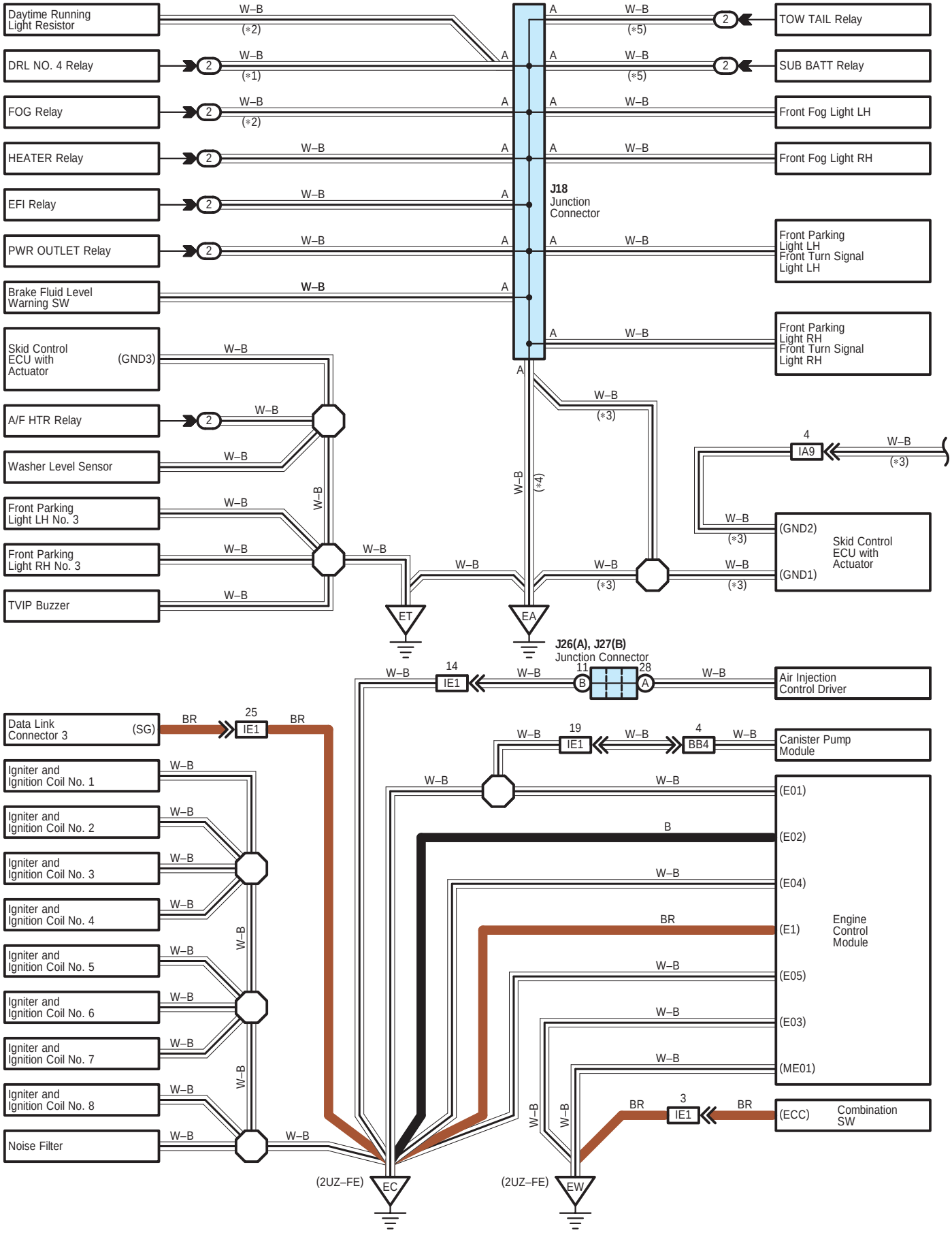
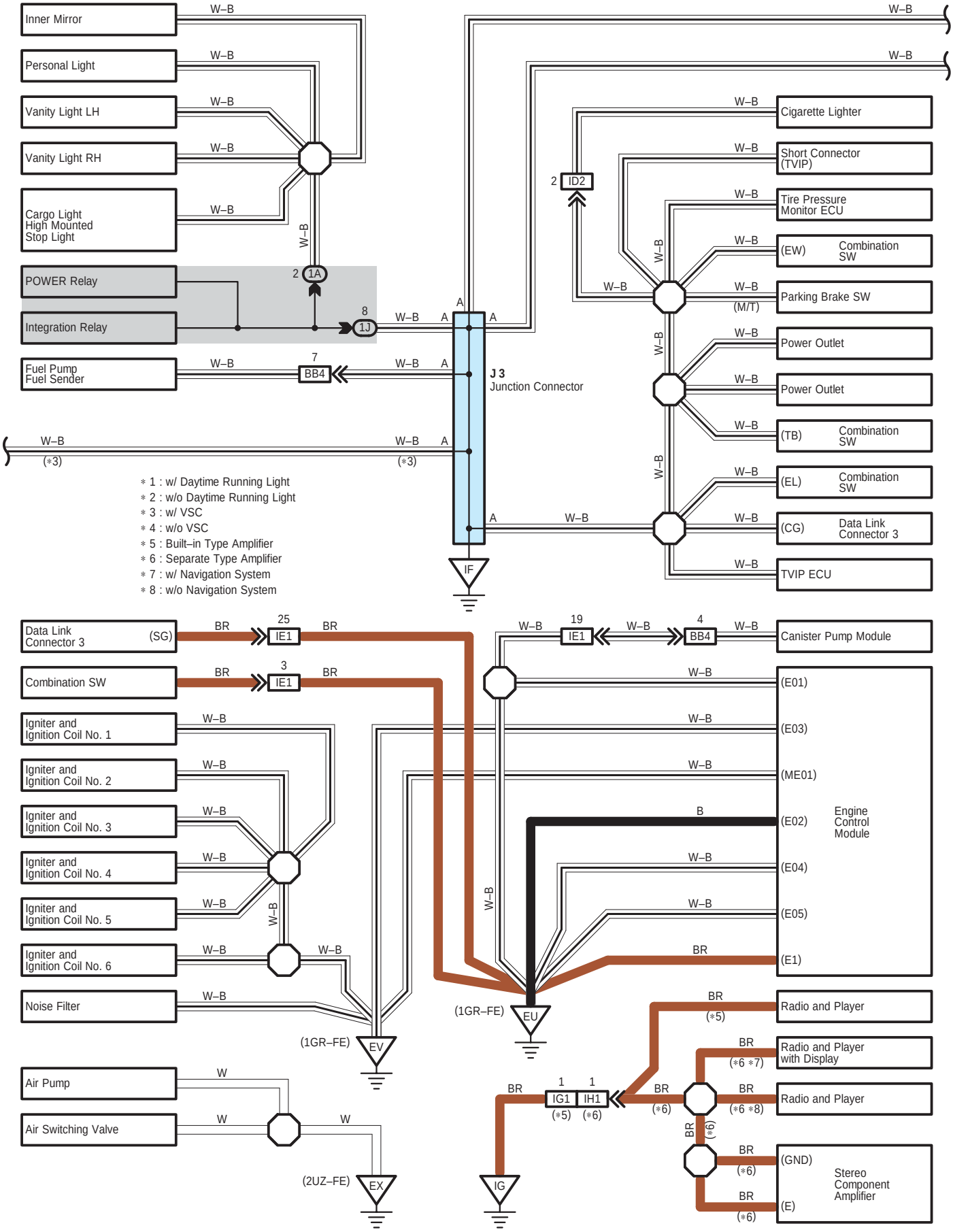
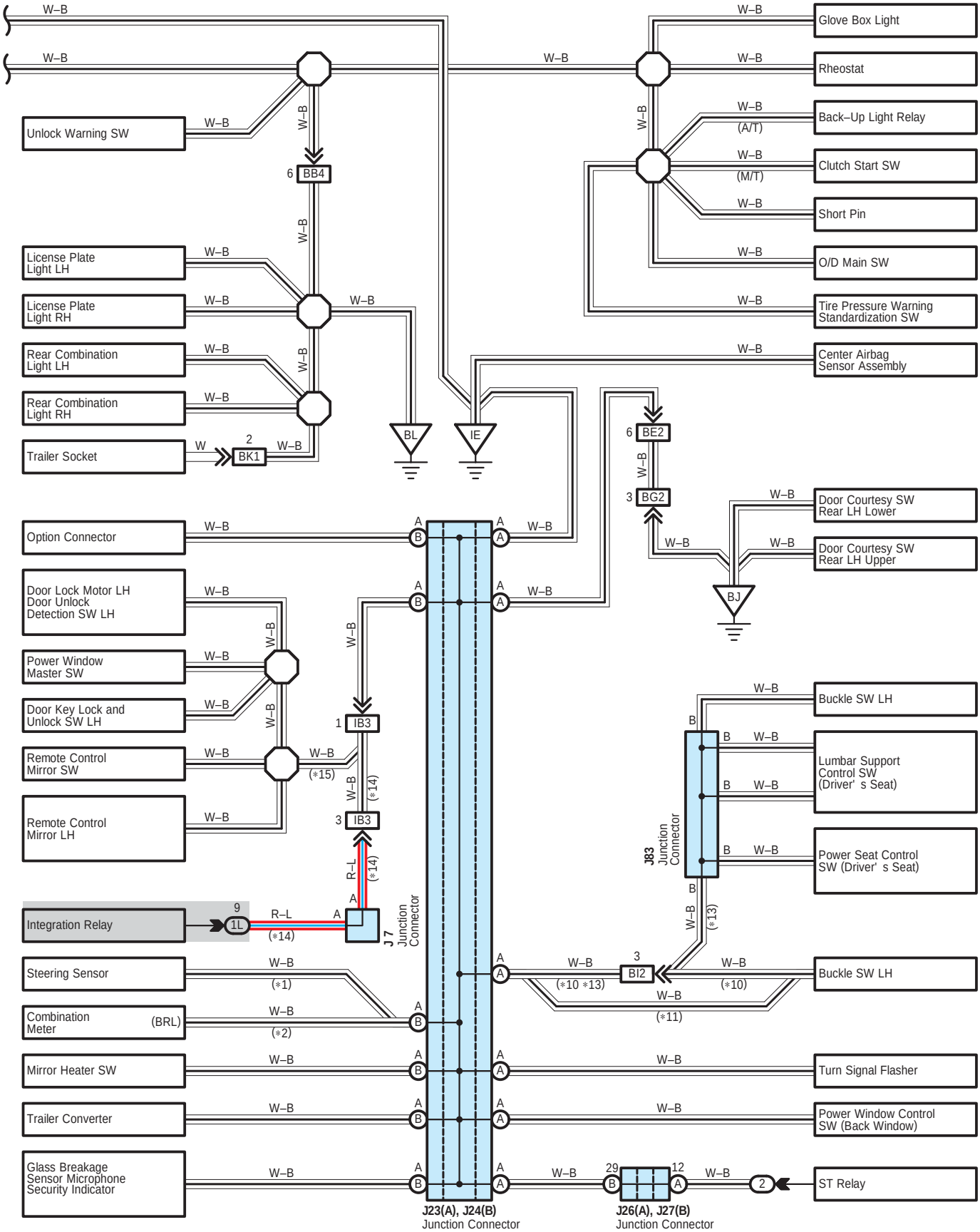
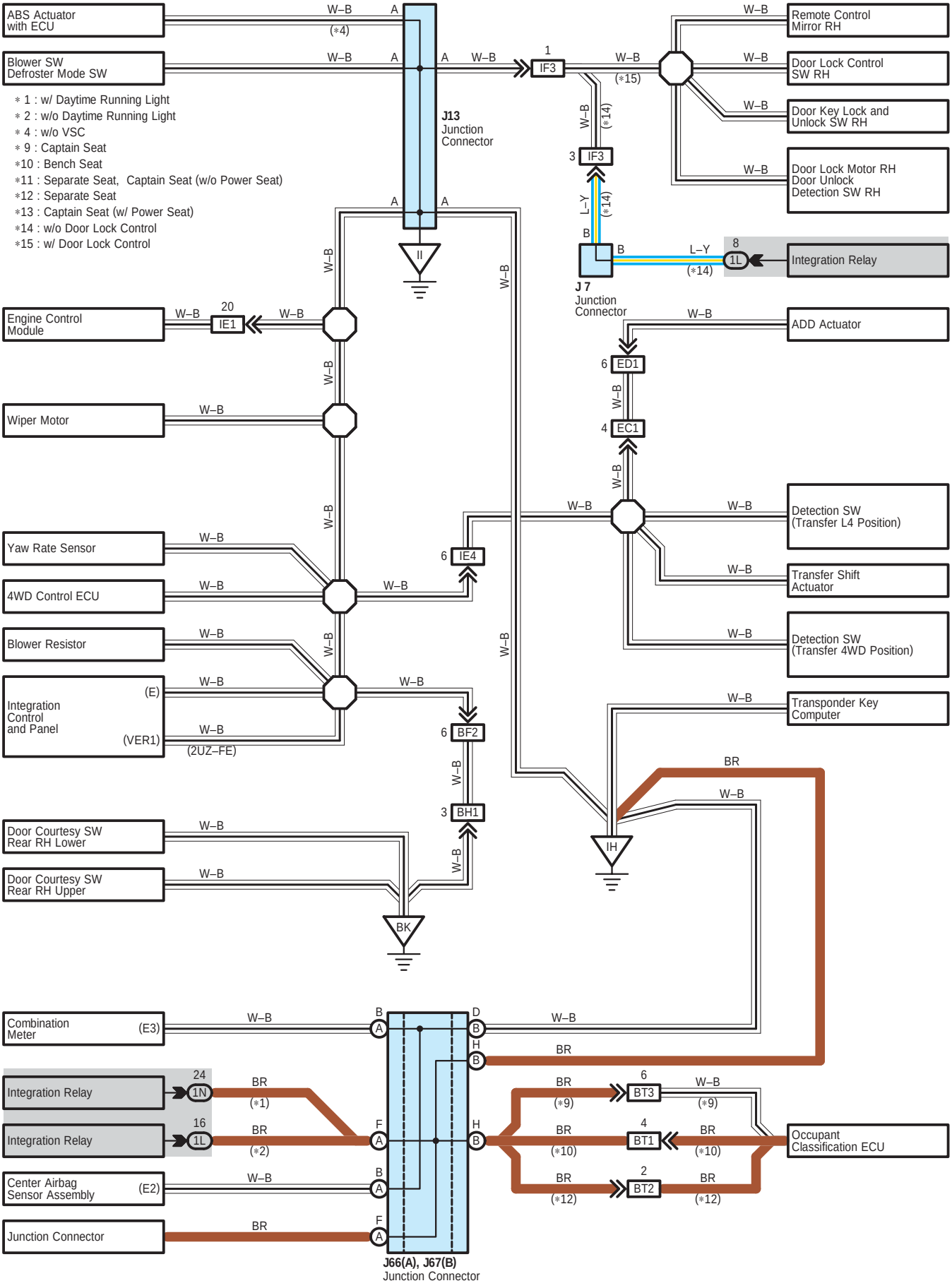
I GROUND POINT (Access/Standard Cab)




Inner Mirror
Personal Light
Vanity Light LH
Vanity Light RH
Cargo Light
High Mounted
Stop Light
POWER Relay
Integration Relay
Fuel Pump
Fuel Sender
W–B
2 1A
8 1J
7 BB4
A
J 3
Junction Connector
IF
2 ID2
Cigarette Lighter
Short Connector
(TVIP)
Tire Pressure
Monitor ECU
(EW) Combination SW
Parking Brake SW
(M/T)
Power Outlet
Power Outlet
(TB) Combination SW
(EL) Combination SW
(CG) Data Link Connector 3
TVIP ECU
(*3)
* 1 : w/ Daytime Running Light
* 2 : w/o Daytime Running Light
* 3 : w/ VSC
* 4 : w/o VSC
* 5 : Built–in Type Amplifier
* 6 : Separate Type Amplifier
* 7 : w/ Navigation System
* 8 : w/o Navigation System
Data Link
Connector 3
(SG)
25 IE1
Combination SW
3 IE1
BR
19 IE1
4 BB4
Canister Pump Module
Igniter and
Ignition Coil No. 1
Igniter and
Ignition Coil No. 2
Igniter and
Ignition Coil No. 3
Igniter and
Ignition Coil No. 4
Igniter and
Ignition Coil No. 5
Igniter and
Ignition Coil No. 6
Noise Filter
(1GR–FE) EV
(1GR–FE) EU
(E01)
(E03)
(ME01)
(E02)
(E04)
(E05)
(E1)
Engine
Control
Module
Radio and Player
(*5)
Radio and Player
with Display
(*6 *7)
Radio and Player
(*6 *8)
IG1 IH1
(*5) (*6)
(GND)
(E)
Stereo
Component
Amplifier
Air Pump
Air Switching Valve
(2UZ–FE) EX
IG

I GROUND POINT (Access/Standard Cab)




ABS Actuator with ECU
Blower SW Defroster Mode SW
∗ 1 : w/ Daytime Running Light
∗ 2 : w/o Daytime Running Light
∗ 4 : w/o VSC
∗ 9 : Captain Seat
∗10 : Bench Seat
∗11 : Separate Seat, Captain Seat (w/o Power Seat)
∗12 : Separate Seat
∗13 : Captain Seat (w/ Power Seat)
∗14 : w/o Door Lock Control
∗15 : w/ Door Lock Control
J13 Junction Connector
J 7 Junction Connector
Remote Control Mirror RH
Door Lock Control SW RH
Door Key Lock and Unlock SW RH
Door Lock Motor RH Door Unlock Detection SW RH
Integration Relay
ADD Actuator
Engine Control Module
Wiper Motor
Yaw Rate Sensor
4WD Control ECU
Blower Resistor
Integration Control and Panel
Door Courtesy SW Rear RH Lower
Door Courtesy SW Rear RH Upper
Detection SW (Transfer L4 Position)
Transfer Shift Actuator
Detection SW (Transfer 4WD Position)
Transponder Key Computer
Combination Meter
Integration Relay
Integration Relay
Center Airbag Sensor Assembly
Junction Connector
Occupant Classification ECU
J66(A), J67(B) Junction Connector

I GROUND POINT (Access/Standard Cab)

: Parts Location

Code	See Page	Code	See Page	Code	See Page
J3	62	J18	59 (1GR–FE)	J27 B	62
J7	62	J23 A	62	J66 A	62
J13	62	J24 B	62	J67 B	62
J18	57 (2UZ–FE)	J26 A	62	J83	66 (*5)

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
2	24	Engine Room R/B (Engine Compartment Left)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	26 (*1)	Roof Wire and Driver Side J/B (Lower Finish Panel)
	30 (*2)	
1J	26 (*1)	Cowl Wire and Driver Side J/B (Lower Finish Panel)
	30 (*2)	
1L	27 (*1)	
1N	31 (*2)	

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EC1	80 (2UZ–FE)	Engine No.2 Wire and Engine Wire (Near the Starter)
ED1	80 (2UZ–FE)	Engine No.2 Wire and Differential Wire (Near the Transmission)
IA9	82	Engine Room Main Wire and Cowl Wire (Left Kick Panel)
IB3	82	Front Door LH Wire and Cowl Wire (Left Kick Panel)
ID2	82	Cigarette Lighter Wire and Cowl Wire (Instrument Panel Brace LH)
IE1	83	Engine Wire and Cowl Wire (Right Side of Instrument Panel)
IE4		
IF3	83	Front Door RH Wire and Cowl Wire (Right Kick Panel)
IG1	83	Cowl Wire and Instrument Panel No.2 Wire (Instrument Panel Brace RH)
IH1	83	Cowl Wire and Floor No.3 Wire (Instrument Panel Brace RH)
BB4	84 (*3)	Frame Wire and Cowl Wire (Under the Driver's Seat)
	85 (*4)	
BE2	84 (*3)	Floor No.2 Wire and Cowl Wire (Center of Left Rocker Panel)
BF2	84 (*3)	Floor No.1 Wire and Cowl Wire (Center of Right Rocker Panel)
BG2	84 (*3)	Floor No.2 Wire and Rear Door No.2 Wire (Under the Left Quarter Panel)
BH1	84 (*3)	Floor No.1 Wire and Rear Door No.1 Wire (Under the Right Quarter Panel)
BI2	86 (*5)	Cowl Wire and Seat No.2 Wire (Under the Driver's Seat)
	88 (*7)	
BK1	84 (*3)	Frame Wire and Frame No.3 Wire (Near the License Plate Light)
	85 (*4)	
BT1	88 (*7)	Cowl Wire and Seat No.1 Wire (Under the Front Passenger's Seat)
BT2	87 (*6)	Seat No.1 Wire and Cowl Wire (Under the Front Passenger's Seat)
BT3	86 (*5)	

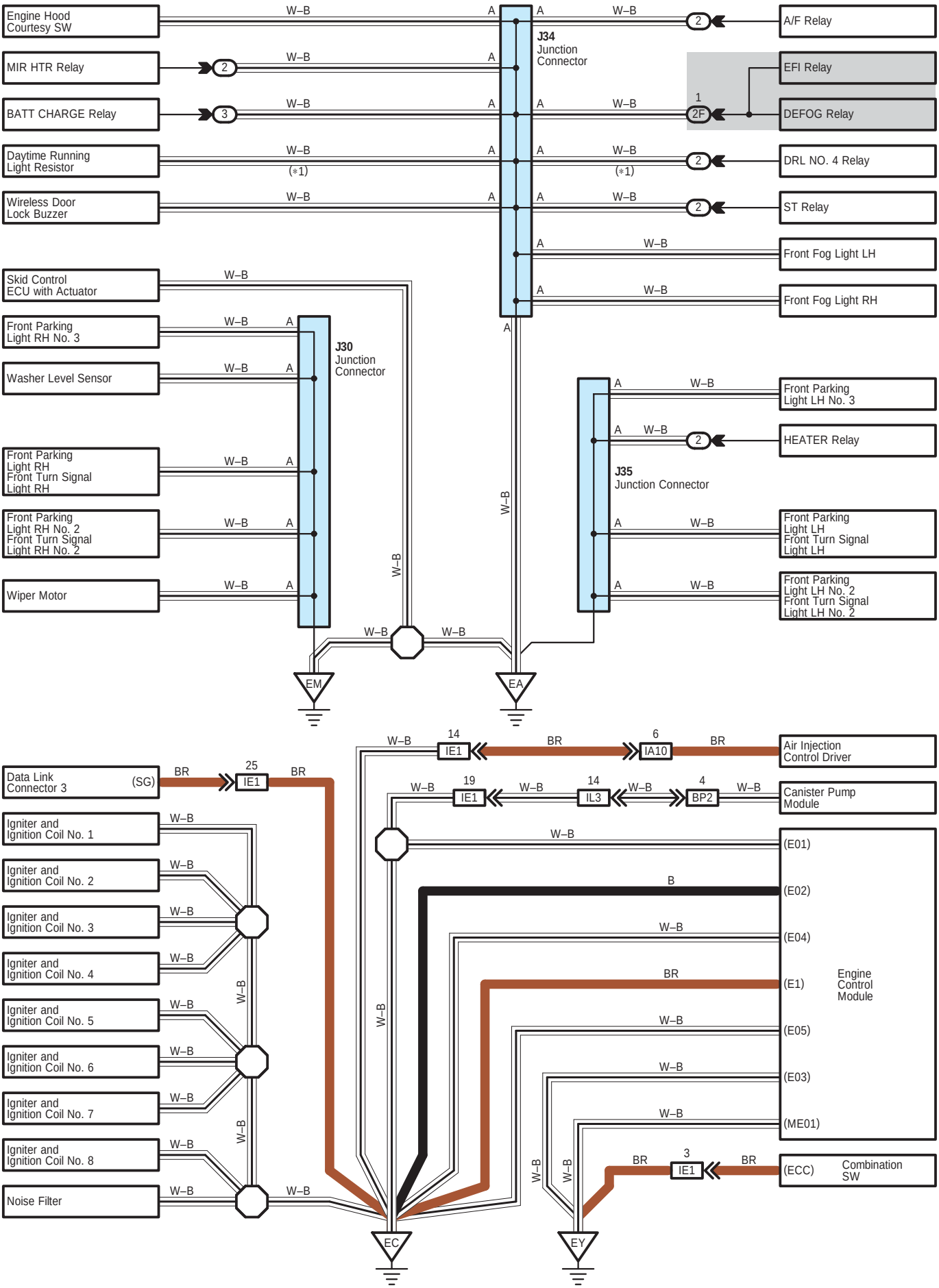
* 1 : w/o Daytime Running Light * 2 : w/ Daytime Running Light * 3 : Access Cab * 4 : Standard Cab * 5 : Access Cab Captain Seat
* 6 : Access Cab Separate Seat * 7 : Standard Cab Bench Seat

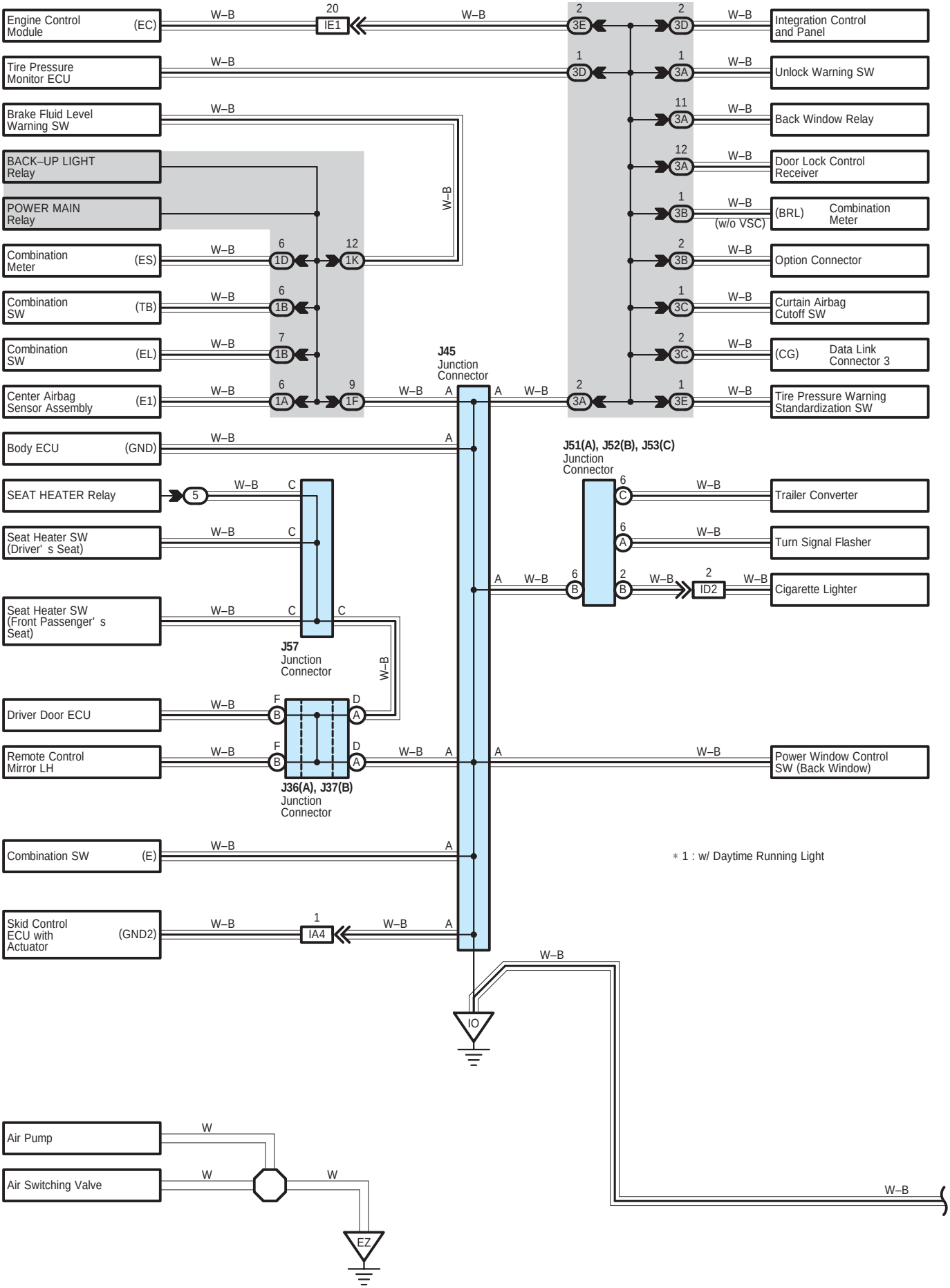
▽ : **Ground Points**

Code	See Page	Ground Points Location
EA	80 (2UZ–FE)	Front Left Fender
	81 (1GR–FE)	
EC	80 (2UZ–FE)	Rear Bank of Left Cylinder Head
ET	80 (2UZ–FE)	Front Right Fender
	81 (1GR–FE)	
EU	81 (1GR–FE)	Rear Bank of Right Cylinder Head
EV	81 (1GR–FE)	Rear Bank of Left Cylinder Head
EW	80 (2UZ–FE)	Front Left Side of Cylinder Head
EX	80 (2UZ–FE)	Left Side of Cylinder Block
IE	82	Left Kick Panel
IF		
IG	82	Instrument Panel Brace RH
IH	82	Right Kick Panel
II		
BJ	84 (*3)	Inside of Rear Door LH
BK	84 (*3)	Inside of Rear Door RH
BL	84 (*3)	Surrounding of the Front of the Fuel Tank
	85 (*4)	

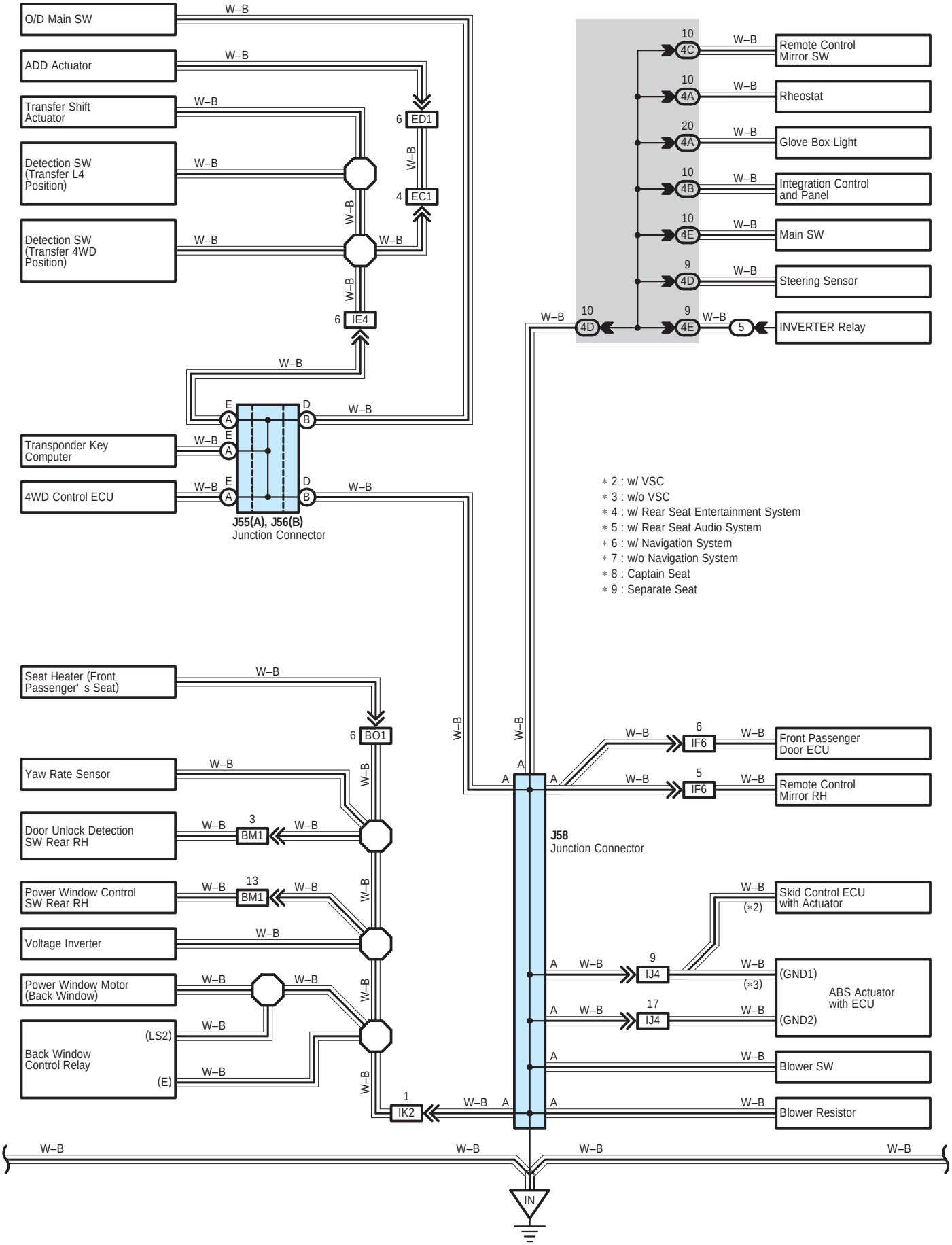
* 1 : w/o Daytime Running Light * 2 : w/ Daytime Running Light * 3 : Access Cab * 4 : Standard Cab * 5 : Access Cab Captain Seat
* 6 : Access Cab Separate Seat * 7 : Standard Cab Bench Seat

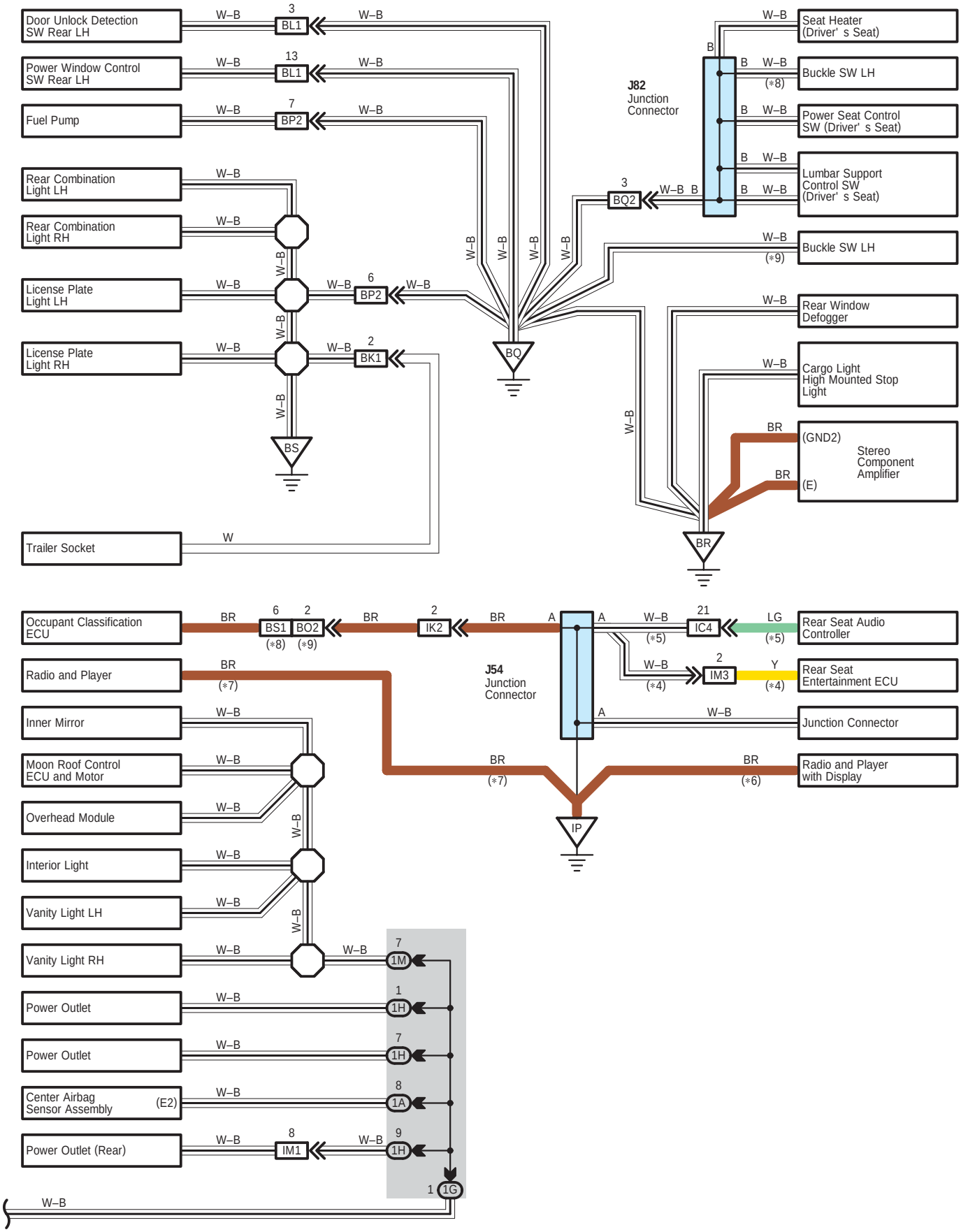
I GROUND POINT (Double Cab)




Engine Control Module (EC)
Tire Pressure Monitor ECU
Brake Fluid Level Warning SW
BACK–UP LIGHT Relay
POWER MAIN Relay
Combination Meter (ES)
Combination SW (TB)
Combination SW (EL)
Center Airbag Sensor Assembly (E1)
Body ECU (GND)
SEAT HEATER Relay
Seat Heater SW (Driver' s Seat)
Seat Heater SW (Front Passenger' s Seat)
Driver Door ECU
Remote Control Mirror LH
Combination SW (E)
Skid Control ECU with Actuator (GND2)
Air Pump
Air Switching Valve
W–B
W
J45 Junction Connector
J57 Junction Connector
J36(A), J37(B) Junction Connector
J51(A), J52(B), J53(C) Junction Connector
Integration Control and Panel
Unlock Warning SW
Back Window Relay
Door Lock Control Receiver
(BRL) Combination Meter
(w/o VSC)
Option Connector
Curtain Airbag Cutoff SW
(CG) Data Link Connector 3
Tire Pressure Warning Standardization SW
Trailer Converter
Turn Signal Flasher
Cigarette Lighter
Power Window Control SW (Back Window)
IO
EZ
∗ 1 : w/ Daytime Running Light

I GROUND POINT (Double Cab)




Door Unlock Detection SW Rear LH
Power Window Control SW Rear LH
Fuel Pump
Rear Combination Light LH
Rear Combination Light RH
License Plate Light LH
License Plate Light RH
Trailer Socket
BL1
BP2
BK1
BS
BQ
J82 Junction Connector
BQ2
Seat Heater (Driver' s Seat)
Buckle SW LH
(*8)
Power Seat Control SW (Driver' s Seat)
Lumbar Support Control SW (Driver' s Seat)
Buckle SW LH
(*9)
Rear Window Defogger
Cargo Light High Mounted Stop Light
(GND2)
(E)
Stereo Component Amplifier
BR
Occupant Classification ECU
BS1
BO2
IK2
IC4
Rear Seat Audio Controller
(*5)
Radio and Player
(*7)
J54 Junction Connector
IM3
Rear Seat Entertainment ECU
(*4)
Inner Mirror
Junction Connector
Moon Roof Control ECU and Motor
Overhead Module
Interior Light
Vanity Light LH
Vanity Light RH
Radio and Player with Display
(*6)
IP
1M
1H
1A
1G
Power Outlet
Power Outlet
Center Airbag Sensor Assembly
(E2)
Power Outlet (Rear)
IM1
W–B
W
BR
LG
Y

I GROUND POINT (Double Cab)

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
J30	71	J45	74	J55 A	74
J34	71	J51 A	74	J56 B	74
J35	71	J52 B	74	J57	74
J36 A	74	J53 C	74	J58	74
J37 B	74	J54	74	J82	78 (*1)

▭ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
2	42	Engine Room R/B No.2 (Engine Compartment Left)
3	43	Engine Room R/B No.3 (Engine Compartment Left)
5	43	Driver Side R/B (Under the Instrument Panel J/B)

▭ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	49	Cowl Wire and Driver Side J/B (Lower Finish Panel)
1B		
1D		
1F		
1G		
1H		
1K	49	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1M	49	Roof Wire and Driver Side J/B (Lower Finish Panel)
2F	45	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
3A	52	Cowl Wire and Sub J/B No.3 (Upper the Accelerator Pedal)
3B		
3C		
3D		
3E		
4A	54	Cowl Wire and Sub J/B No.4 (Upper the Accelerator Pedal)
4B		
4C		
4D		
4E		

* 1 : Captain Seat * 2 : Separate Seat

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EC1	90	Engine No.2 Wire and Engine Wire (Near the Starter)
ED1	90	Engine No.2 Wire and Differential Wire (Near the Transmission)
IA4	92	Engine Room Main Wire and Cowl Wire (Left Kick Panel)
IA10		
IC4	92	Cowl Wire and Roof Wire (Left Side of Instrument Panel)
ID2	92	Cigarette Lighter Wire and Cowl Wire (Instrument Panel Brace LH)
IE1	93	Engine Wire and Cowl Wire (Right Side of Instrument Panel)
IE4		
IF6	93	Front Door RH Wire and Cowl Wire (Right Kick Panel)
IJ4	93	Engine Room Main Wire and Cowl Wire (Cowl Side Panel RH)
IK2	93	Floor Wire and Cowl Wire (Right Kick Panel)
IL3	93	Floor No.2 Wire and Cowl Wire (Instrument Panel Brace RH)
IM1	92	Console Box Wire and Cowl Wire (Rear Console)
IM3		
BK1	94	Frame Wire and Frame No.3 Wire (Near the License Plate Light)
BL1	94	Rear Door No.1 Wire LH and Floor No.2 Wire (Left Side of Center Pillar)
BM1	94	Rear Door No.1 Wire RH and Floor Wire (Right Side of Center Pillar)
BO1	96 (*1)	Floor Wire and Seat No.1 Wire (Under the Front Passenger's Seat)
BO2	97 (*2)	Seat No.1 Wire and Floor Wire (Under the Front Passenger's Seat)
BP2	94	Frame Wire and Floor No.2 Wire (Under the Driver's Seat)
BQ2	96 (*1)	Floor No.2 Wire and Seat No.2 Wire (Under the Driver's Seat)
BS1	96 (*1)	Seat No.1 Wire and Floor Wire (Under the Front Passenger's Seat)

: Ground Points

Code	See Page	Ground Points Location
EA	90	Front Left Fender Apron
EC	90	Rear Bank of Left Cylinder Head
EM	90	Radiator Side Support RH
EY	90	Front Left Side of Cylinder Head
EZ	90	Left Side of Cylinder Block
IN	92	Right Kick Panel
IO	92	Left Kick Panel
IP	92	Instrument Panel Brace LH
BQ	94	Left Side of Center Pillar
BR	94	Back Panel Left
BS	94	Surrounding of the Front of the Fuel Tank

* 1 : Captain Seat * 2 : Separate Seat