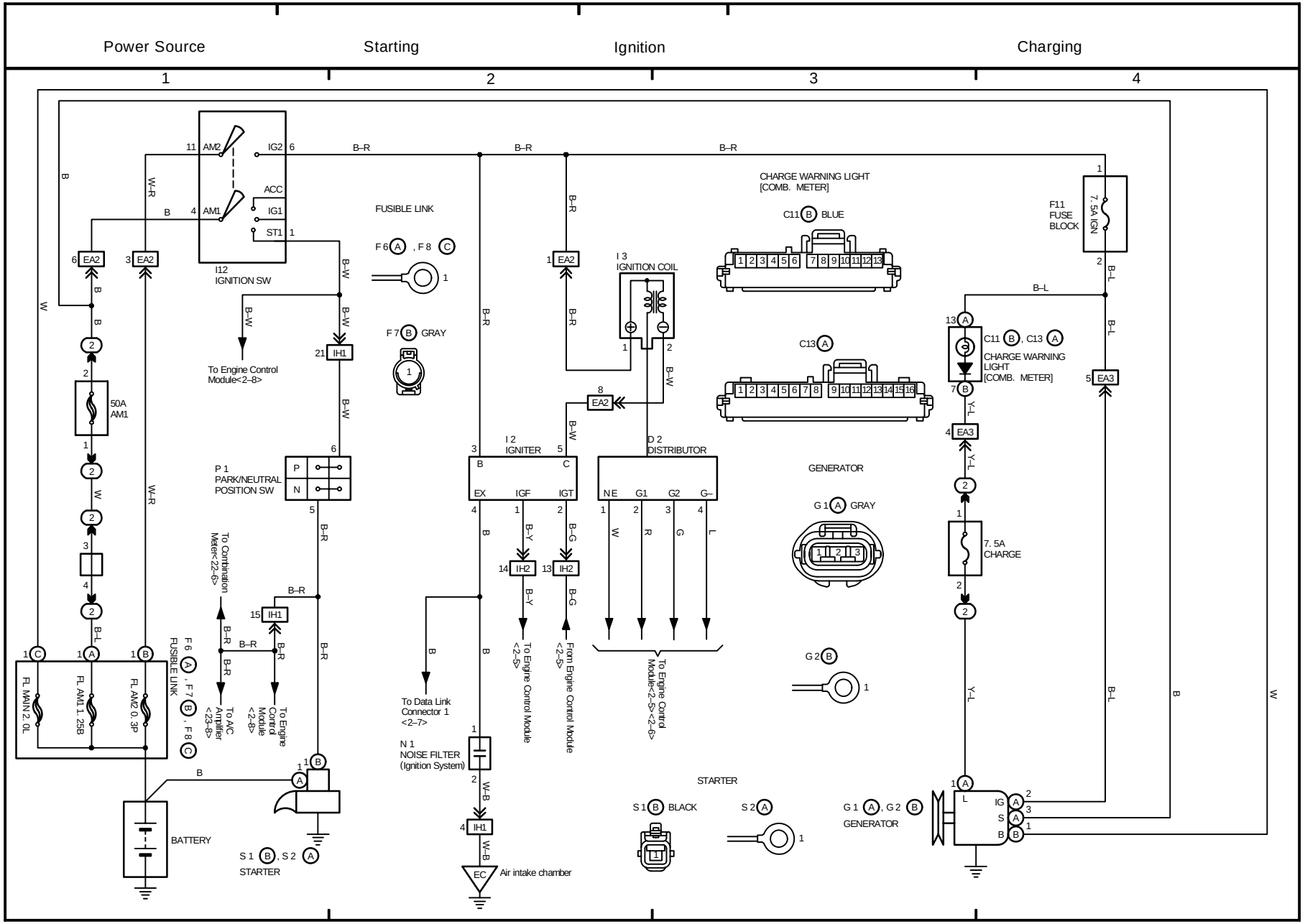
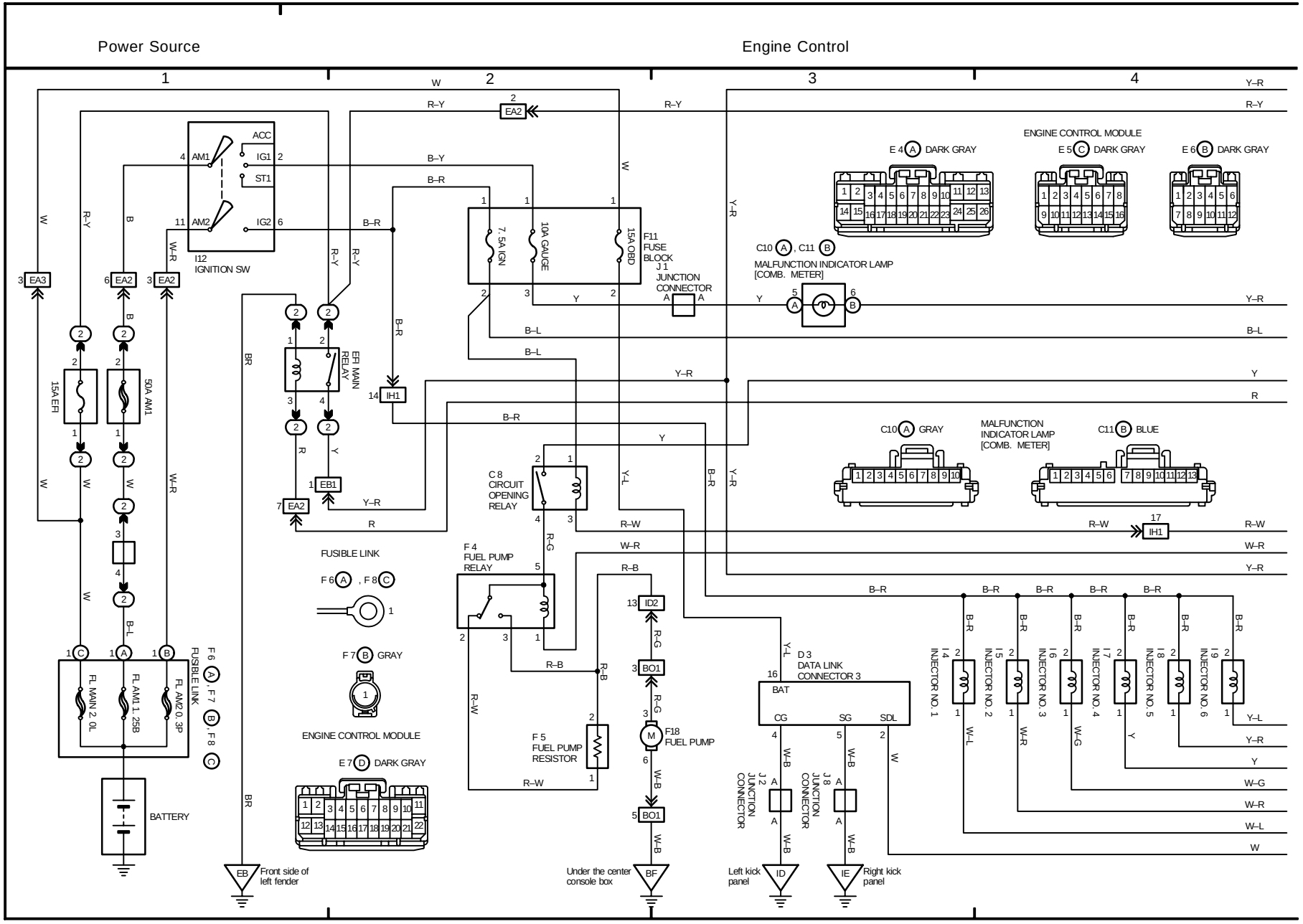
1 LAND CRUISER STATION WAGON ELECTRICAL WIRING DIAGRAM

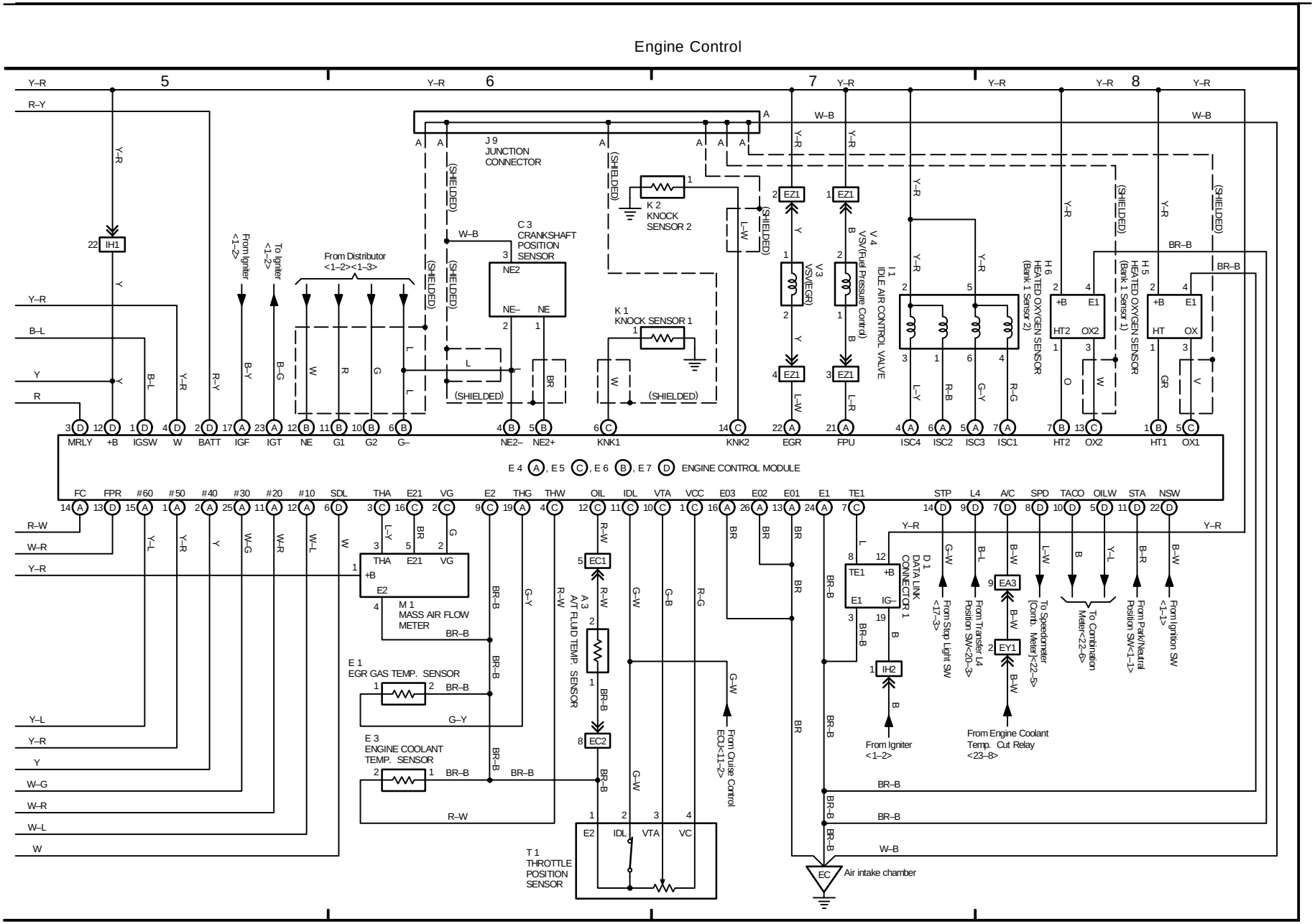


2 LAND CRUISER STATION WAGON

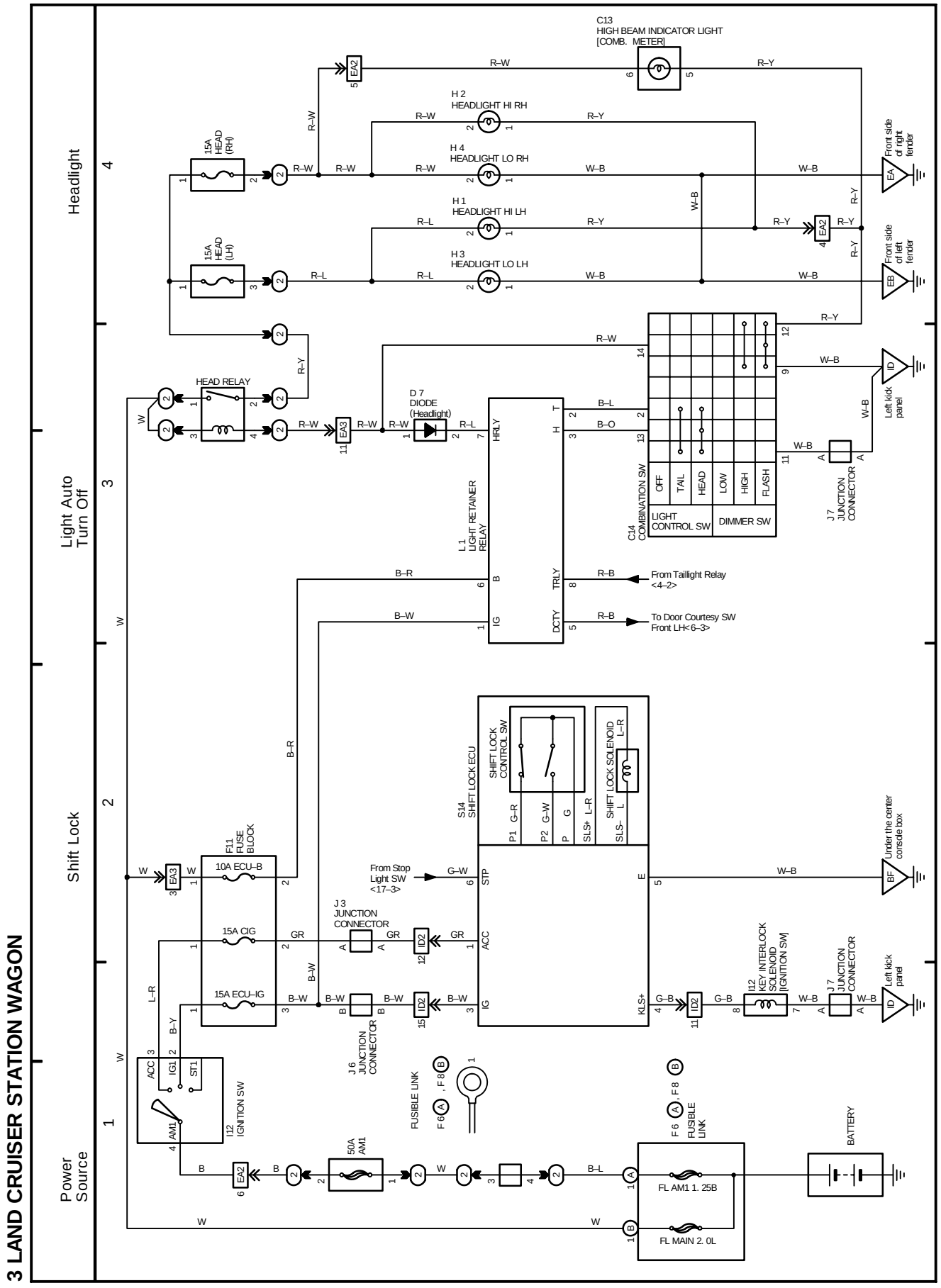
(Cont. next page)

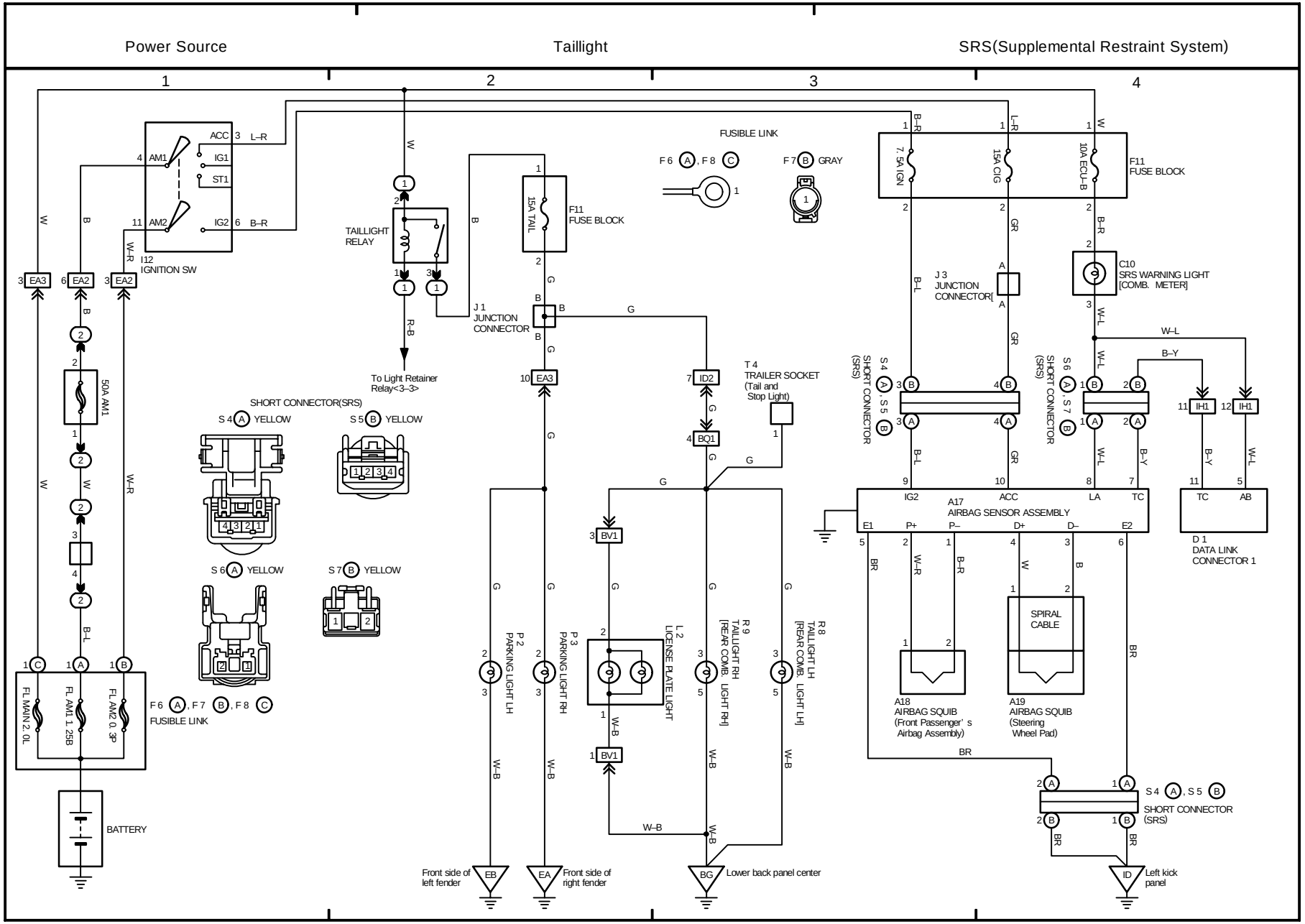


2 LAND CRUISER STATION WAGON(Cont' d)

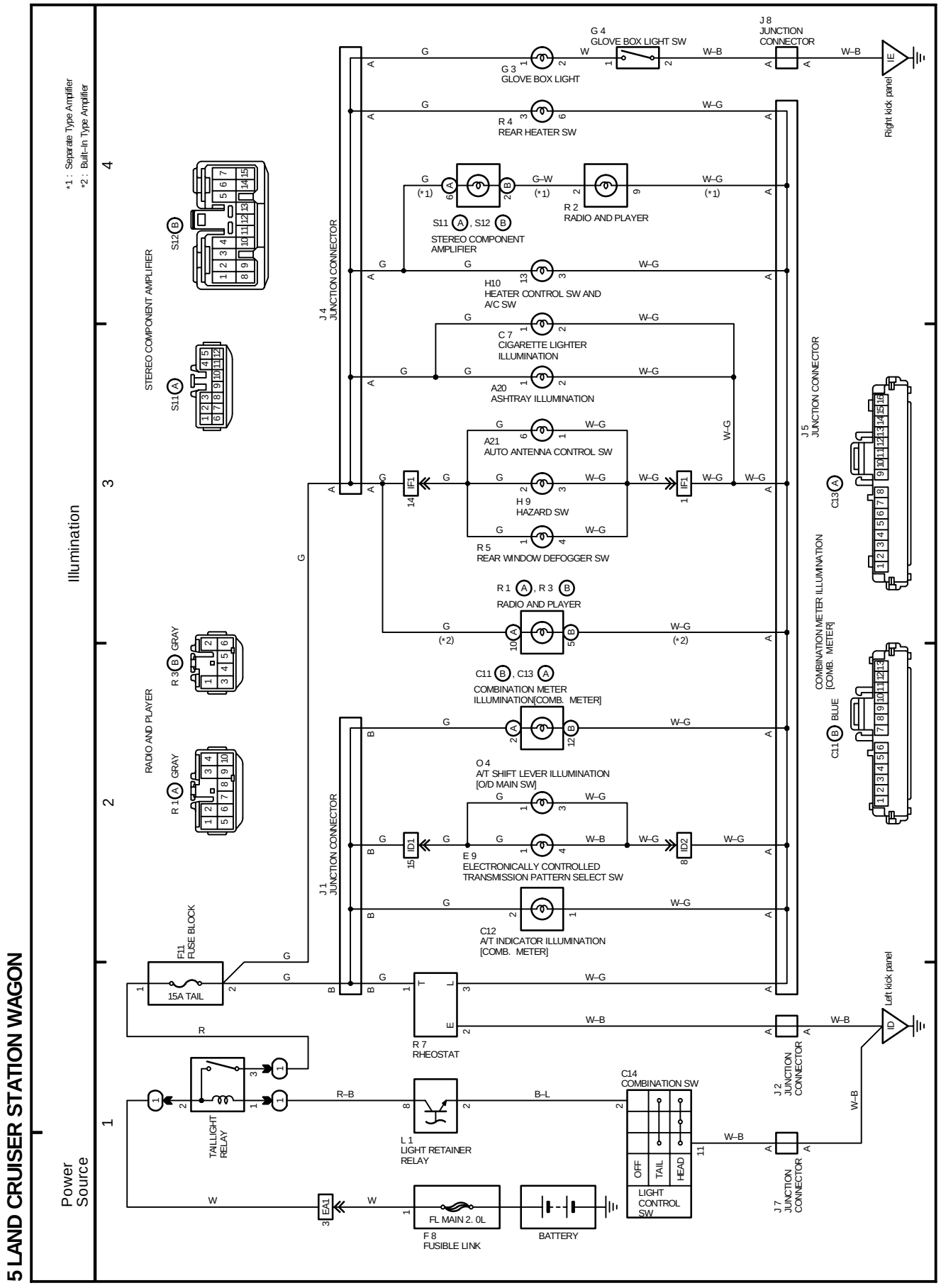


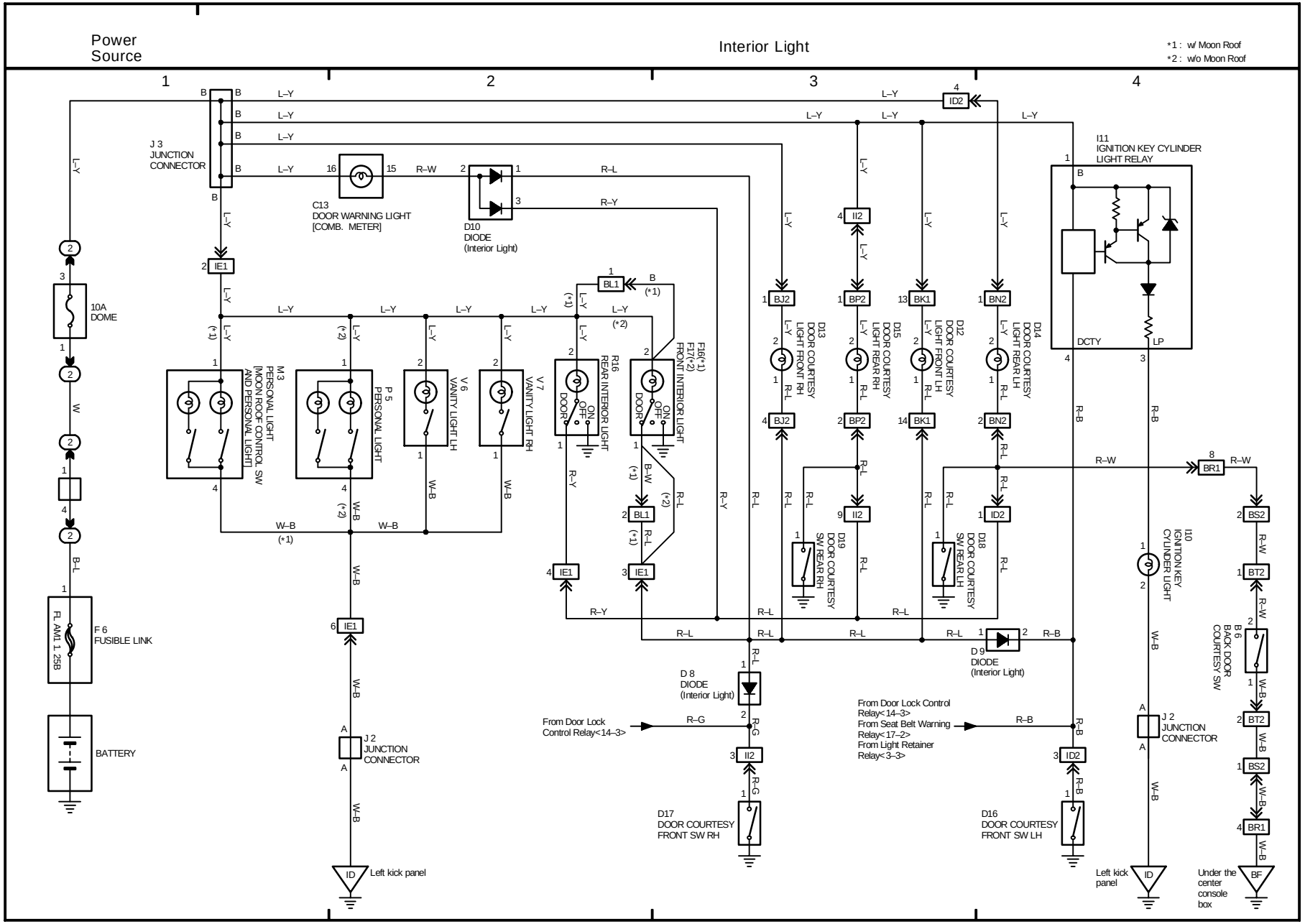
OVERALL ELECTRICAL WIRING DIAGRAM



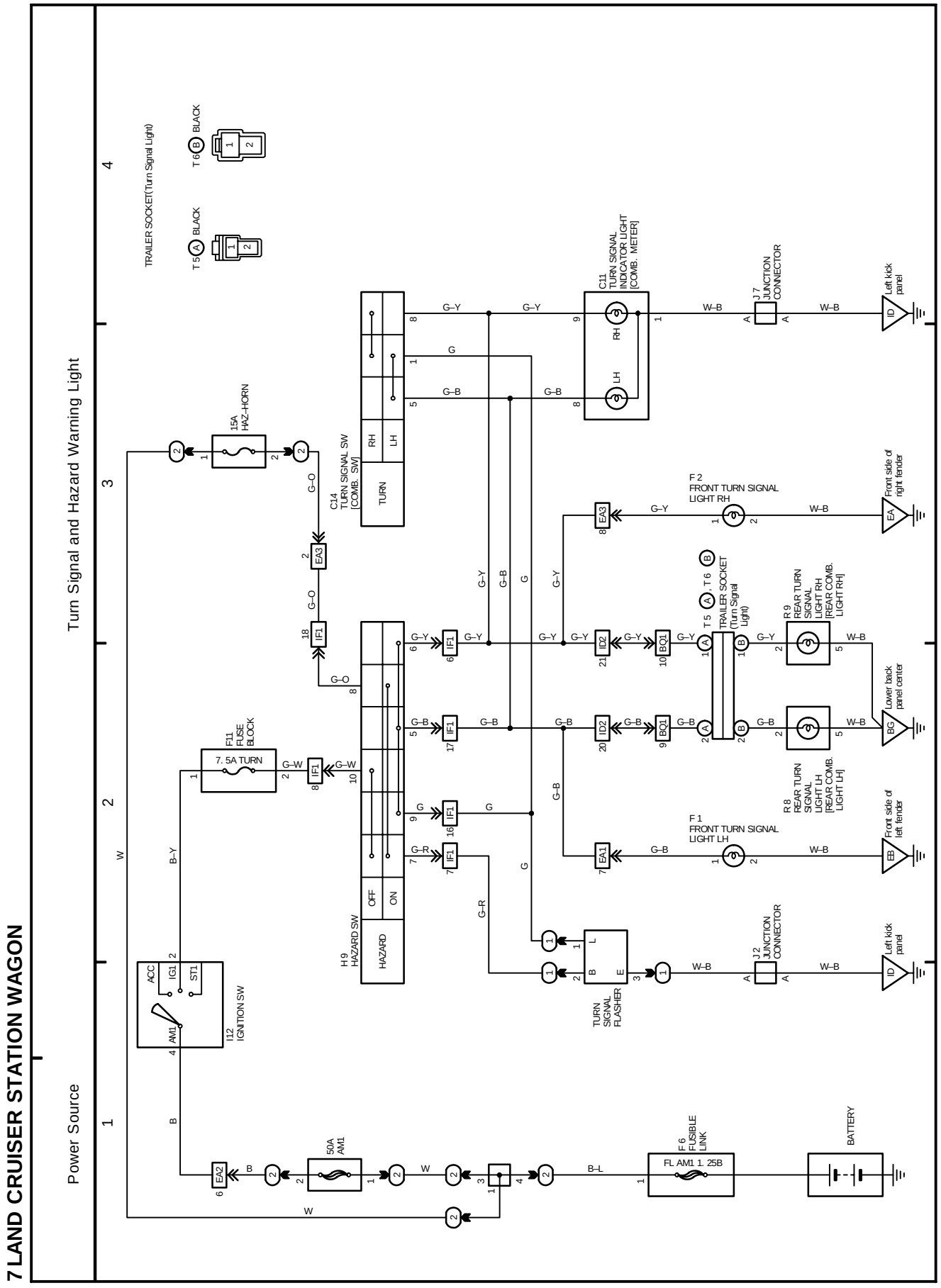

Power Source
Taillight
SRS(Supplemental Restraint System)
1
2
3
4
ACC
IG1
ST1
IG2
AM1
AM2
L–R
B–R
I12
IGNITION SW
TAILLIGHT RELAY
To Light Retainer Relay<3–3>
15A TAIL
F11
FUSE BLOCK
FUSIBLE LINK
F6 A , F8 C
F7 B GRAY
7. 5A IGN
15A CIG
10A ECU–B
C10
SRS WARNING LIGHT [COMB. METER]
J 3
JUNCTION CONNECTOR[
J 1
JUNCTION CONNECTOR
T 4
TRAILER SOCKET (Tail and Stop Light)
SHORT CONNECTOR(SRS)
S 4 A YELLOW
S 5 B YELLOW
S 6 A YELLOW
S 7 B YELLOW
S4 , S5
S6 , S7
SHORT CONNECTOR (SRS)
50A AM1
EA3
EA2
ID2
BQ1
BV1
IH1
A17
AIRBAG SENSOR ASSEMBLY
IG2
ACC
LA
TC
E1
P+
P–
D+
D–
E2
AB
D 1
DATA LINK CONNECTOR 1
A18
AIRBAG SQUIB (Front Passenger' s Airbag Assembly)
A19
AIRBAG SQUIB (Steering Wheel Pad)
SPIRAL CABLE
S4 A , S5 B
SHORT CONNECTOR (SRS)
P 2
PARKING LIGHT LH
P 3
PARKING LIGHT RH
L 2
LICENSE PLATE LIGHT
R 9
TAILLIGHT RH [REAR COMB. LIGHT RH]
R 8
TAILLIGHT LH [REAR COMB. LIGHT LH]
FL MAIN 2. 0L
FL AM1 1. 25B
FL AM2 0. 3P
F6 A , F7 B , F8 C
FUSIBLE LINK
BATTERY
Front side of left fender
EB
EA
Front side of right fender
BG
Lower back panel center
ID
Left kick panel

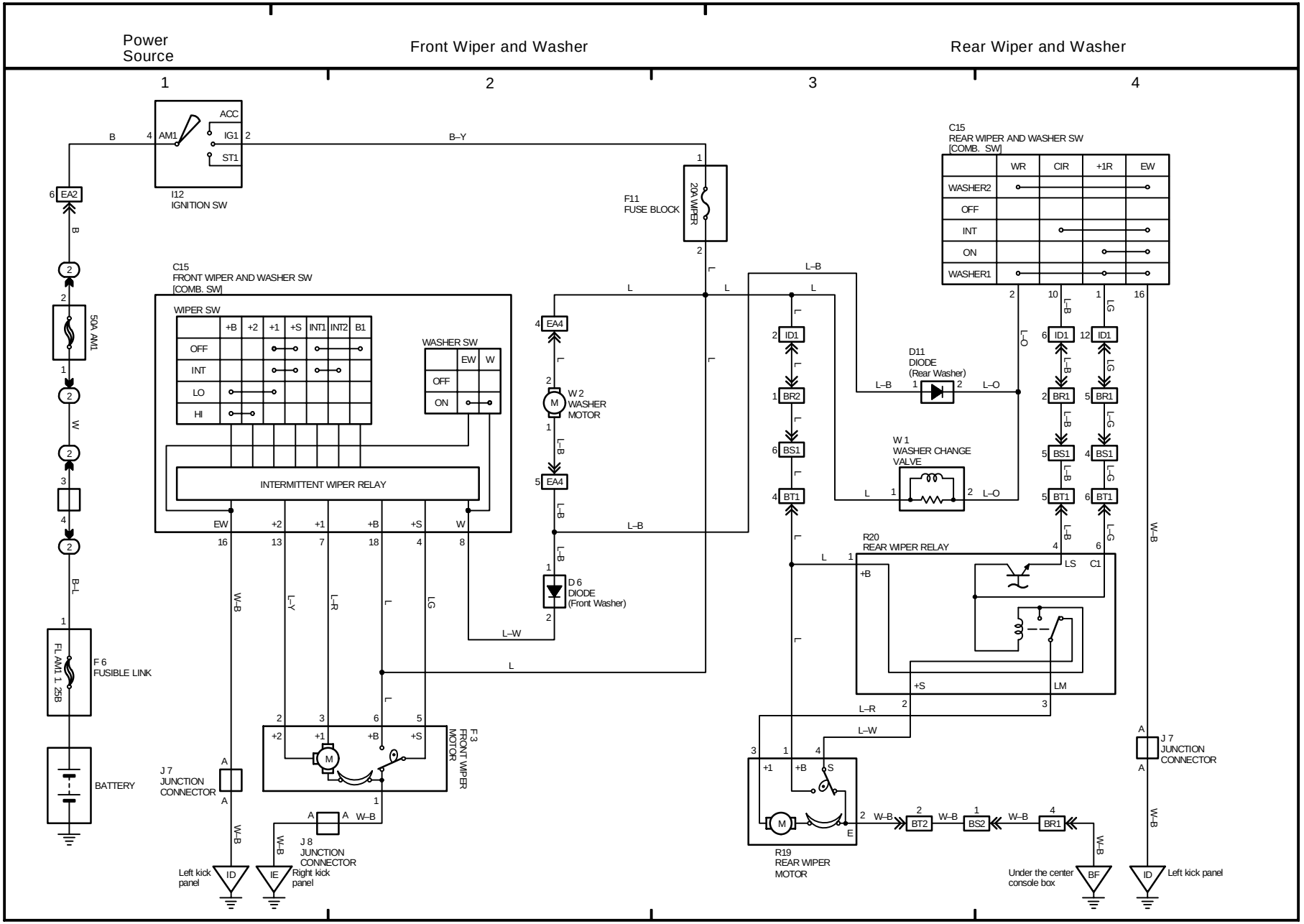
OVERALL ELECTRICAL WIRING DIAGRAM




Power Source
Interior Light
*1 : w/ Moon Roof
*2 : w/o Moon Roof
1
2
3
4
J 3 JUNCTION CONNECTOR
C13 DOOR WARNING LIGHT [COMB. METER]
D10 DIODE (Interior Light)
10A DOME
M 3 PERSONAL LIGHT [MOON ROOF CONTROL SW AND PERSONAL LIGHT]
P 5 PERSONAL LIGHT
V 6 VANITY LIGHT LH
V 7 VANITY LIGHT RH
R16 REAR INTERIOR LIGHT
F16(*1) F17(*2) FRONT INTERIOR LIGHT
D13 DOOR COURTESY LIGHT FRONT RH
D15 DOOR COURTESY LIGHT REAR RH
D12 DOOR COURTESY LIGHT FRONT LH
D14 DOOR COURTESY LIGHT REAR LH
I11 IGNITION KEY CYLINDER LIGHT RELAY
DCTY
LP
I10 IGNITION KEY CYLINDER LIGHT
D19 DOOR COURTESY SW REAR RH
D18 DOOR COURTESY SW REAR LH
D 9 DIODE (Interior Light)
D 8 DIODE (Interior Light)
F 6 FUSIBLE LINK
FL AM1 1.25B
BATTERY
J 2 JUNCTION CONNECTOR
Left kick panel
From Door Lock Control Relay<14–3>
From Door Lock Control Relay<14–3>
From Seat Belt Warning Relay<17–2>
From Light Retainer Relay<3–3>
D17 DOOR COURTESY FRONT SW RH
D16 DOOR COURTESY FRONT SW LH
B 6 BACK DOOR COURTESY SW
Under the center console box

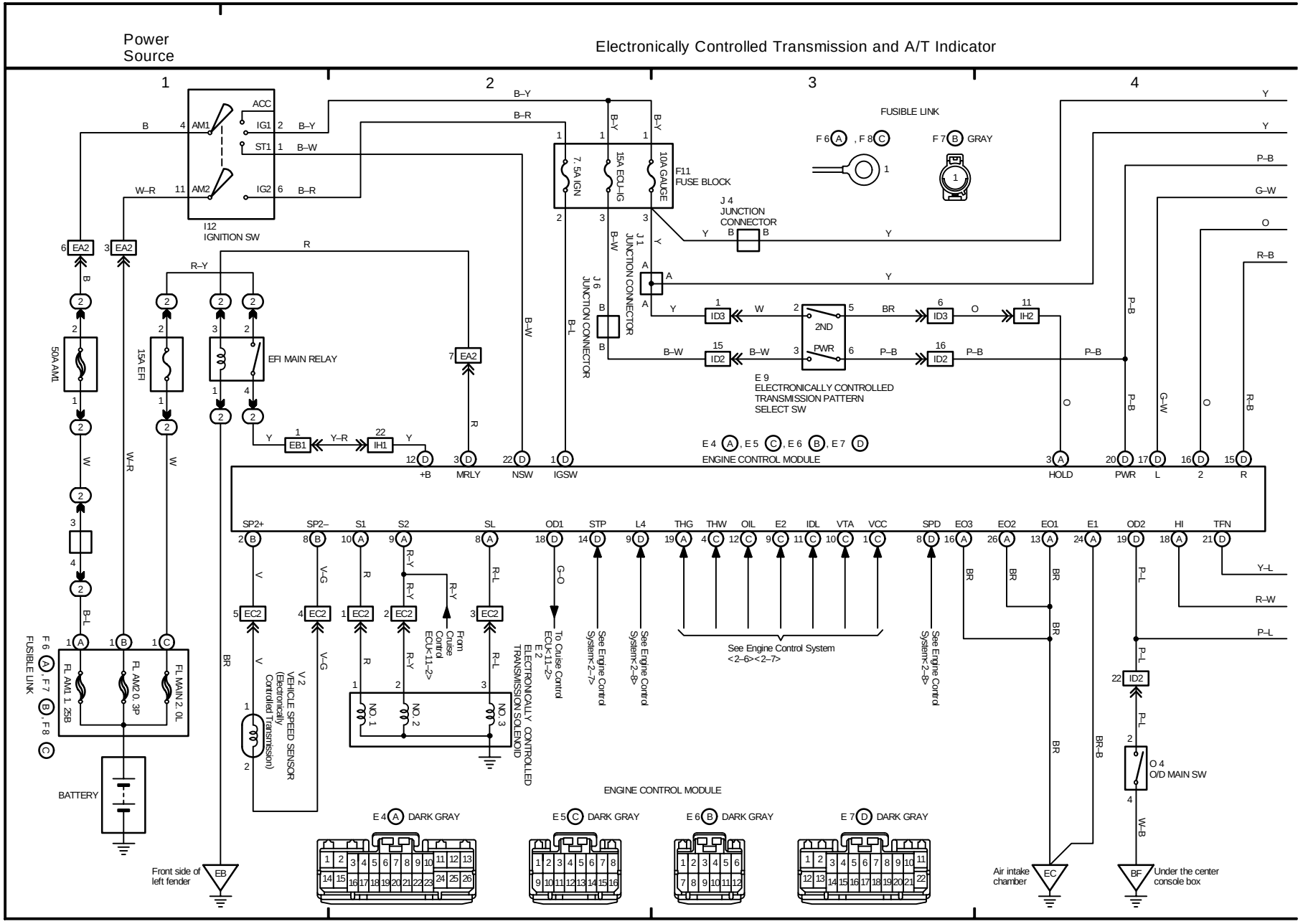
OVERALL ELECTRICAL WIRING DIAGRAM



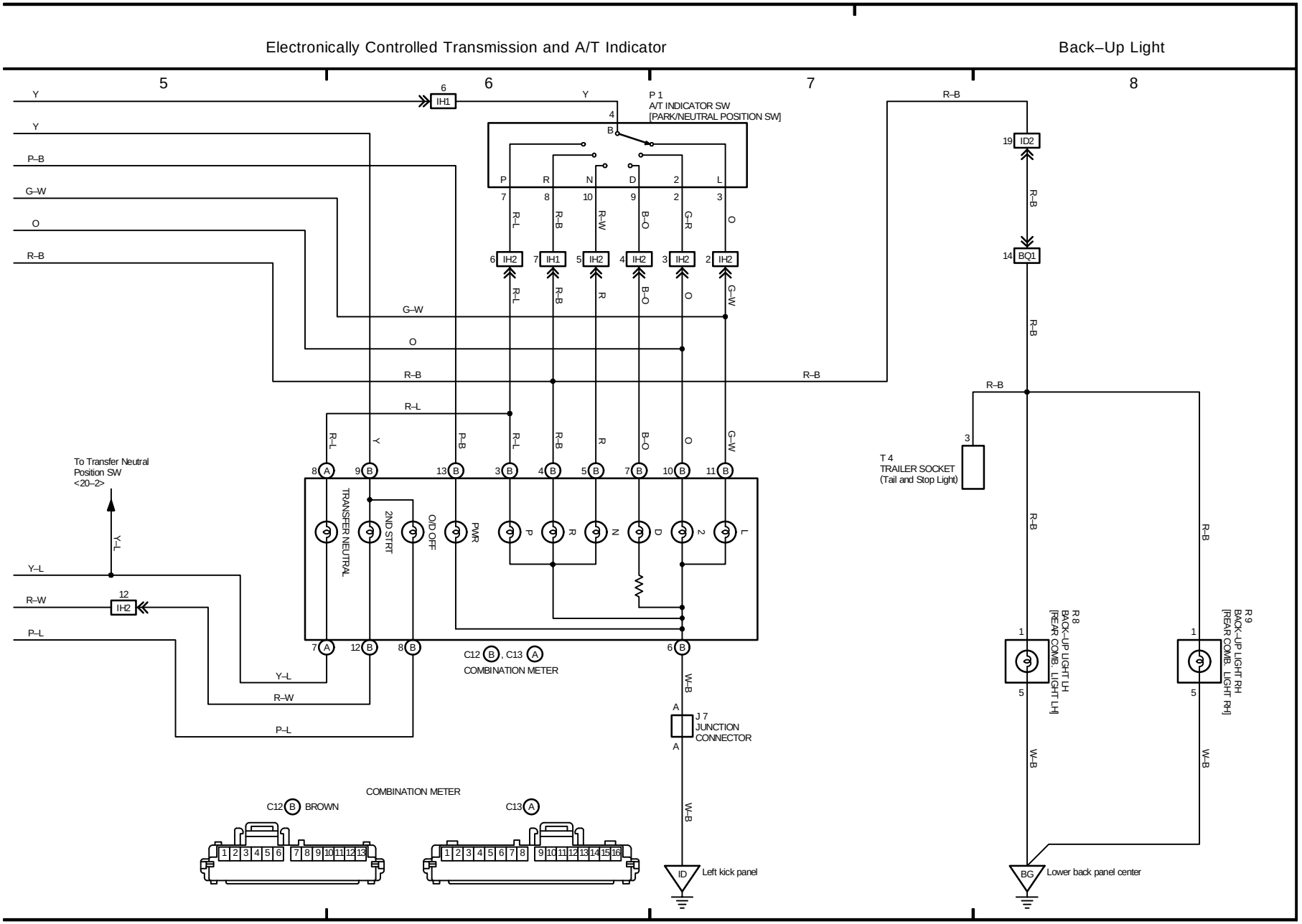

Power Source
Front Wiper and Washer
Rear Wiper and Washer
1
2
3
4
ACC
IG1
ST1
AM1
I12
IGNITION SW
B
B–Y
6 EA2
F11
FUSE BLOCK
20A WIPER
50A AM1
F 6
FUSIBLE LINK
FL AM1 1 25B
BATTERY
C15
FRONT WIPER AND WASHER SW
[COMB. SW]
WIPER SW
+B +2 +1 +S INT1 INT2 B1
OFF
INT
LO
HI
WASHER SW
EW W
OFF
ON
INTERMITTENT WIPER RELAY
EW +2 +1 +B +S W
16 13 7 18 4 8
W–B
L–Y
L–R
L
LG
L–W
L–B
4 EA4
W 2
WASHER MOTOR
D 6
DIODE
(Front Wiper)
F 3
FRONT WIPER MOTOR
+2 +1 +B +S
J 7
JUNCTION CONNECTOR
J 8
JUNCTION CONNECTOR
Left kick panel
ID
IE
Right kick panel
C15
REAR WIPER AND WASHER SW
[COMB. SW]
WR CIR +1R EW
WASHER2
OFF
INT
ON
WASHER1
D11
DIODE
(Rear Washer)
W 1
WASHER CHANGE VALVE
R20
REAR WIPER RELAY
+B LS C1
+S LM
ID1
BR1
BS1
BT1
R19
REAR WIPER MOTOR
+1 +B S
BT2
BS2
BR1
Under the center console box
BF
J 7
JUNCTION CONNECTOR
Left kick panel

9 LAND CRUISER STATION WAGON

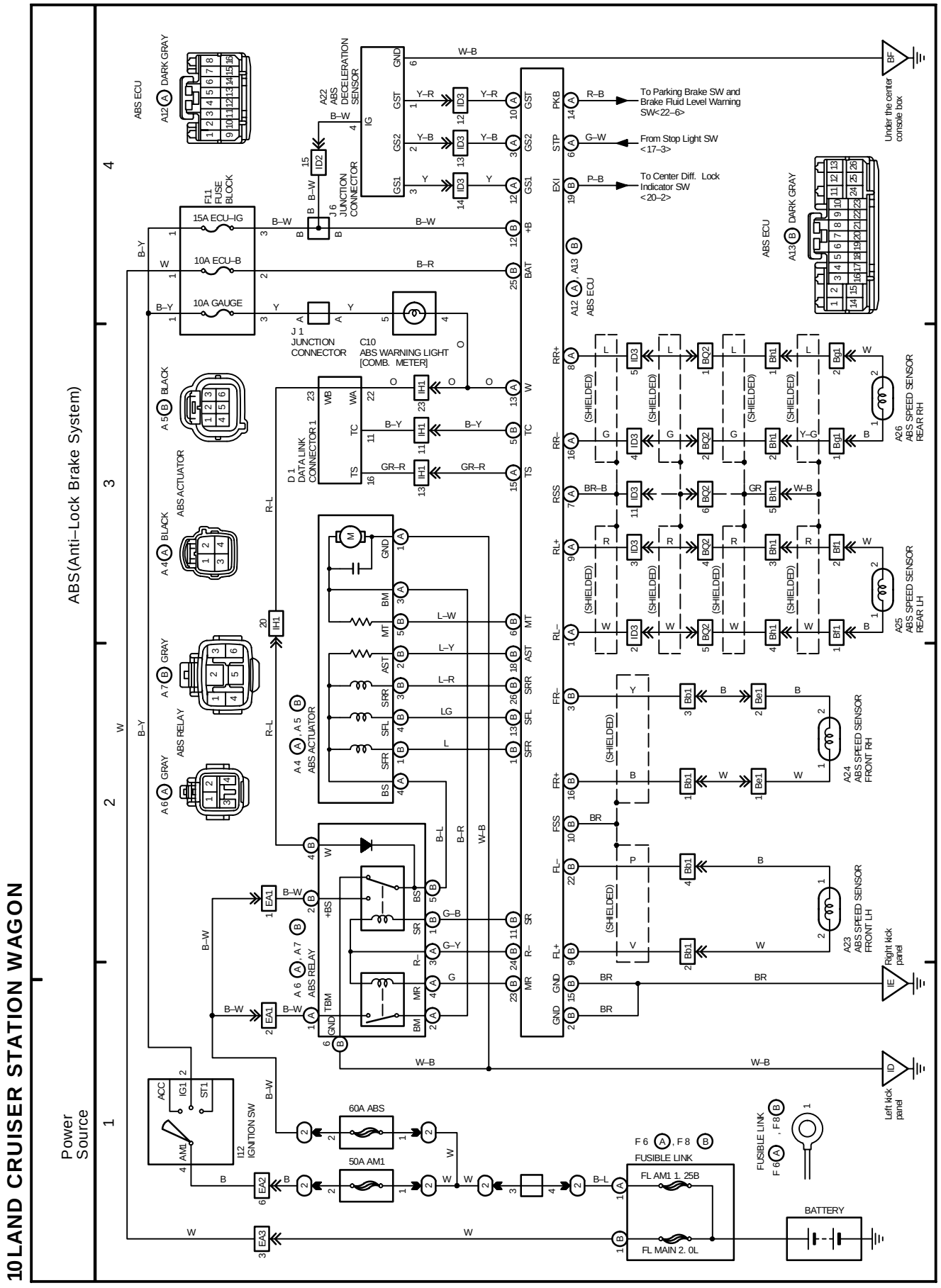
(Cont. next page)

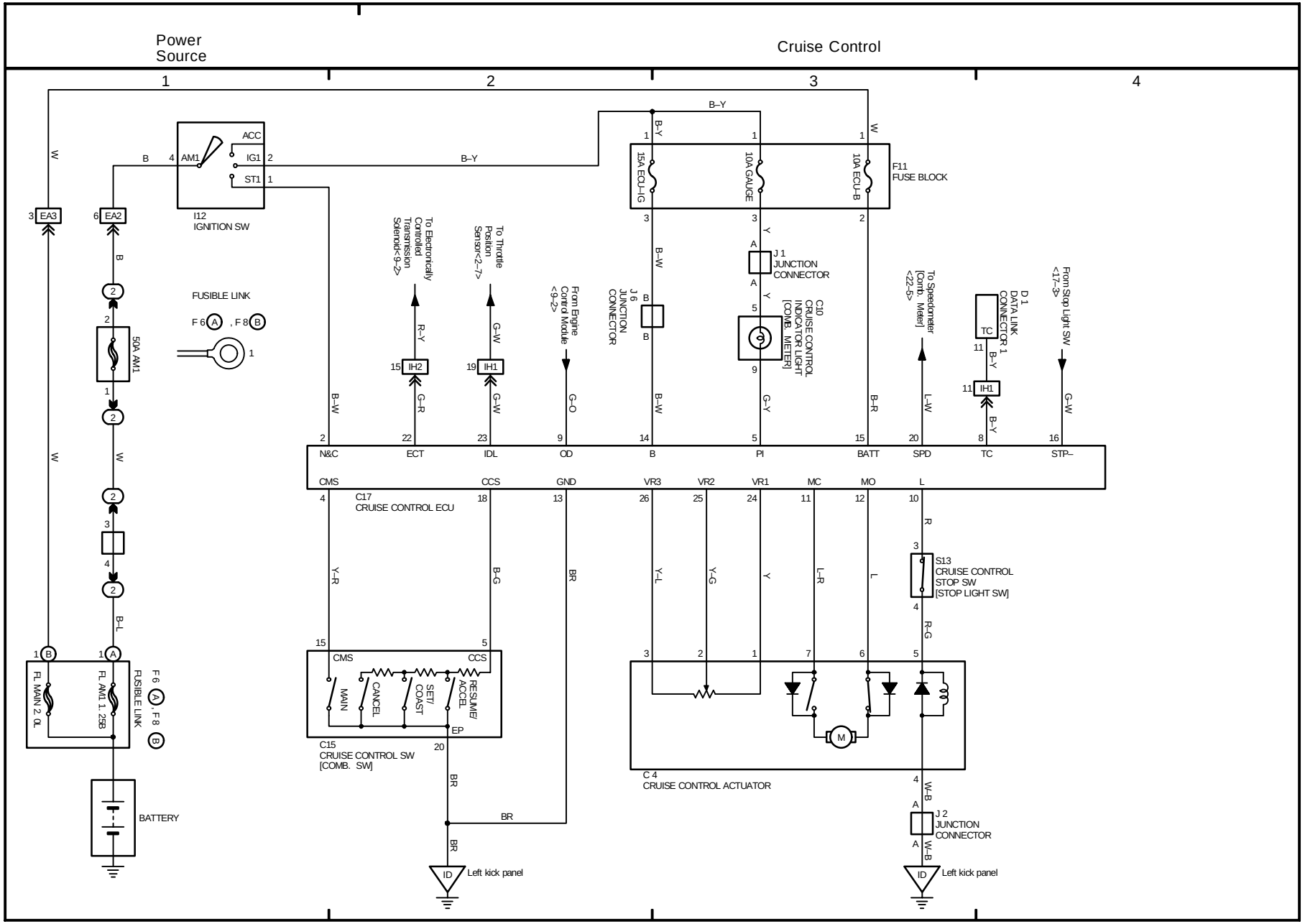


9 LAND CRUISER STATION WAGON(Cont' d)

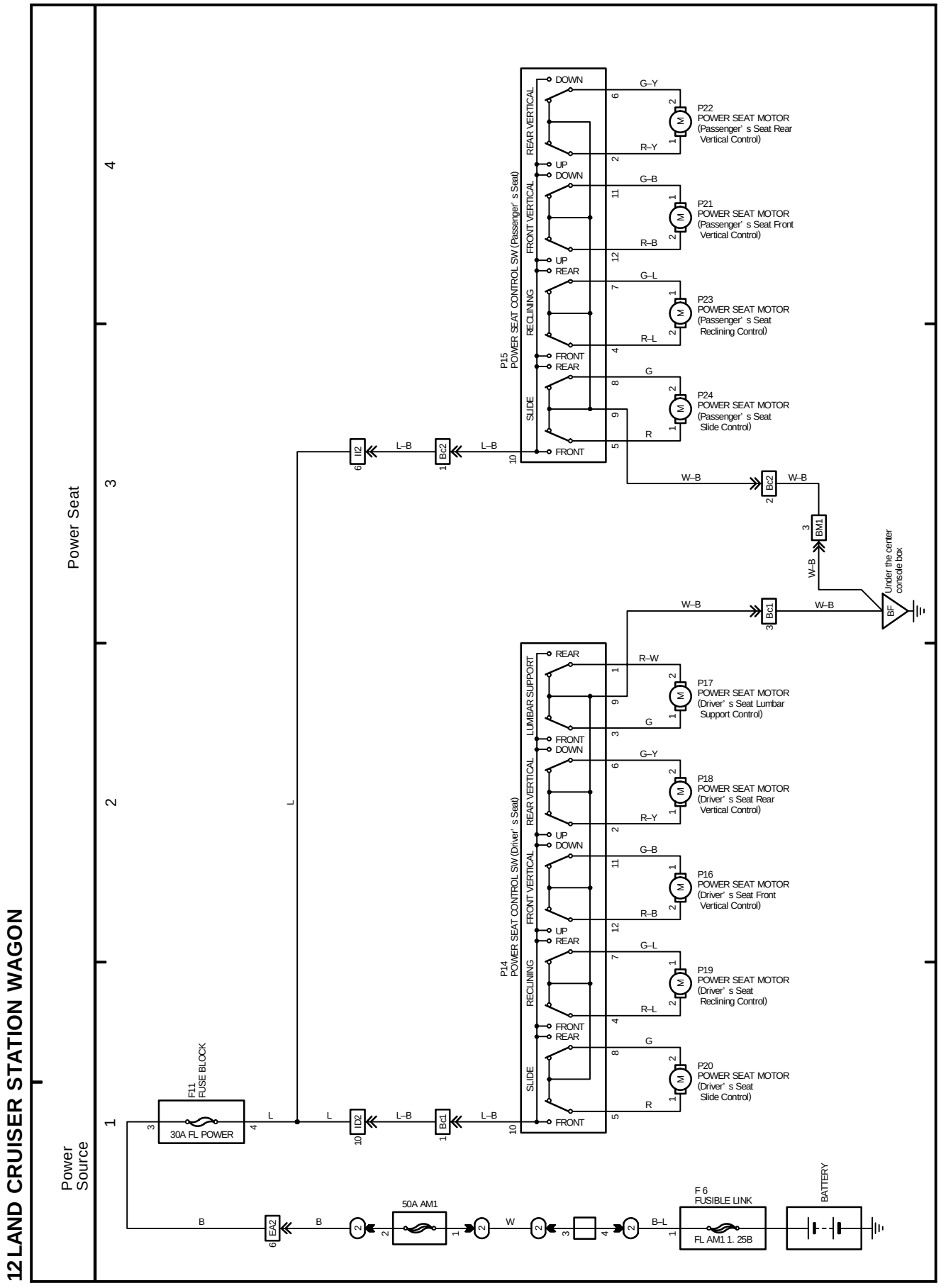


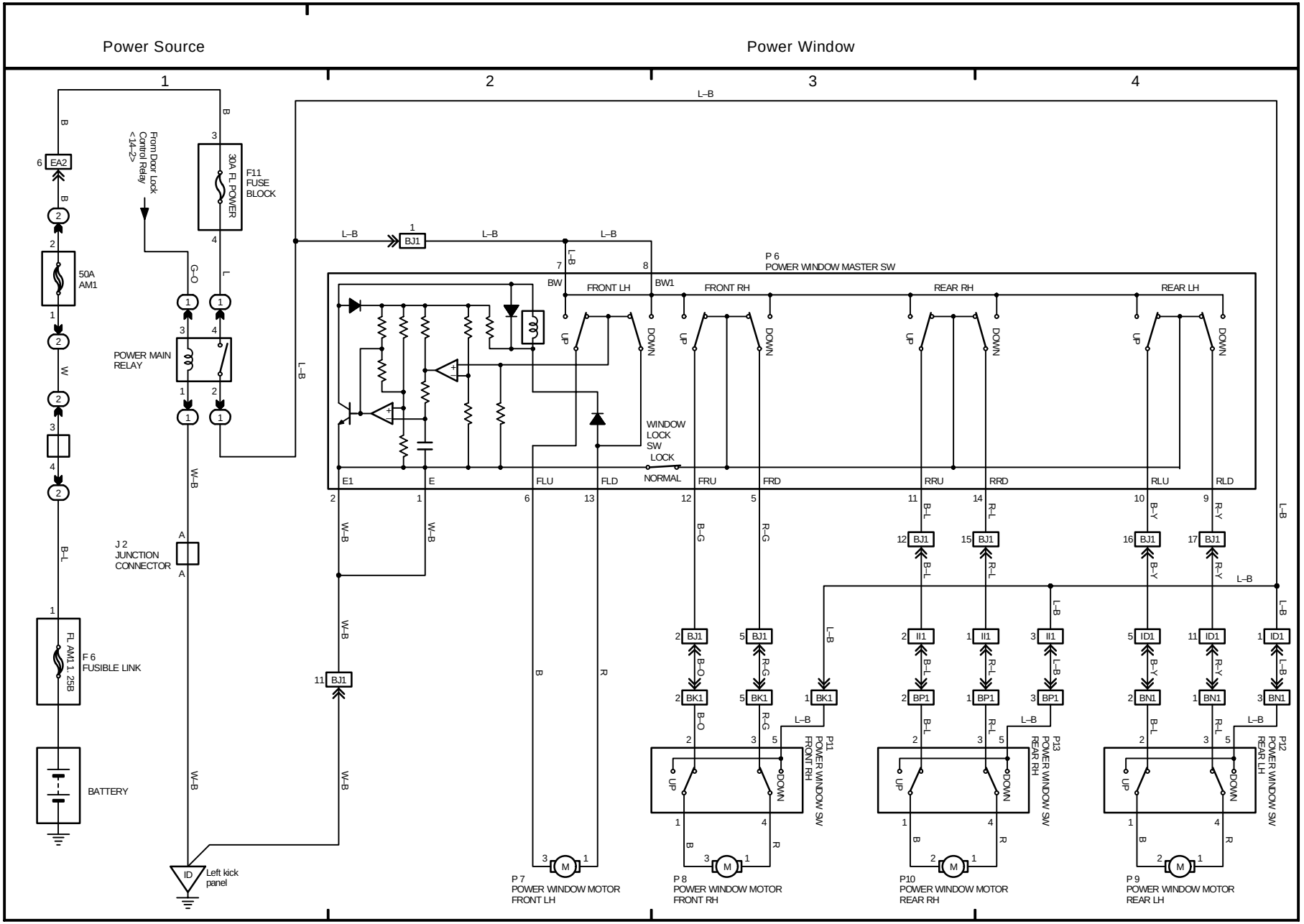
OVERALL ELECTRICAL WIRING DIAGRAM



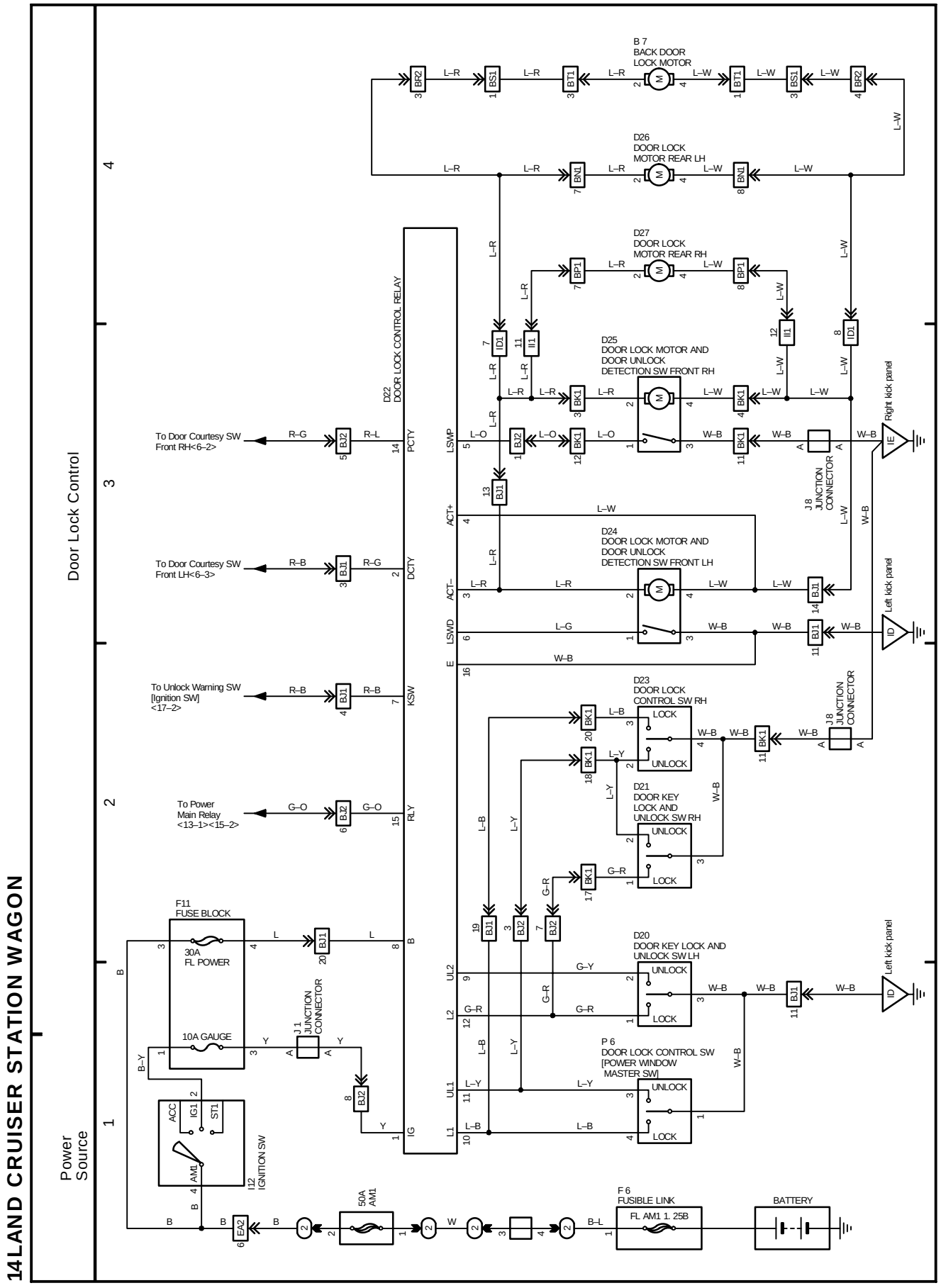

Power Source
Cruise Control
1
2
3
4
I12 IGNITION SW
ACC
IG1
ST1
AM1
F11 FUSE BLOCK
15A ECU-IG
10A GAUGE
10A ECU-B
J 1 JUNCTION CONNECTOR
J 6 JUNCTION CONNECTOR
C10 CRUISE CONTROL INDICATOR LIGHT [COMB. METER]
D 1 DATA LINK CONNECTOR 1
To Electronically Controlled Transmission Solenoid<9-2>
To Throttle Position Sensor<2-7>
From Engine Control Module <9-2>
To Speedometer [Comb. Meter] <22-5>
From Stop Light SW <17-3>
FUSIBLE LINK
F 6 A , F 8 B
50A AM1
EA3
EA2
N&C
ECT
IDL
OD
B
PI
BATT
SPD
TC
STP–
CMS
CCS
GND
VR3
VR2
VR1
MC
MO
L
C17 CRUISE CONTROL ECU
C15 CRUISE CONTROL SW [COMB. SW]
MAIN
CANCEL
SET/ COAST
RESUME/ ACCEL
EP
C 4 CRUISE CONTROL ACTUATOR
M
S13 CRUISE CONTROL STOP SW [STOP LIGHT SW]
J 2 JUNCTION CONNECTOR
FL MAIN 2.0L
FL AM1 1.25B
BATTERY
ID
Left kick panel

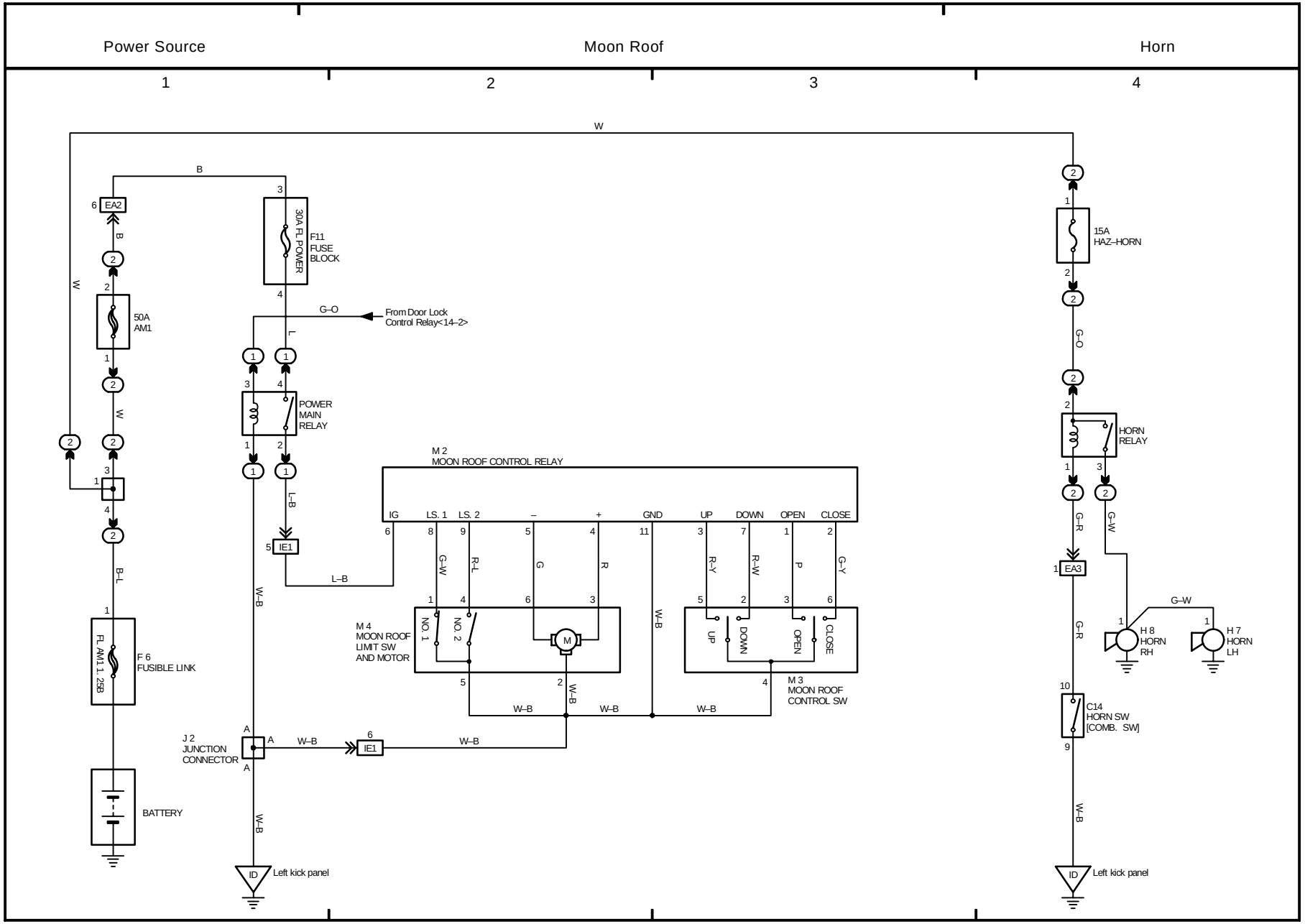
OVERALL ELECTRICAL WIRING DIAGRAM



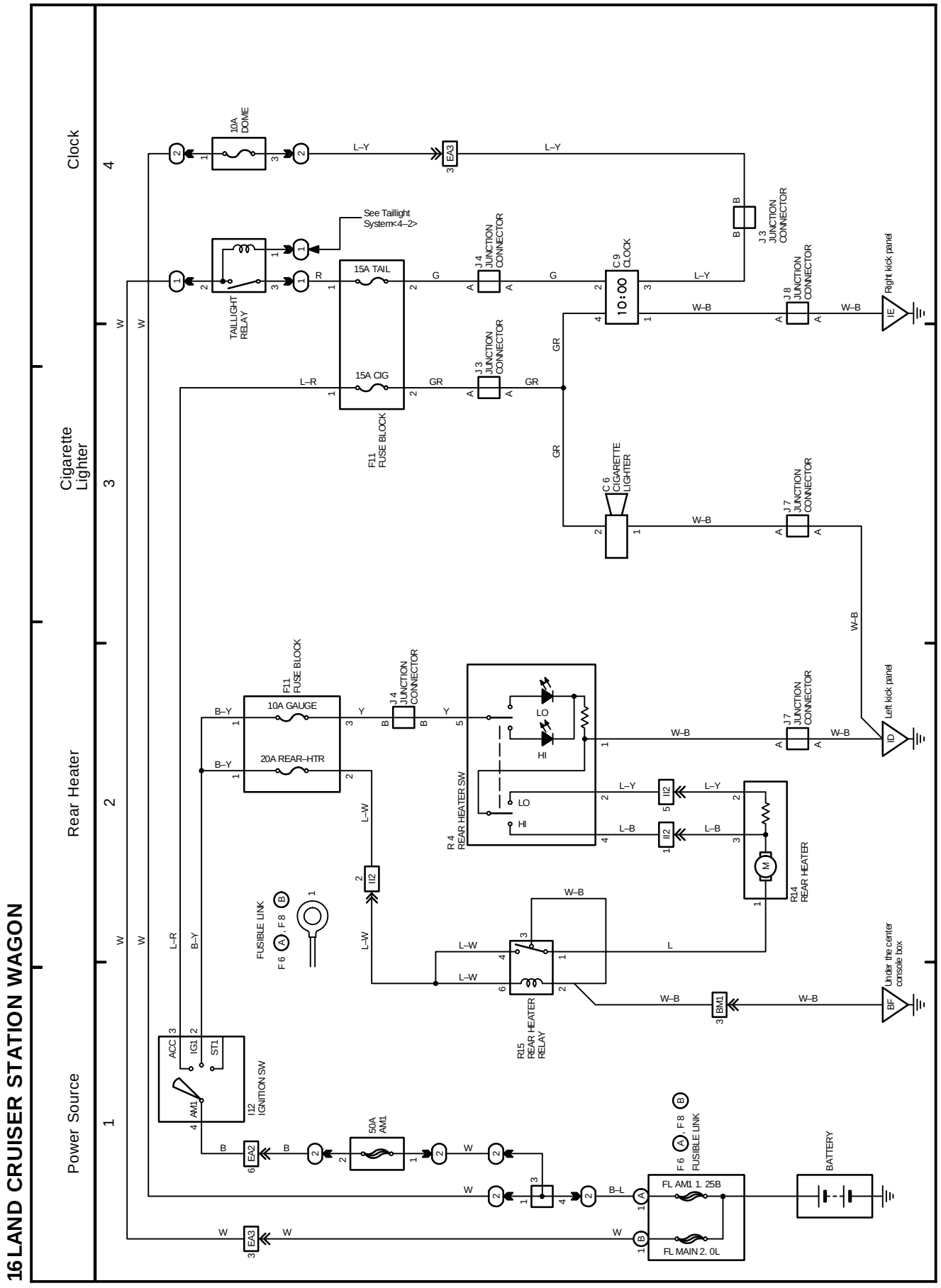

Power Source
Power Window
1
2
3
4
From Door Lock Control Relay <14–2>
30A FL POWER
F11 FUSE BLOCK
EA2
50A AM1
POWER MAIN RELAY
J 2 JUNCTION CONNECTOR
FL AM1 1. 25B
F 6 FUSIBLE LINK
BATTERY
ID
Left kick panel
BJ1
P 6 POWER WINDOW MASTER SW
FRONT LH
FRONT RH
REAR RH
REAR LH
UP
DOWN
WINDOW LOCK SW
LOCK
NORMAL
E1
E
FLU
FLD
FRU
FRD
RRU
RRD
RLU
RLD
P 7 POWER WINDOW MOTOR FRONT LH
P 8 POWER WINDOW MOTOR FRONT RH
P10 POWER WINDOW MOTOR REAR RH
P 9 POWER WINDOW MOTOR REAR LH
P11 POWER WINDOW SW FRONT RH
P13 POWER WINDOW SW REAR RH
P12 POWER WINDOW SW REAR LH

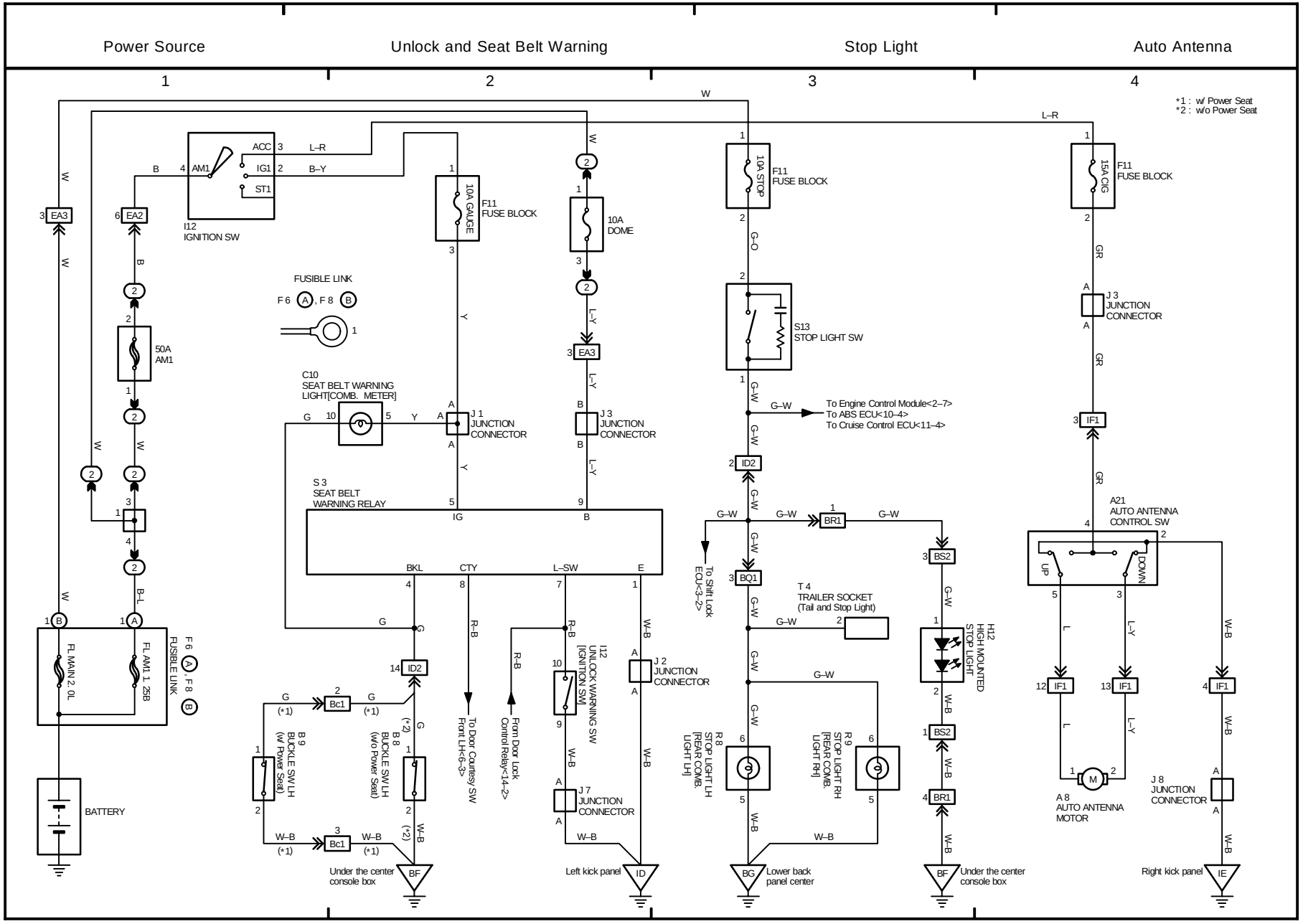
OVERALL ELECTRICAL WIRING DIAGRAM



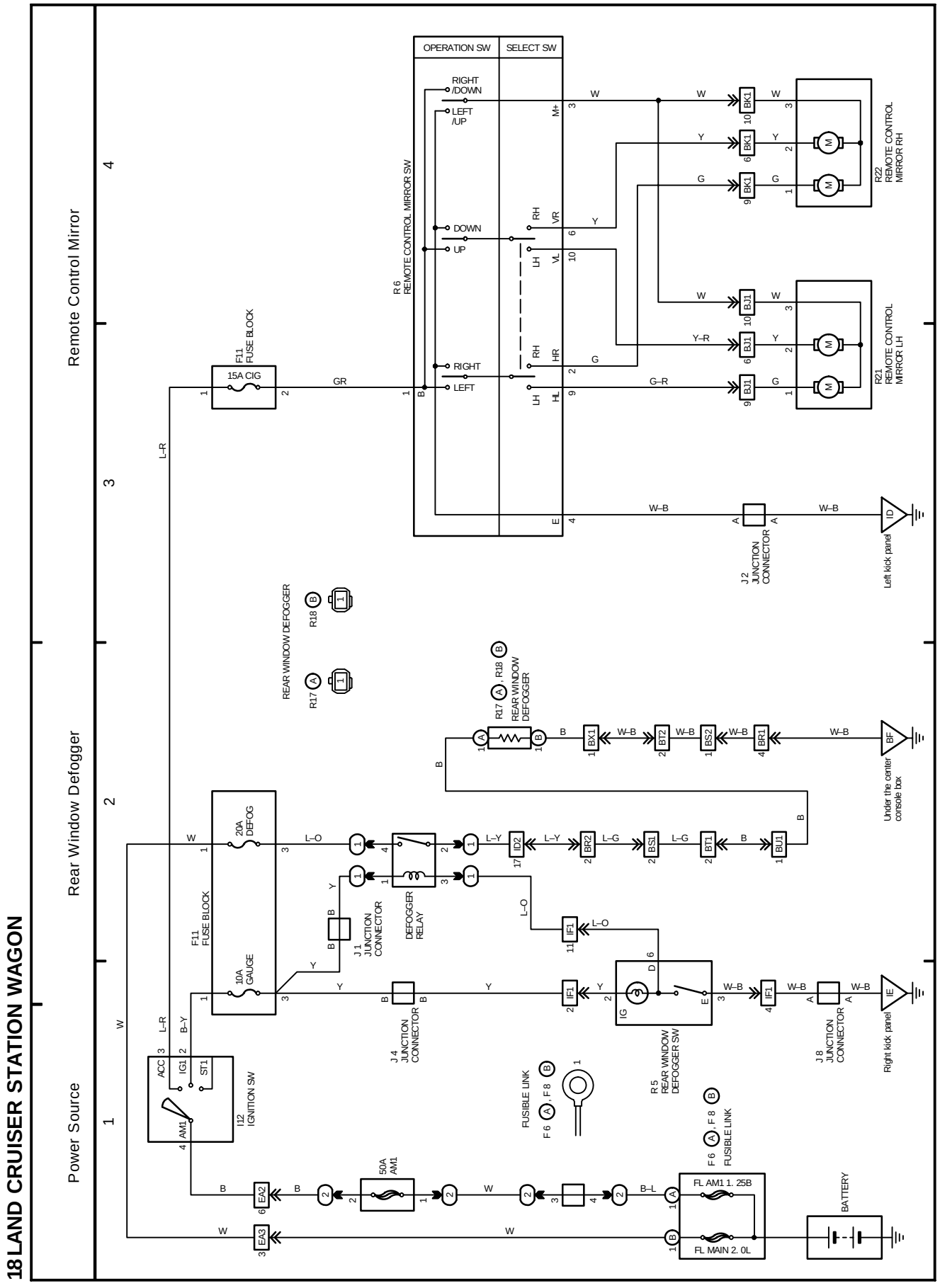

Power Source
Moon Roof
Horn
1
2
3
4
W
B
EA2
30A FL POWER
F11
FUSE
BLOCK
50A
AM1
G–O
From Door Lock
Control Relay<14–2>
POWER
MAIN
RELAY
M 2
MOON ROOF CONTROL RELAY
IG
LS. 1
LS. 2
–
+
GND
UP
DOWN
OPEN
CLOSE
IE1
L–B
W–B
G–W
R–L
G
R
R–Y
R–W
P
G–Y
M 4
MOON ROOF
LIMIT SW
AND MOTOR
NO. 1
NO. 2
M
M 3
MOON ROOF
CONTROL SW
F 6
FUSIBLE LINK
FL AM1 1. 25B
BATTERY
J 2
JUNCTION
CONNECTOR
Left kick panel
15A
HAZ–HORN
HORN
RELAY
G–R
EA3
H 8
HORN
RH
H 7
HORN
LH
C14
HORN SW
[COMB. SW]

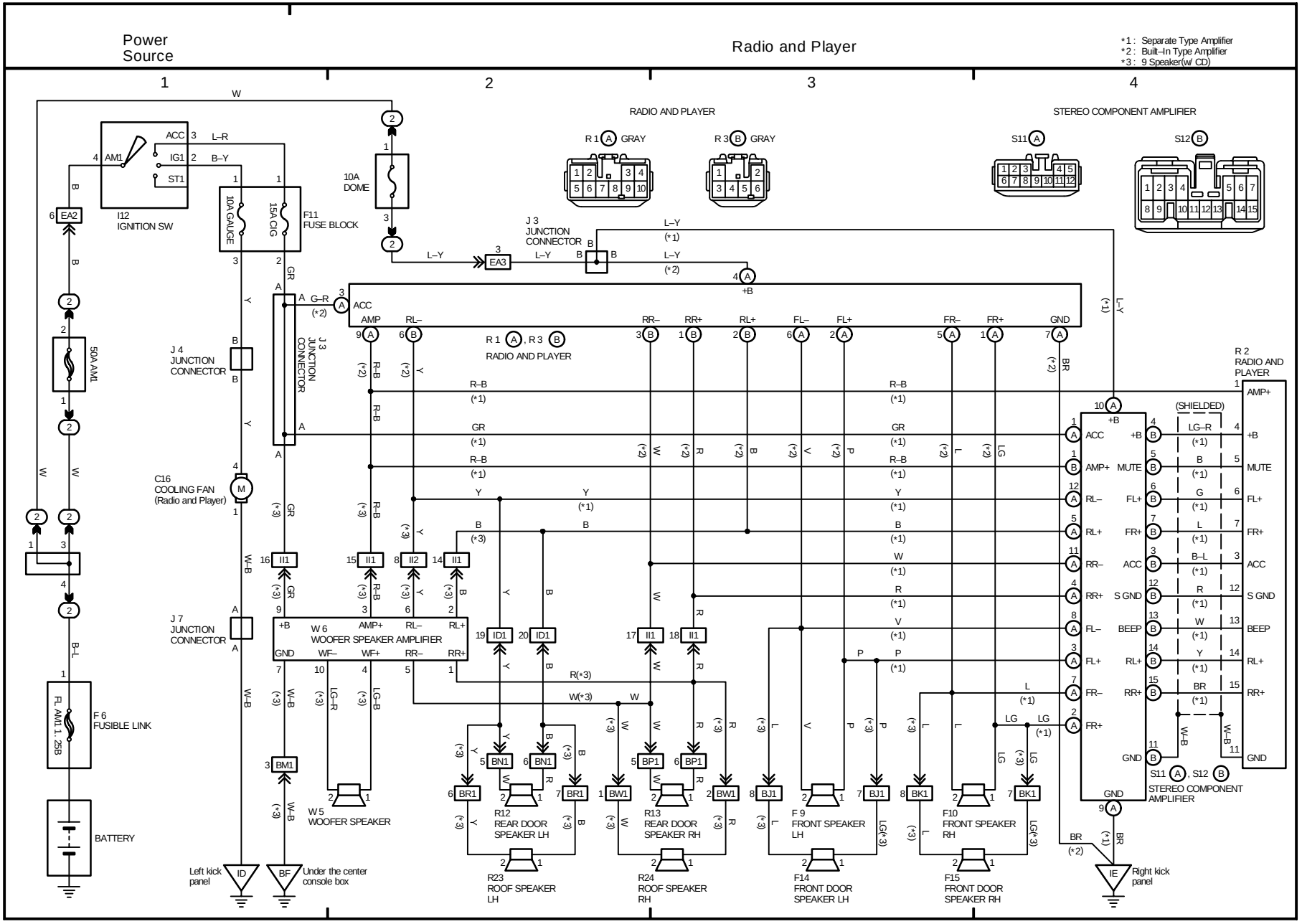
OVERALL ELECTRICAL WIRING DIAGRAM



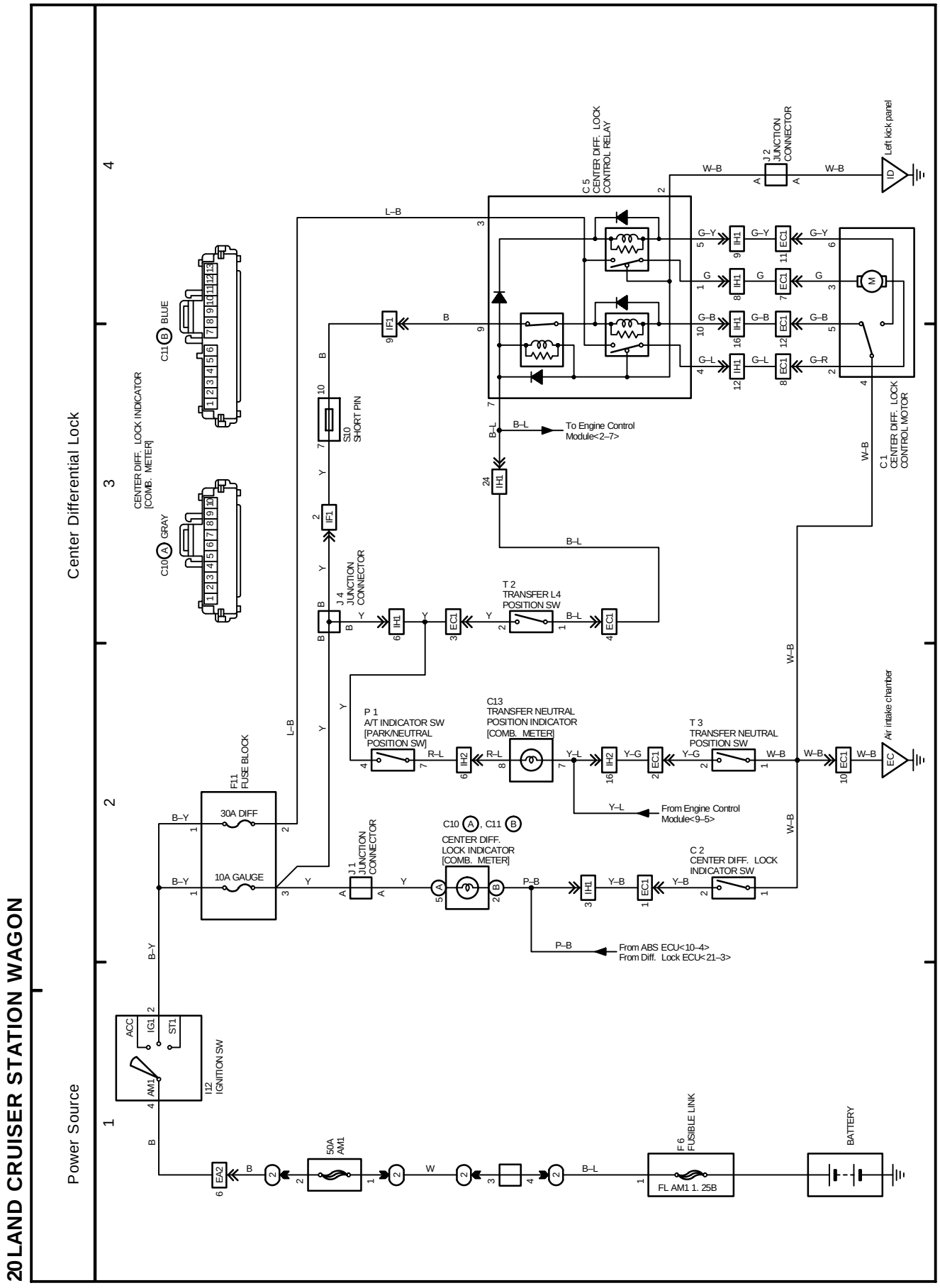

Power Source
Unlock and Seat Belt Warning
Stop Light
Auto Antenna
1
2
3
4
*1 : w/ Power Seat
*2 : w/o Power Seat
I12 IGNITION SW
ACC
IG1
ST1
AM1
F11 FUSE BLOCK
10A GAUGE
10A DOME
10A STOP
15A CIG
50A AM1
FUSIBLE LINK
F6 A, F8 B
C10 SEAT BELT WARNING LIGHT[COMB. METER]
J 1 JUNCTION CONNECTOR
J 3 JUNCTION CONNECTOR
S 3 SEAT BELT WARNING RELAY
IG
BKL
CTY
L–SW
E
S13 STOP LIGHT SW
To Engine Control Module<2–7>
To ABS ECU<10–4>
To Cruise Control ECU<11–4>
To Shift Lock ECU<3–2>
T 4 TRAILER SOCKET (Tail and Stop Light)
H12 HIGH MOUNTED STOP LIGHT
A21 AUTO ANTENNA CONTROL SW
UP
DOWN
A 8 AUTO ANTENNA MOTOR
J 8 JUNCTION CONNECTOR
J 2 JUNCTION CONNECTOR
J 7 JUNCTION CONNECTOR
I12 UNLOCK WARNING SW [IGNITION SW]
B 9 BUCKLE SW LH (w/ Power Seat)
B 8 BUCKLE SW LH (w/o Power Seat)
To Door Courtesy SW Front LH<6–3>
From Door Lock Control Relay<14–2>
R 8 STOP LIGHT LH [REAR COMB. LIGHT LH]
R 9 STOP LIGHT RH [REAR COMB. LIGHT RH]
FL MAIN 2.0L
FL AM1 1.25B
BATTERY
Under the center console box
Left kick panel
Lower back panel center
Under the center console box
Right kick panel

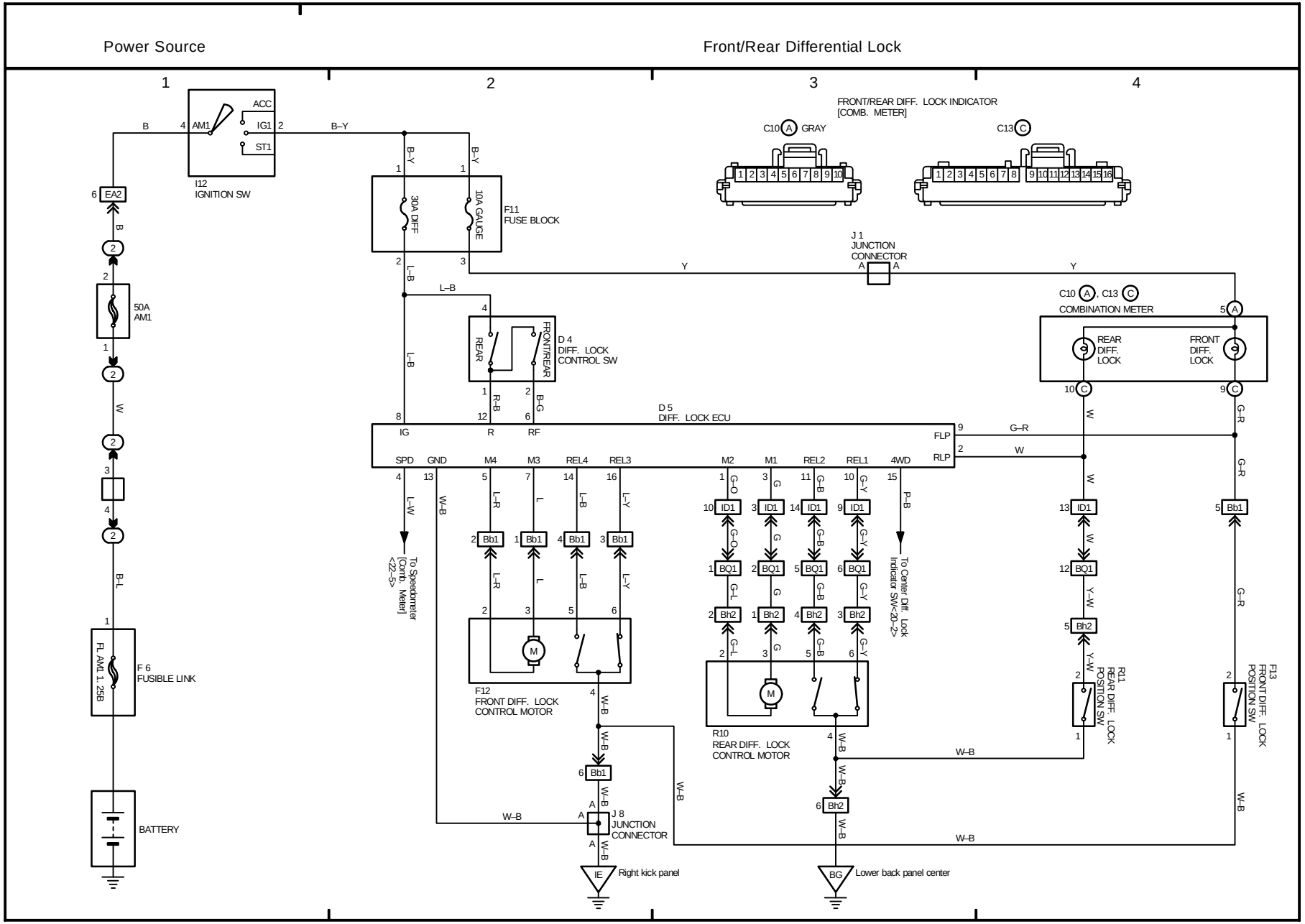
OVERALL ELECTRICAL WIRING DIAGRAM



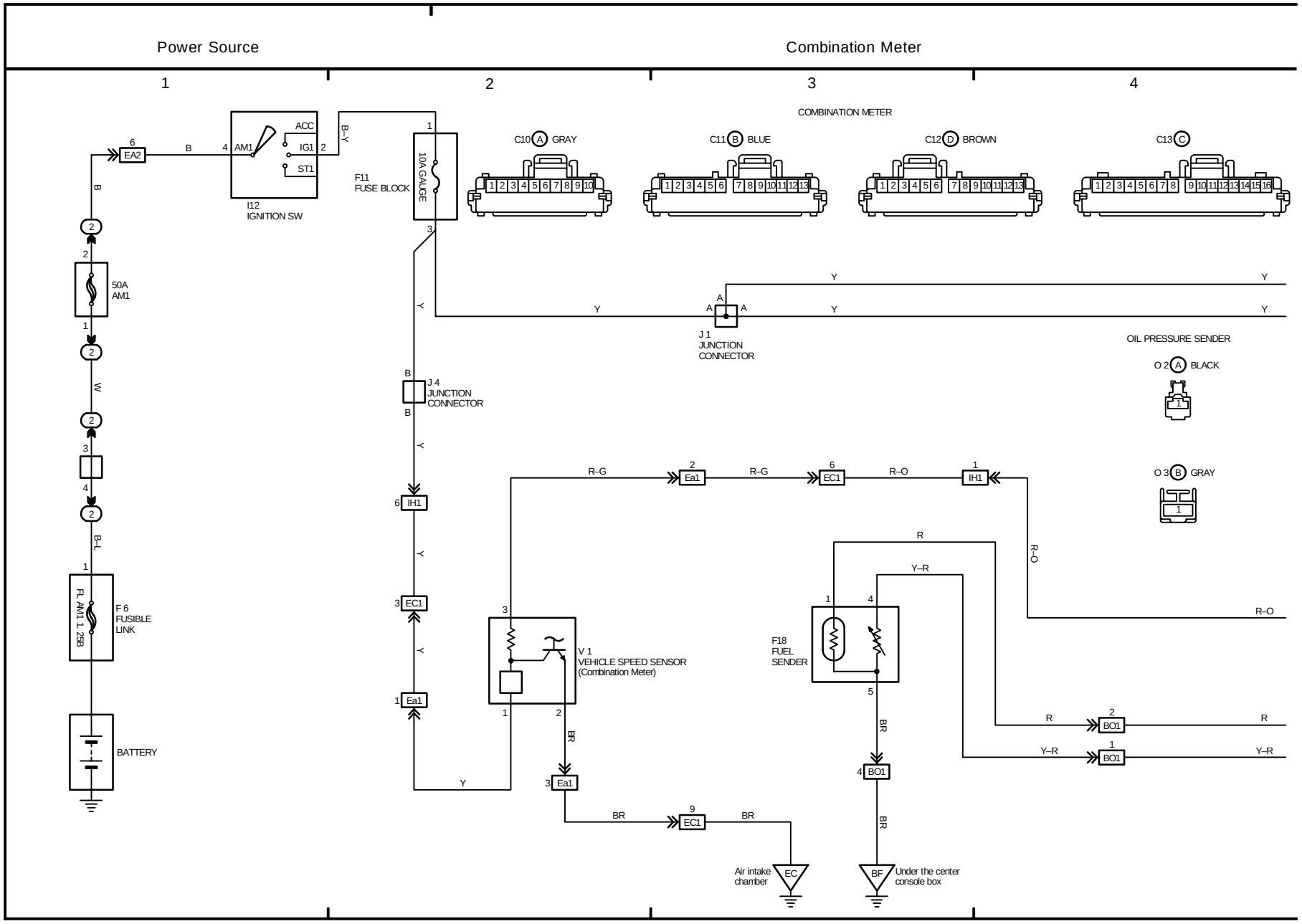

Power Source
Radio and Player
*1 : Separate Type Amplifier
*2 : Built–In Type Amplifier
*3 : 9 Speaker(w/ CD)
1
2
3
4
RADIO AND PLAYER
STEREO COMPONENT AMPLIFIER
R1 A GRAY
R3 B GRAY
S11 A
S12 B
I12 IGNITION SW
F11 FUSE BLOCK
10A GAUGE
15A CIG
10A DOME
50A AM1
FL AM1 1. 25B
F 6 FUSIBLE LINK
BATTERY
J 3 JUNCTION CONNECTOR
J 4 JUNCTION CONNECTOR
J 7 JUNCTION CONNECTOR
C16 COOLING FAN (Radio and Player)
W 6 WOOFER SPEAKER AMPLIFIER
W 5 WOOFER SPEAKER
R12 REAR DOOR SPEAKER LH
R13 REAR DOOR SPEAKER RH
R23 ROOF SPEAKER LH
R24 ROOF SPEAKER RH
F14 FRONT DOOR SPEAKER LH
F15 FRONT DOOR SPEAKER RH
F 9 FRONT SPEAKER LH
F10 FRONT SPEAKER RH
R 2 RADIO AND PLAYER
S11 , S12 STEREO COMPONENT AMPLIFIER
Left kick panel
Under the center console box
Right kick panel
(SHIELDED)

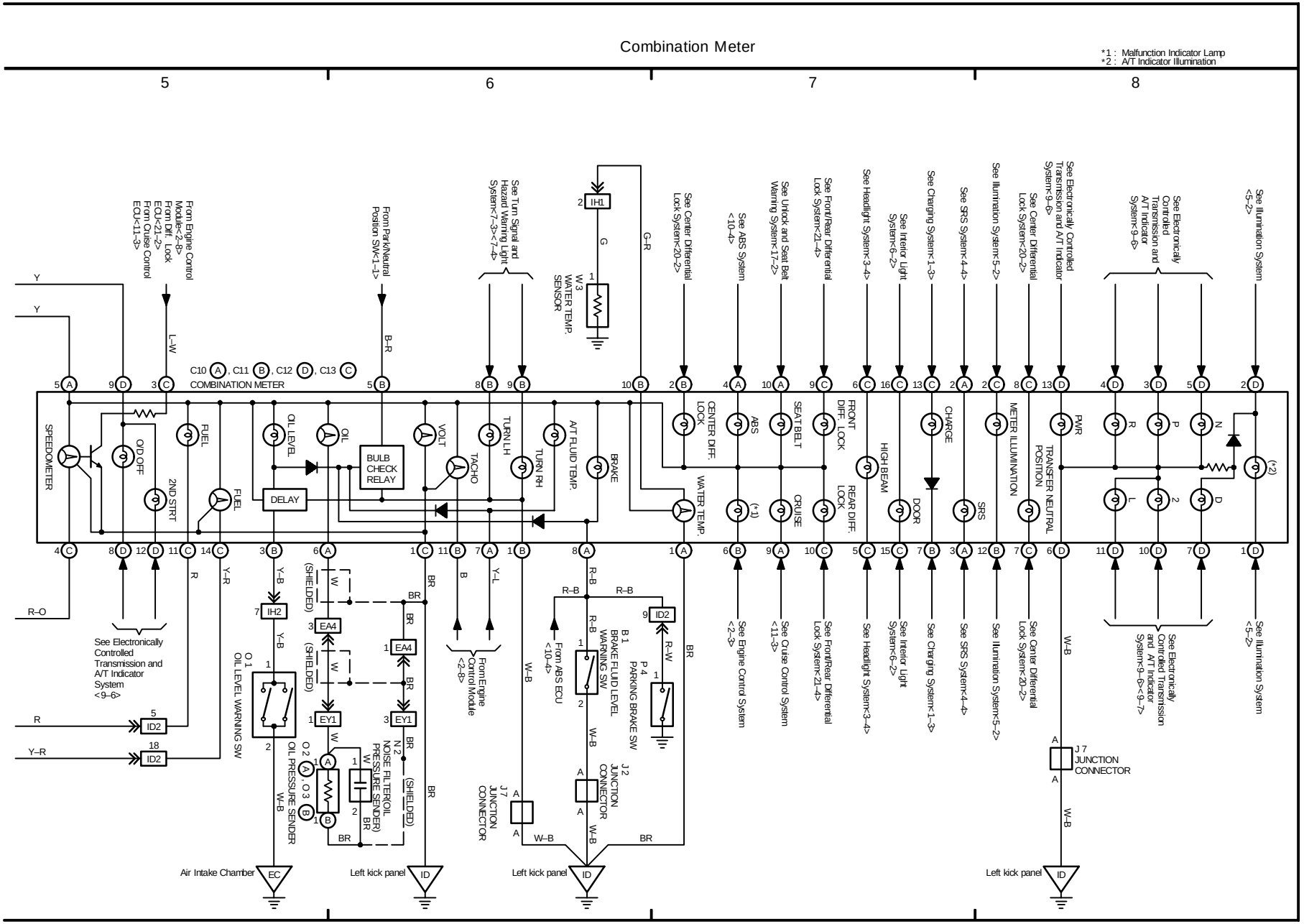
OVERALL ELECTRICAL WIRING DIAGRAM



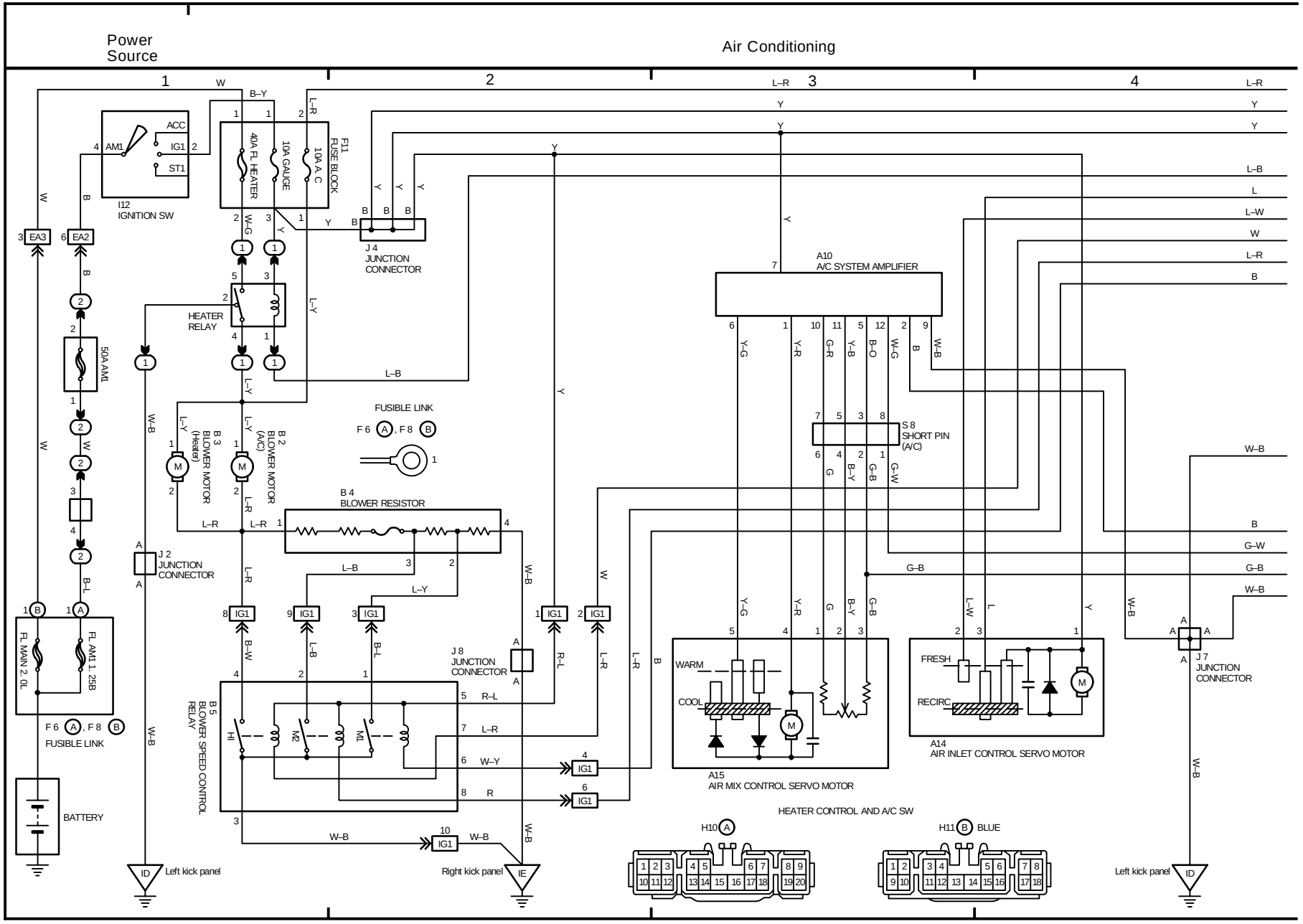

Power Source
Front/Rear Differential Lock
1
2
3
4
FRONT/REAR DIFF. LOCK INDICATOR [COMB. METER]
C10 A GRAY
C13 C
I12 IGNITION SW
ACC
IG1
ST1
AM1
F11 FUSE BLOCK
30A DIFF
10A GAUGE
J 1 JUNCTION CONNECTOR
50A AM1
EA2
F 6 FUSIBLE LINK
FL AM1 1. 25B
BATTERY
D 4 DIFF. LOCK CONTROL SW
REAR
FRONT/REAR
D 5 DIFF. LOCK ECU
IG
R
RF
FLP
RLP
SPD
GND
M4
M3
REL4
REL3
M2
M1
REL2
REL1
4WD
To Speedometer [Comb. Meter] <22-5>
To Center Diff. Lock Indicator SW<20-2>
C10 A, C13 C COMBINATION METER
REAR DIFF. LOCK
FRONT DIFF. LOCK
F12 FRONT DIFF. LOCK CONTROL MOTOR
R10 REAR DIFF. LOCK CONTROL MOTOR
R11 REAR DIFF. LOCK POSITION SW
F13 FRONT DIFF. LOCK POSITION SW
J 8 JUNCTION CONNECTOR
IE Right kick panel
BG Lower back panel center

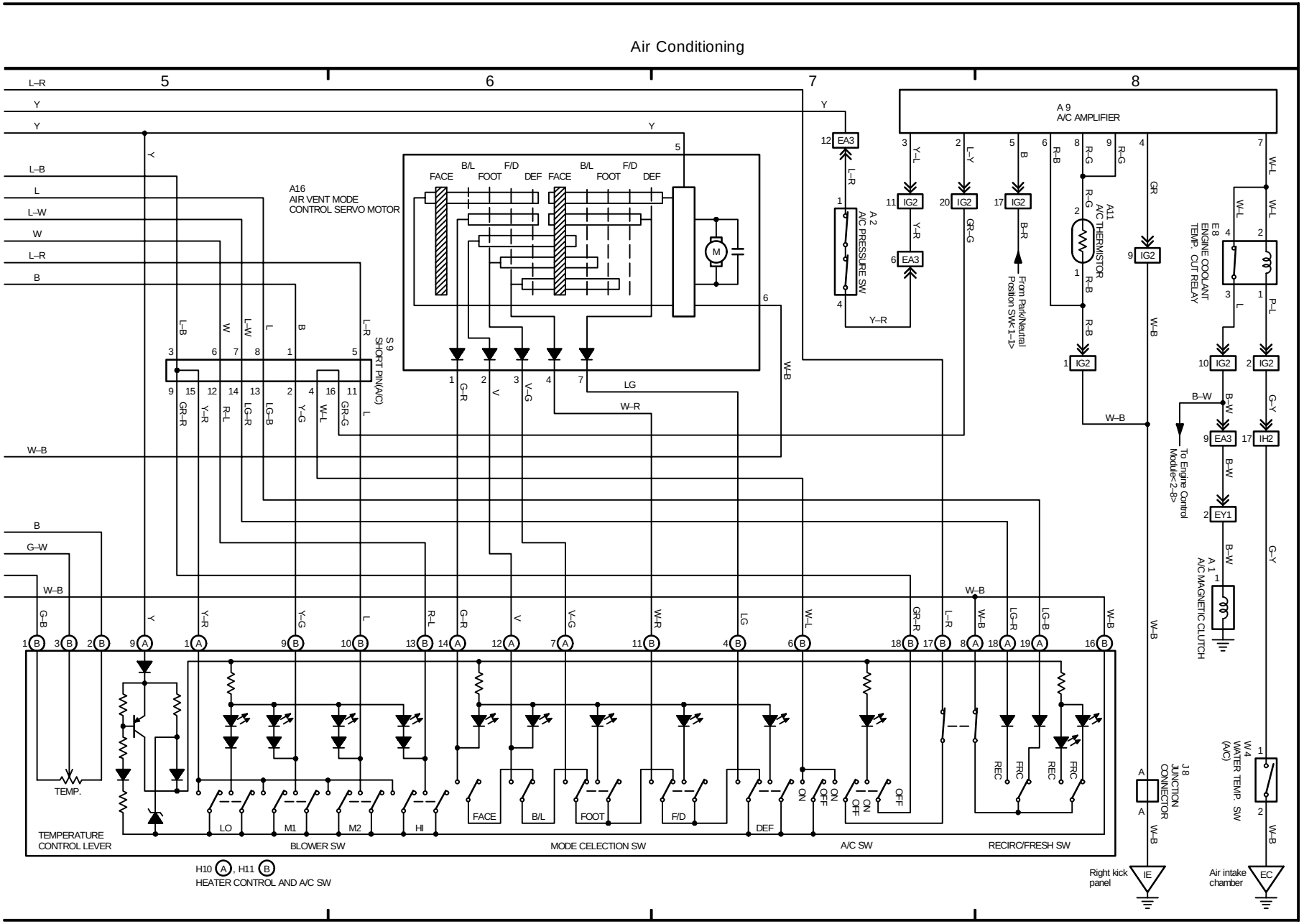
(Cont. next page)




Combination Meter
*1 : Malfunction Indicator Lamp
*2 : A/T Indicator Illumination
5
6
7
8
C10 (A), C11 (B), C12 (D), C13 (C)
COMBINATION METER
SPEEDOMETER
O/D OFF
2ND STRT
FUEL
OIL LEVEL
OIL
VOLT
TACHO
TURN LH
TURN RH
A/T FLUID TEMP.
BRAKE
CENTER DIFF. LOCK
ABS
SEAT BELT
CRUISE
FRONT DIFF. LOCK
REAR DIFF. LOCK
HIGH BEAM
DOOR
CHARGE
SRS
METER ILLUMINATION
PWR
TRANSFER NEUTRAL POSITION
R
P
N
D
2
L
(*2)
BULB CHECK RELAY
DELAY
WATER TEMP.
WATER TEMP. SENSOR
IH1
IH2
ID2
EA4
EY1
J7 JUNCTION CONNECTOR
J2 JUNCTION CONNECTOR
B1 BRAKE FLUID LEVEL WARNING SW
P4 PARKING BRAKE SW
O1 OIL LEVEL WARNING SW
O2, O3 OIL PRESSURE SENDER
N2 NOISE FILTER(OIL PRESSURE SENDER)
From Engine Control Module<2-8>
From Diff. Lock ECU<21-2>
From Cruise Control ECU<11-3>
From Park/Neutral Position SW<1-1>
See Turn Signal and Hazard Warning Light System<7-3><7-4>
See Center Differential Lock System<20-2>
See ABS System <10-4>
See Unlock and Seat Belt Warning System<17-2>
See Front/Rear Differential Lock System<21-4>
See Headlight System<3-4>
See Interior Light System<6-2>
See Charging System<1-3>
See SRS System<4-4>
See Illumination System<5-2>
See Center Differential Lock System<20-2>
See Electronically Controlled Transmission and A/T Indicator System<9-6>
See Electronically Controlled Transmission and A/T Indicator System<9-6><9-7>
See Illumination System <5-2>
See Electronically Controlled Transmission and A/T Indicator System <9-6>
From ABS ECU <10-4>
From Engine Control Module <2-8>
See Engine Control System <2-3>
See Cruise Control System <11-3>
See Front/Rear Differential Lock System<21-4>
See Headlight System<3-4>
See Interior Light System<6-2>
See Charging System<1-3>
See SRS System<4-4>
See Illumination System<5-2>
See Center Differential Lock System<20-2>
J7 JUNCTION CONNECTOR
Air Intake Chamber
Left kick panel
Left kick panel
Left kick panel
EC
ID
ID
ID

(Cont. next page)




Air Conditioning
A16
AIR VENT MODE
CONTROL SERVO MOTOR
A 9
A/C AMPLIFIER
A 2
A/C PRESSURE SW
A11
A/C THERMISTOR
E 8
ENGINE COOLANT
TEMP. CUT RELAY
A 1
A/C MAGNETIC CLUTCH
S 9
SHORT PIN(A/C)
J8
JUNCTION
CONNECTOR
W 4
WATER TEMP. SW
(A/C)
From Park/Neutral
Position SW<1-1>
To Engine Control
Module<2-8>
TEMP.
TEMPERATURE
CONTROL LEVER
BLOWER SW
MODE CELECTION SW
A/C SW
RECIRC/FRESH SW
LO
M1
M2
HI
FACE
B/L
FOOT
F/D
DEF
ON
OFF
REC
FRC
H10 (A), H11 (B)
HEATER CONTROL AND A/C SW
Right kick
panel
IE
Air intake
chamber
EC