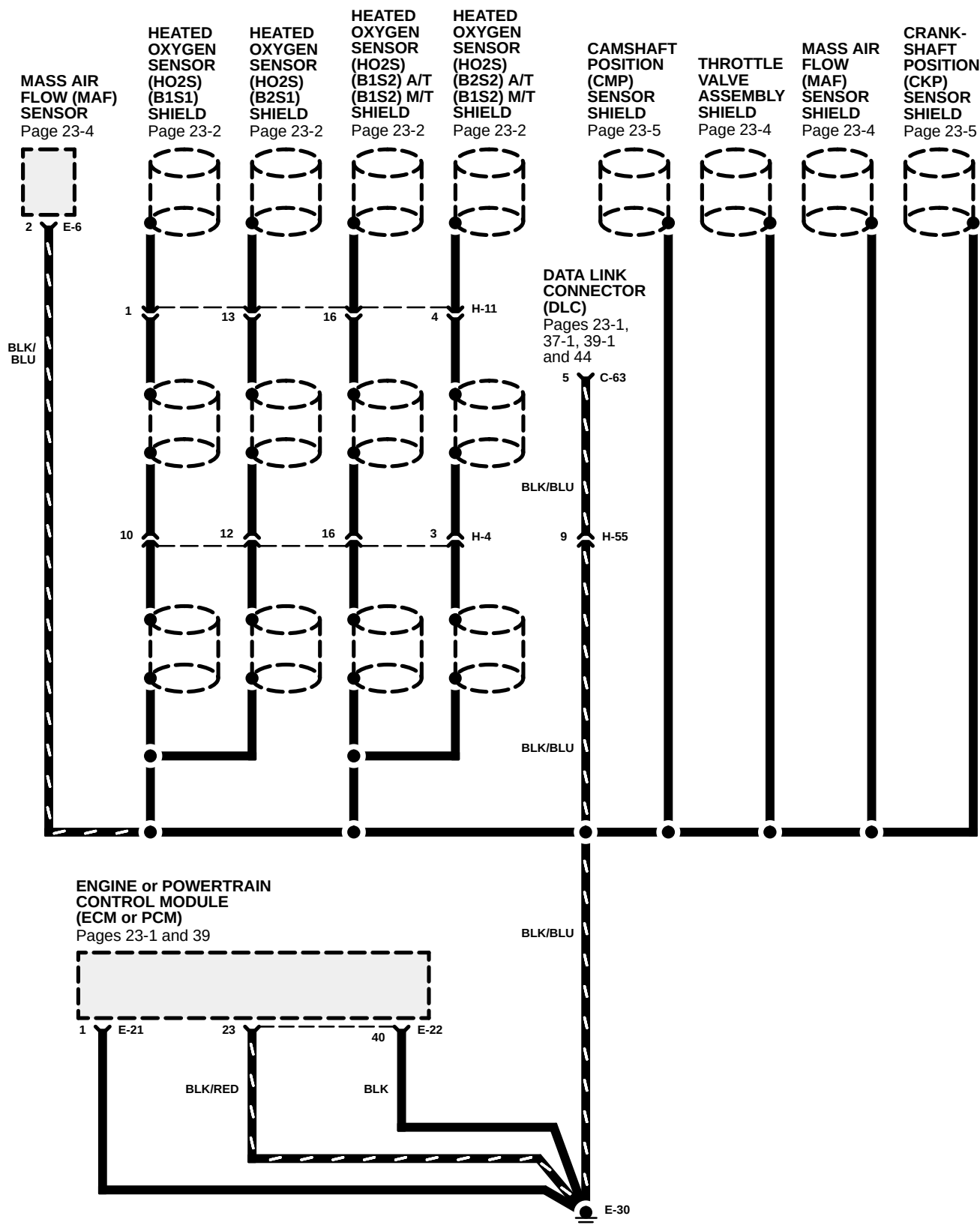
NOTE: Wires shown without color codes are black.



GROUND DISTRIBUTION: E-30

Circuit Schematic

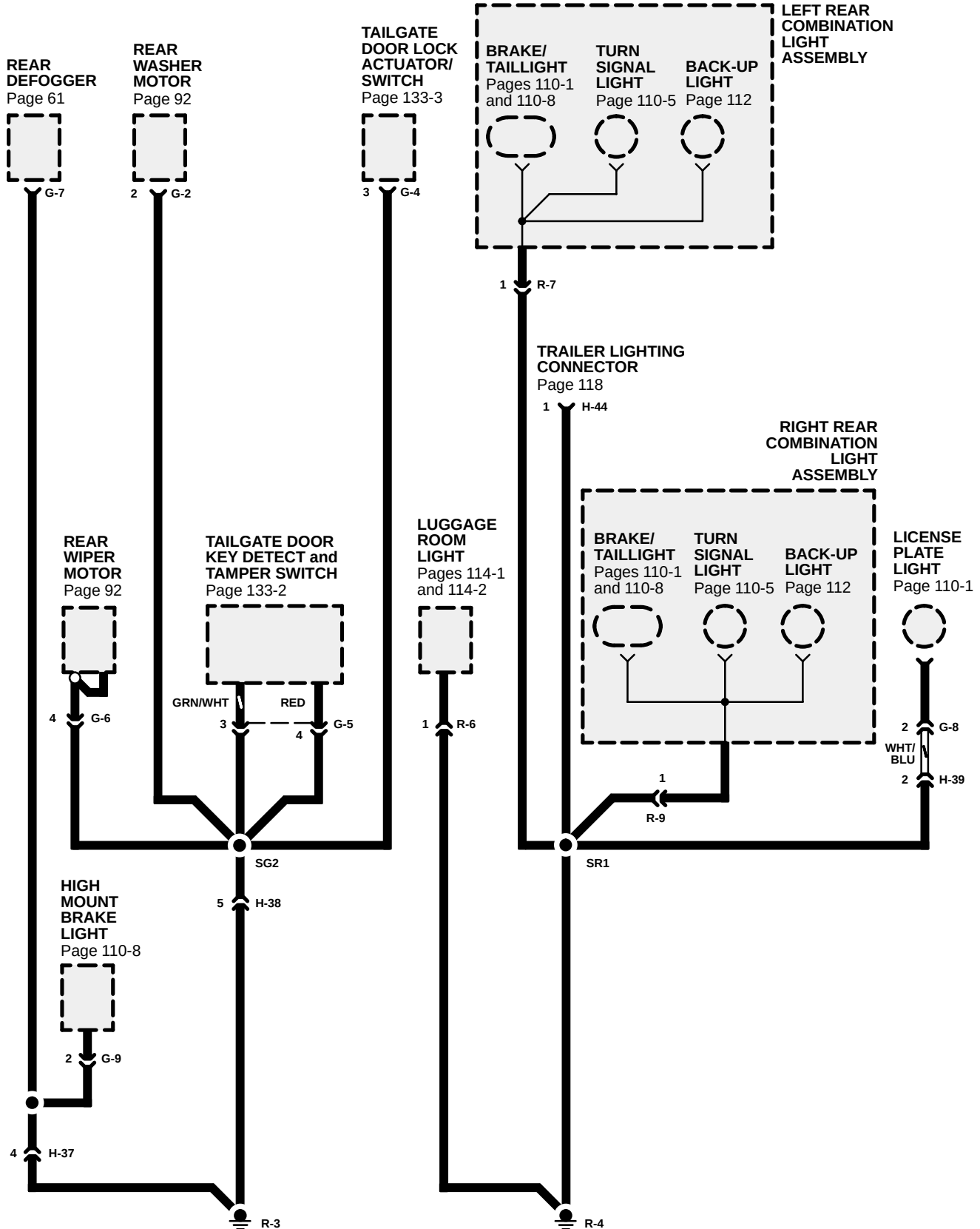
NOTE: Wires shown without color codes are black.



GROUND DISTRIBUTION: R-3 AND R-4

Circuit Schematic

NOTE: Wires shown without color codes are black.



GROUND DISTRIBUTION: R-3 AND R-4

Component Location Index

(Refer to Section 201 for photographs.)

Component	Photo No.
Alarm and Relay Control	
Unit	Behind right kick panel 116
4WD Actuator Assembly	On rear of transmission 119
4WD Control Unit	Behind front console 62
4WD Transfer Switch	Beneath vehicle, on right side of transfer case 42
A/T Shift Indicator Control	
Unit	Below I/P, left of steering column 74
Anti-theft and Keyless Entry	
Control Unit	Behind front console 62
Brake Fluid Level Switch	Left rear of engine compartment 39
Dash Fuse Box	Behind left dash side trim panel 55
Data Link Connector (DLC)	
C63 (16-BLK)	Left I/P lower cover, behind access cover 47
Driver's Seat Belt Switch	In left front seat belt buckle
Driver's Seat Recline Motor	
and Switch	In driver's seatback 113
Driver's Seat Tilt Motor	
and Switch (Front)	Underside of driver's seat 106
Driver's Seat Tilt Motor	
and Switch (Rear)	Underside of driver's seat 106
ECM or PCM Main Relay	In fuse/relay box 38
Electronic Brake Control	
Module (EBCM)	Right front of engine compartment 41
Engine or Powertrain Control	
Module (ECM or PCM)	Behind front console 60
Exhaust Gas Recirculation	
(EGR) Solenoid Valve	Right side of engine 16
Flasher Unit	On top of dash fuse box 60
Front Axle Switch	Left center of front axle 17
Front Axle Vacuum Solenoid	
Valve (D) - Blue	Center of front axle 9
Front Axle Vacuum Solenoid	
Valve (C) - Gray	Center of front axle 9
Fuel Pump	Beneath rear of vehicle, in top of fuel tank
Fuel Pump Relay	In fuse/relay box 38
Fuel Tank Unit	Beneath rear of vehicle, in right front of fuel tank 124
Fuse/Relay Box	Right side of engine compartment, on inner fender panel 41
Heater and A/C Relay	In dash fuse box 56
Hi-Max Relay	Right side of I/P, behind glove box 72
In-car Temperature Sensor	Center of I/P 64
ION Sensing Module	Top of engine 28
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 Lock	
Key Switch	Inside left front door, part of door lock assembly 80

GROUND DISTRIBUTION

Component Location Index

(Refer to Section 201 for photographs.)

Component (cont'd)	Photo No.
Limit Switch	Right rear underside of roof
Mass Air Flow (MAF) Sensor	Left front corner of engine compartment 13
Power Transistor	Right side of I/P behind glove box 72
Power Window Relay	In dash fuse box 56
Power Transistor	Right side of I/P, behind glove box 72
Rear Washer Motor	Inside left tailgate door, behind trim pad 93
Rear Wiper Motor	Inside left tailgate door, behind trim pad 91
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 Lock Key Switch	Inside rear of right front door, part of door lock assembly 80
Right Front Seat Recline Motor and Switch	In right front seatback 113
Shift Lock Controller	Below front console 65
Starter Relay	In fuse/relay box 38
Sunroof Control Unit/Motor	Rear underside of roof 88
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
Trailer Lighting Connector H-44 (6-WHT)	Below left rear corner of vehicle, behind grommet 102
Upshift Relay-1	In fuse/relay box 34
Vehicle Speed Sensor (VSS) (A/T)	Beneath center of vehicle, on rear of transmission 129
Vehicle Speed Sensor (VSS) (M/T)	Beneath center of vehicle, on rear of transmission 119
Windshield Washer Motor	Right front corner of engine compartment, in washer fluid reservoir 122
Windshield Wiper Motor	Right rear corner of engine compartment 45

GROUND DISTRIBUTION

Component Location Index

(Refer to Section 201 for photographs.)

Connector

B-12 (16-WHT)	Below I/P, right of steering column	58
B-24 (3-BLK)	Below driver's seat	104
B-32 (6-WHT)	Below rear of front console	66
B-52 (14-BLK)	Below I/P, right of steering column	58
C-22 (4-GRY)	Behind left front combination light assembly	3
C-24 (2-GRY)	Behind left fog light	4
C-29 (2-GRY)	Behind right fog light	4
C-31 (4-GRY)	Behind right front combination light assembly	3
C-38 (6-WHT)	Right rear of engine compartment	45
D-3 (8-WHT)	In top of left front door	78
D-6 (4-GRY)	Inside left front door, behind trim pad	79
D-8 (3-WHT)	Inside left front door, behind trim pad	80
D-12 (8-WHT)	In top of right front door	78
D-16 (4-GRY)	Inside right front door, behind trim pad	79
D-17 (3-WHT)	Inside right front door, behind trim pad	80
F-4 (2-BLK)	Beneath rear of vehicle, right of fuel tank	124
G-5 (4-GRY)	Inside left tailgate door, behind trim pad	92
G-6 (4-WHT)	Inside left tailgate door, behind trim pad	91
G-7 (1-BLK)	On right side of glass, in left tailgate door	93
G-8 (2-WHT)	Inside right tailgate door, behind trim pad	95
G-9 (2-WHT/BLK)	Inside top center of left tailgate door	97
H-4 (16-BLK)	Left rear of engine compartment	33
H-10 (16-BLU)	Left front of engine compartment	27
H-11 (16-BLK)	Left front of engine compartment	27
H-12 (20-WHT)	Below I/P, above right dash side trim panel, on bracket	100
H-16 (22-WHT)	Behind right dash side trim panel	120
H-18 (18-WHT)	Behind right dash side trim panel, in access hole	54
H-19 (8-BLK)	Behind right dash side trim panel, in access hole	54
H-21 (8-WHT)	Below I/P, above right dash side trim panel, on bracket	100
H-22 (18-WHT)	Behind left dash side trim panel, in access hole	54
H-23 (8-BLK)	Behind left dash side trim panel, in access hole	54
H-25 (22-BLU)	Below I/P, above left dash side trim panel, on bracket	71
H-29 (3-BLU)	In left center pillar	81
H-33 (20-WHT)	In floor, below right front seat	110
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-39 (2-WHT)	Right rear of luggage room	96
H-42 (16-BLU)	Right front of engine compartment	31
H-45 (6-BLK/WHT)	Center of roof, above map lights	85
H-46 (6-WHT)	Below left side of left front seat	105
H-47 (6-WHT)	Below right side of right front seat	110
H-48 (16-BLK)	Behind right dash side trim panel	120
H-53 (16-GRN)	Left front of engine compartment	27
H-55 (16-BLK)	Right rear of engine compartment	59
I-9 (30-GRN)	On left top of meter assembly	53
I-10 (22-GRN)	On right top of meter assembly	53
I-19 (2-WHT)	Behind cigarette lighter	135

GROUND DISTRIBUTION

Component Location Index

(Refer to Section 201 for photographs.)

Connector (cont'd)

L-1 (3-WHT)	Center of roof, above map lights	85
L-4 (2-BLK)	Left front of roof	49
L-5 (6-WHT)	Above multi-meter	26
L-6 (2-BLK)	Right front of roof	49
M-12 (1-WHT)	Beneath center of vehicle, top right side of transmission	42
M-22 (2-BRN)	Center of front axle	17
M-26 (6-GRY)	On rear of transmission	119
R-6 (3-WHT)	Center rear of roof	87
R-7 (6-WHT/BLK)	Behind left taillight assembly	103
R-9 (6-WHT/BLK)	Behind right taillight assembly	103
T-2 (2-WHT)	Underside of driver's seat	108
T-3 (3-WHT)	Underside of driver's seat	108
T-5 (3-GRY)	Underside of driver's seat	109
T-8 (4-WHT)	Underside of driver's seat	107
T-9 (2-WHT)	Underside of right front seat	112
T-10 (4-WHT)	Underside of right front seat	111
T-11 (6-BLU)	Underside of driver's seat	108
T-12 (6-BLU)	Underside of right front seat	112

Ground

B-1	Above right dash side trim panel	116
B-2	Above right dash side trim panel	116
B-18	Behind top of left dash side trim panel	71
B-19	Behind top of left dash side trim panel	71
B-26	Below rear of center console	67
C-16	Left rear corner of engine compartment, on inner fender panel	39
C-39	Right rear corner of engine compartment, on inner fender panel	45
E-28	Top left rear of engine	32
E-29	Top left of engine	32
E-30	Top right rear of engine	16
R-3	Left side of luggage room	90
R-4	Left side of luggage room	90