

GROUND DISTRIBUTION

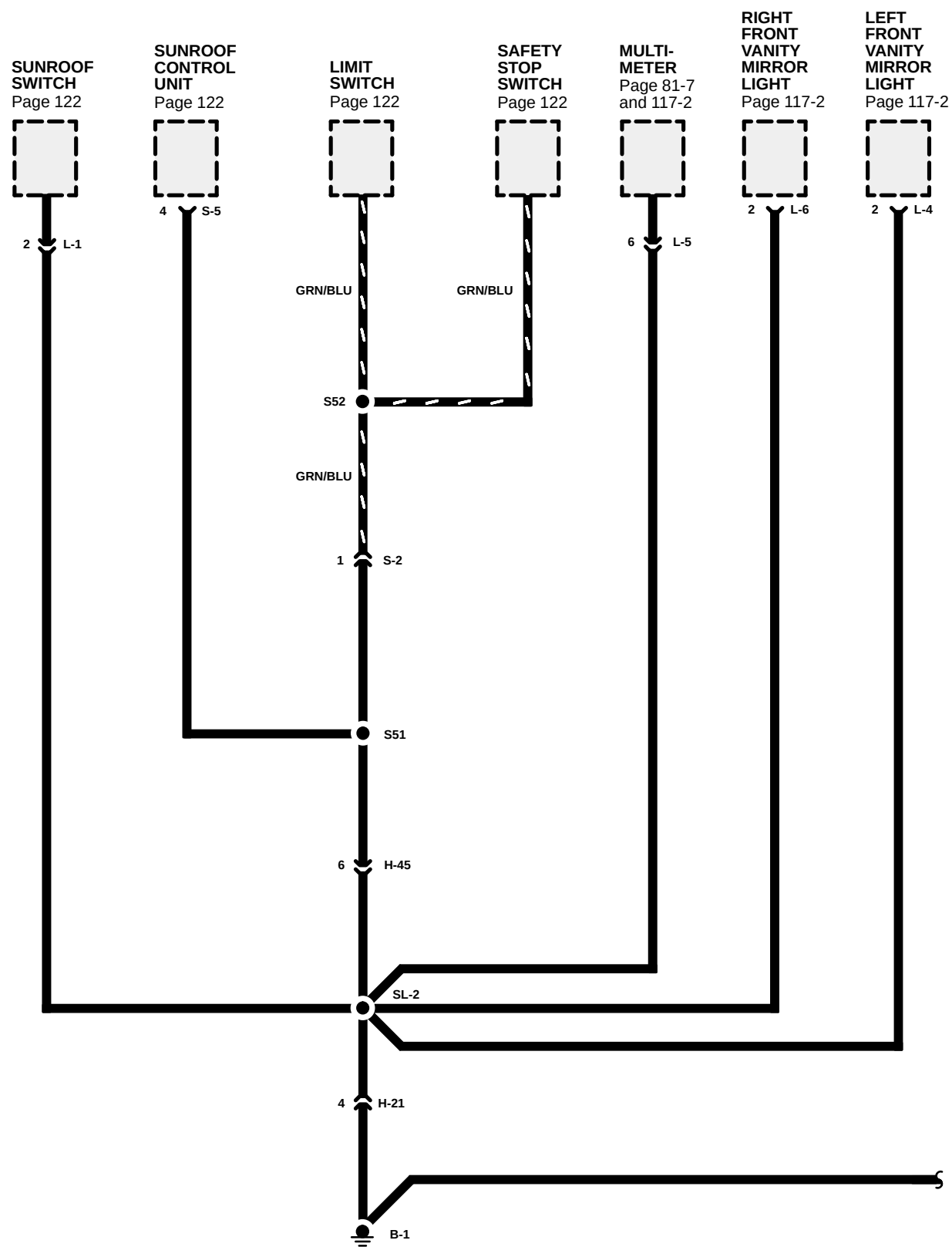
Component Index

4H/L Transfer Switch Assembly	Fuel Pump	Power Window Relay
4WD Actuator Assembly	Fuel Pump Relay	Rear Washer Motor
4WD Control Unit	Fuse/Relay Box	Rear Wiper Motor
4WD Transfer Switch	Heated Oxygen Sensor (HO2S) A (B1S1)	Right Front Door Key Detect and Tamper Switch
A/T Shift Indicator Control Unit	Heated Oxygen Sensor (HO2S) B (B2S1)	Right Front Door Lock Actuator/Switch
Anti-theft and Keyless Entry Control Unit	Heated Oxygen Sensor (HO2S) C (B1S2) (A/T)	Right Front Door Lock Key Switch
Brake Fluid Level Switch	Heated Oxygen Sensor (HO2S) C (B1S3) (M/T)	Right Front Seat Recline Motor and Switch
Cruise Control Unit	Heated Oxygen Sensor (HO2S) D (B1S2) (M/T)	Safety Stop Switch
Dash Fuse Box	Heated Oxygen Sensor (HO2S) D (B2S2) (A/T)	Shift Lock Controller
Data Link Connector (DLC) C63 (16-BLK)	Heater and A/C Relay	Sunroof Control Unit
Drive r's Seat Belt Switch	Kickdown Switch	Tailgate Door Key Detect and Tamper Switch
Drive r's Seat Recline Motor and Switch	Left Front Door Key Detect and Tamper Switch	Tailgate Door Lock Actuator/Switch
Drive r's Seat Tilt Motor and Switch (Front)	Left Front Door Lock Actuator/Switch	T.O.D. Control Unit
Drive r's Seat Tilt Motor and Switch (Rear)	Left Front Door Lock Key Switch	Trailer Lighting Connector H-44 (6-WHT)
ECM or PCM Main Relay	Limit Switch	Upshift Relay-1
Electronic Brake Control Module (EBCM)	Mass Air Flow (MAF) Sensor	Upshift Relay-2
Engine or Powertrain Control Module (ECM or PCM)	No. 1 Ignition Coil	Vehicle Speed Sensor (VSS) (A/T)
Flasher Unit	No. 2 Ignition Coil	Vehicle Speed Sensor (VSS) (M/T)
Front Axle Switch	No. 3 Ignition Coil	Windshield Washer Motor
Front Axle Vacuum Solenoid Valve (D) - Blue	No. 4 Ignition Coil	Windshield Wiper Motor
Front Axle Vacuum Solenoid Valve (C) - Gray	No. 5 Ignition Coil	
	No. 6 Ignition Coil	

GROUND DISTRIBUTION: B-1 AND B-2

Circuit Schematic

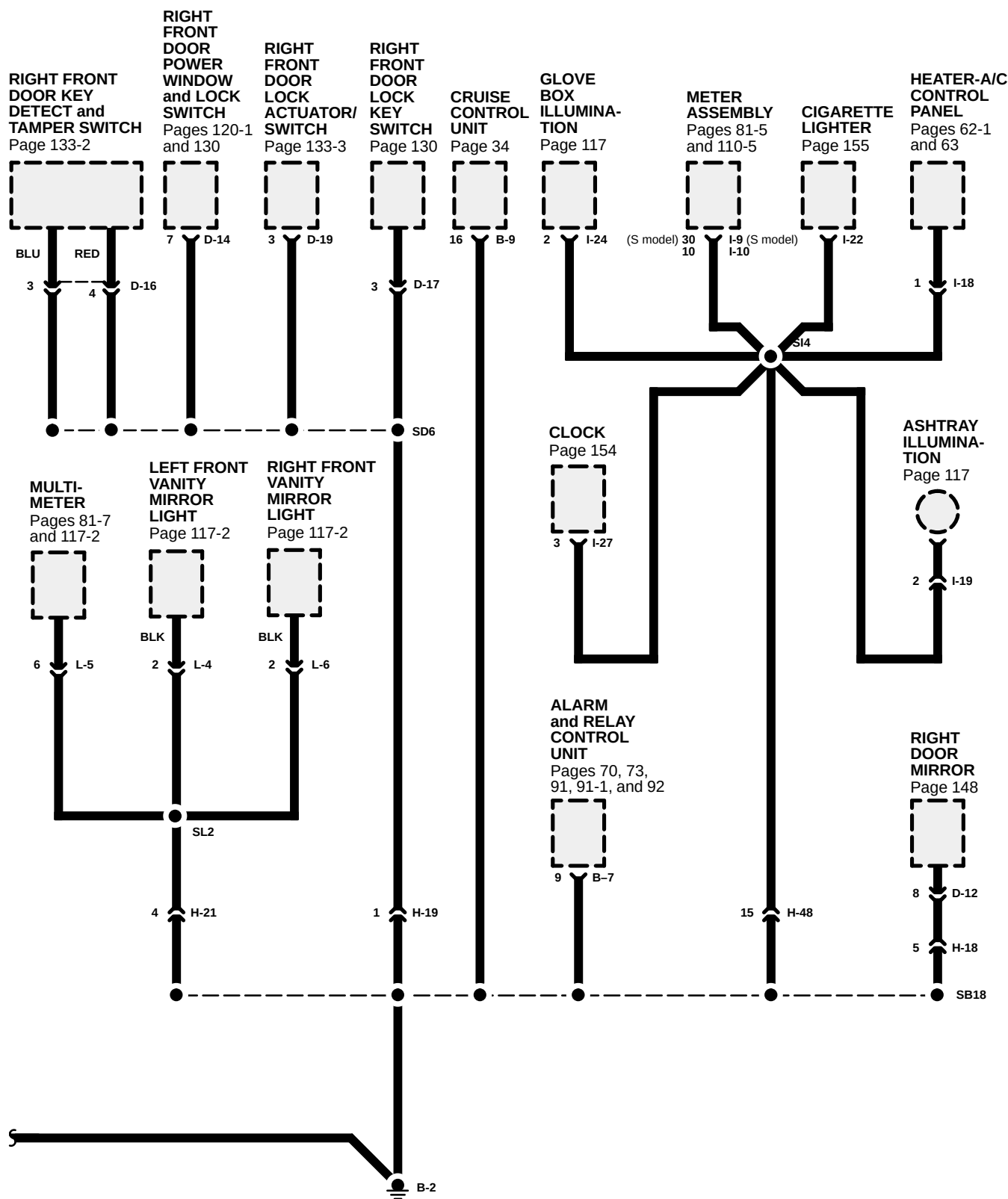
NOTE: Wires shown without color codes are black.



GROUND DISTRIBUTION: B-1 AND B-2

Circuit Schematic

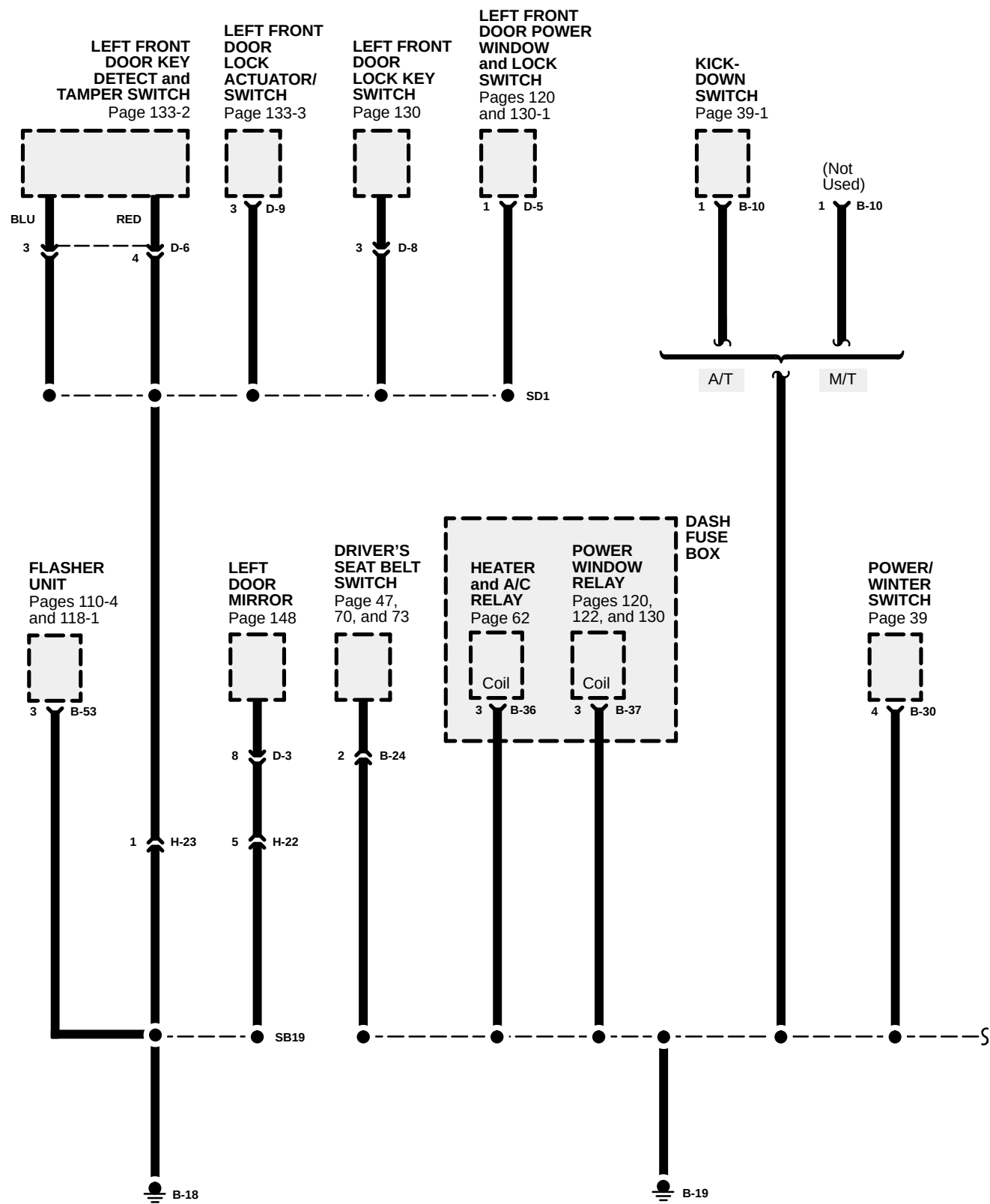
NOTE: Wires shown without color codes are black.



GROUND DISTRIBUTION: B-18 AND B-19

Circuit Schematic

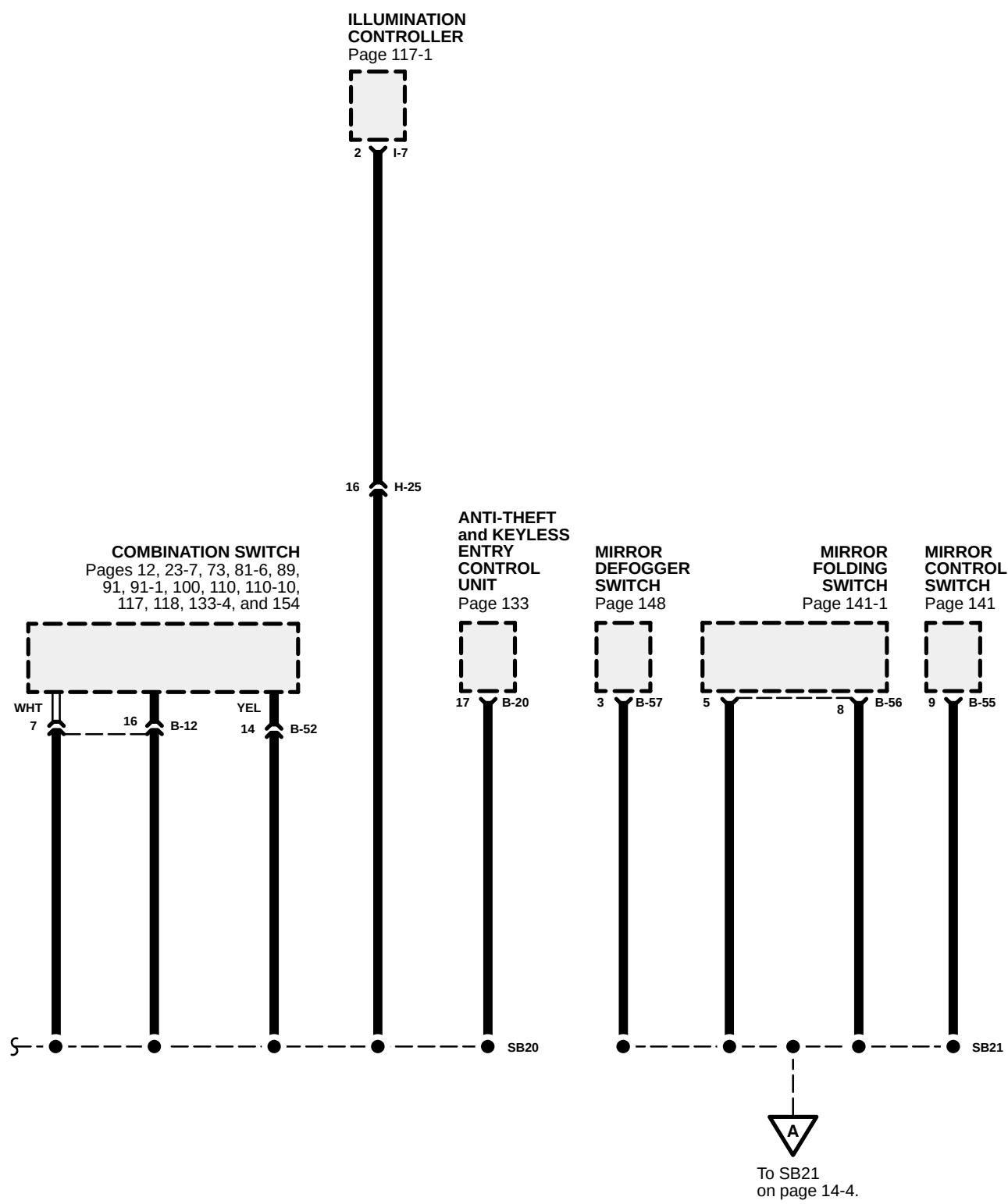
NOTE: Wires shown without color codes are black.



GROUND DISTRIBUTION: B-18 AND B-19

Circuit Schematic

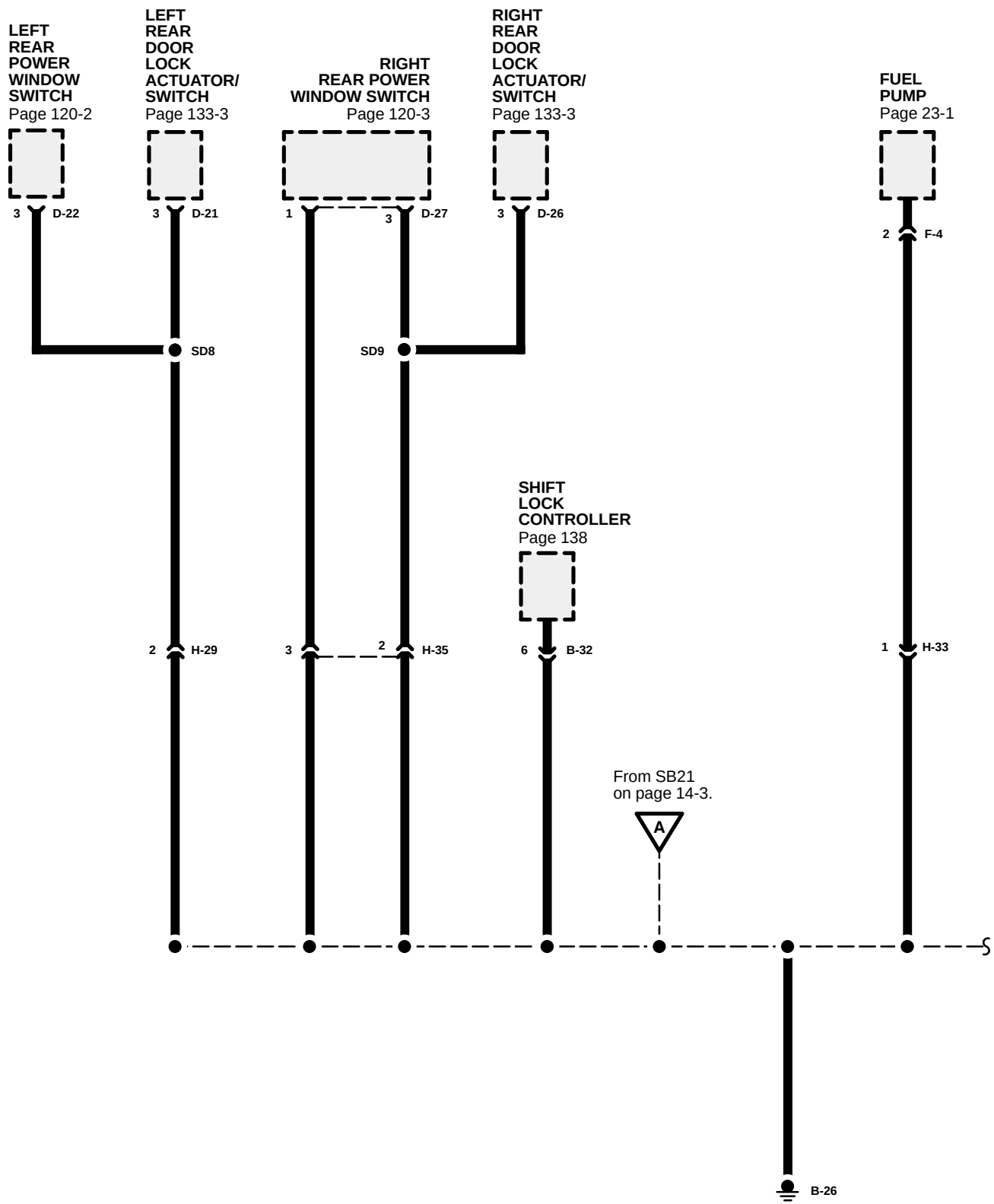
NOTE: Wires shown without color codes are black.



GROUND DISTRIBUTION: B-26

Circuit Schematic

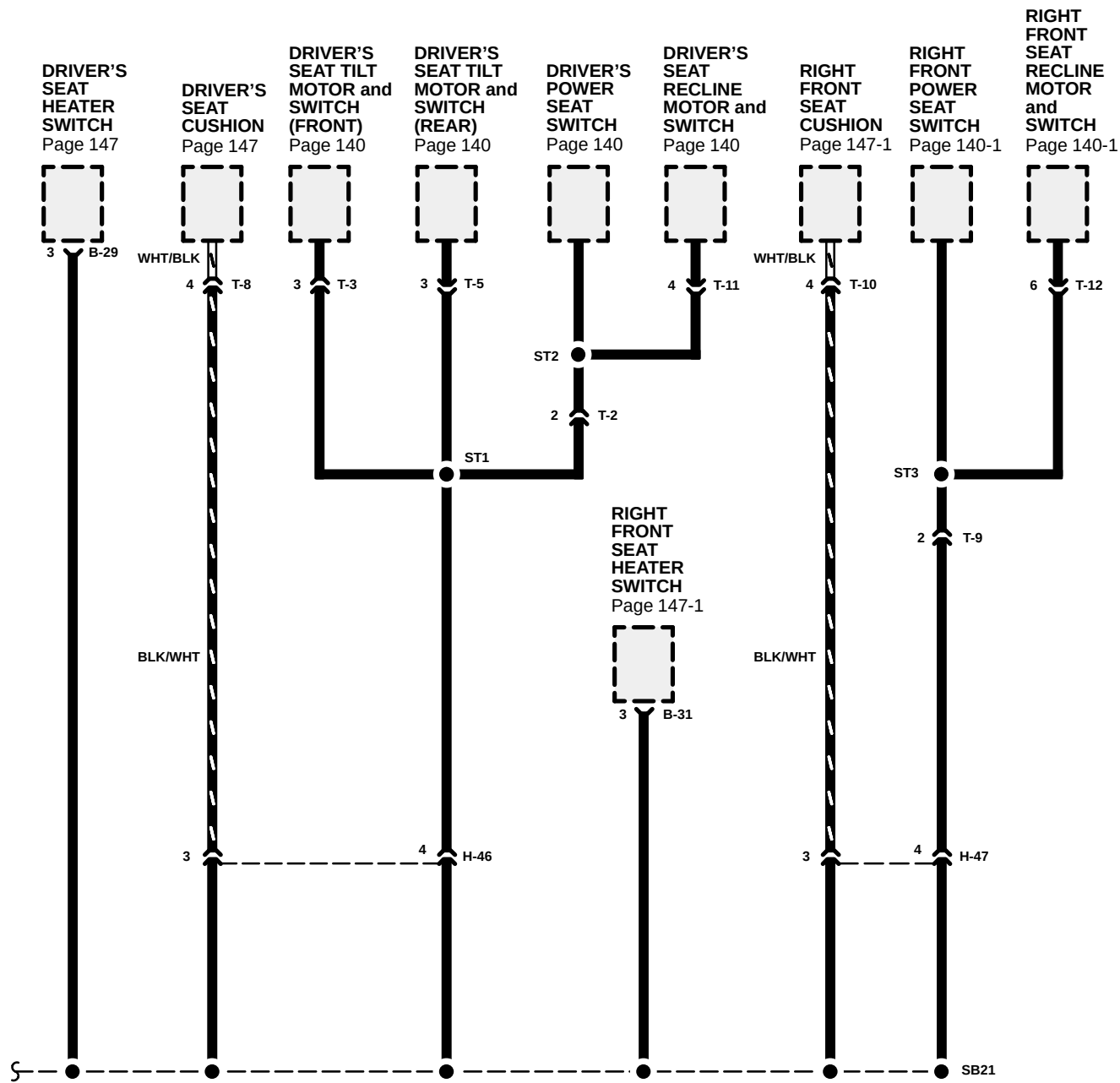
NOTE: Wires shown without color codes are black.



GROUND DISTRIBUTION: B-26

Circuit Schematic

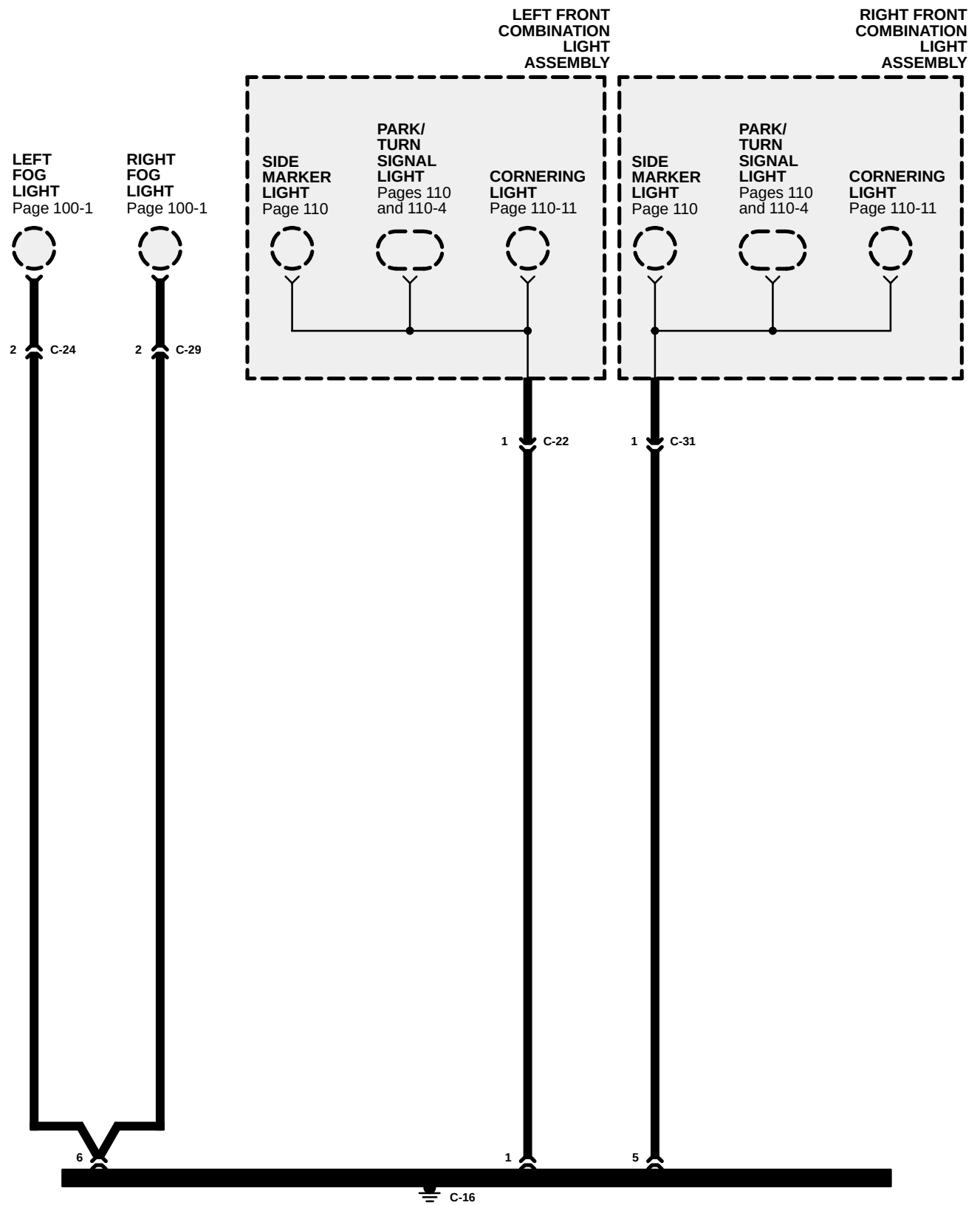
NOTE: Wires shown without color codes are black.



GROUND DISTRIBUTION: C-16

Circuit Schematic

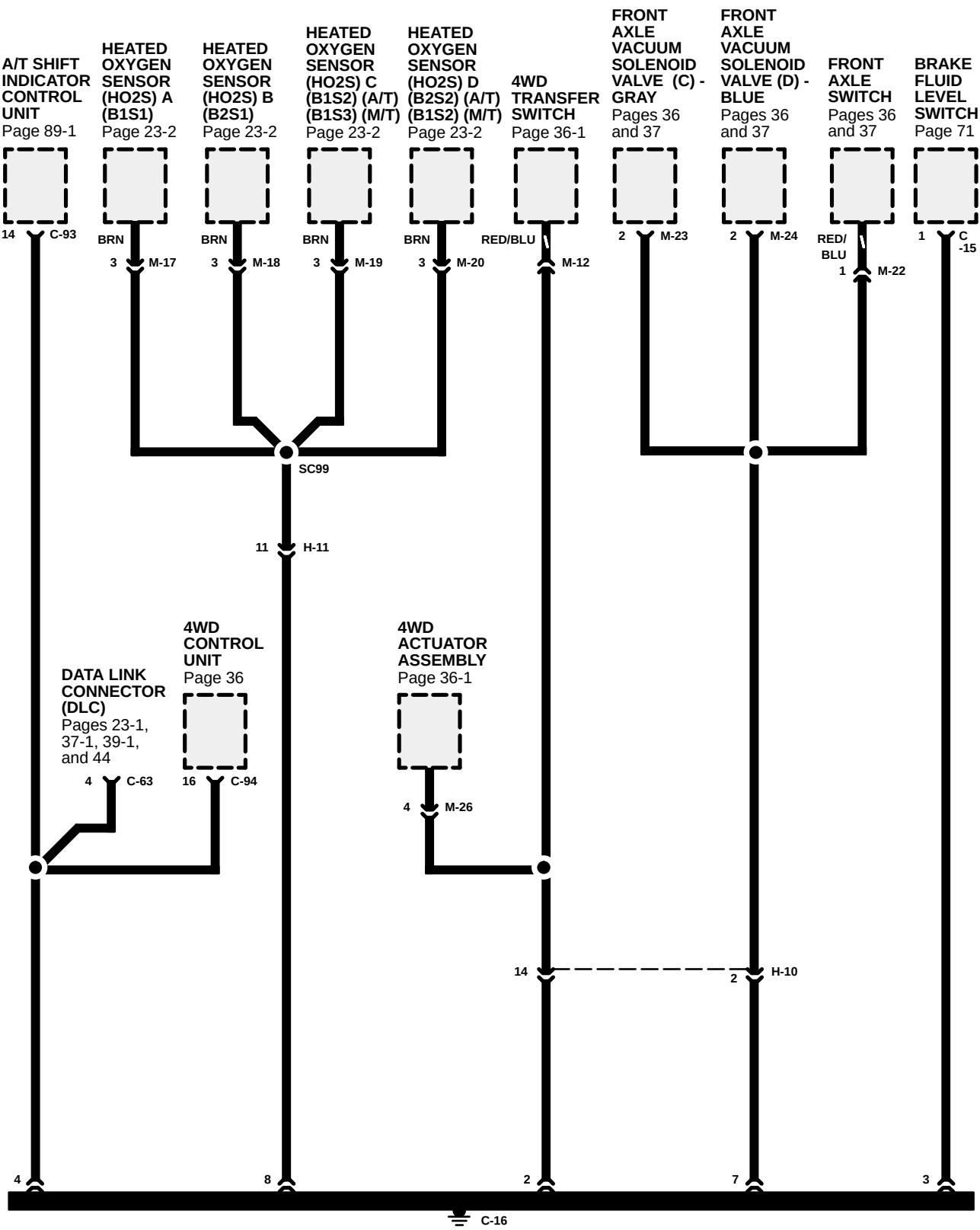
NOTE: Wires shown without color codes are black.



GROUND DISTRIBUTION: C-16

Circuit Schematic

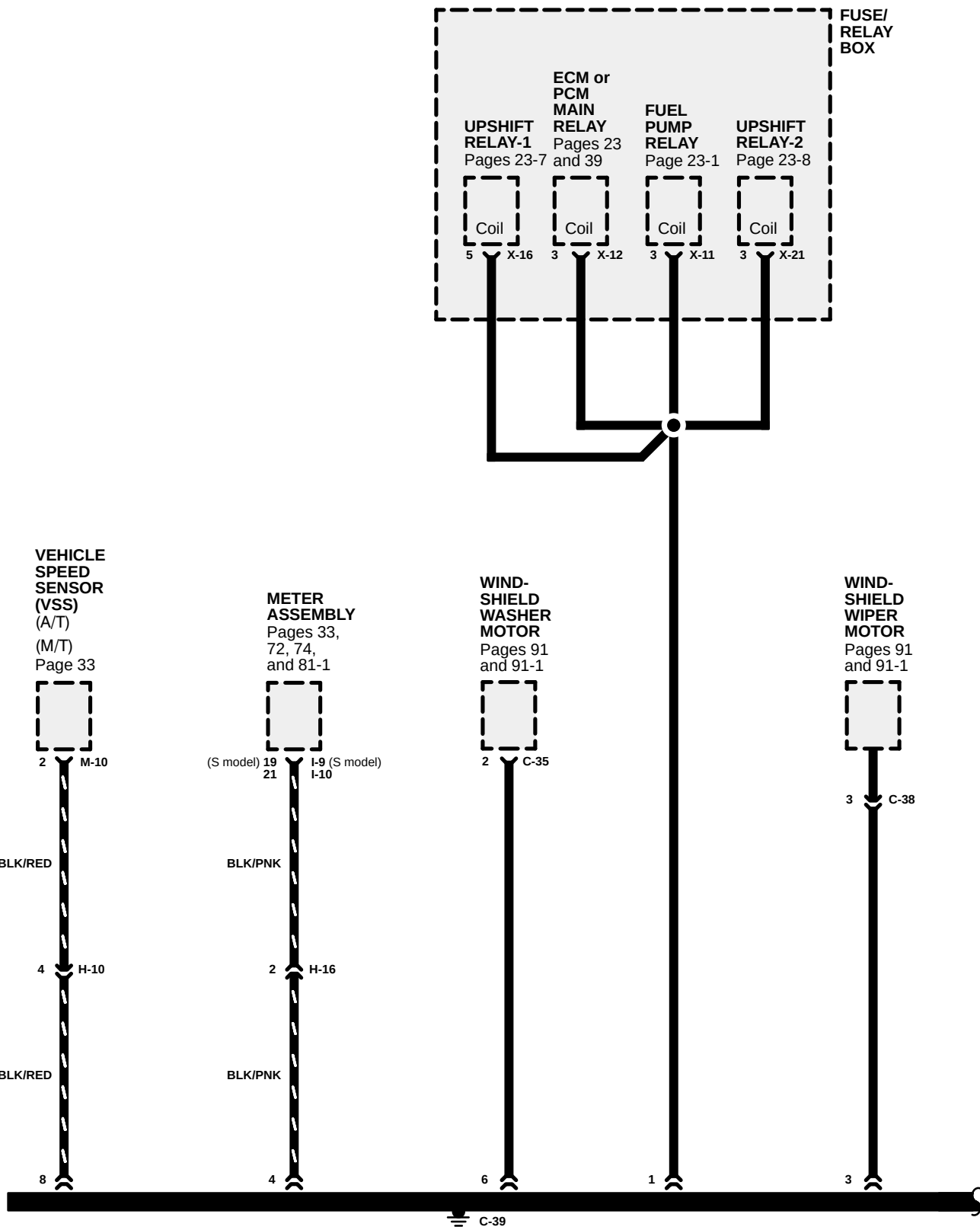
NOTE: Wires shown without color codes are black.



GROUND DISTRIBUTION: C-39 AND C-85

Circuit Schematic

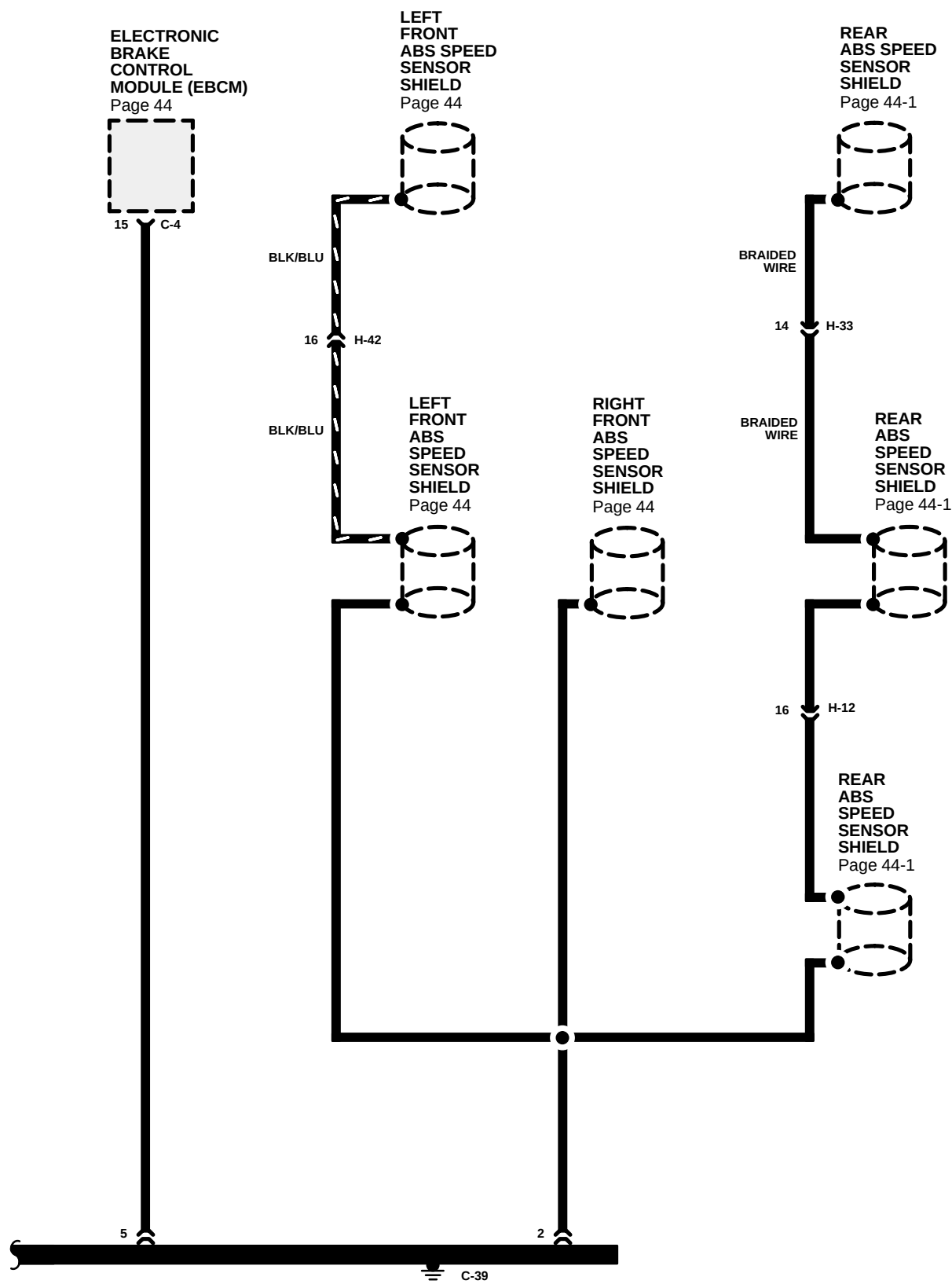
NOTE: Wires shown without color codes are black.



GROUND DISTRIBUTION: C-39 AND C-85

Circuit Schematic

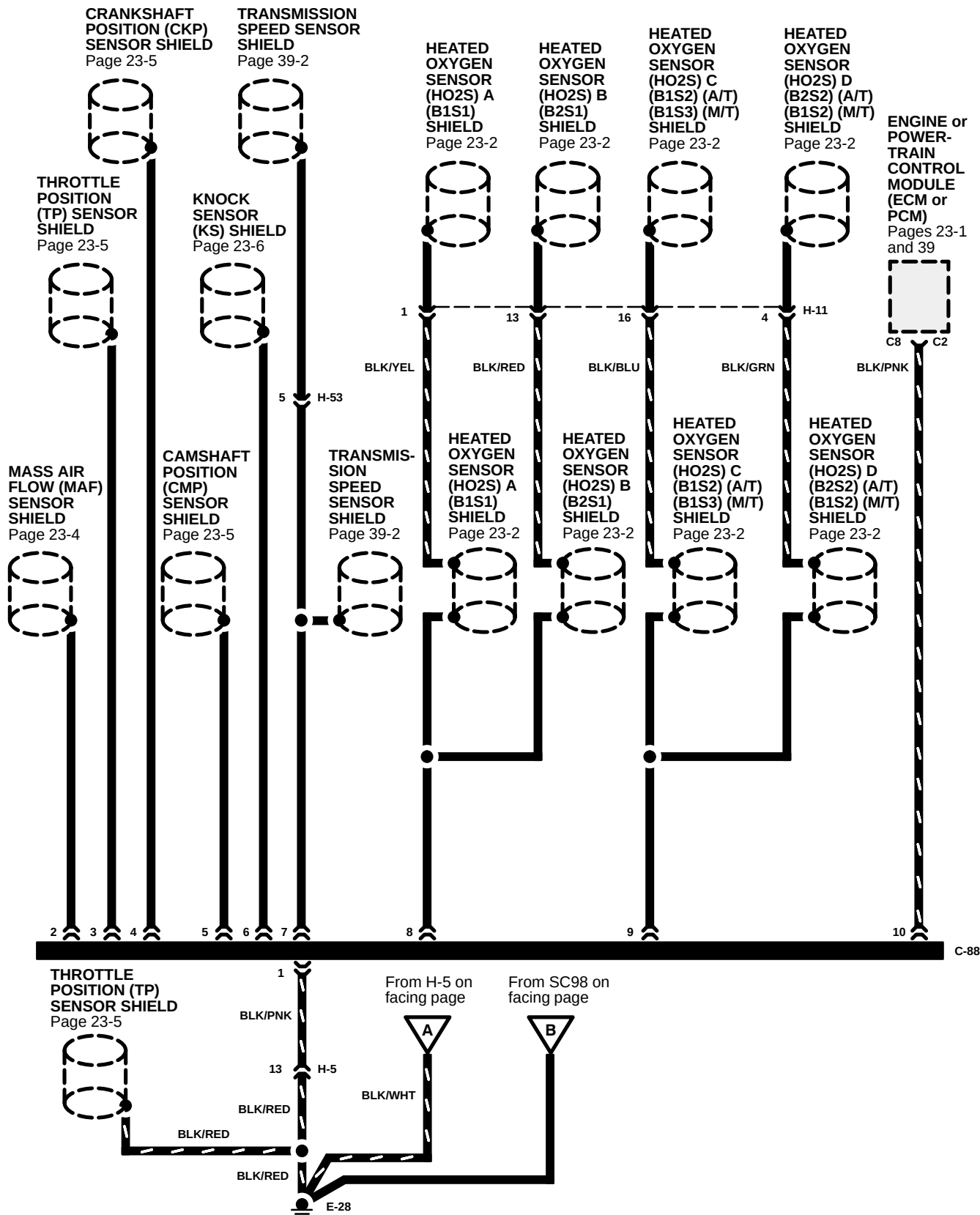
NOTE: Wires shown without color codes are black.



GROUND DISTRIBUTION: E-28, E-30

Circuit Schematic

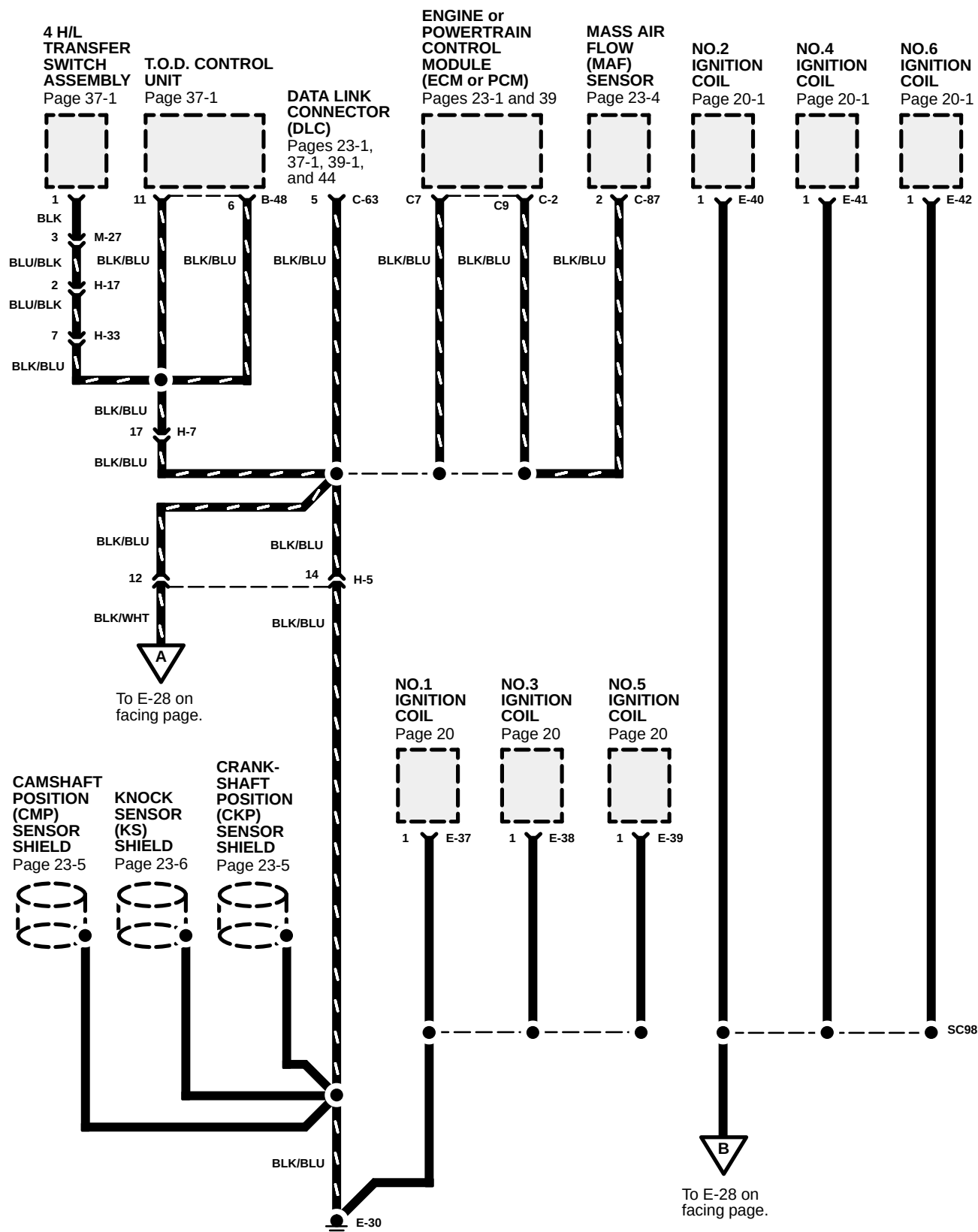
NOTE: Wires shown without color codes are black.



GROUND DISTRIBUTION: E-28, E-30

Circuit Schematic

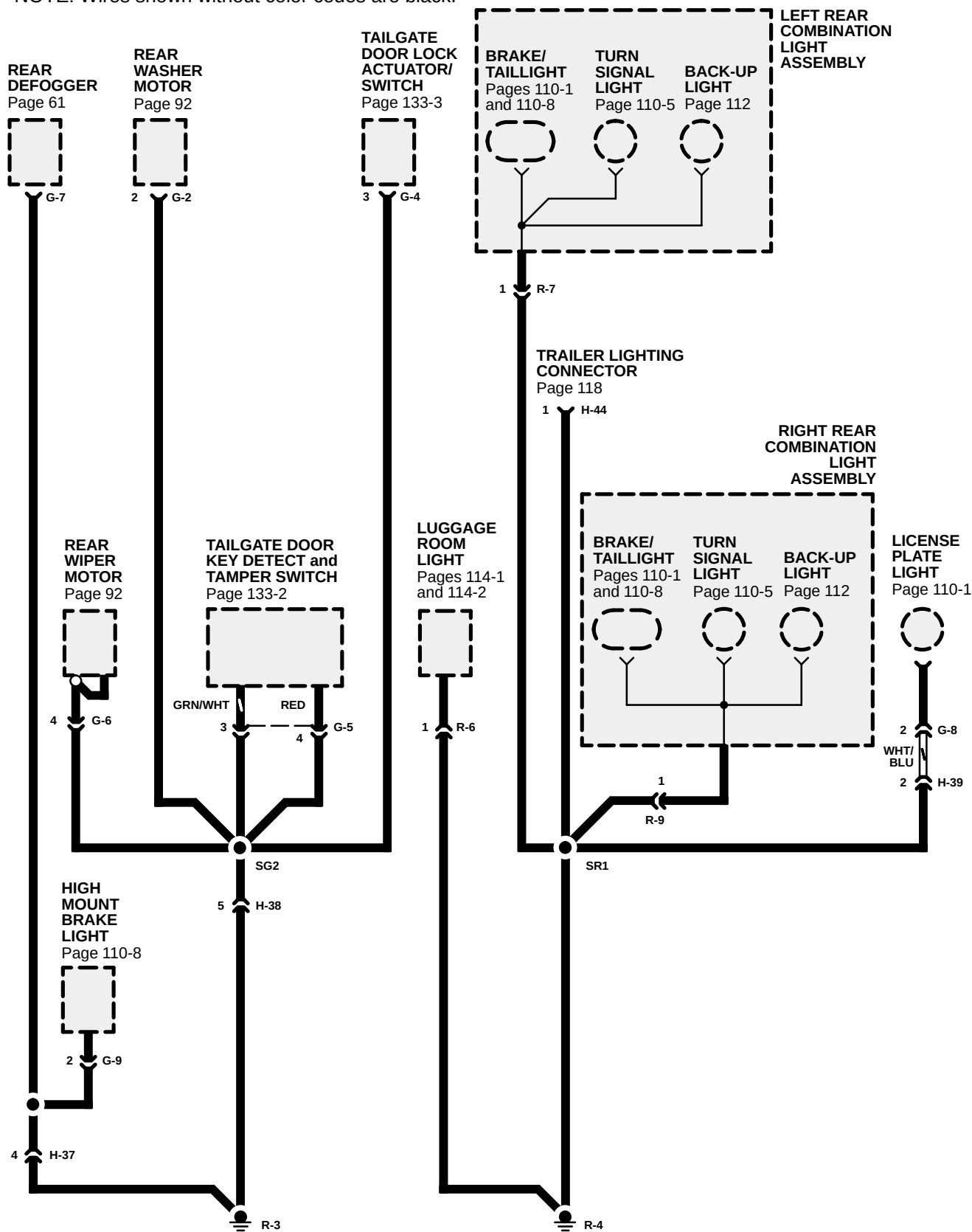
NOTE: Wires shown without color codes are black.



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.)

<u>Component</u>	<u>Photo No.</u>
4H/L Transfer Switch	
Assembly	On bottom of transfer case 127
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
Camshaft Position (CMP)	
Sensor	Left rear of engine 14
Cruise Control Unit	Behind right kick panel 123
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 63
Flasher Unit	On top of dash fuse box 68
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
Heated Oxygen Sensor	
(HO2S) A (B1S1)	In right exhaust down pipe 21
Heated Oxygen Sensor	
(HO2S) B (B2S1)	In left exhaust down pipe 25
Heated Oxygen Sensor	
(HO2S) C (B1S2) (A/T)	In rear of right catalytic converter 29
Heated Oxygen Sensor	
(HO2S) C (B1S3) (M/T)	Rear of catalytic converter 121
Heated Oxygen Sensor	
(HO2S) D (B1S2) (M/T)	Forward of catalytic converter 6

GROUND DISTRIBUTION

Component Location Index

(Refer to Section 201 for photographs.)

Component (cont'd)	Photo No.
Heated Oxygen Sensor	
(HO2S) D (B2S2) (A/T)	In rear of left catalytic converter 30
Heater and A/C Relay	In dash fuse box 56
Kickdown Switch	Below I/P, on accelerator pedal bracket 59
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
Limit Switch	Right rear underside of roof
Mass Air Flow (MAF) Sensor	Left front corner of engine compartment 13
No. 1 Ignition Coil	Right side of engine 11
No. 2 Ignition Coil	Left side of engine 12
No. 3 Ignition Coil	Right side of engine 11
No. 4 Ignition Coil	Left side of engine 12
No. 5 Ignition Coil	Right side of engine 11
No. 6 Ignition Coil	Left side of engine 12
Power Steering Pressure	
(PSP) Switch	Lower left front of engine compartment
Power Window Relay	In dash fuse box 56
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
Safety Stop Switch	Rear underside of roof 88
Shift Lock Controller	Below front console 65
Sunroof Control Unit	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
T.O.D. Control Unit	Below right front seat 125
Trailer Lighting Connector	
H-44 (6-WHT)	Below left rear corner of vehicle, behind grommet 102
Upshift Relay-1	In fuse/relay box 34
Upshift Relay-2	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	Photo No.
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
C-88 (20-BLU) Junction Connector	Behind lower cluster assembly, taped to ECM or PCM breakout 63
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-5 (16-GRN)	Left side of engine compartment 33
H-7 (20-BRN/WHT)	Below I/P, above left dash side trim panel, on bracket 69
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-17 (9-WHT)	Beneath right front seat 50
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-BLK)	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
I-9 (30-GRN)	On left top of meter assembly 53

GROUND DISTRIBUTION

Component Location Index

(Refer to Section 201 for photographs.)

Connector (cont'd)		Photo No.
I-10 (22-GRN)	On right top of meter assembly	53
I-18 (6-WHT)	On rear of heater-A/C control panel	64
I-19 (2-WHT)	Behind cigarette lighter	60
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-17 (4-BLK)	Near heated oxygen sensor (HO2S) A (B1S1)	
M-18 (4-BLK)	Near heated oxygen sensor (HO2S) B (B2S1)	25
M-19 (4-BLK) (A/T)	Near heated oxygen sensor (HO2S) C (B1S2)	29
M-19 (4-BLK) (M/T)	Near Heated Oxygen Sensor (HO2S) C (B1S3)	121
M-20 (4-BLK) (A/T)	Near heated oxygen sensor (HO2S) D (B2S2)	30
M-20 (4-BLK) (M/T)	Near heated oxygen sensor (HO2S) D (B1S2)	30
M-22 (2-BRN)	Center of front axle	17
M-26 (6-GRY)	On rear of transmission	119
M-27 (12-BLK)	On top of transfer case	128
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
S-2 (3-WHT)	Center of roof	88
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-30	Top right rear of engine	16
P-6	Right side of engine compartment, on rear of battery tray	40
P-7	Lower right front of engine compartment	5
P-10	Lower right side of engine, near power steering pump	
R-3	Left side of luggage room	90
R-4	Left side of luggage room	90