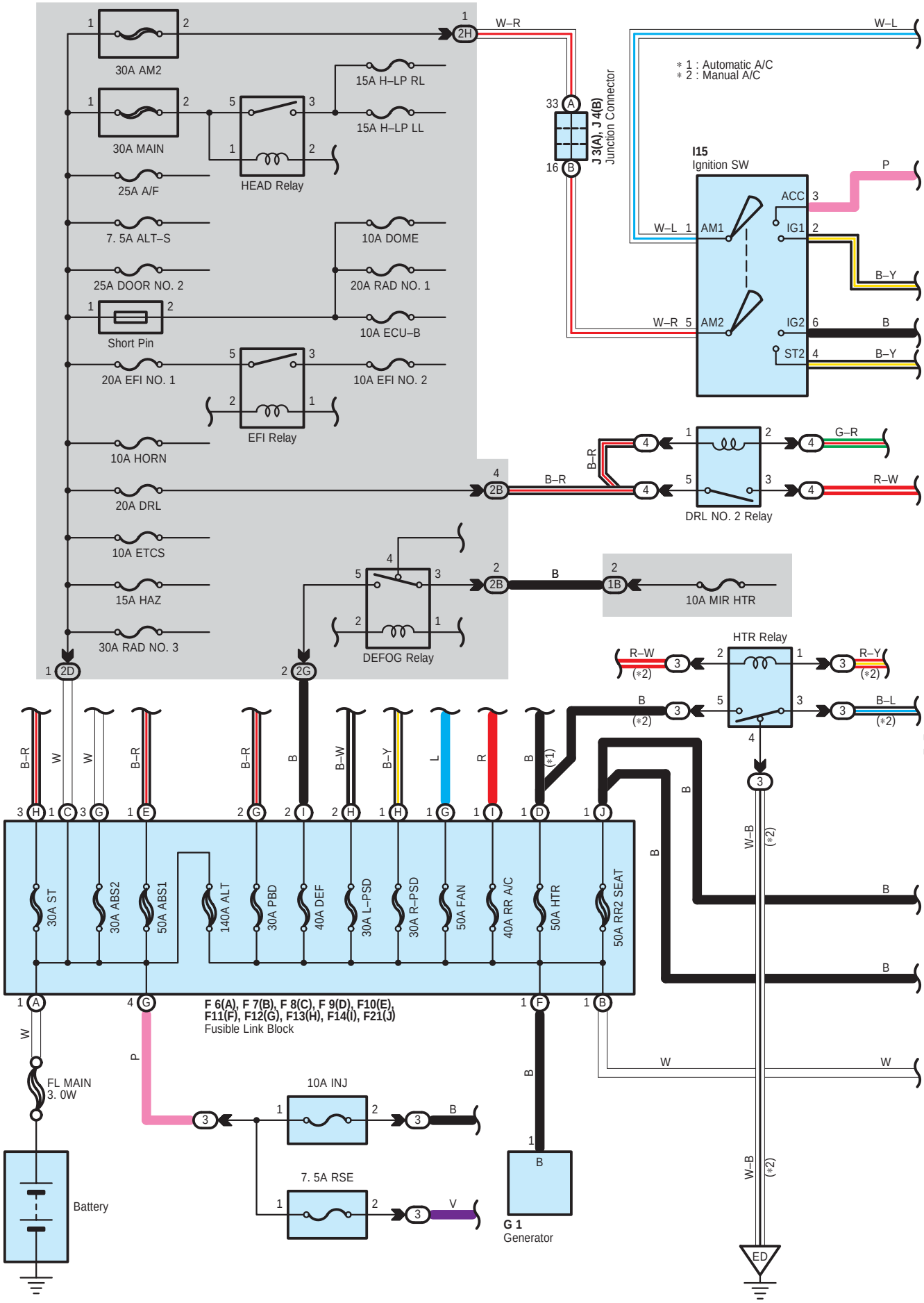
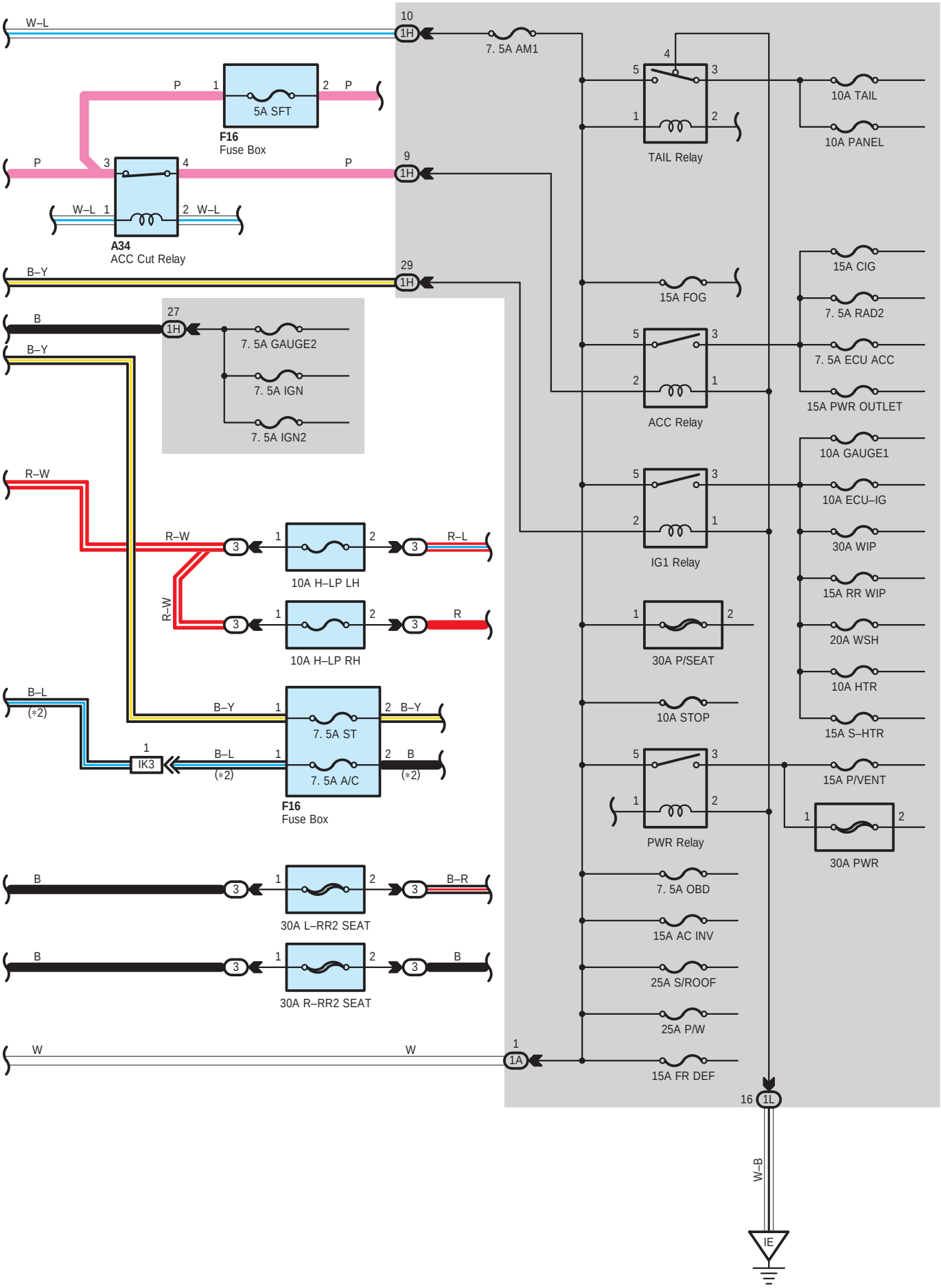


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Power Source

: Parts Location

Code		See Page	Code		See Page	Code		See Page
A34		38	F11	F	36	G1		36
F6	A	36	F12	G	36	I15		39
F7	B	36	F13	H	36	J3	A	40
F8	C	36	F14	I	36	J4	B	40
F9	D	36	F16		39			
F10	E	36	F21	J	36			

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
3	26	R/B No.3 (Engine Compartment Left)
4	27	R/B No.4 (Engine Compartment Left)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1B		
1H	30	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1L	31	
2B	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2D		
2G		
2H		

: Connector Joining Wire Harness and Wire Harness

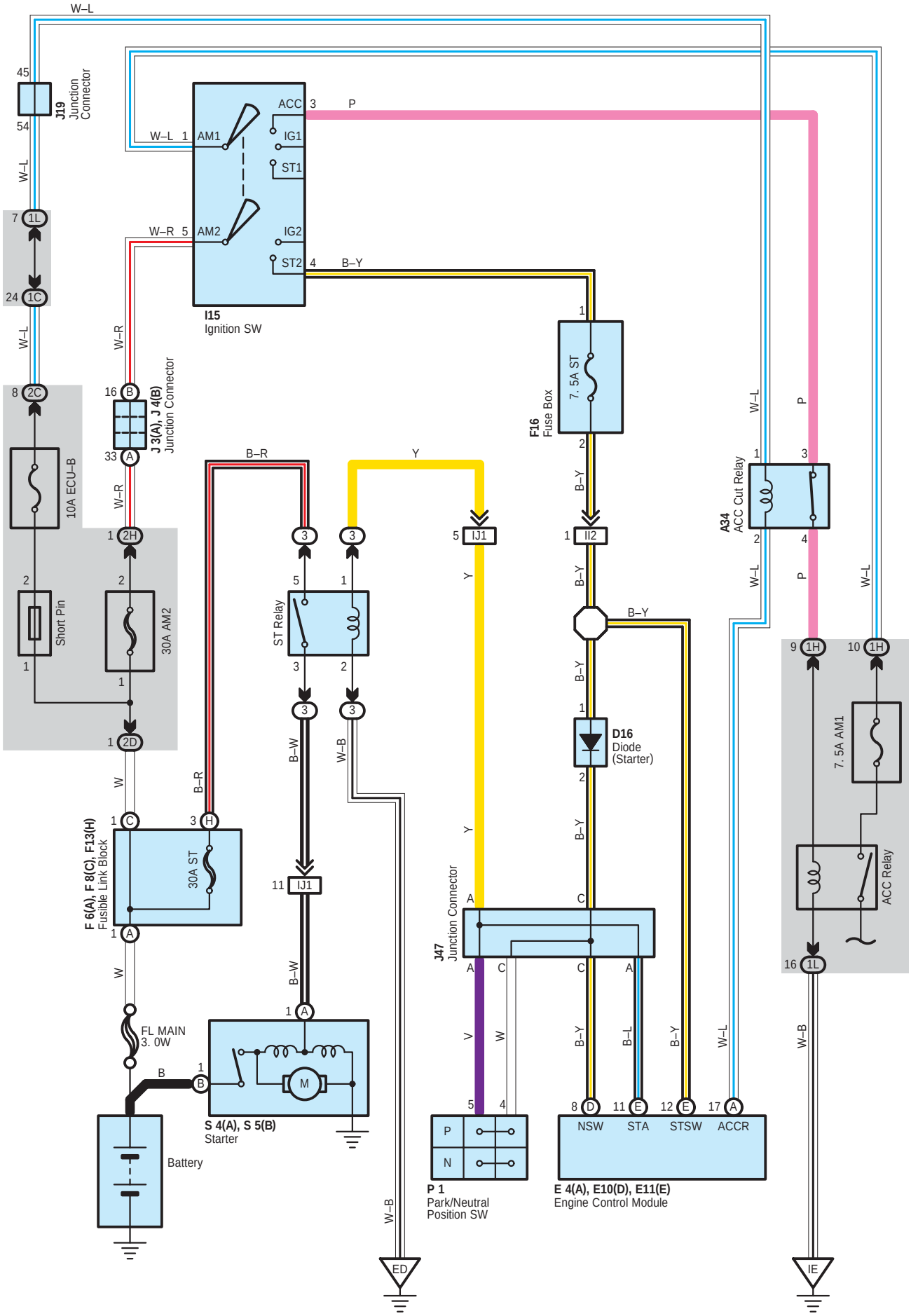
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IK3	53	Engine Room Main Wire and Instrument Panel Wire (Right Kick Panel)

: Ground Points

Code	See Page	Ground Points Location
ED	50	Front Side of the Left Fender Apron
IE	52	Left Kick Panel

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: Parts Location

Code	See Page	Code	See Page	Code	See Page
A34	38	F8 C	36	J19	40
D16	39	F13 H	36	J48	40
E4 A	39	F16	39	P1	37
E10 D	39	I15	39	S4 A	37
E11 E	39	J3 A	40	S5 B	37
F6 A	36	J4 B	40		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
3	26	R/B No.3 (Engine Compartment Left)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1H	30	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1L	31	
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2D		
2H		

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
II2	53	Engine Wire and Instrument Panel Wire (Right Kick Panel)
IJ1	53	Engine Wire and Engine Room Main Wire (Right Kick Panel)

: Ground Points

Code	See Page	Ground Points Location
ED	50	Front Side of the Left Fender Apron
IE	52	Left Kick Panel

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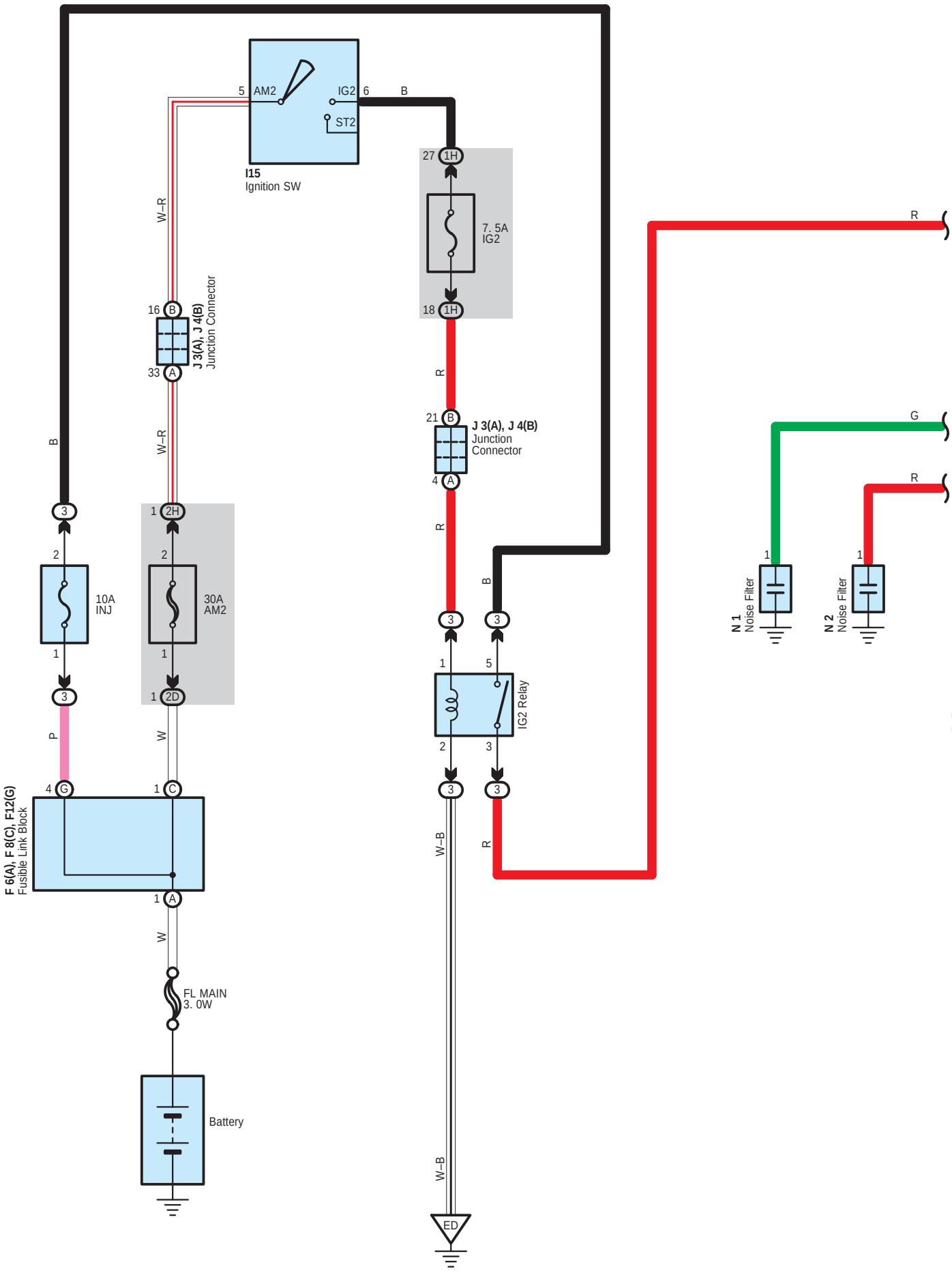
2007 SIENNA ELECTRICAL WIRING DIAGRAM SYSTEM CIRCUITS

	Page
ABS (w/ VSC)	262
ABS (w/o VSC)	270
Accessory Meter	302
Audio System (10 Speaker w/ Navigation System)	340
Audio System (10 Speaker w/o Navigation System)	348
Audio System (6 Speaker w/ Rear Seat Entertainment System)	354
Audio System (6 Speaker w/o Rear Seat Entertainment System)	360
Automatic Air Conditioning (Front)	374
Automatic Air Conditioning (Rear)	386
Automatic Glare–Resistant EC Mirror with Compass	312
Automatic Light Control	126
Back Door Closer	200
Back Door Opener (w/o Power Back Door)	206
Back–Up Light	156
Charging	72
Combination Meter	364
Cooling Fan	372
Cruise Control	256
Door Lock Control	212
Dynamic Laser Cruise Control	244
Electronically Controlled Transmission and A/T Indicator	236
Engine Control	76
Engine Immobiliser System	90
Fog Light	124
Front Window Deicer	332
Front Wiper and Washer	166
Garage Door Opener	302
Headlight	116
Headlight Beam Level Control	122
Horn	314
Ignition	68
Illumination	148
Interior Light	134
Key Reminder	158
Light Auto Turn Off System	128
Manual Air Conditioning (Front)	380
Manual Air Conditioning (Rear)	390
Mirror Heater	334
Moon Roof	288
Multiplex Communication System (BEAN)	98
Multiplex Communication System (BEAN Bus)	96
Multiplex Communication System (CAN)	94
Navigation System	340
Parking Assist (Intuitive Parking Assist)	336
Parking Assist (Rear View Monitor)	340
Power Back Door	194
Power Outlet (115V)	306

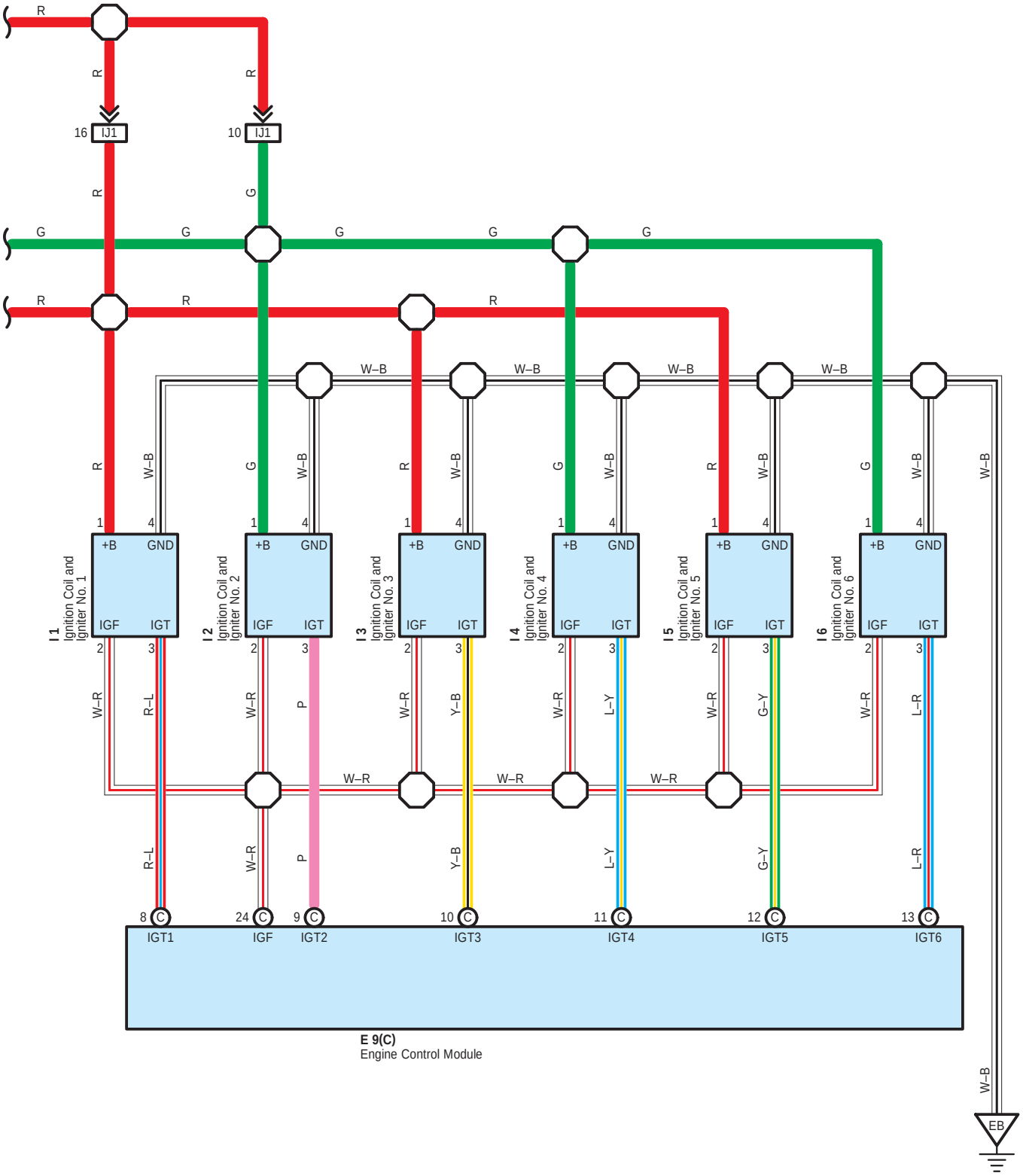
Toyota Repair Manuals

	Page
Power Outlet (12V Front)	308
Power Outlet (12V Rear)	310
Power Rear No.2 Seat with Stowing Function	324
Power Rear Quarter Window	210
Power Seat (Driver's Seat w/ Driving Position Memory)	316
Power Seat (Driver's Seat w/o Driving Position Memory)	320
Power Seat (Front Passenger's Seat)	322
Power Slide Door LH	180
Power Slide Door RH	186
Power Source	62
Power Window (w/ Jam Protection)	172
Power Window (w/o Jam Protection)	176
Rear Window Defogger	332
Rear Wiper and Washer	170
Remote Control Mirror (w/ Driving Position Memory)	294
Remote Control Mirror (w/o Driving Position Memory)	300
Seat Belt Warning	162
Seat Heater	330
Shift Lock	292
Slide Door Closer	192
SRS	275
Starting	66
Stop Light	154
Taillight	144
Theft Deterrent	228
Tire Pressure Warning System	284
TRAC	262
Turn Signal and Hazard Warning Light	130
VSC	262
Wireless Door Lock Control	220

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: Parts Location

Code		See Page	Code	See Page	Code		See Page
E9	C	39	I2	37	I15		39
F6	A	36	I3	37	J3	A	40
F8	C	36	I4	37	J4	B	40
F12	G	36	I5	37	N1		37
I1		37	I6	37	N2		37

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
3	26	R/B No.3 (Engine Compartment Left)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1H	30	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
2D	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2H		

: Connector Joining Wire Harness and Wire Harness

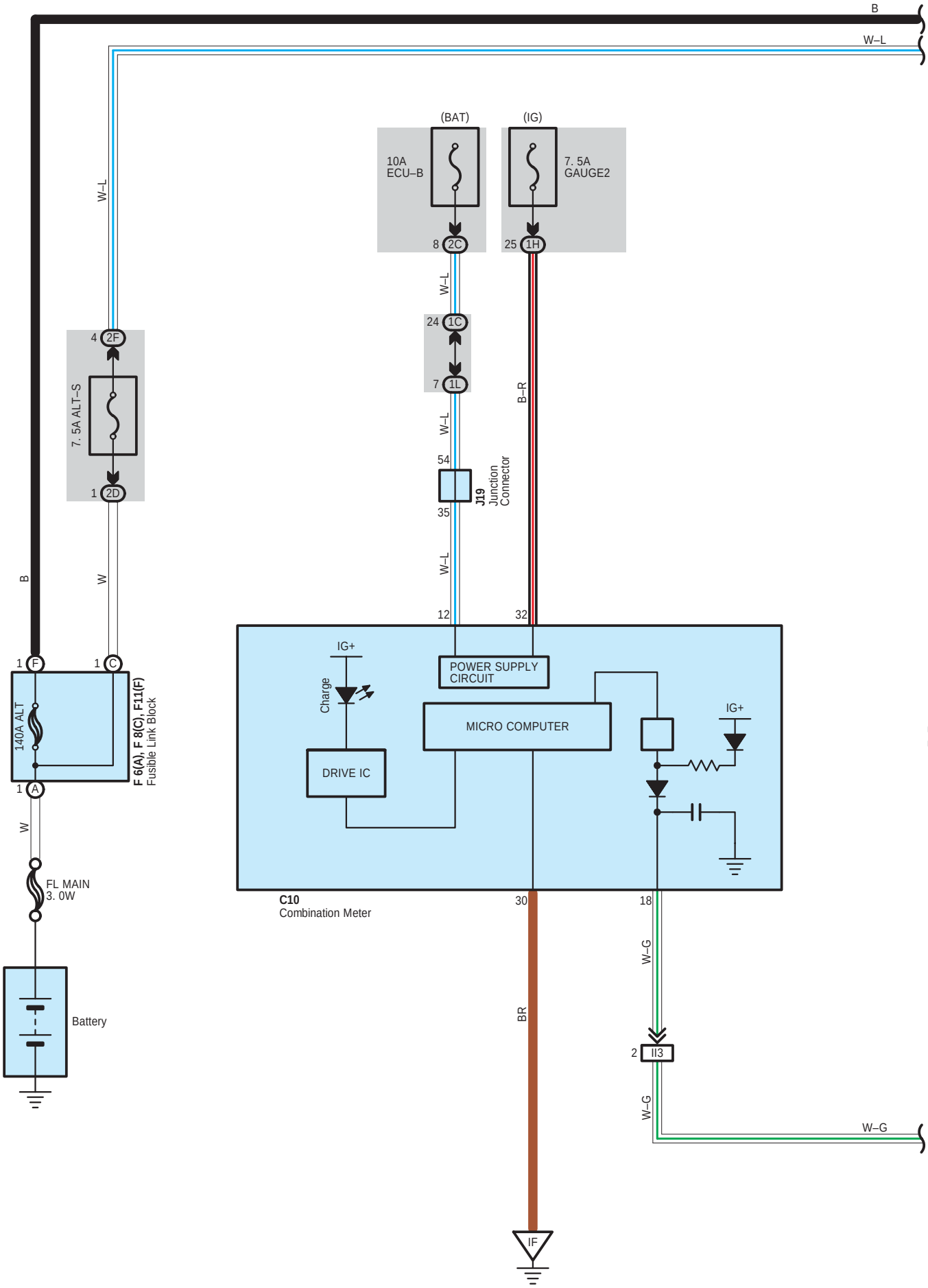
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IJ1	53	Engine Wire and Engine Room Main Wire (Right Kick Panel)

: Ground Points

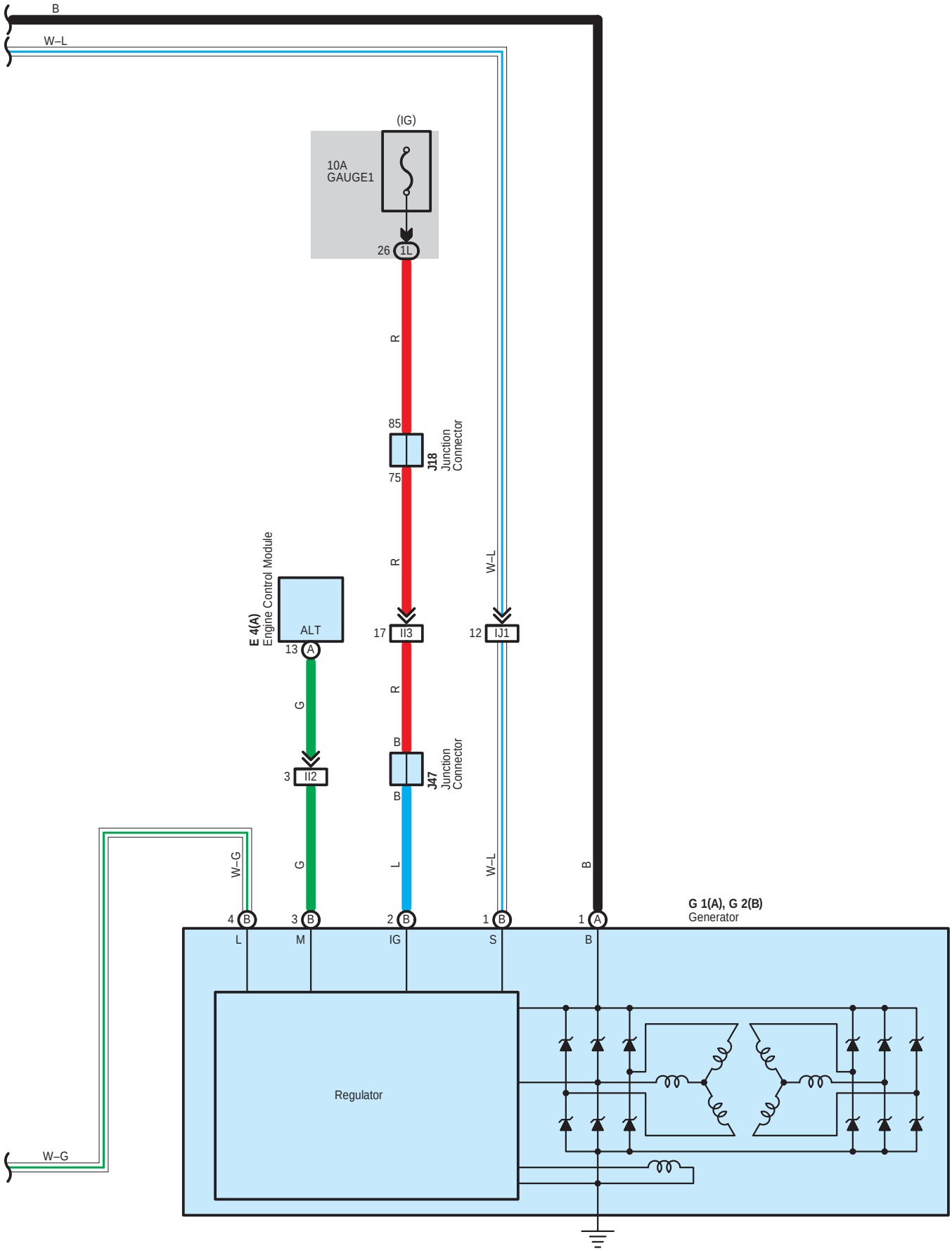
Code	See Page	Ground Points Location
EB	50	Rear Bank of Right Cylinder Head
ED	50	Front Side of the Left Fender Apron

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○ : Parts Location

Code		See Page	Code		See Page	Code	See Page
C10		39	F11	F	36	J19	40
E4	A	39	G1	A	36	J47	40
F6	A	36	G2	B	36		
F8	C	36	J18		40		

⬭ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1H	30	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1L	31	
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2D		
2F		

▭ : Connector Joining Wire Harness and Wire Harness

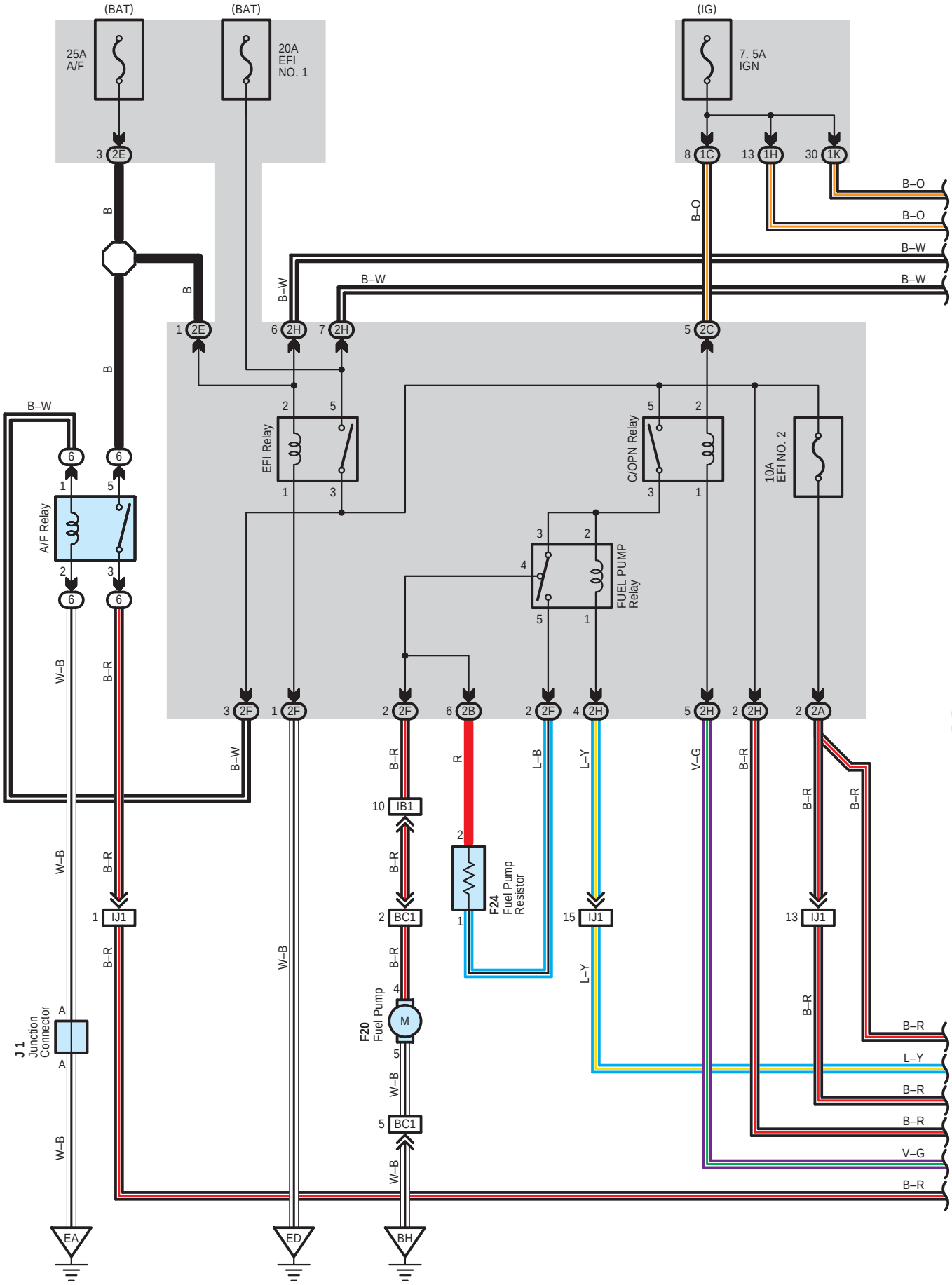
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
II2	53	Engine Wire and Instrument Panel Wire (Right Kick Panel)
II3		
IJ1	53	Engine Wire and Engine Room Main Wire (Right Kick Panel)

▽ : Ground Points

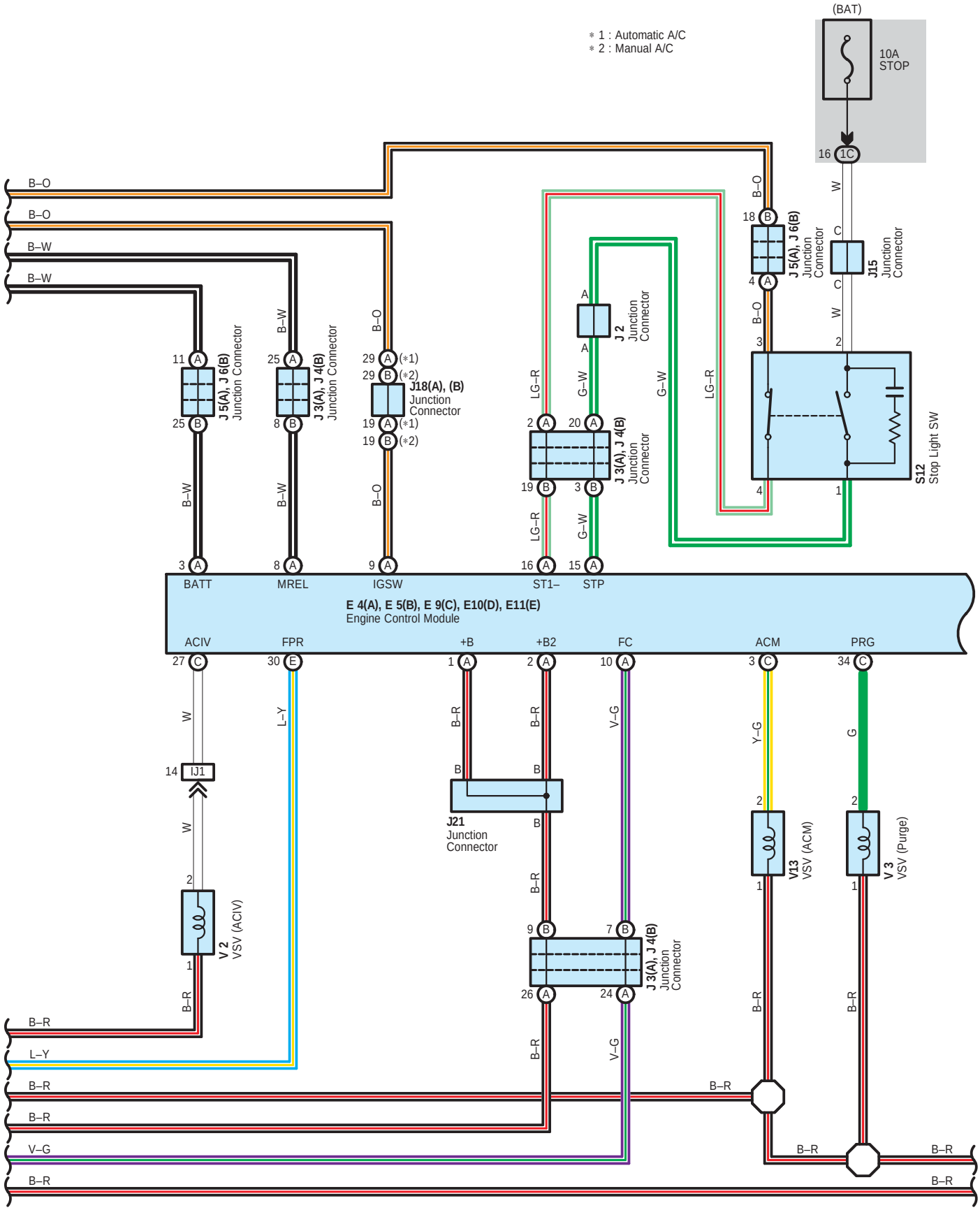
Code	See Page	Ground Points Location
IF	52	Instrument Panel Brace LH

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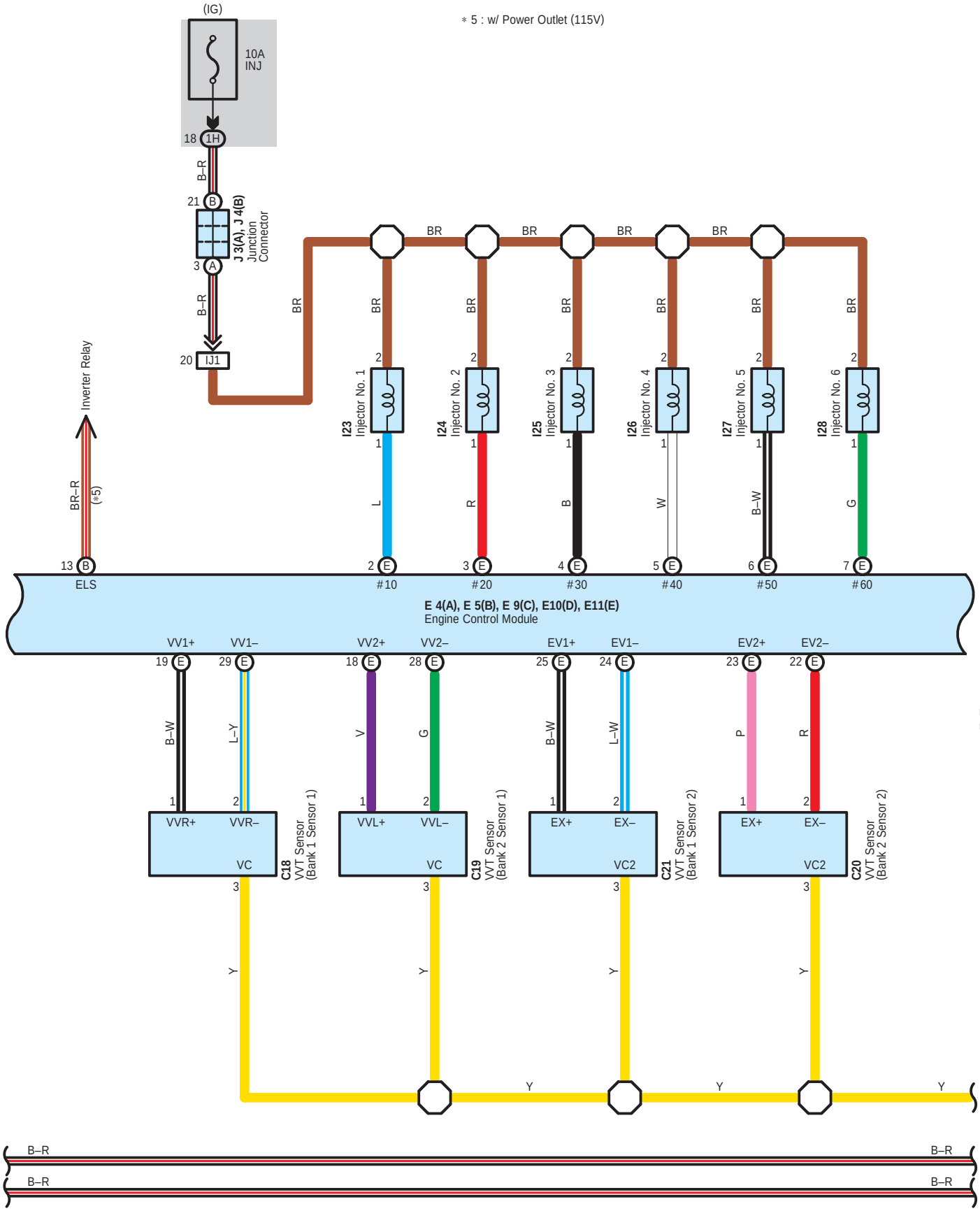
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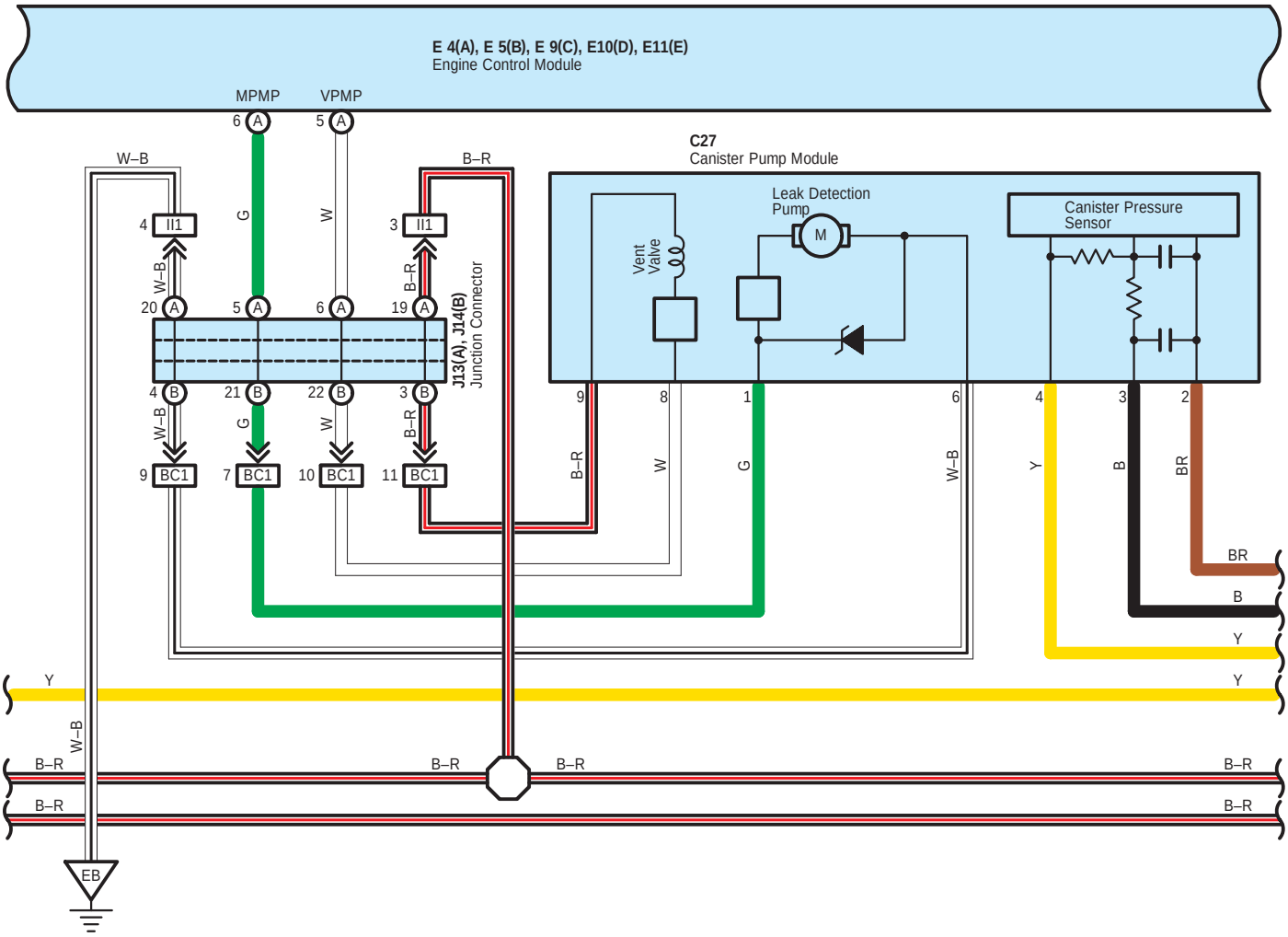
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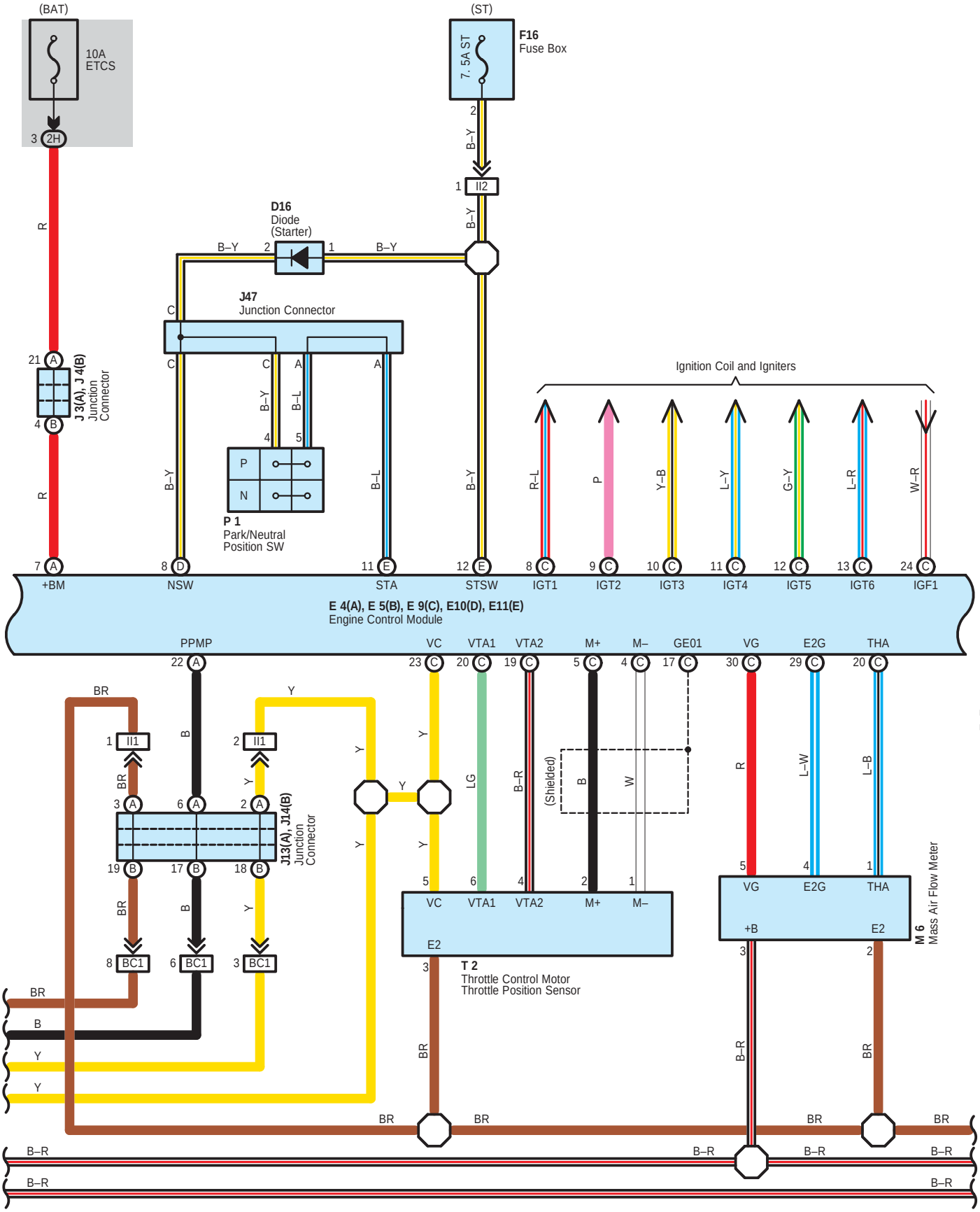
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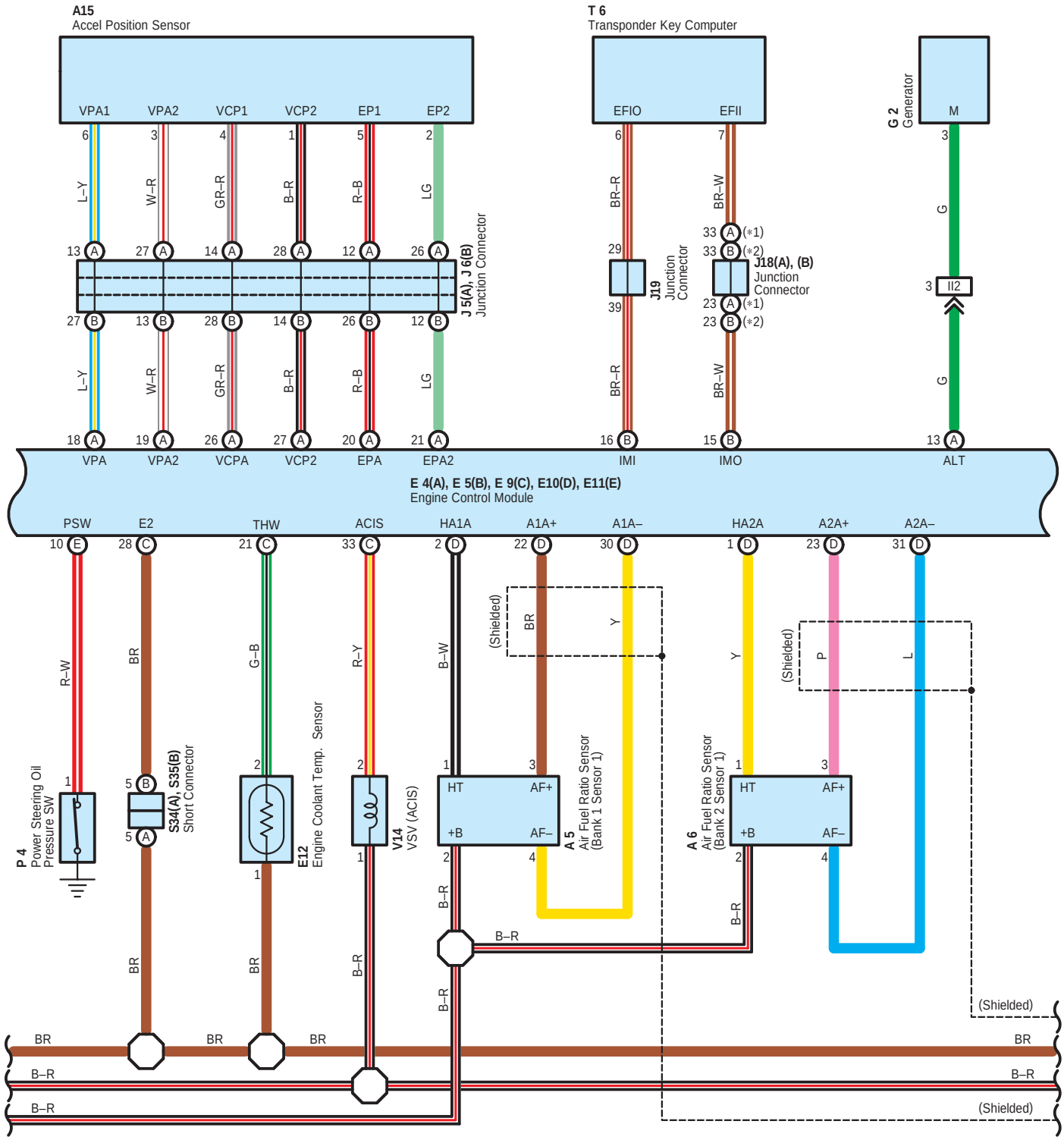


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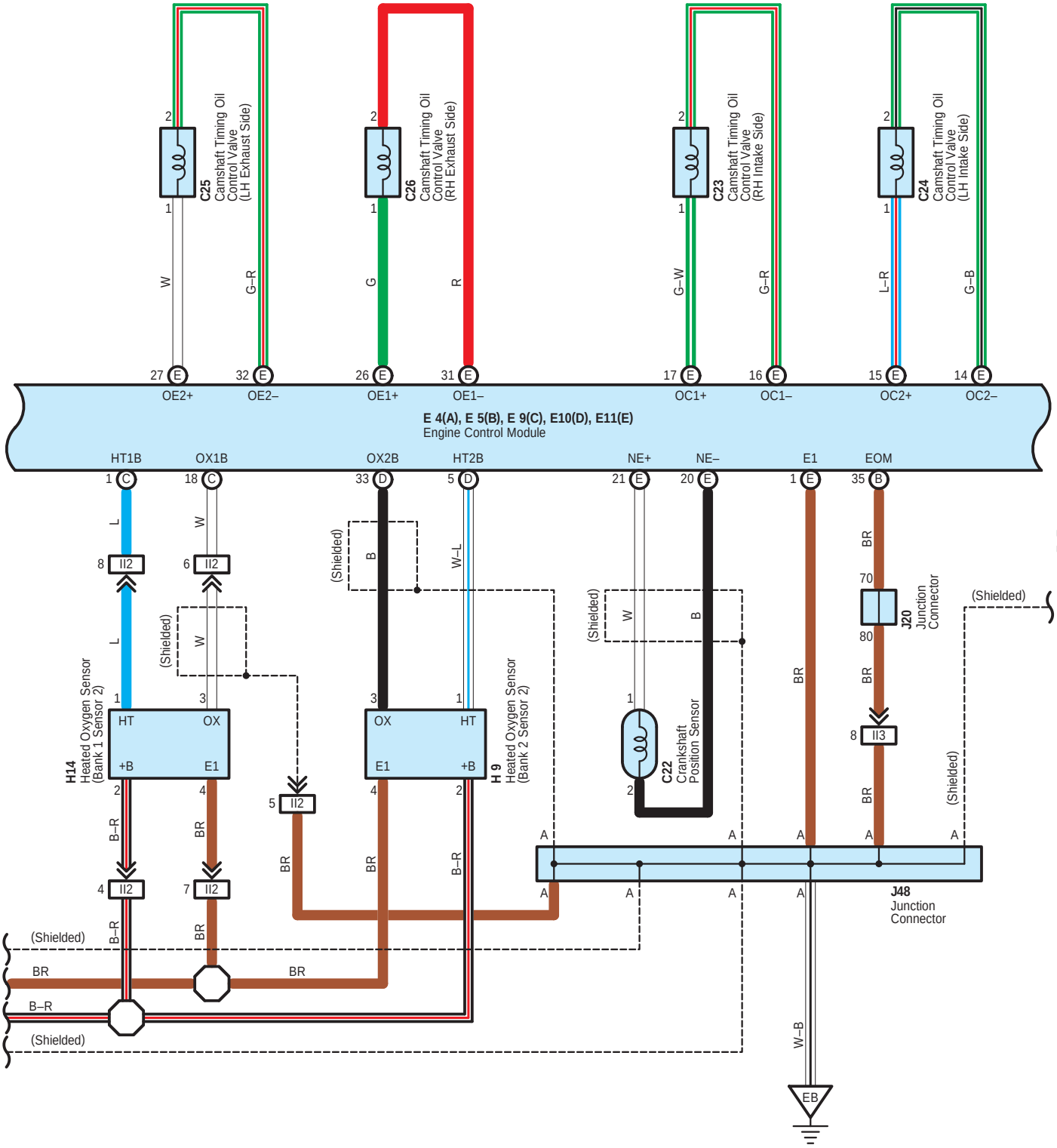
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∗ 1 : Automatic A/C
∗ 2 : Manual A/C

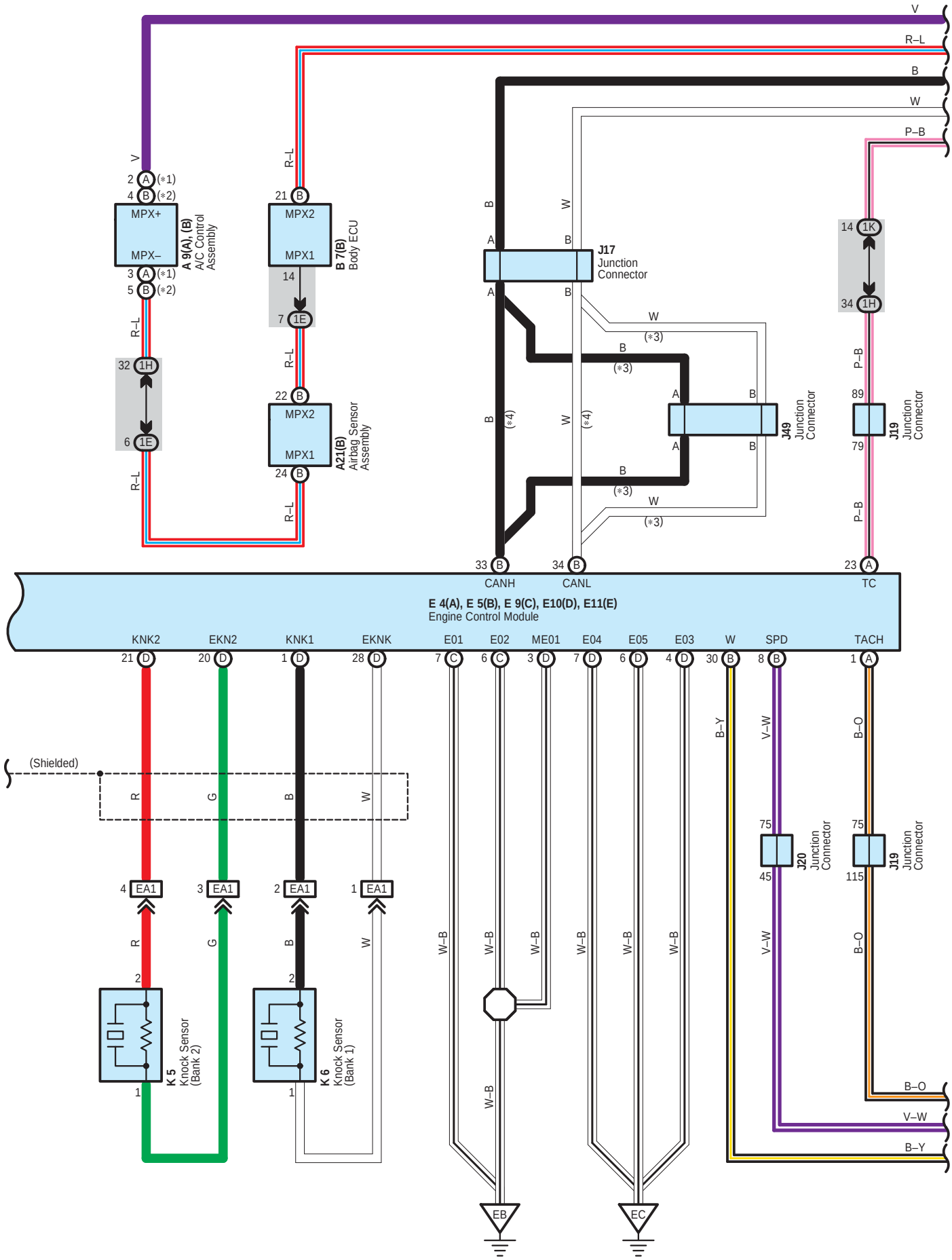


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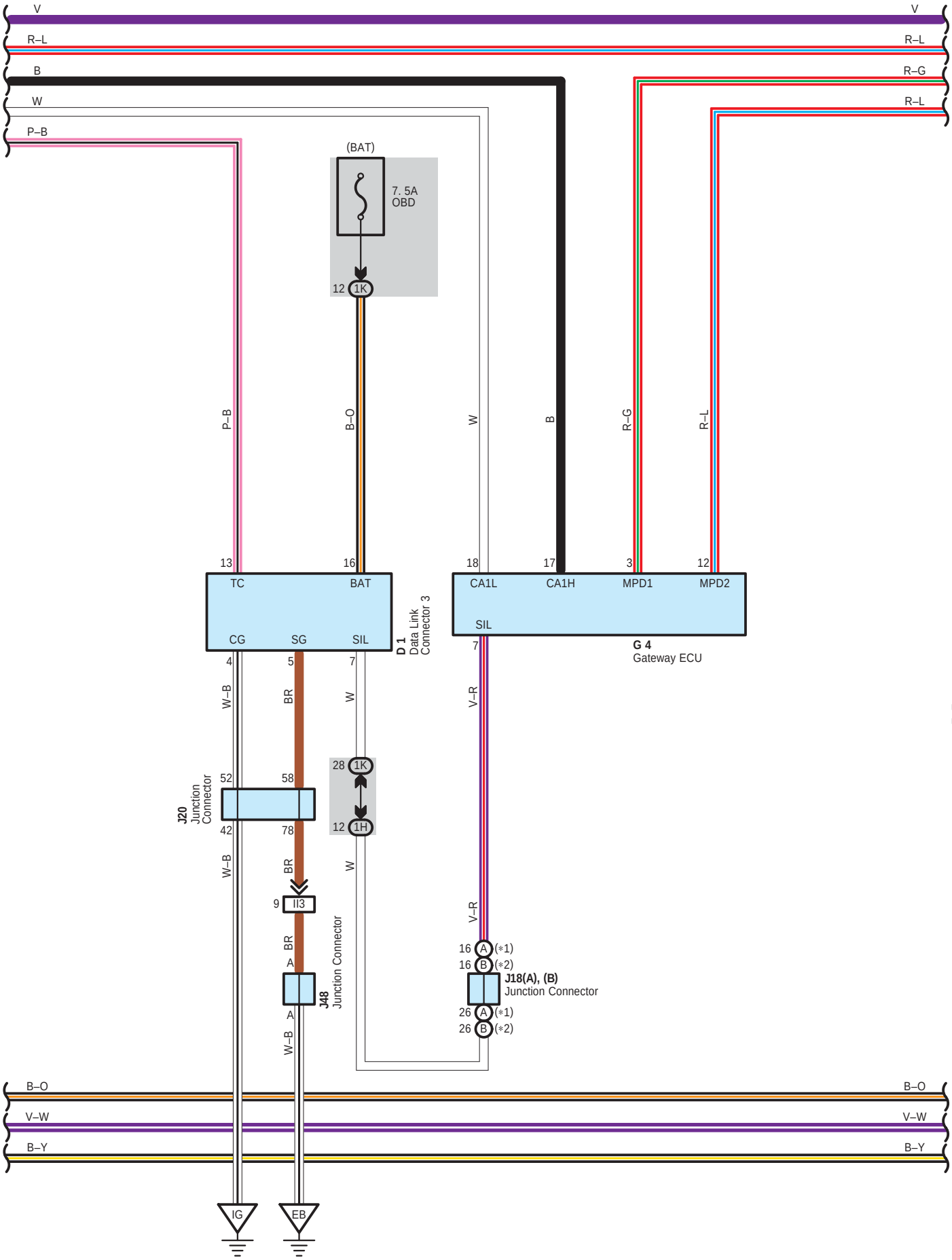
* 1 : Automatic A/C
* 2 : Manual A/C
* 3 : w/ VSC
* 4 : w/o VSC



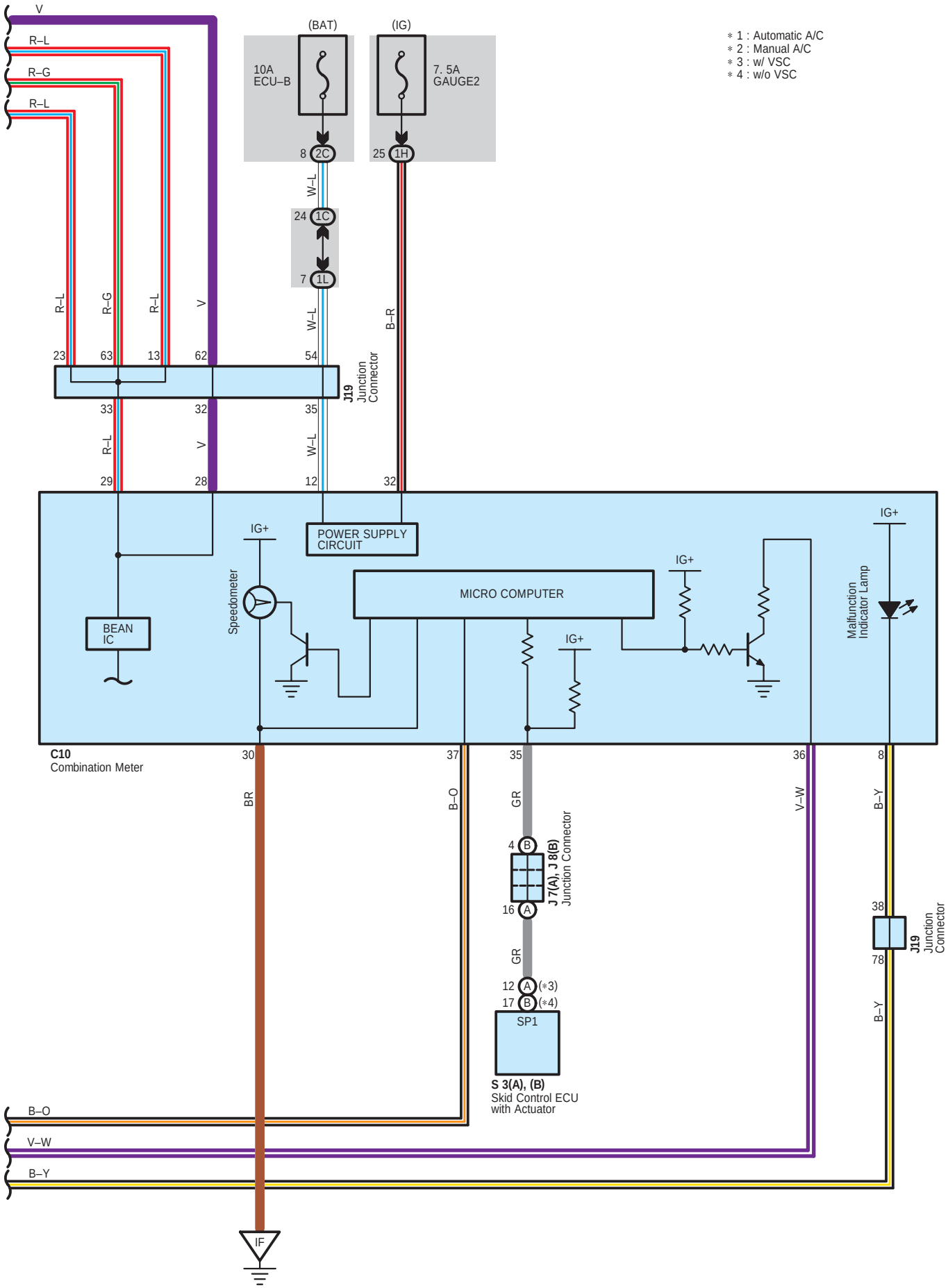
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System Outline

The engine control system utilizes a microcomputer and maintains overall control of the engine, transaxle etc. An outline of the engine control is given here.

1. Input Signals

(1) Water temp. signal circuit

The water temp. sensor detects the engine coolant temp. and has a built–in thermistor with a resistance which varies according to the engine coolant temp. The engine coolant temp. is input into TERMINAL THW of the engine control module as a control signal.

(2) Intake air temp. signal circuit

The intake air temp. sensor is installed in the mass air flow meter and detects the intake air temp., which is input as a control signal to TERMINAL THA of the engine control module.

(3) Oxygen sensor signal circuit

The oxygen density in the exhaust emission is detected and is input as a control signal from the heated oxygen sensors to TERMINALS OX1B and OX2B of the engine control module.

(4) RPM signal circuit

Camshaft position is detected by the VVT sensor (Bank 1 exhaust side, bank 1 intake side, bank 2 exhaust side and back 2 intake side), and their signals are input to TERMINALS EV1+, EV2+, VV1+ and VV2+ of the engine control module as control signals. Also, the engine RPM is detected by the crankshaft position sensor installed in the cylinder block and the signal is input into TERMINAL NE+ of the engine control module as a control signal.

(5) Throttle position sensor signal circuit

The throttle position sensor detects the throttle valve opening angle as a control signal, which is input into TERMINALS VTA1 and VTA2 of the engine control module.

(6) Vehicle speed circuit

The vehicle speed sensor detects the vehicle speed, and the signal is input into TERMINAL SPD of the engine control module via the combination meter, from TERMINAL SP1 of the skid control ECU with actuator.

(7) Battery signal circuit

Voltage is constantly applied to TERMINAL BATT of the engine control module. When the power SW is pushed on, the voltage for engine control module start–up power supply is applied to TERMINAL +B and +B2 of engine control module via EFI relay.

(8) Intake air volume signal circuit

The intake air volume is detected by the mass air flow meter, and is input as a control signal to TERMINAL VG of the engine control module.

(9) Stop lamp SW signal circuit

The stop lamp SW is used to detect whether the vehicle is braking or not, and the signal is input into TERMINAL STP of the engine control module as a control signal.

(10) Starter signal circuit

To confirm whether the engine is cranking, the voltage applied to the starter motor when the engine is cranking is detected, and is input into TERMINAL STA of the engine control module as a control signal.

(11) Engine knock signal circuit

Engine knocking is detected by the knock control sensors, and is input into TERMINALS KNK1 and KNK2 of the engine control module as a control signal.

(12) Air fuel ratio signal circuit

The air fuel ratio is detected and input as a control signal into TERMINALS A1A+, A2A+ of the engine control module.

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2. Control System

* SFI system
  The SFI system monitors the engine condition through the signals input from each sensors to the engine control module. The control signal is sent to the engine control module TERMINALS #10, #20, #30, #40, #50 and #60 to operate the injector (Fuel injection). The SFI system controls the fuel injection by the engine control module in response to the driving conditions.
* ESA system
  The ESA system monitors the engine condition through the signals input from each sensors to the engine control module. The best ignition timing is decided according to this data and the data memorized in the engine control module. The control signal is output to TERMINALS IGT1, IGT2, IGT3, IGT4, IGT5 and IGT6, and these signals control the igniter to provide the best ignition timing.
* Heated oxygen sensor heater control system
  The heated oxygen sensor heater control system turns the heater on when the intake air volume is low (Temp. of exhaust emission is low), and warms up the heated oxygen sensors to improve their detection performance. The engine control module evaluates the signals from each sensors, and outputs current to TERMINALS HT1B or HT2B to control the heater.
* Air fuel ratio sensor heater control system
  The air fuel ratio sensor heater control system turns the heater on when the intake air volume is low (Temp. of exhaust emission is low), and warms up the air fuel ratio sensor to improve detection performance of the sensor.
  The engine control module evaluates the signals from each sensor, current is output to TERMINALS HA1A and HA2A, controlling the heater.
* ACIS
  The ACIS includes a valve in the bulkhead separating the surge tank into two parts. This valve is opened and closed in accordance with the driving conditions to control the intake manifold length in two stages, for increased engine output in all ranges from low to high speeds.
* ETCS–i
  The ETCS–i controls the engine output at its optimal level in accordance with the opening of the accelerator pedal, under all driving conditions.
* Dual VVT–i
  Dual VVT–i controls the intake and exhaust valve timing to the most appropriate levels in accordance with the engine conditions.

3. Diagnosis System

When there is a malfunction in the engine control module signal system, the malfunctioning system is recorded in the memory. The malfunctioning system can be found by reading the code displayed on the check engine indicator lamp.

4. Fail–Safe System

When a malfunction has occurred in any system, there is a possibility of causing engine trouble due to continued control based on that system. In that case, the fail–safe system either controls the system using the data (Standard values) recorded in the engine control module memory, or else stops the engine.

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○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
A5	36	E12	36	J17	40
A6	36	F16	39	J18 A	40
A9 A	38	F20	42	J18 B	40
A9 B	38	F24	36	J19	40
A15	38	G2	36	J20	40
A21 B	38	G4	39	J21	40
B7 B	38	H9	36	J48	40
C10	39	H14	39	J49	40
C18	36	I23	37	K5	37
C19	36	I24	37	K6	37
C20	36	I25	37	M6	37
C21	36	I26	37	P1	37
C22	36	I27	37	P4	37
C23	36	I28	37	S3 A	37
C24	36	J1	37	S3 B	37
C25	36	J2	37	S12	41
C26	36	J3 A	40	S34 A	41
C27	42	J4 B	40	S35 B	41
D1	39	J5 A	40	T2	37
D16	39	J6 B	40	T6	41
E4 A	39	J7 A	40	V2	37
E5 B	39	J8 B	40	V3	37
E9 C	39	J13 A	40	V13	37
E10 D	39	J14 B	40	V14	37
E11 E	39	J15	40		

▭ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
6	28	R/B No.6 (Engine Compartment Left)

▭ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1E	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1H	30	
1K	31	
1L		
2A	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2B		
2C		
2E		
2F		
2H		

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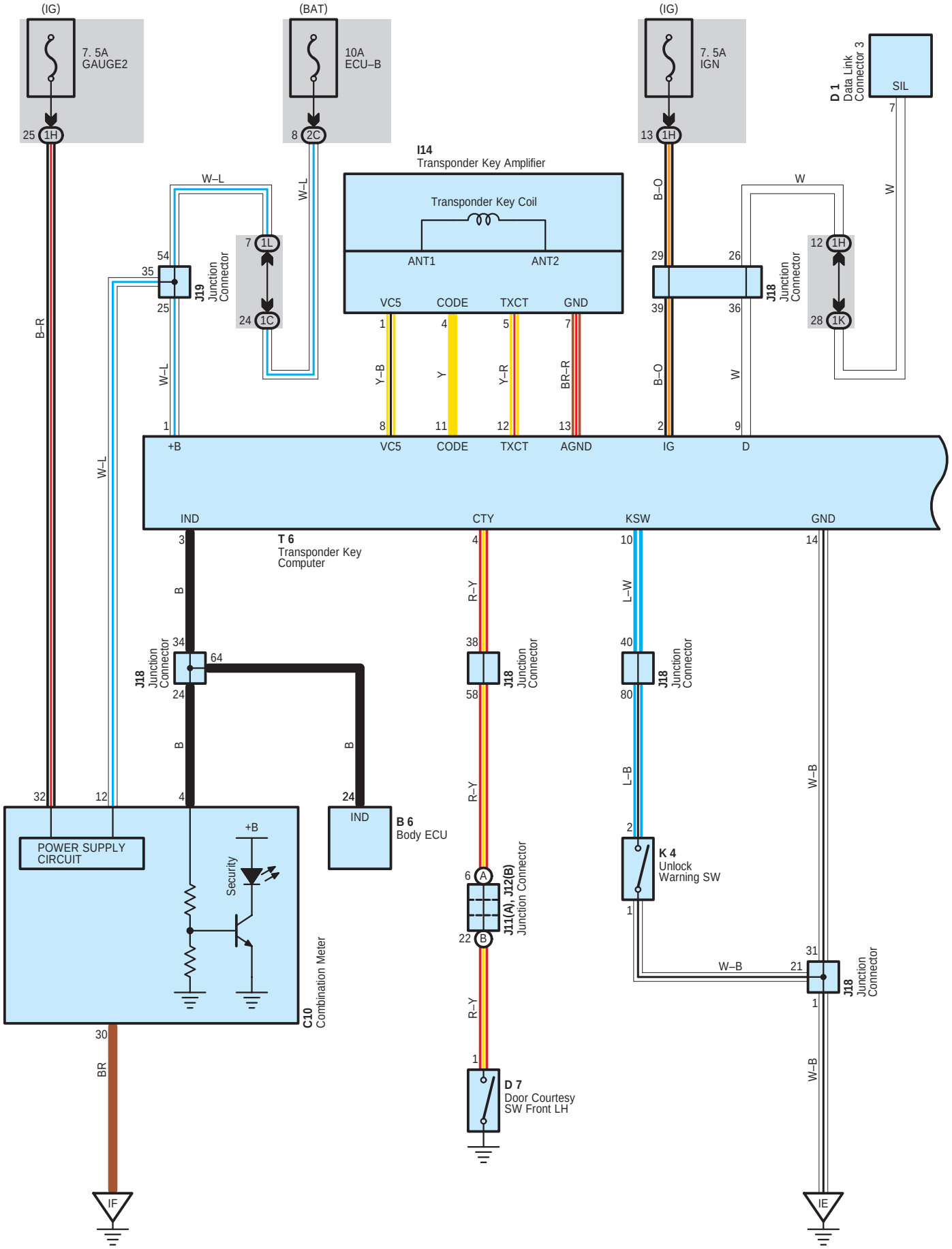
: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EA1	50	Engine Wire and Sensor Wire (Near the Cylinder Head of the Left Bank)
IB1	52	Engine Room Main Wire and Floor No.1 Wire (Left Cowl Side Panel)
II1	53	Engine Wire and Instrument Panel Wire (Right Kick Panel)
II2		
II3		
IJ1	53	Engine Wire and Engine Room Main Wire (Right Kick Panel)
BC1	54	Fuel Gauge Wire and Floor No.1 Wire (Near the Fuel Tank)

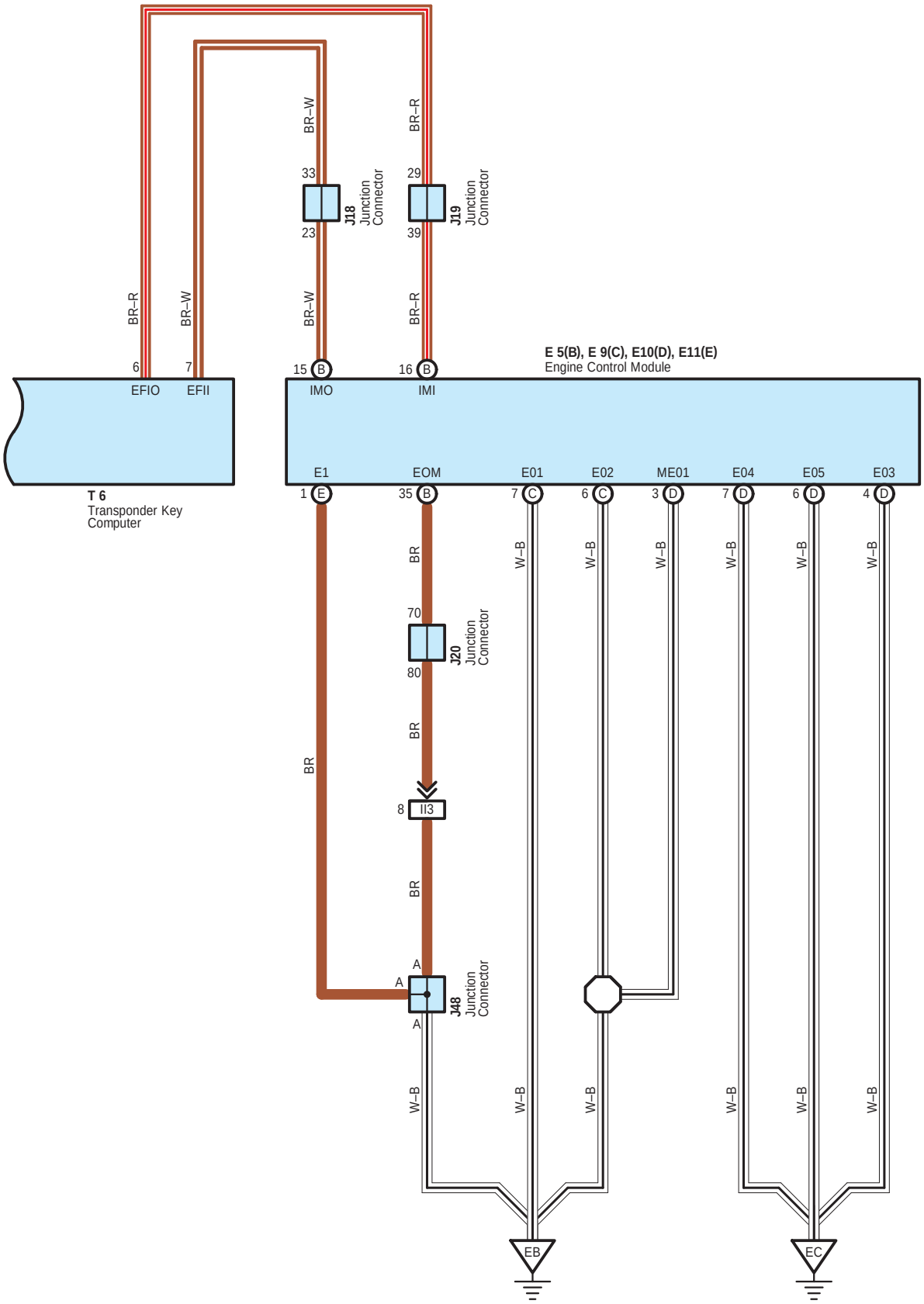
: Ground Points

Code	See Page	Ground Points Location
EA	50	Front Side of the Right Fender Apron
EB	50	Rear Bank of Right Cylinder Head
EC	50	Rear Bank of Left Cylinder Head
ED	50	Front Side of the Left Fender Apron
IF	52	Instrument Panel Brace LH
IG	52	Right Kick Panel
BH	54	Under the Left Center Pillar

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○ : Parts Location

Code		See Page	Code		See Page	Code	See Page
B6		38	E9	C	39	J18	40
C10		39	E10	D	39	J19	40
D1		39	E11	E	39	J20	40
D7		42	I14		39	J48	40
E4	A	39	J11	A	40	K4	40
E5	B	39	J12	B	40	T6	41

⬭ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1H	30	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1K	31	
1L		
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

▭ : Connector Joining Wire Harness and Wire Harness

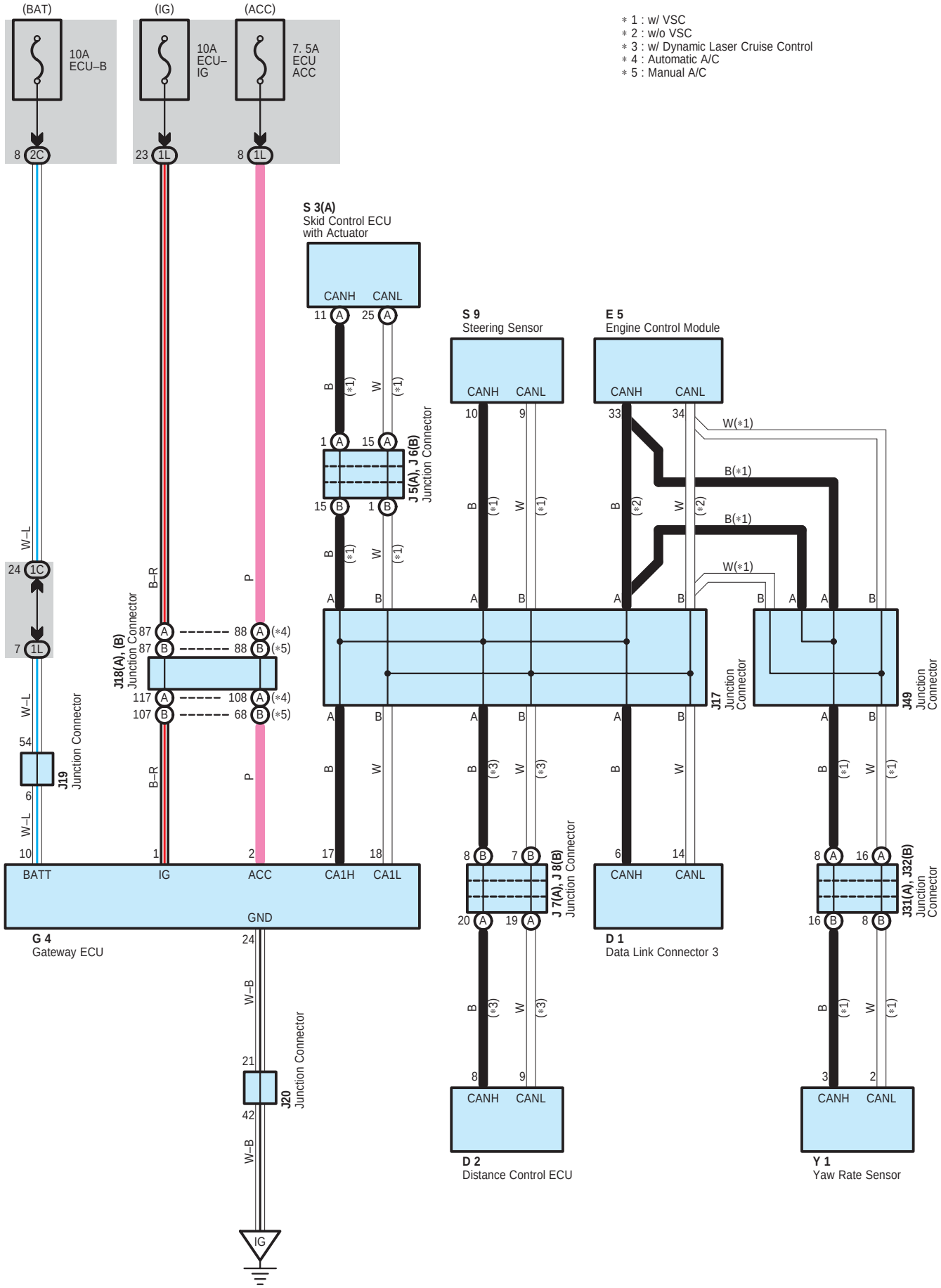
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
II3	53	Engine Wire and Instrument Panel Wire (Right Kick Panel)

▽ : Ground Points

Code	See Page	Ground Points Location
EB	50	Rear Bank of Right Cylinder Head
EC	50	Rear Bank of Left Cylinder Head
IE	52	Left Kick Panel
IF	52	Instrument Panel Brace LH

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System Outline

CAN has two lines as a pair which make communication with operating voltage. Can has excellent data speed and error detecting capacity. It consists of vehicle control systems such as gateway ECU, data link connector 3, distance control ECU, engine control module, skid control ECU with actuator, steering sensor and yaw rates sensor. Gateway ECU has communication circuit to correspond with different types of communication data. Different types of communication data can be shared among communication parts after it goes through gateway ECU.

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
D1	39	J8 B	40	J32 B	40
D2	39	J17	40	J49	40
E5	39	J18 A	40	S3 A	37
G4	39	J18 B	40	S9	41
J5 A	40	J19	40	Y1	45
J6 B	40	J20	40		
J7 A	40	J31 A	40		

: Junction Block and Wire Harness Connector

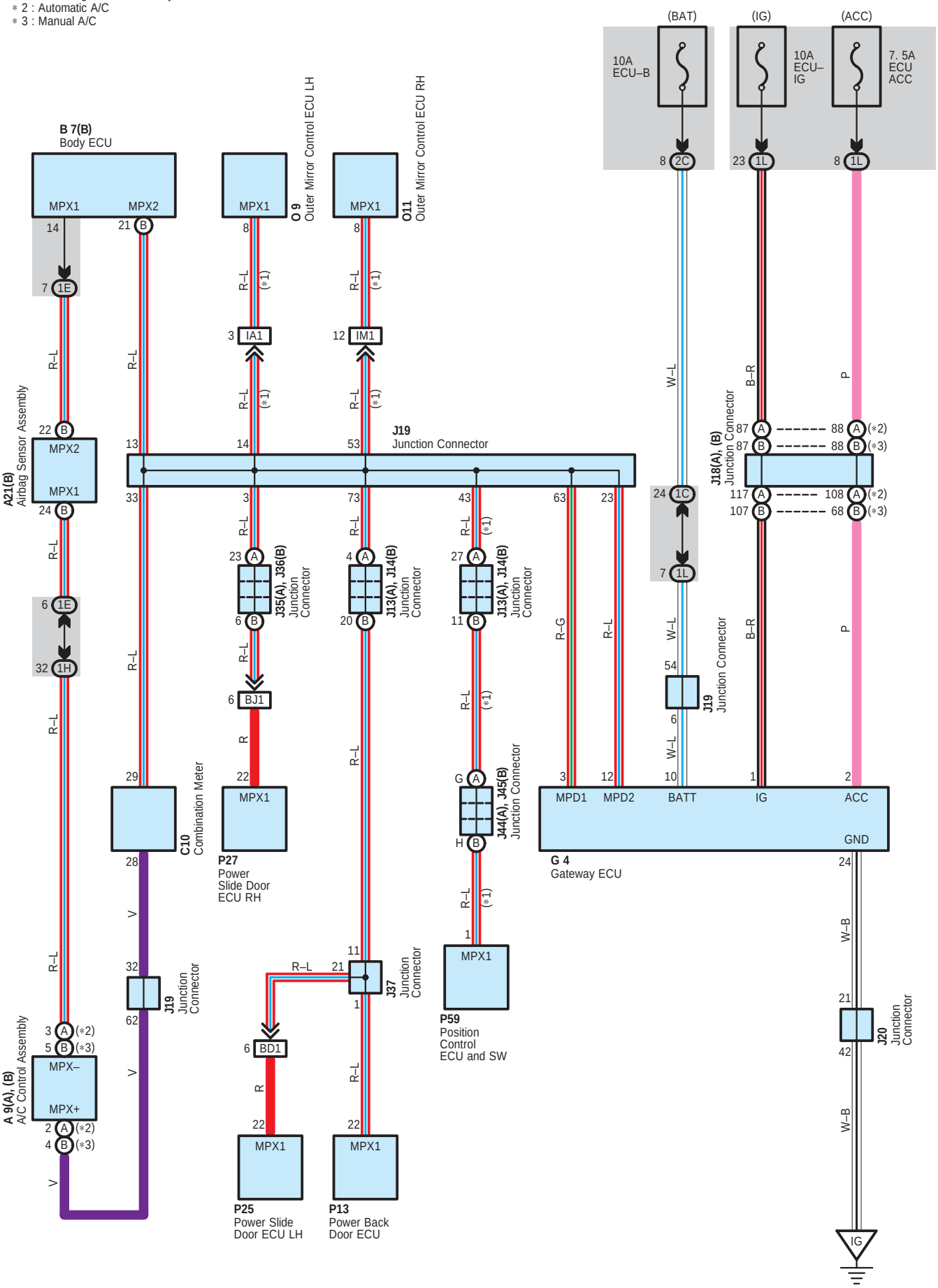
Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1L	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

▽ : Ground Points

Code	See Page	Ground Points Location
IG	52	Right Kick Panel

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* 1 : w/ Driving Position Memory
* 2 : Automatic A/C
* 3 : Manual A/C



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Multiplex Communication System (BEAN) Includes Following Systems

- **Automatic Light Control**
- **Back Door Opener (w/o Power Back Door)**
- **Door Lock Control**
- **Fog Light**
- **Headlight**
- **Interior Light**
- **Key Reminder**
- **Light Auto Turn Off System**
- **Remote Control Mirror (w/ Driving Position Memory)**
- **Seat Belt Warning**
- **Theft Deterrent**
- **Wireless Door Lock Control**

○ : Parts Location

Code		See Page	Code		See Page	Code		See Page
A9	A	38	J18	A	40	J45	B	46 (*1)
	B	38		B	40	O9		43
A21	B	38	J19		40	O11		43
B7	B	38	J20		40	P13		44
C10		39	J35	A	40	P25		44
G4		39	J36	B	40	P27		44
J13	A	40	J37		43	P59		46
J14	B	40	J44	A	46 (*1)			

⬭ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1E	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1H	30	
1L	31	
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

▭ : Connector Joining Wire Harness and Wire Harness

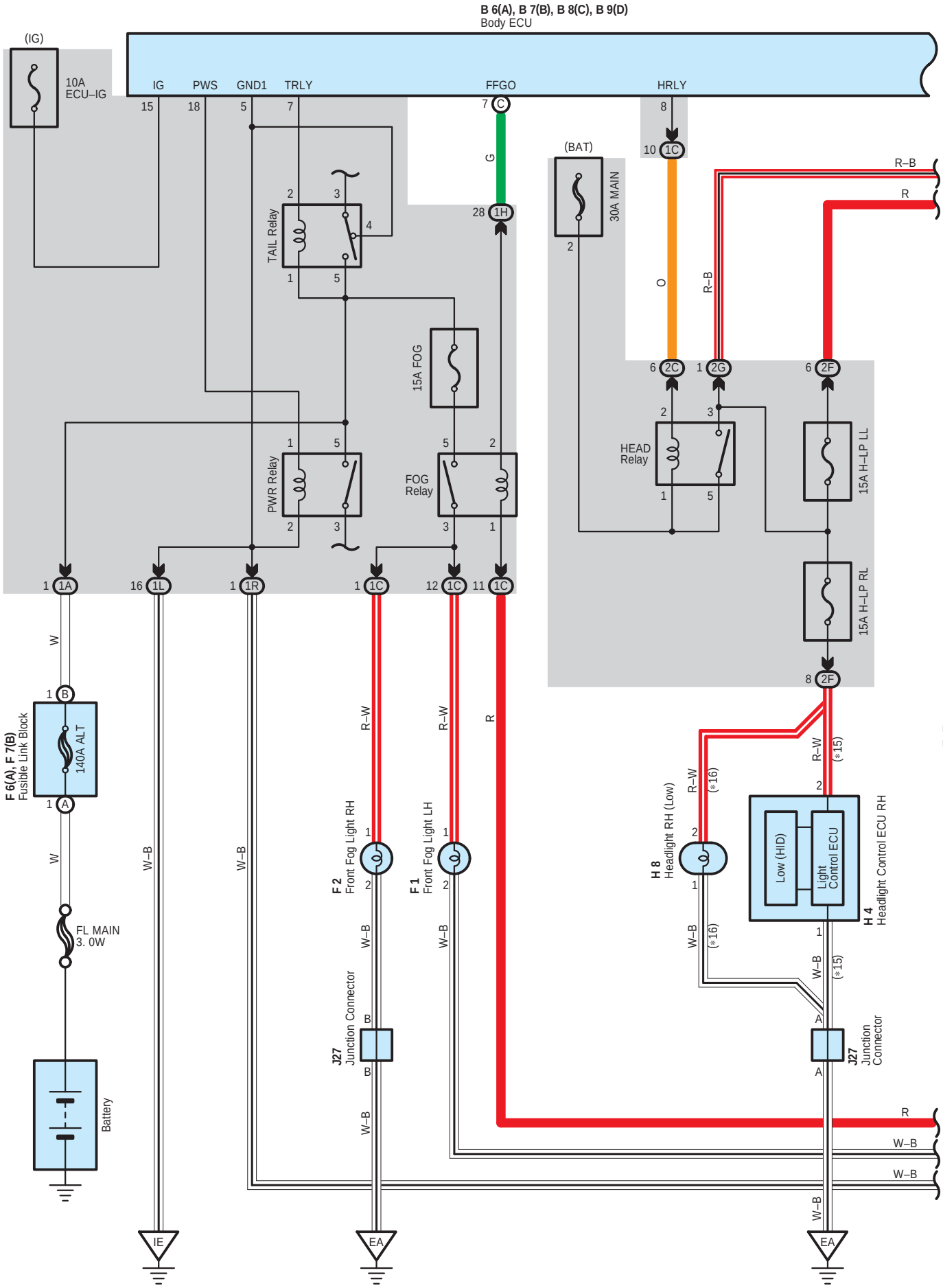
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	52	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IM1	53	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
BD1	54	Rear Door No.2 Wire and Floor No.1 Wire (On the Left Rear Wheel House)
BJ1	55	Rear Door No.1 Wire and Floor No.2 Wire (On the Right Rear Wheel House)

▽ : Ground Points

Code	See Page	Ground Points Location
IG	52	Right Kick Panel

* 1 : Front Seat w/ Power Seat * 2 : Front Seat w/o Power Seat * 3 : Rear No.2 Seat

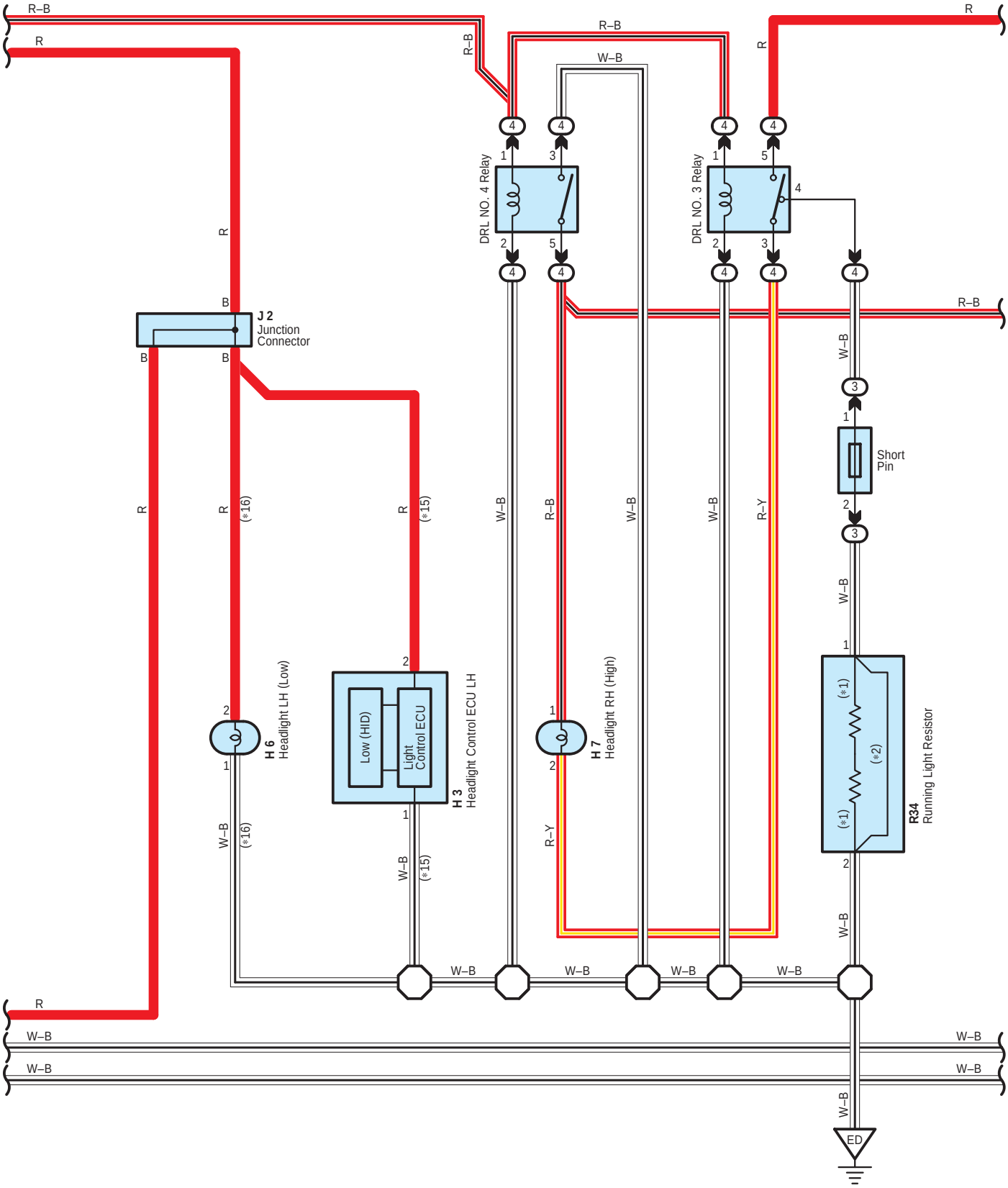
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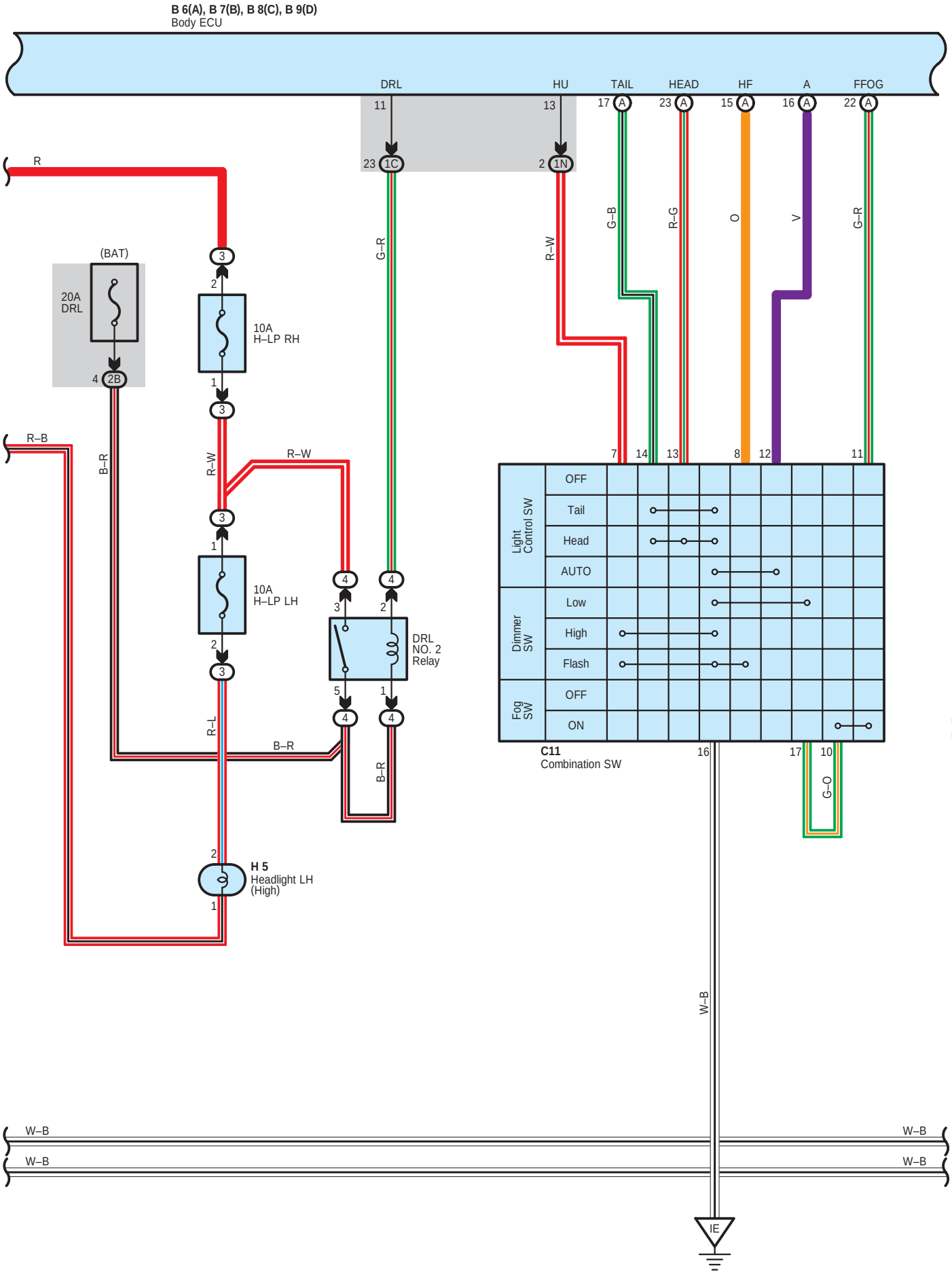
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B 6(A), B 7(B), B 8(C), B 9(D)
Body ECU

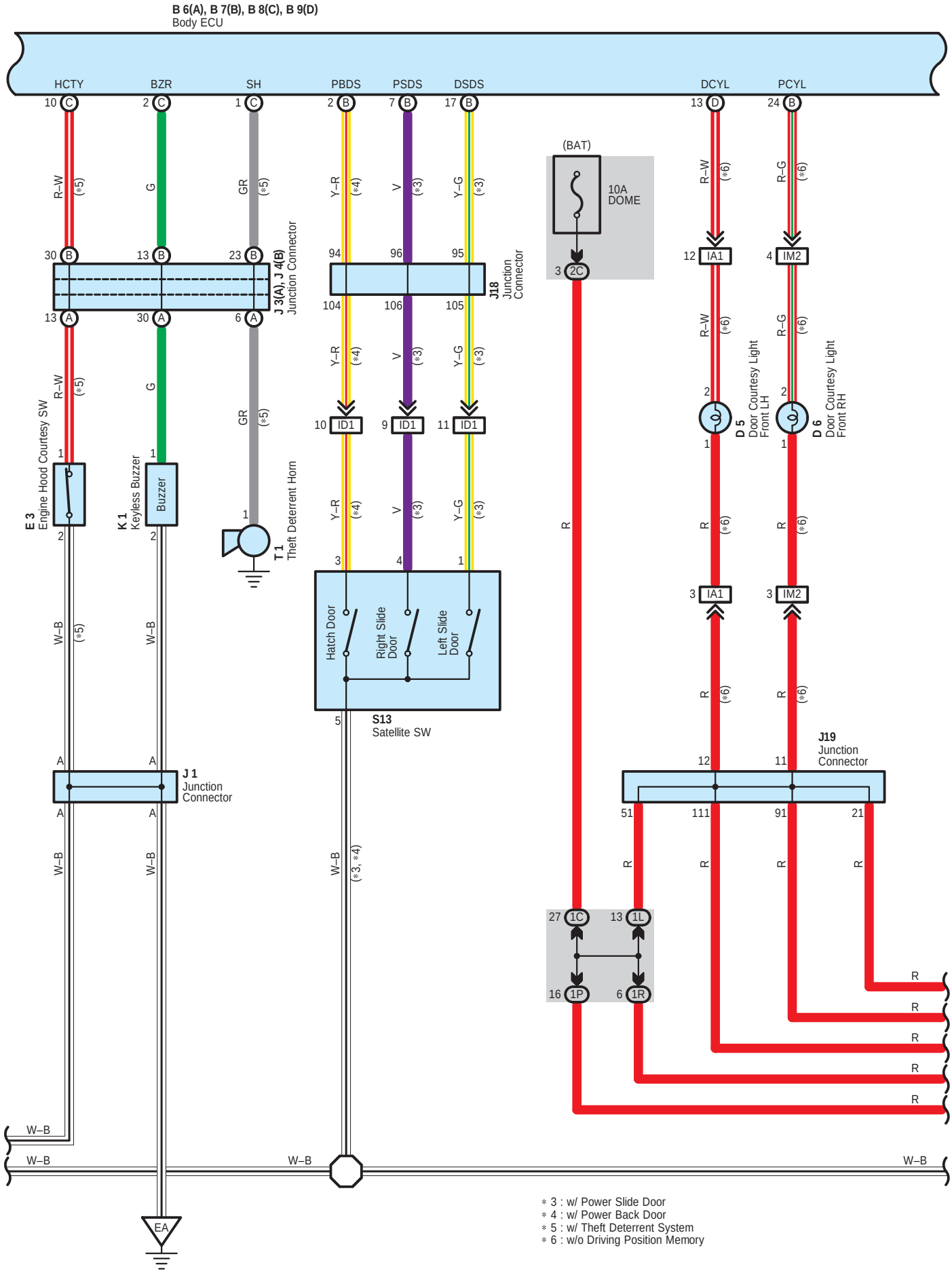
∗ 1 : w/ Daytime Running Light
∗ 2 : w/o Daytime Running Light
∗15 : HID Type
∗16 : Except HID Type



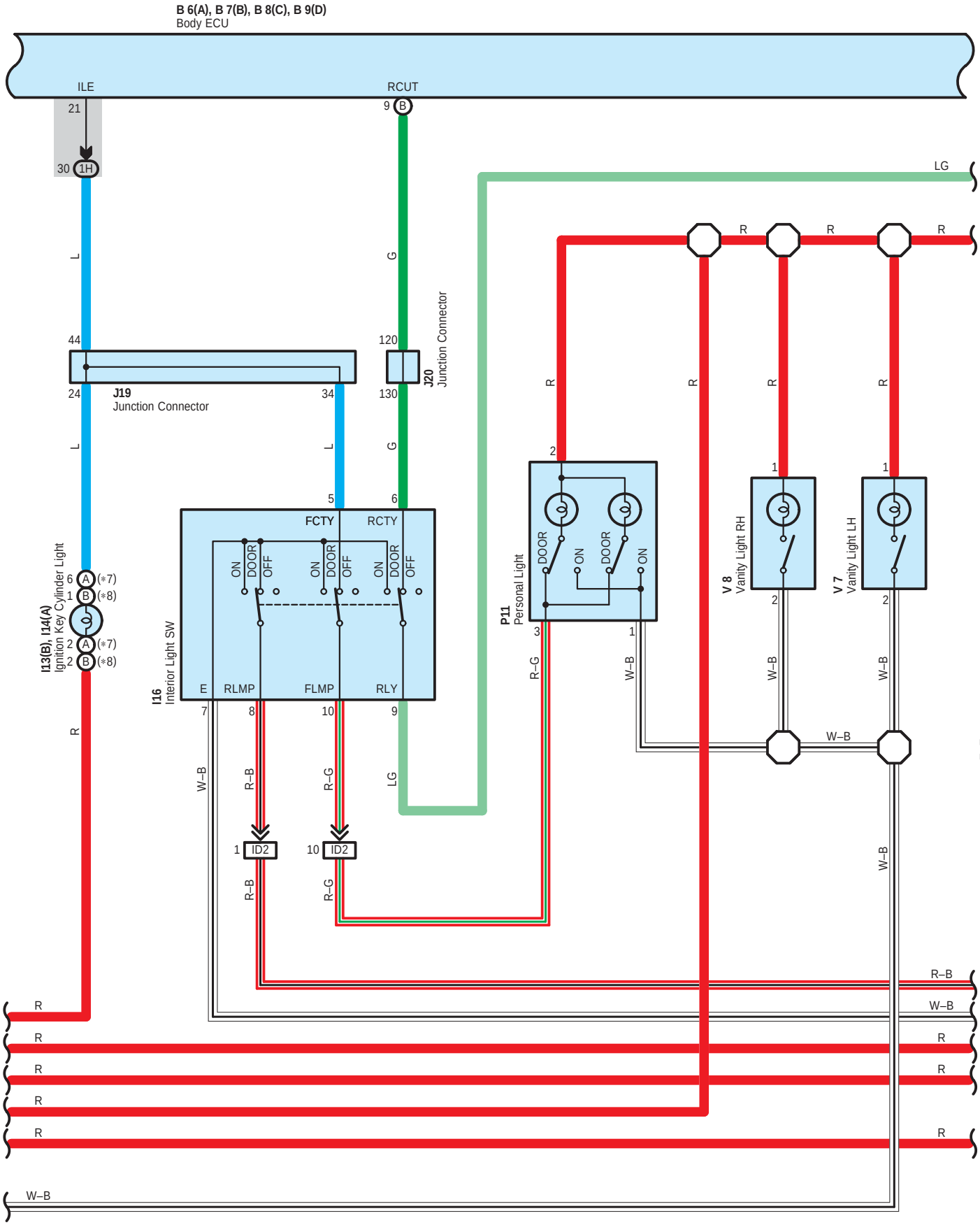
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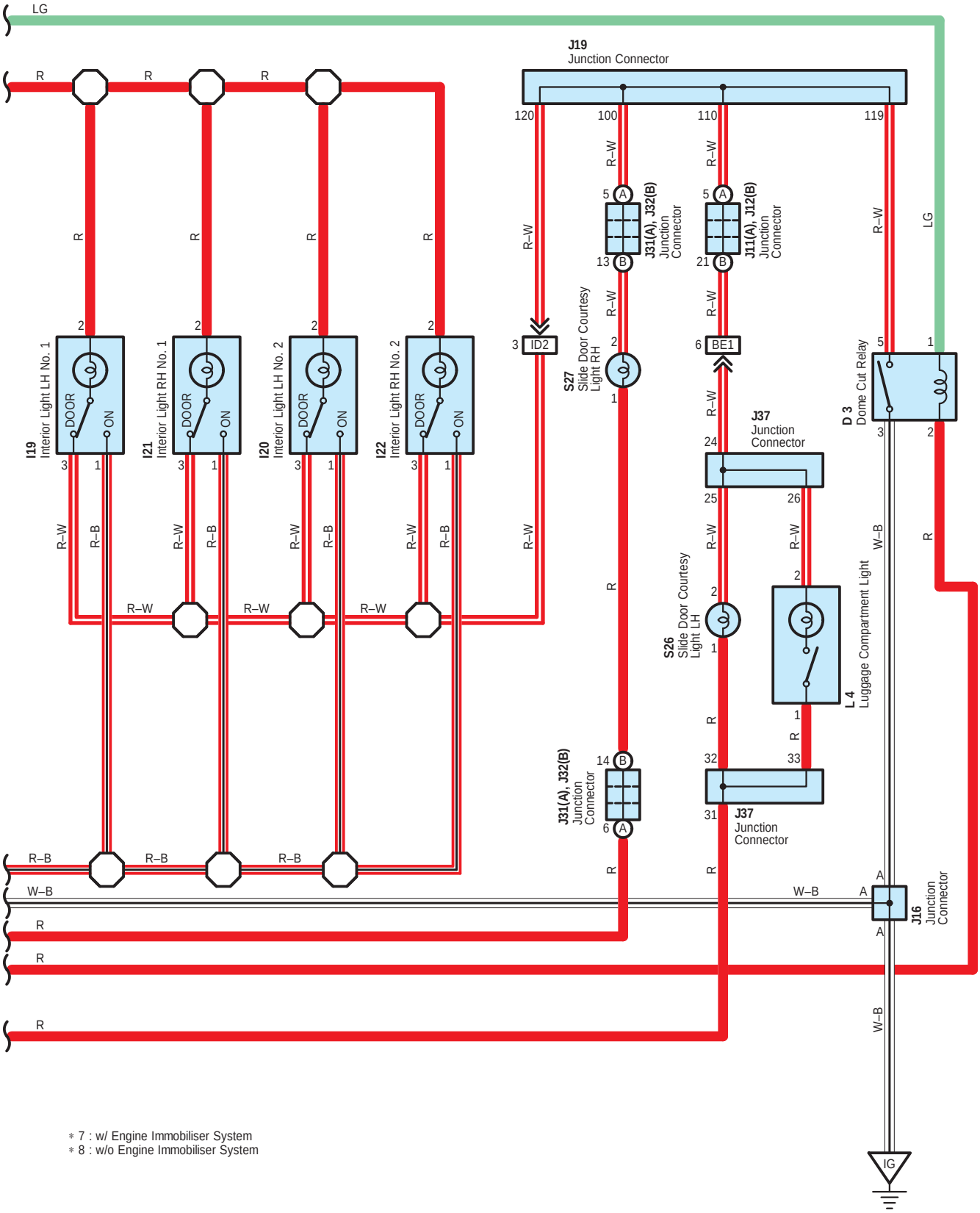


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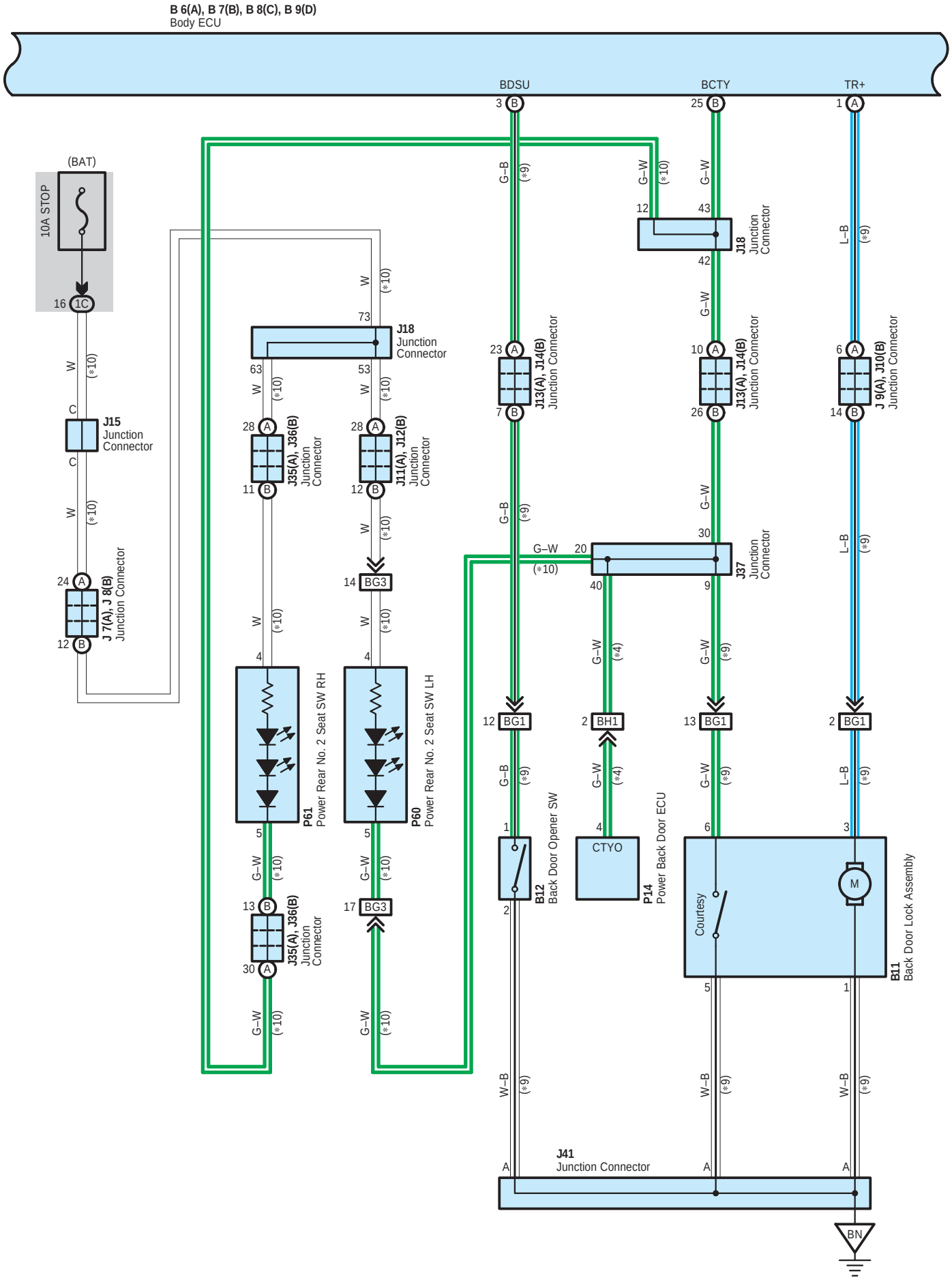
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B 6(A), B 7(B), B 8(C), B 9(D)
Body ECU

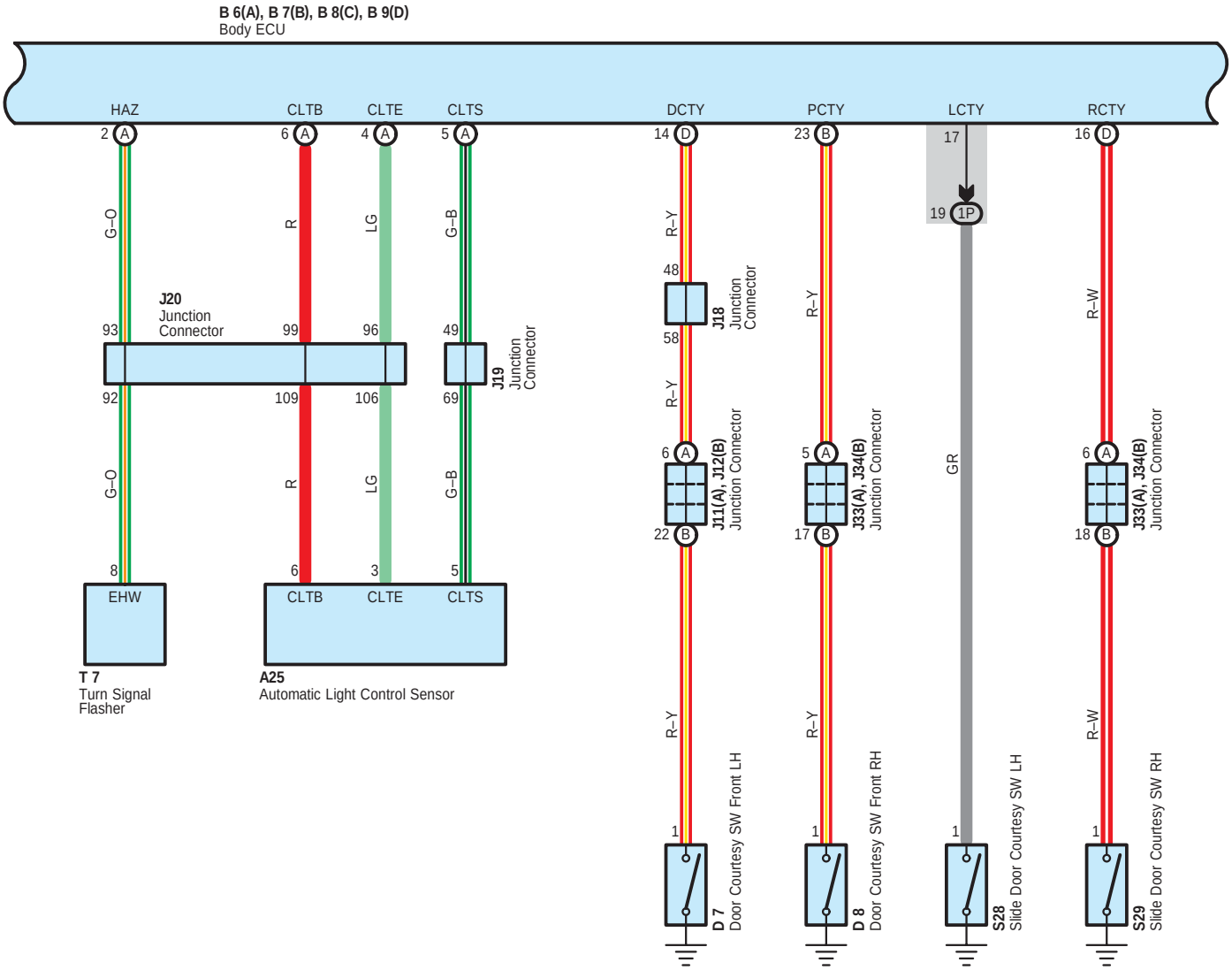


* 7 : w/ Engine Immobiliser System
* 8 : w/o Engine Immobiliser System

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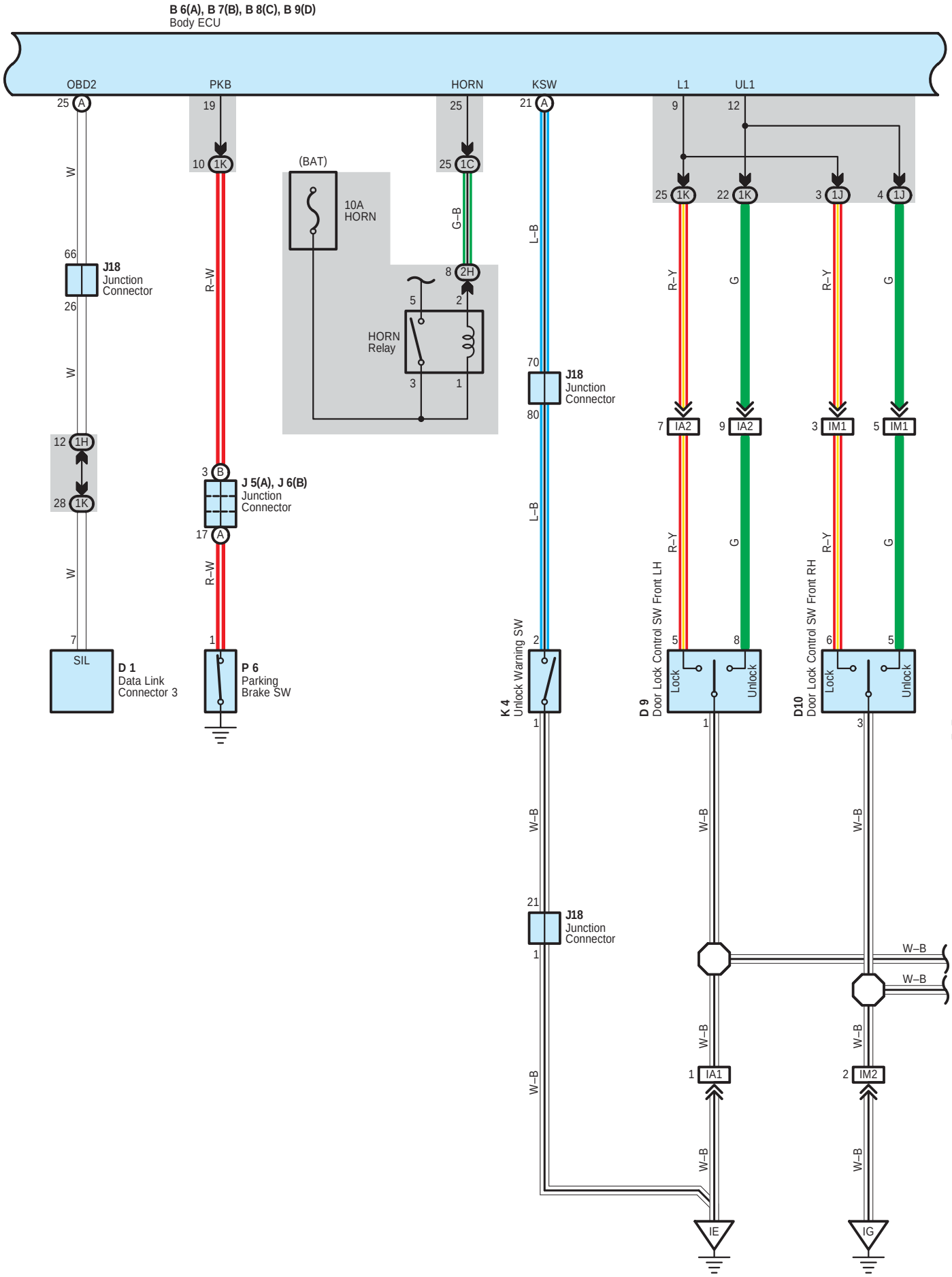


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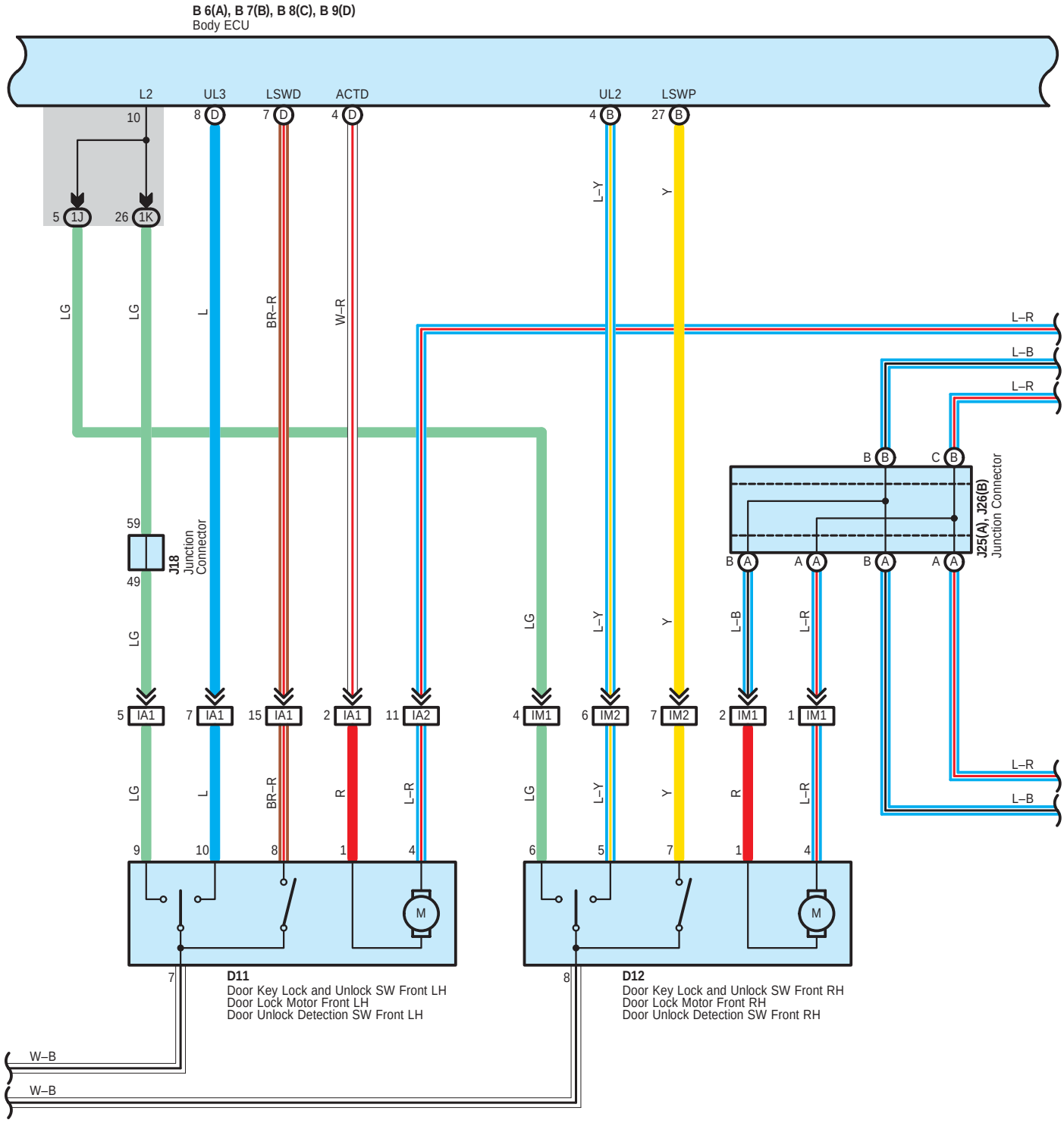


∗ 4 : w/ Power Back Door
∗ 9 : w/o Power Back Door
∗10 : w/ Power Rear No. 2 Seat with Stowing Function

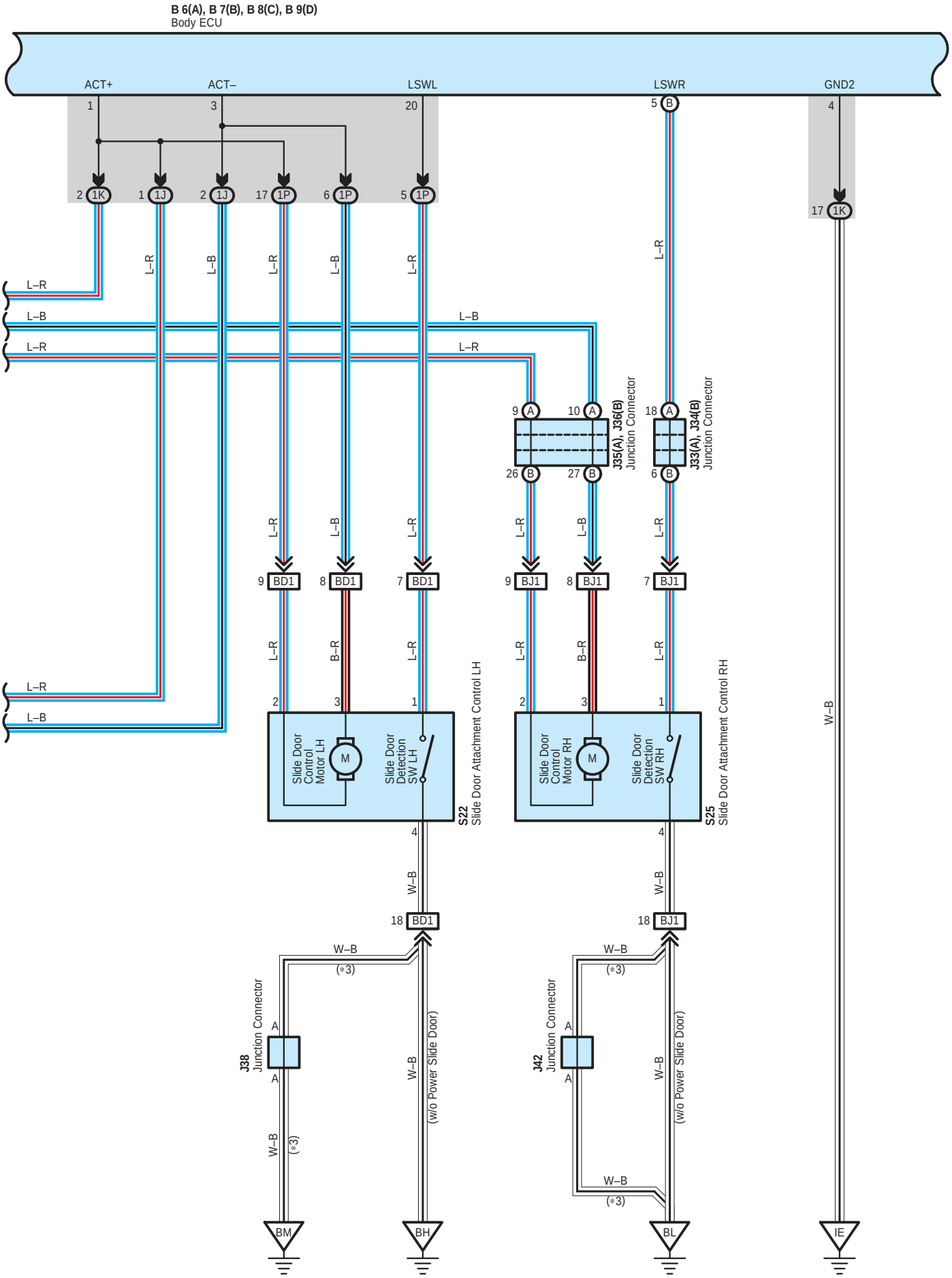
cardiagn.com



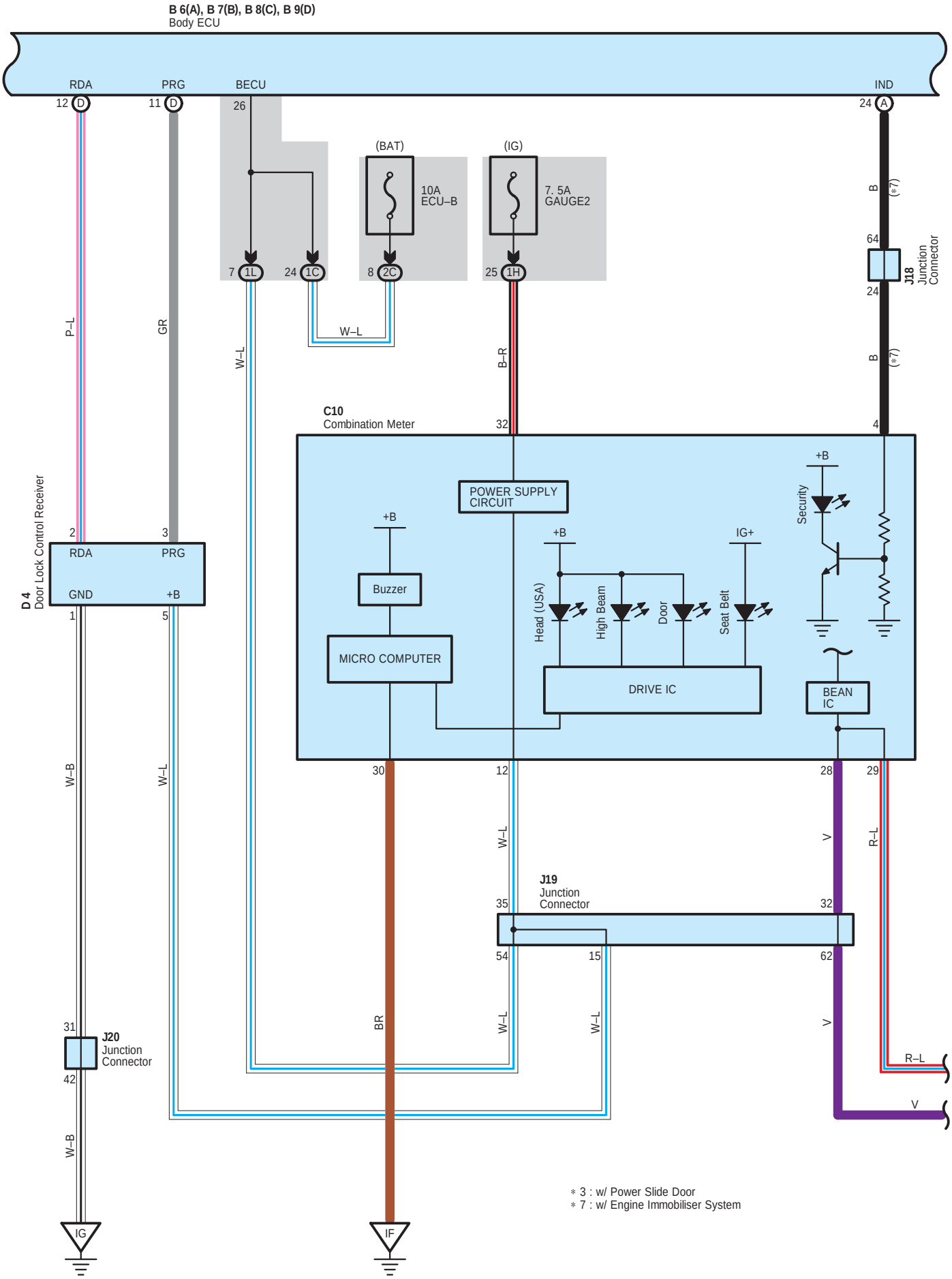
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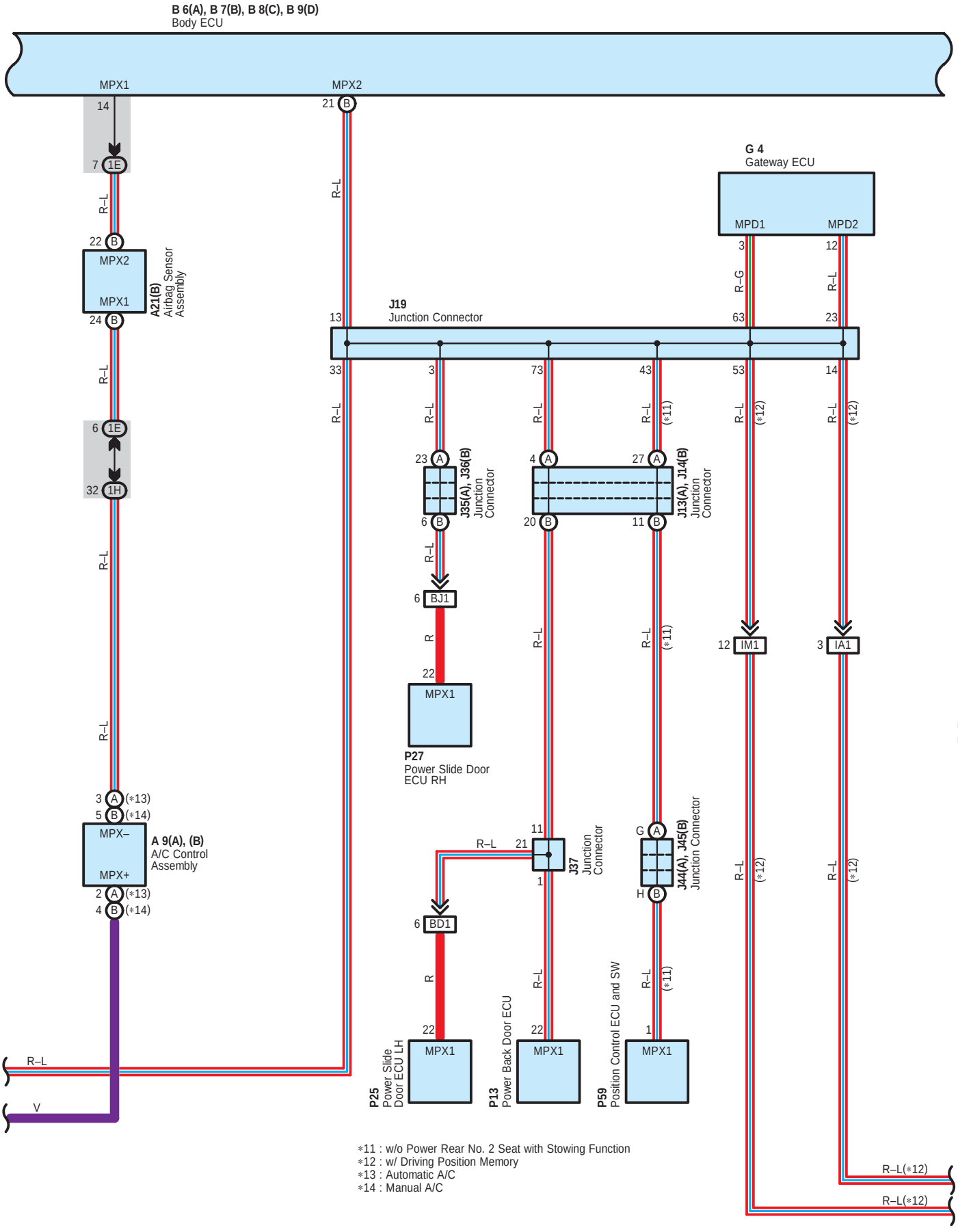
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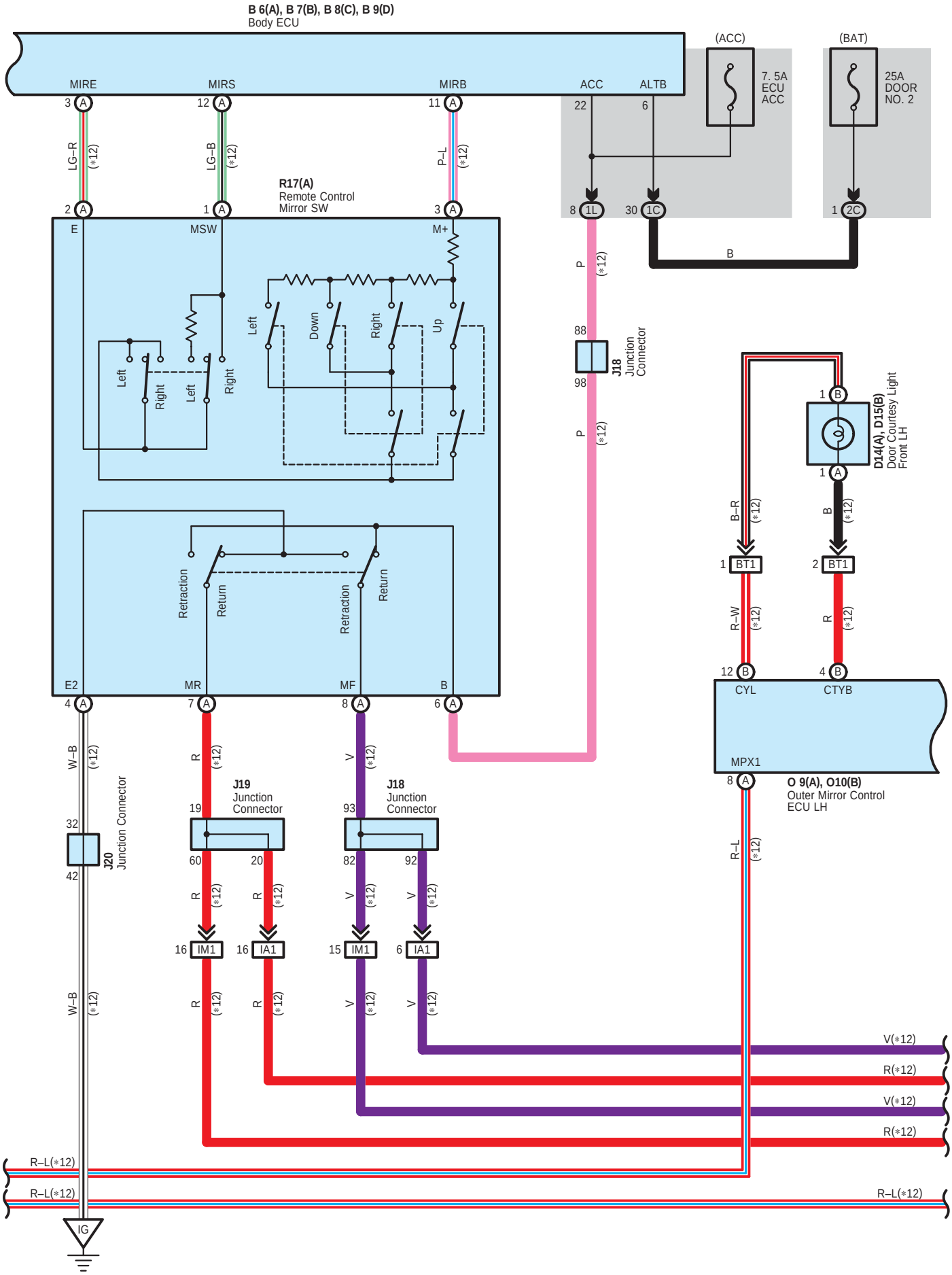
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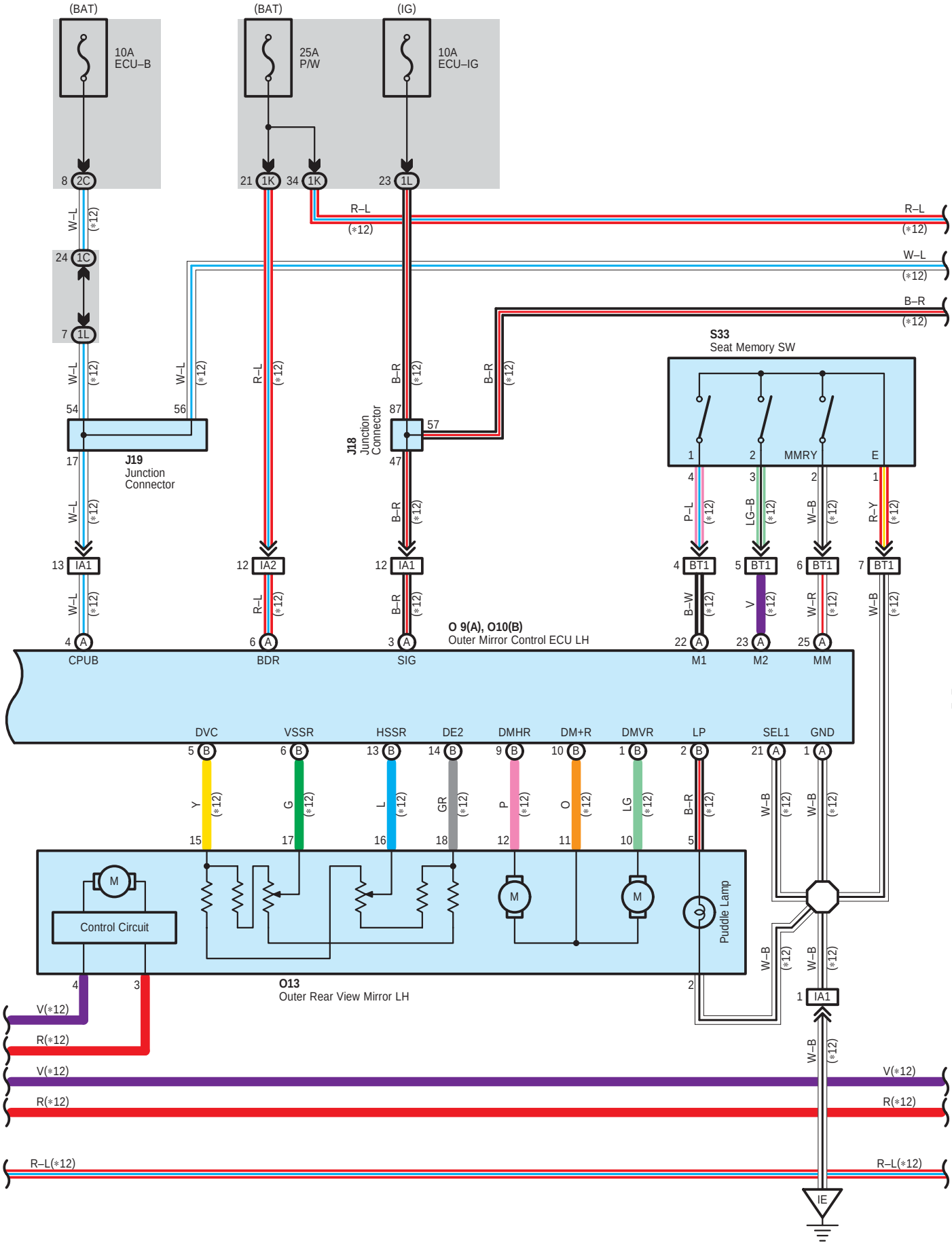


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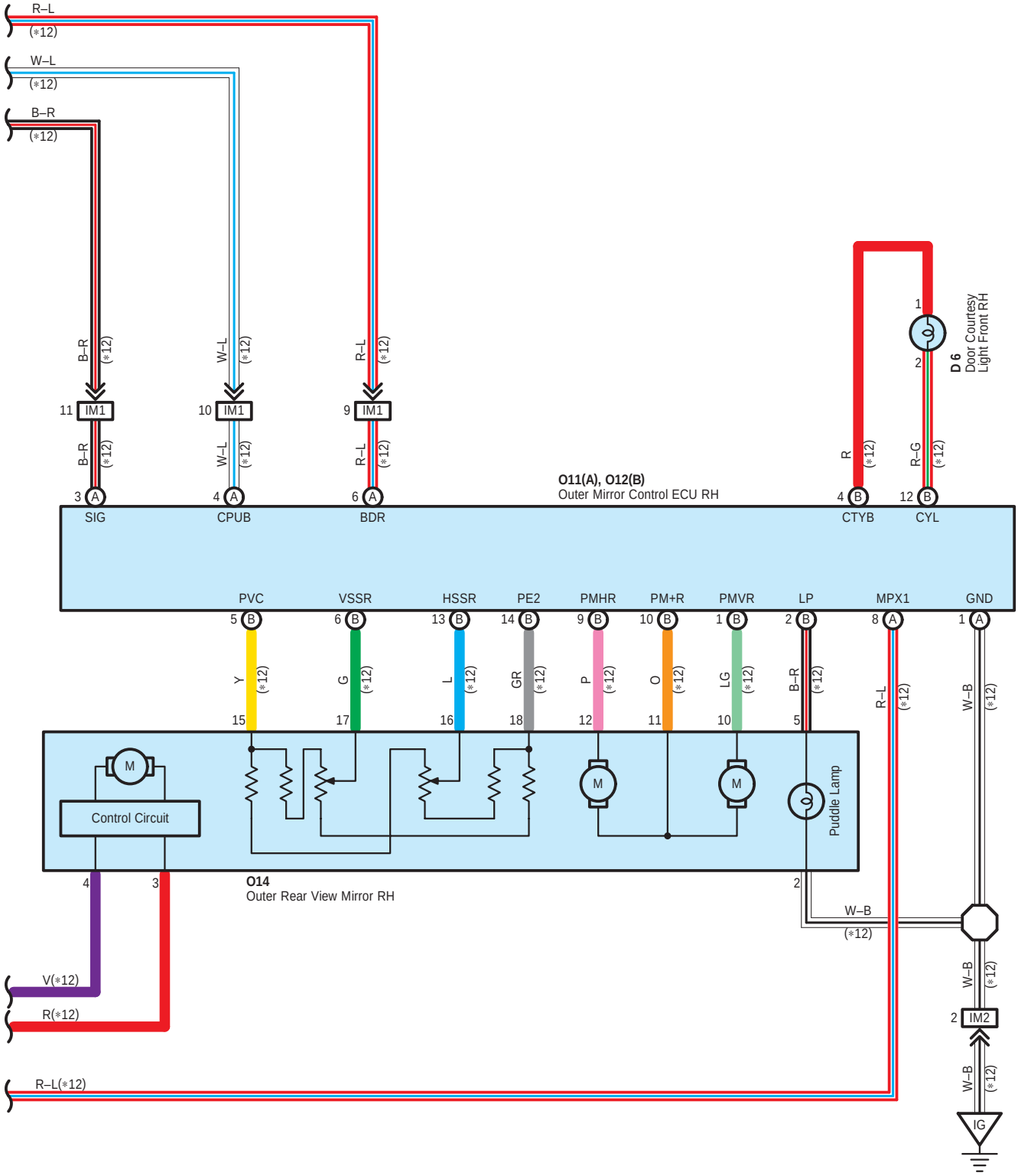


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∗12 : w/ Driving Position Memory



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○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
A9 A	38	I13 B	39	J41	43
A9 B	38	I14 A	39	J42	43
A21 B	38	I16	39	J44 A	46 (*1)
A25	38	I19	42	J45 B	46 (*1)
B6 A	38	I20	42	K1	37
B7 B	38	I21	42	K4	40
B8 C	38	I22	42	L4	43
B9 D	38	J1	37	O9 A	43
B11	42	J2	37	O10 B	43
B12	42	J3 A	40	O11 A	43
C10	39	J4 B	40	O12 B	43
C11	39	J5 A	40	O13	43
D1	39	J6 B	40	O14	43
D3	39	J7 A	40	P6	41
D4	39	J8 B	40	P11	44
D5	42	J9 A	40	P13	44
D6	42	J10 B	40	P14	44
D7	42	J11 A	40	P25	44
D8	42	J12 B	40	P27	44
D9	42	J13 A	40	P59	46
D10	42	J14 B	40	P60	44
D11	42	J15	40	P61	44
D12	42	J16	40	R17 A	41
D14 A	42	J18	40	R34	37
D15 B	42	J19	40	S13	45
E3	36	J20	40	S22	45
F1	36	J25 A	40	S25	45
F2	36	J26 B	40	S26	45
F6 A	36	J27	40	S27	45
F7 B	36	J31 A	40	S28	45
G4	39	J32 B	40	S29	45
H3	36	J33 A	40	S33	45
H4	36	J34 B	40	T1	37
H5	36	J35 A	40	T7	41
H6	36	J36 B	40	V7	45
H7	36	J37	43	V8	45
H8	36	J38	43		

▭ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
3	26	R/B No.3 (Engine Compartment Left)
4	27	R/B No.4 (Engine Compartment Left)

* 1 : Front Seat w/ Power Seat * 2 : Front Seat w/o Power Seat * 3 : Rear No.2 Seat

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: **Junction Block and Wire Harness Connector**

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1C		
1E	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1H	30	
1J	31	
1K		
1L		
1N		
1P	31	Floor No.1 Wire and Driver Side J/B (Lower Finish Panel)
1R	31	Roof Wire and Driver Side J/B (Lower Finish Panel)
2B	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2C		
2F		
2G		
2H		

: **Connector Joining Wire Harness and Wire Harness**

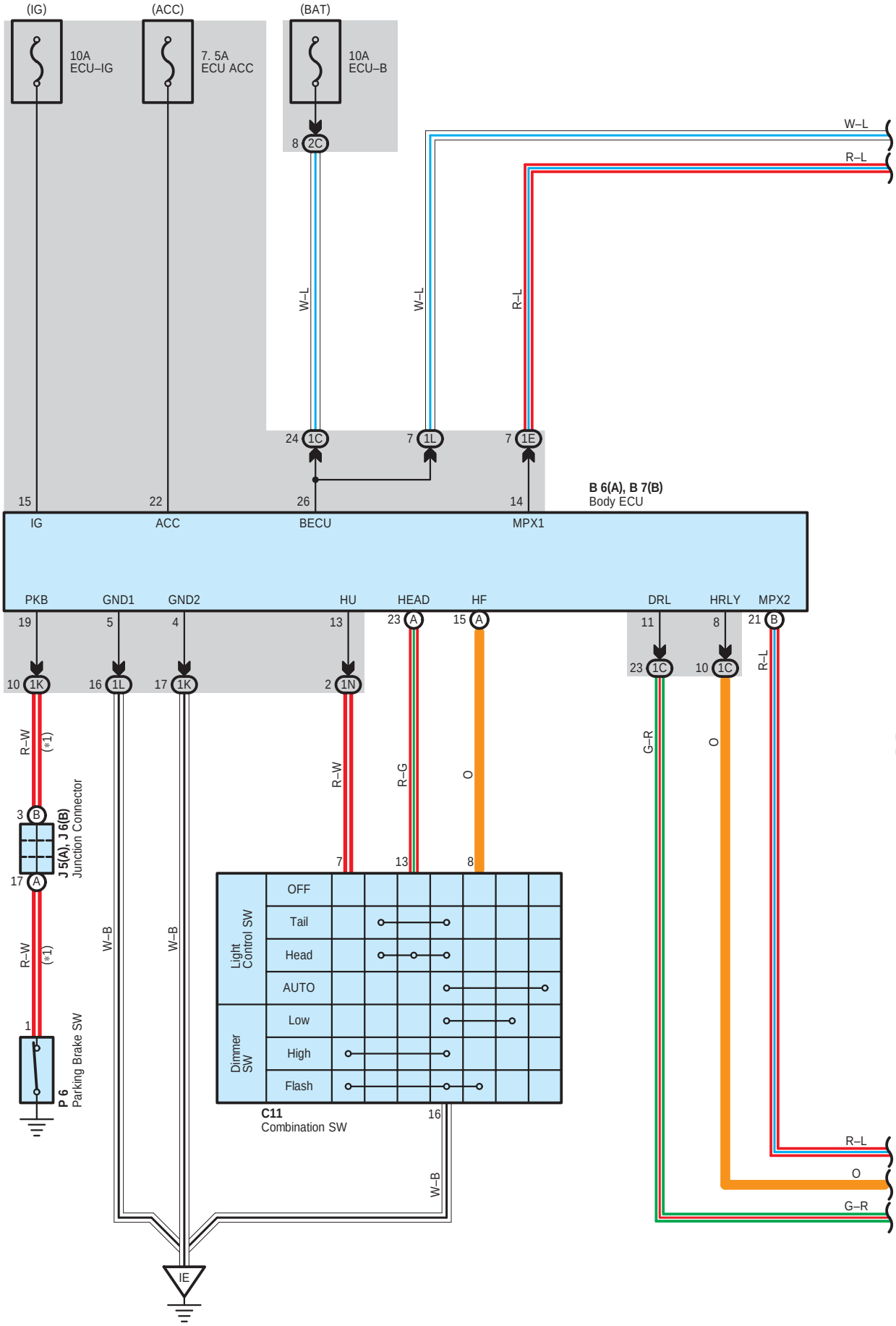
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	52	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IA2		
ID1	52	Roof Wire and Instrument Panel Wire (Near the Driver Side J/B)
ID2		
IM1	53	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IM2		
BD1	54	Rear Door No.2 Wire and Floor No.1 Wire (On the Left Rear Wheel House)
BE1	54	Floor No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)
BG1	55	Back Door No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)
BG3		
BH1	55	Floor No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)
BJ1	55	Rear Door No.1 Wire and Floor No.2 Wire (On the Right Rear Wheel House)
BT1	55	Front Door LH Wire and Courtesy Lamp Switch Wire Assembly (Inside Front Door Trim LH)

: **Ground Points**

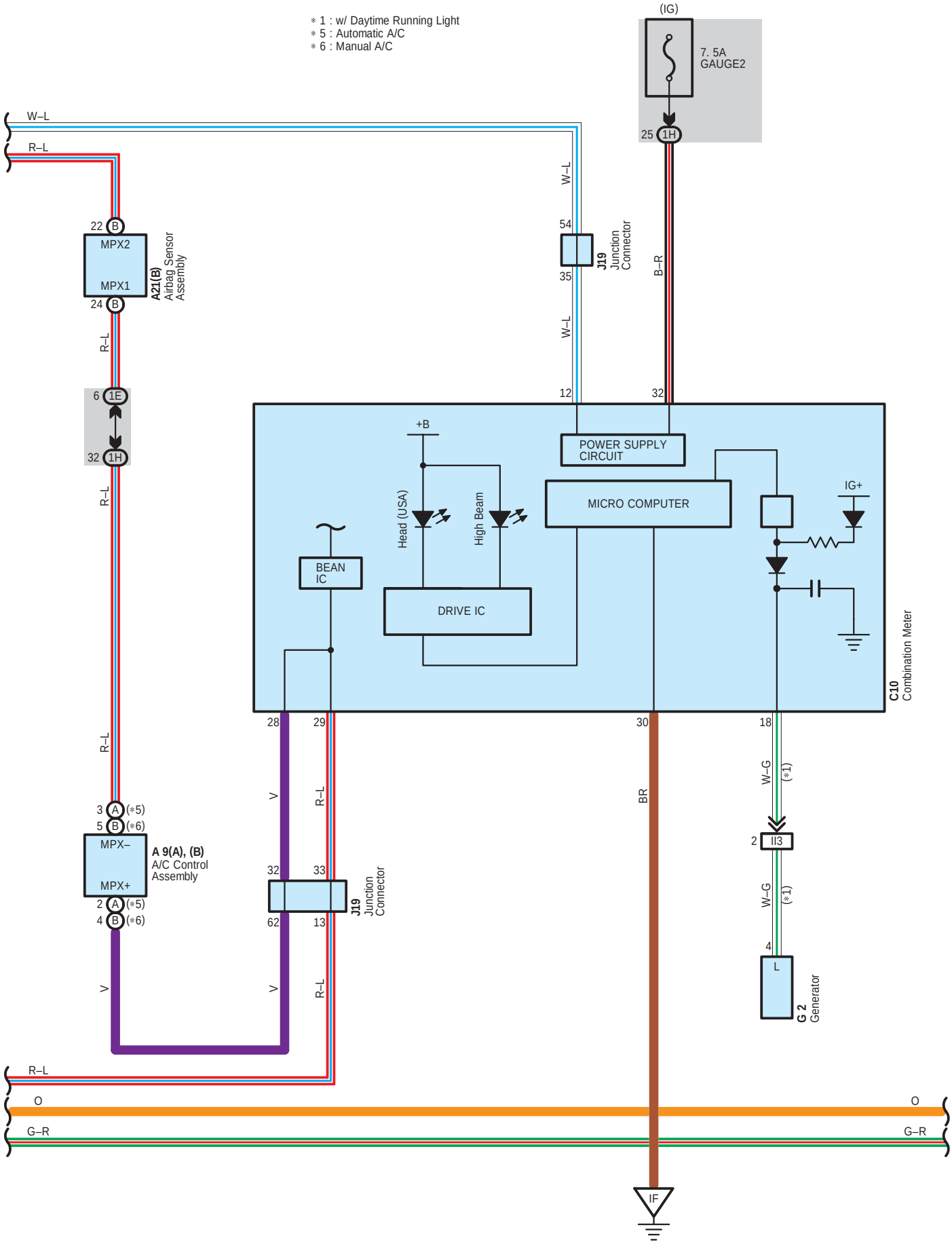
Code	See Page	Ground Points Location
EA	50	Front Side of the Right Fender Apron
ED	50	Front Side of the Left Fender Apron
IE	52	Left Kick Panel
IF	52	Instrument Panel Brace LH
IG	52	Right Kick Panel
BH	54	Under the Left Center Pillar
BL	54	Right Rear Quarter Panel
BM	54	Left Rear Quarter Panel
BN	54	Left Side of the Back Door

* 1 : Front Seat w/ Power Seat * 2 : Front Seat w/o Power Seat * 3 : Rear No.2 Seat

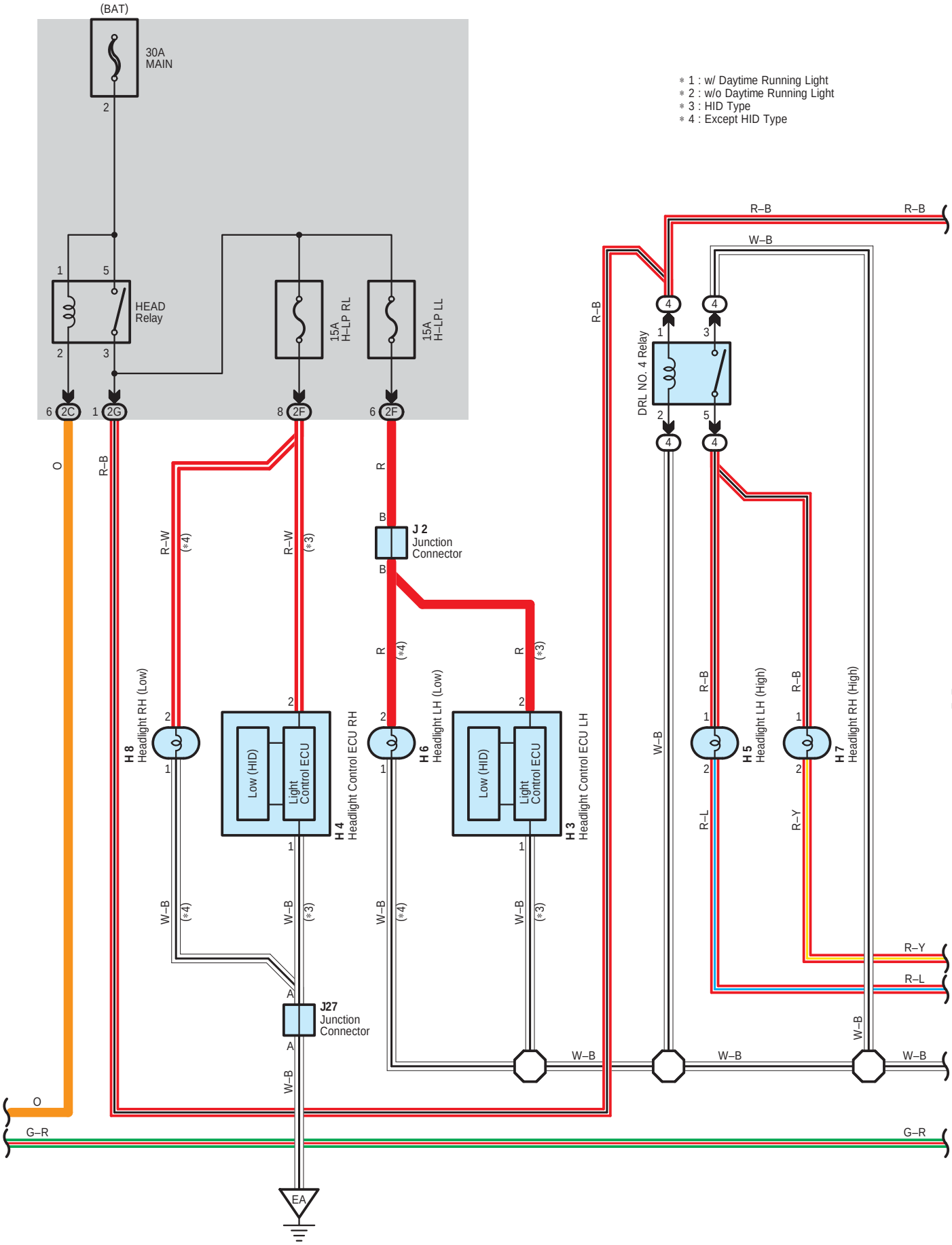
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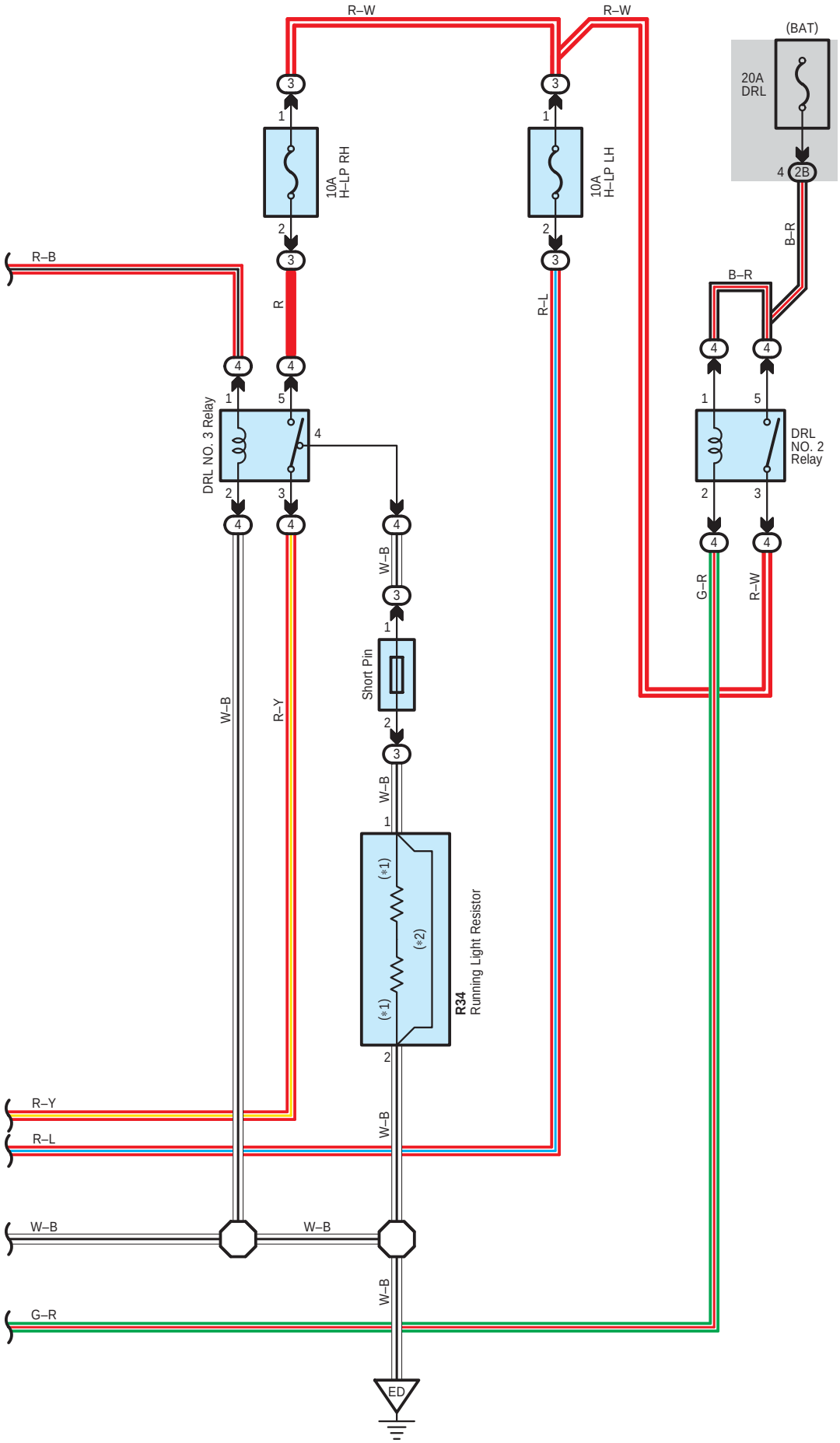
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Headlight

: Parts Location

Code		See Page	Code	See Page	Code		See Page
A9	A	38	G2	36	J2		37
	B	38	H3	36	J5	A	40
A21	B	38	H4	36	J6	B	40
B6	A	38	H5	36	J19		40
B7	B	38	H6	36	J27		40
C10		39	H7	36	P6		41
C11		39	H8	36	R34		37

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
3	26	R/B No.3 (Engine Compartment Left)
4	27	R/B No.4 (Engine Compartment Left)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1E	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1H	30	
1K	31	
1L		
1N		
2B	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2C		
2F		
2G		

: Connector Joining Wire Harness and Wire Harness

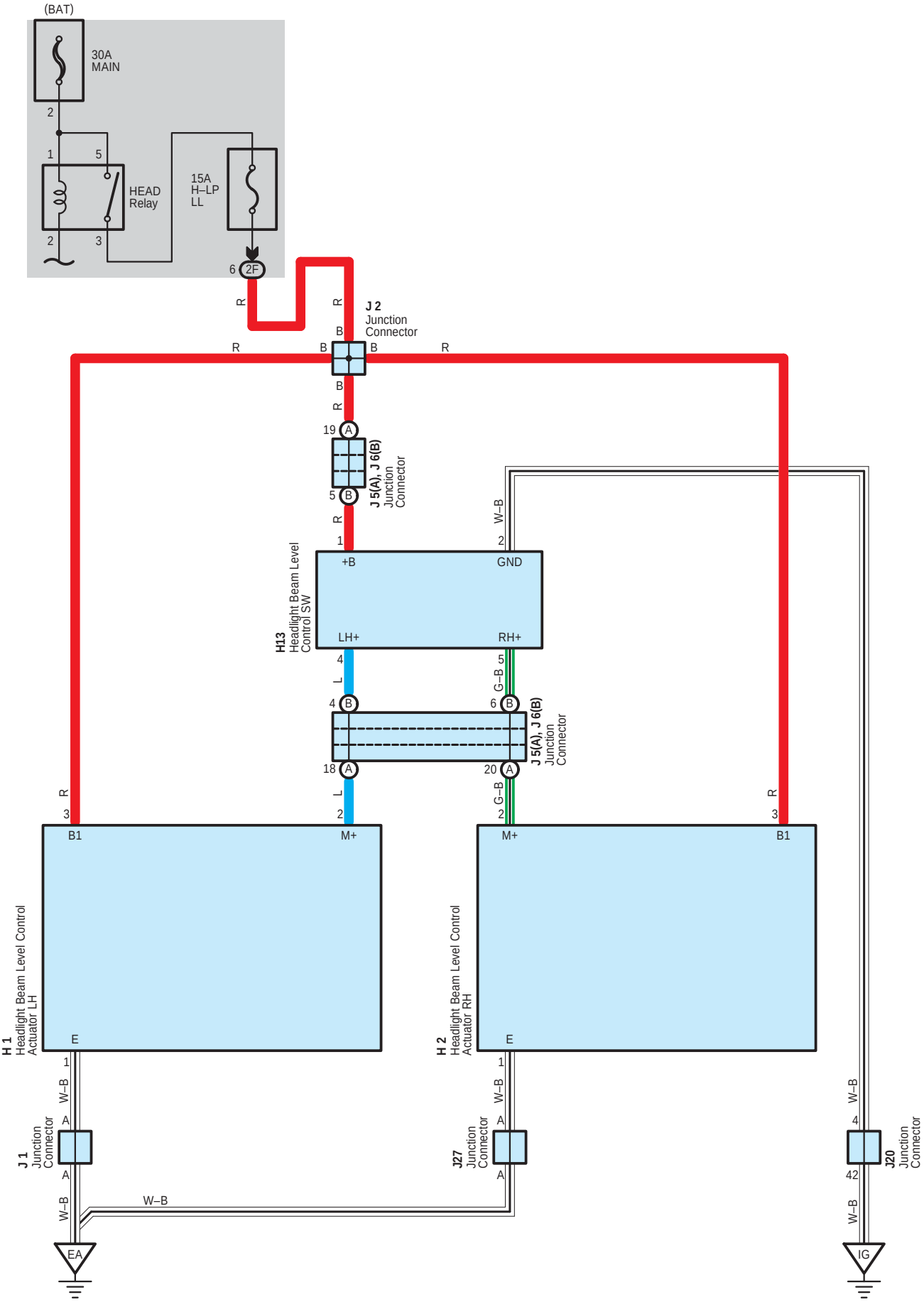
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
II3	53	Engine Wire and Instrument Panel Wire (Right Kick Panel)

: Ground Points

Code	See Page	Ground Points Location
EA	50	Front Side of the Right Fender Apron
ED	50	Front Side of the Left Fender Apron
IE	52	Left Kick Panel
IF	52	Instrument Panel Brace LH

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○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
H1	36	J1	37	J6 B	40
H2	36	J2	37	J20	40
H13	39	J5 A	40	J27	40

⬭ : Junction Block and Wire Harness Connector

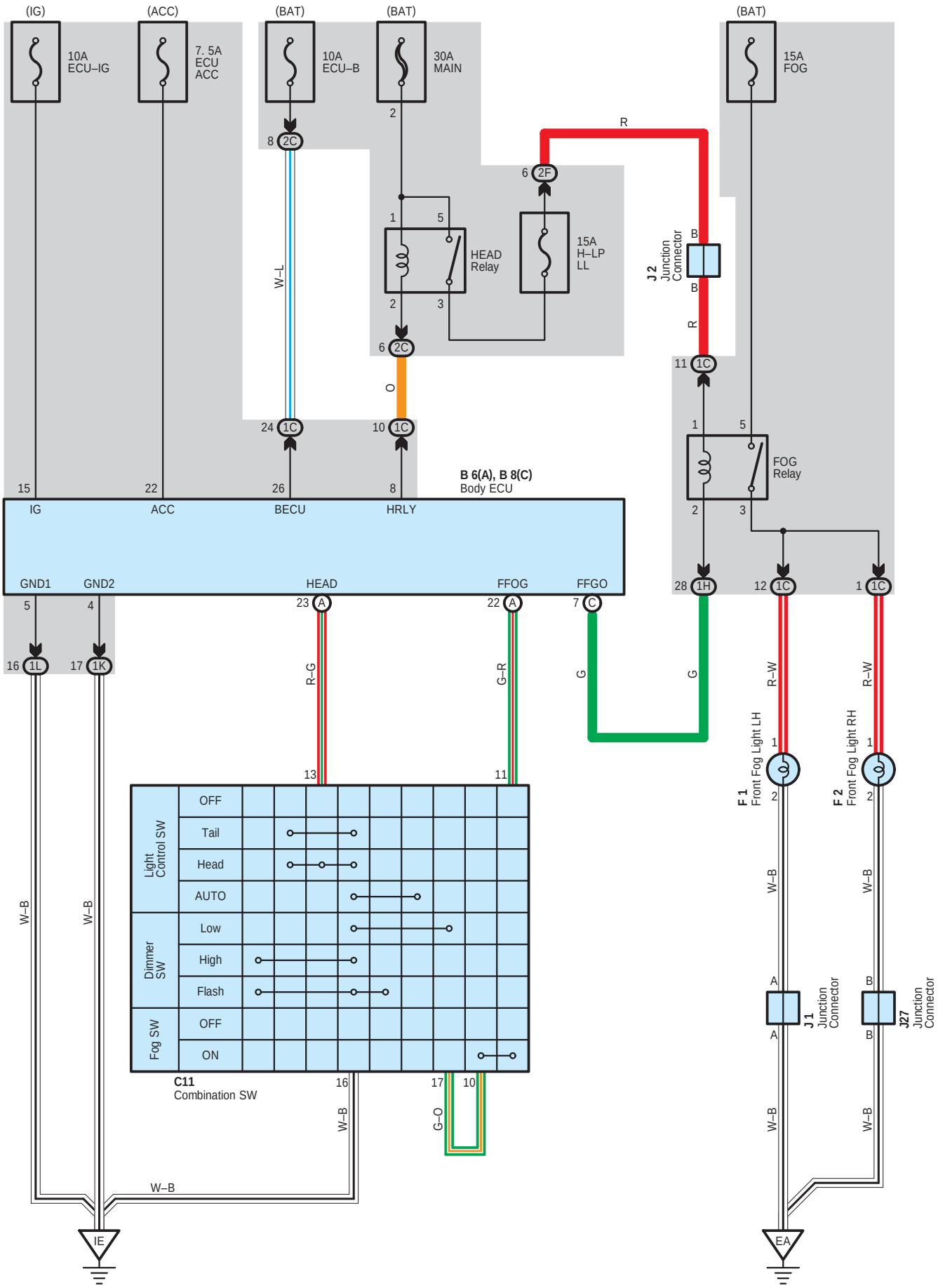
Code	See Page	Junction Block and Wire Harness (Connector Location)
2F	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

▽ : Ground Points

Code	See Page	Ground Points Location
EA	50	Front Side of the Right Fender Apron
IG	52	Right Kick Panel

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Fog Light



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○ : Parts Location

Code		See Page	Code	See Page	Code	See Page
B6	A	38	F1	36	J2	37
B8	C	38	F2	36	J27	40
C11		39	J1	37		

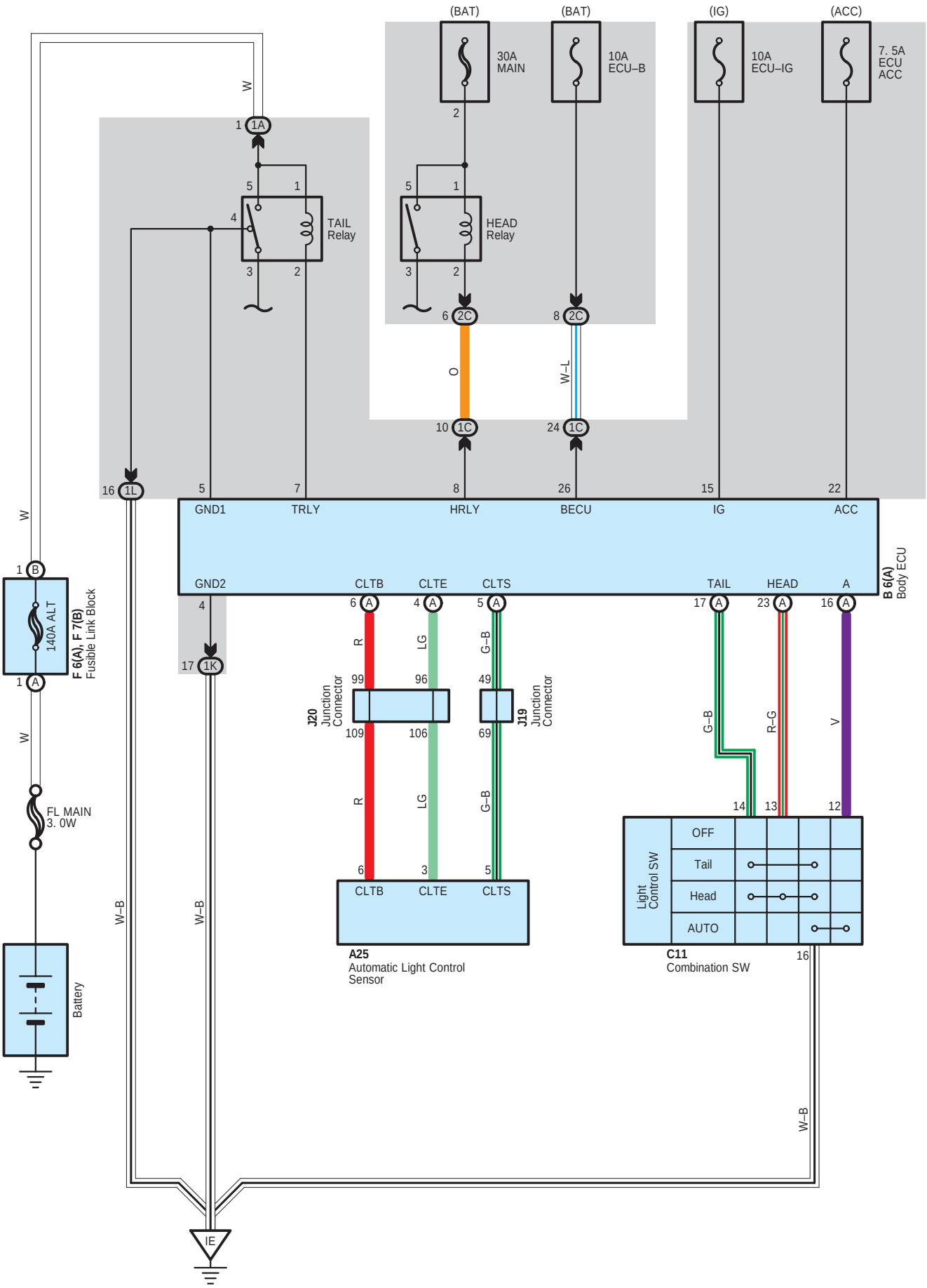
: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1H	30	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1K	31	
1L		
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2F		

▽ : Ground Points

Code	See Page	Ground Points Location
EA	50	Front Side of the Right Fender Apron
IE	52	Left Kick Panel

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: Parts Location

Code	See Page	Code	See Page	Code	See Page
A25	38	F6 A	36	J20	40
B6 A	38	F7 B	36		
C11	39	J19	40		

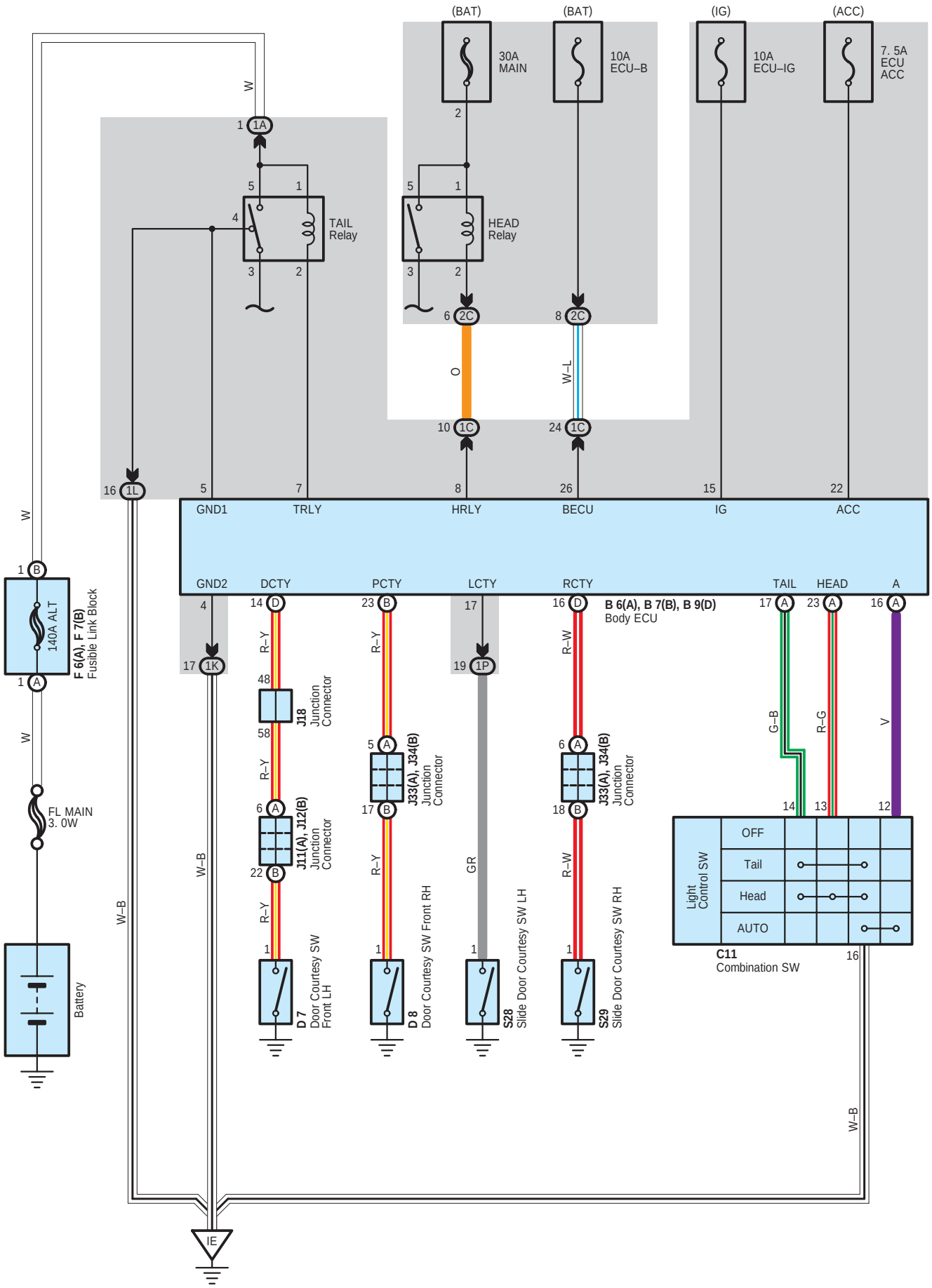
: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1C		
1K	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1L		
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

: Ground Points

Code	See Page	Ground Points Location
IE	52	Left Kick Panel

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○ : Parts Location

Code		See Page	Code		See Page	Code		See Page
B6	A	38	D8		42	J18		40
B7	B	38	F6	A	36	J33	A	40
B9	D	38	F7	B	36	J34	B	40
C11		39	J11	A	40	S28		45
D7		42	J12	B	40	S29		45

⬭ : Junction Block and Wire Harness Connector

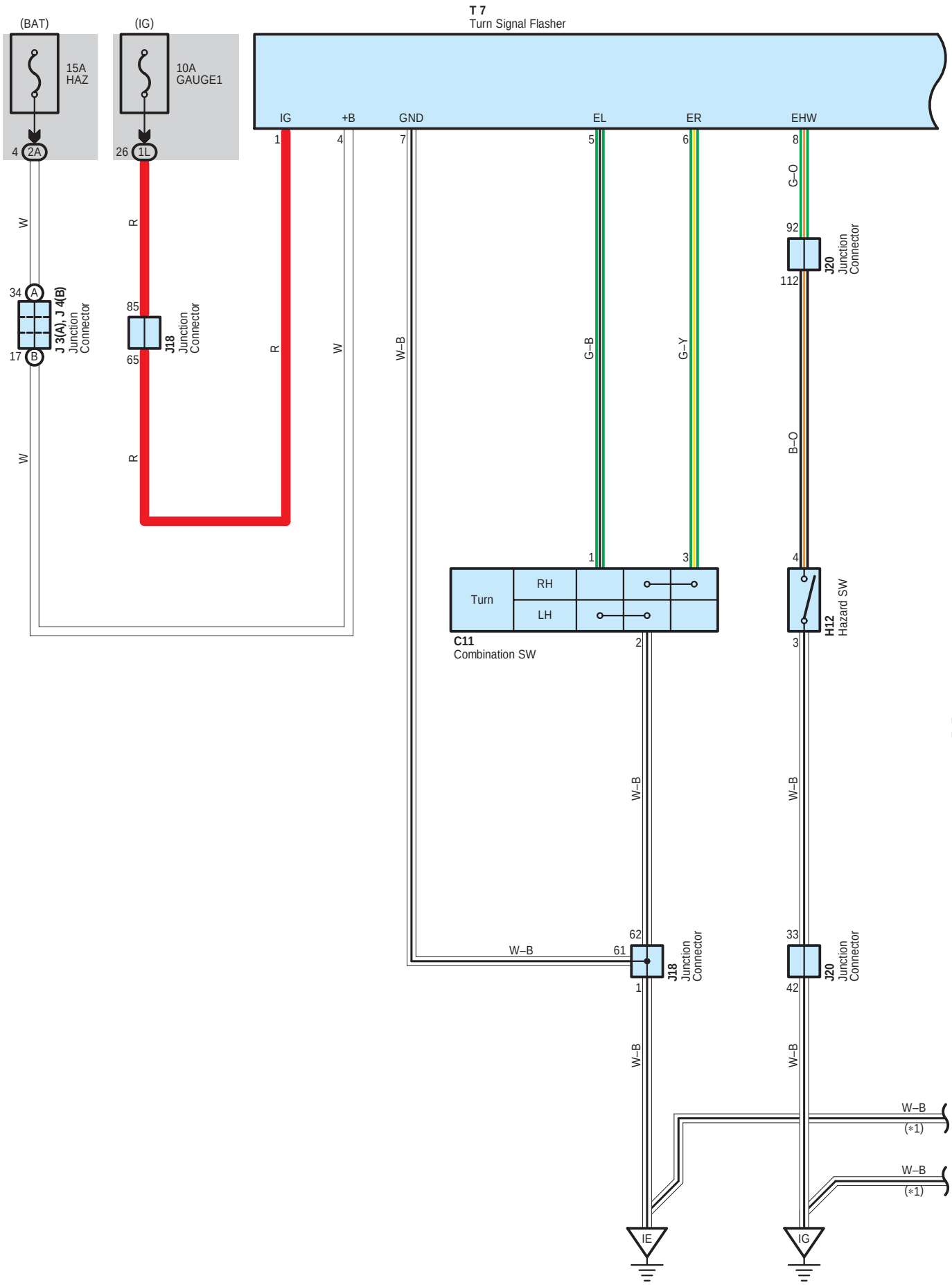
Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1C		
1K	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1L		
1P	31	Floor No.1 Wire and Driver Side J/B (Lower Finish Panel)
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

▽ : Ground Points

Code	See Page	Ground Points Location
IE	52	Left Kick Panel

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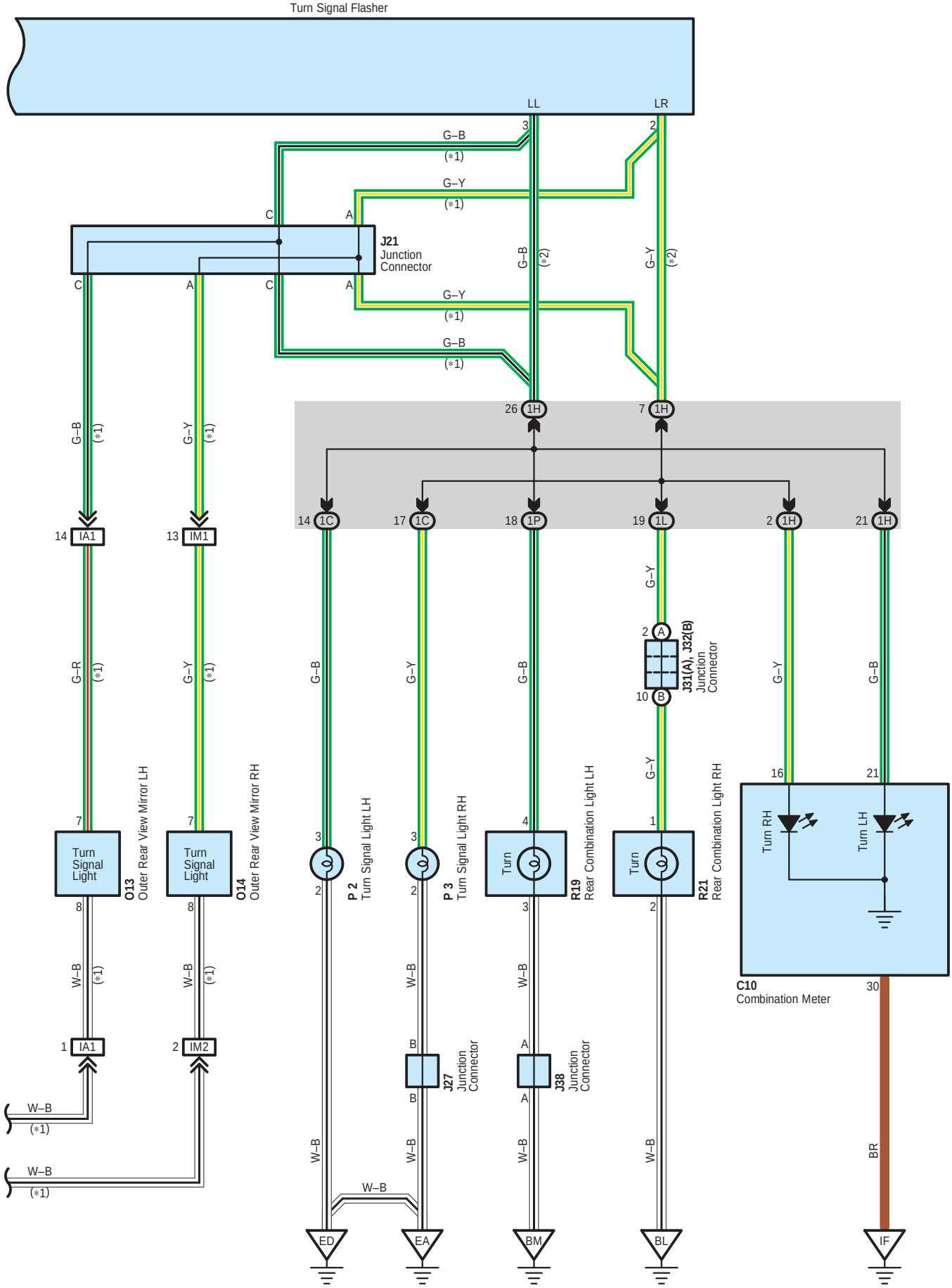
Turn Signal and Hazard Warning Light



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∗ 1 : w/ Driving Position Memory
∗ 2 : w/o Driving Position Memory

T 7
Turn Signal Flasher



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Turn Signal and Hazard Warning Light

: Parts Location

Code	See Page	Code	See Page	Code	See Page
C10	39	J21	40	P2	37
C11	39	J27	40	P3	37
H12	39	J31 A	40	R19	45
J3 A	40	J32 B	40	R21	45
J4 B	40	J38	43	T7	41
J18	40	O13	43		
J20	40	O14	43		

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1H	30	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1L	31	
1P	31	Floor No.1 Wire and Driver Side J/B (Lower Finish Panel)
2A	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

: Connector Joining Wire Harness and Wire Harness

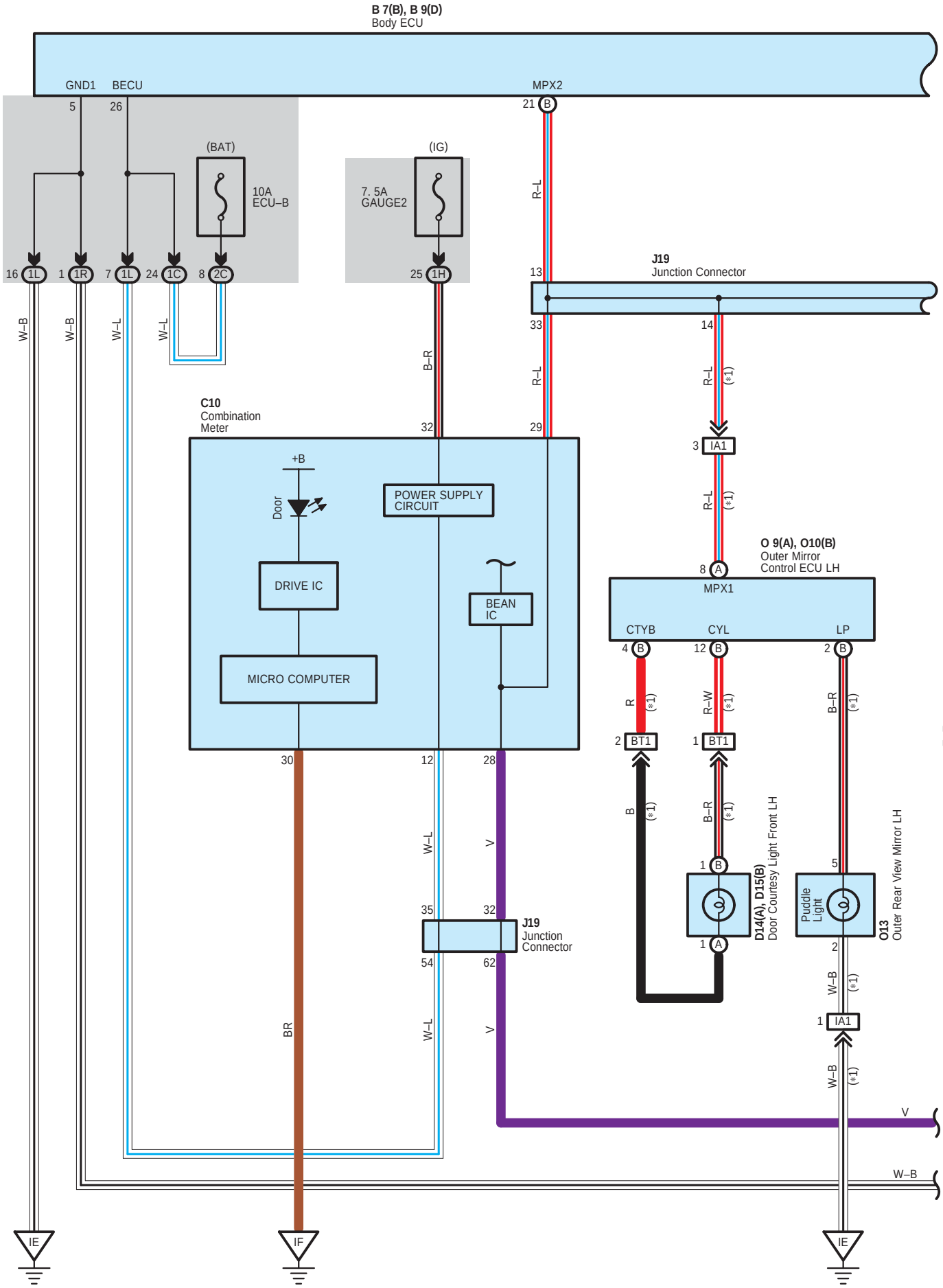
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	52	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IM1	53	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IM2		

: Ground Points

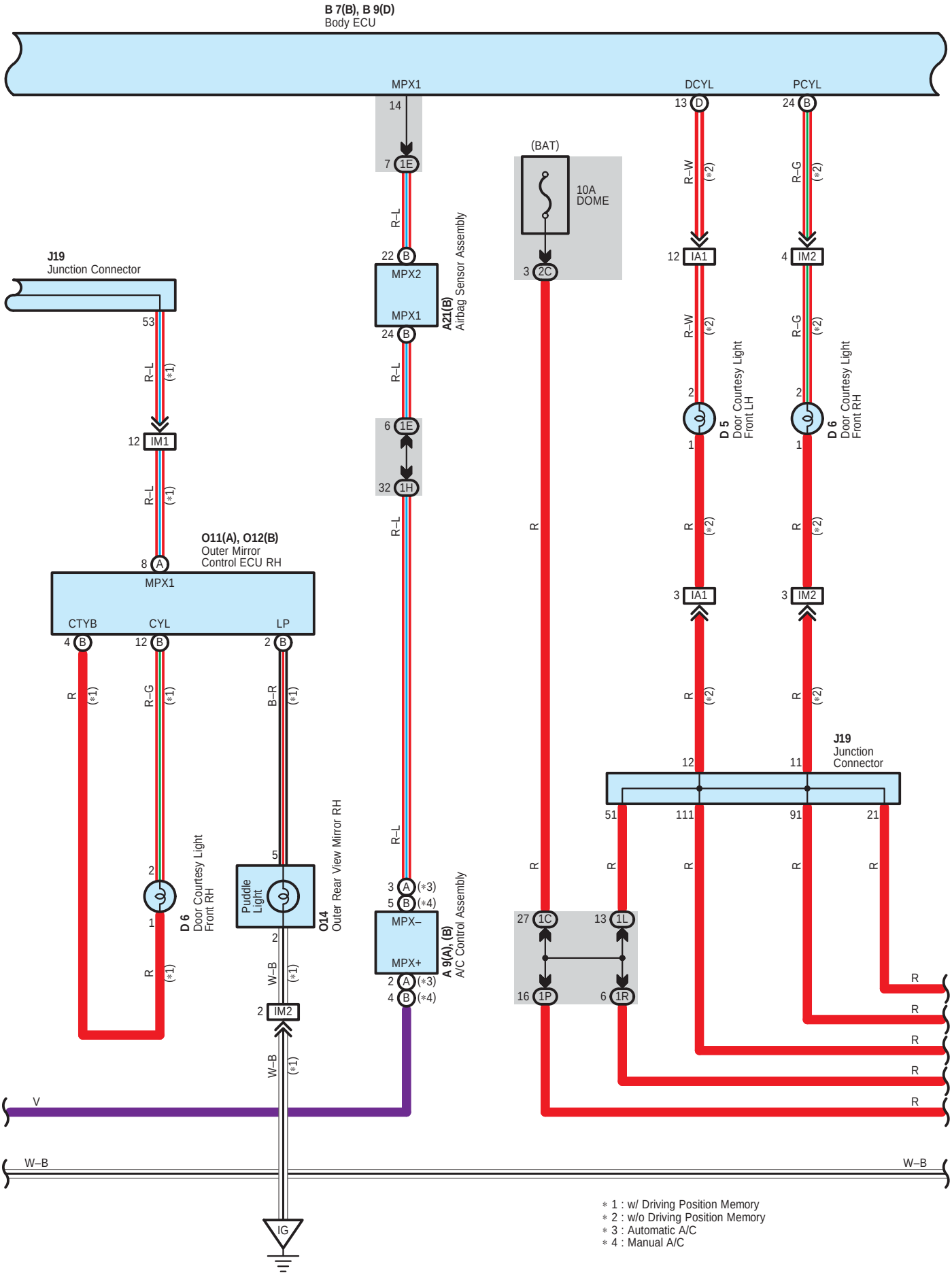
Code	See Page	Ground Points Location
EA	50	Front Side of the Right Fender Apron
ED	50	Front Side of the Left Fender Apron
IE	52	Left Kick Panel
IF	52	Instrument Panel Brace LH
IG	52	Right Kick Panel
BL	54	Right Rear Quarter Panel
BM	54	Left Rear Quarter Panel

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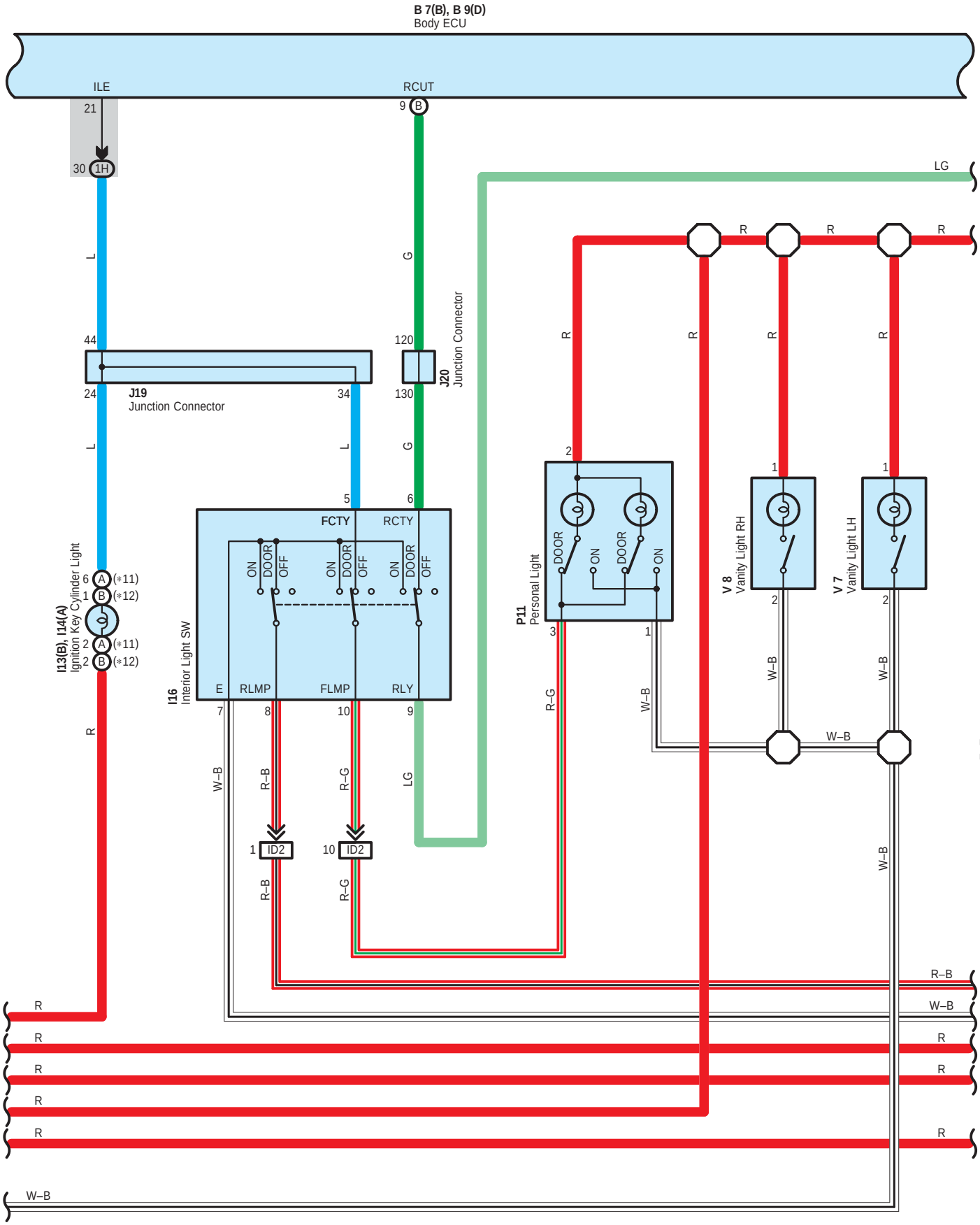


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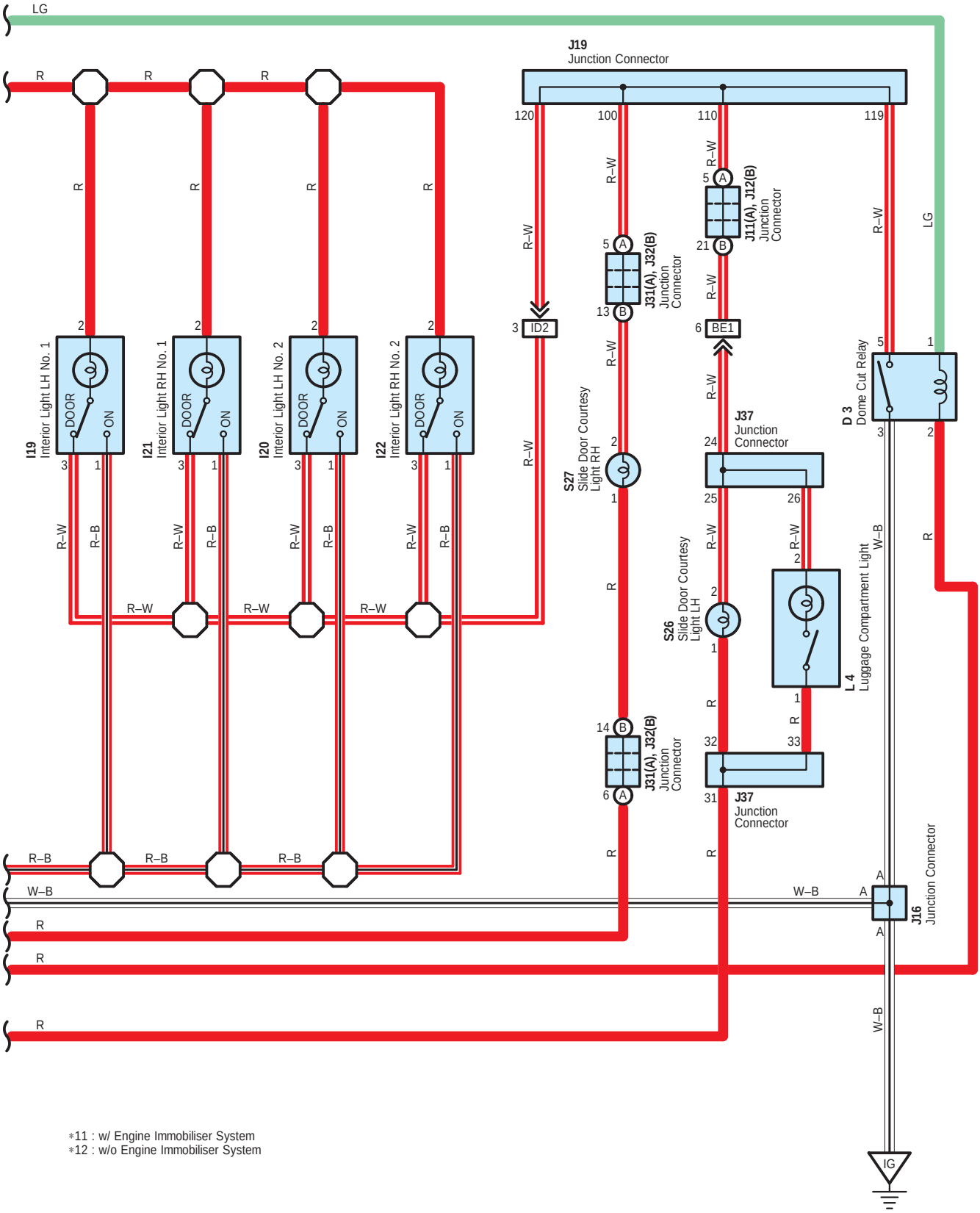
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Interior Light



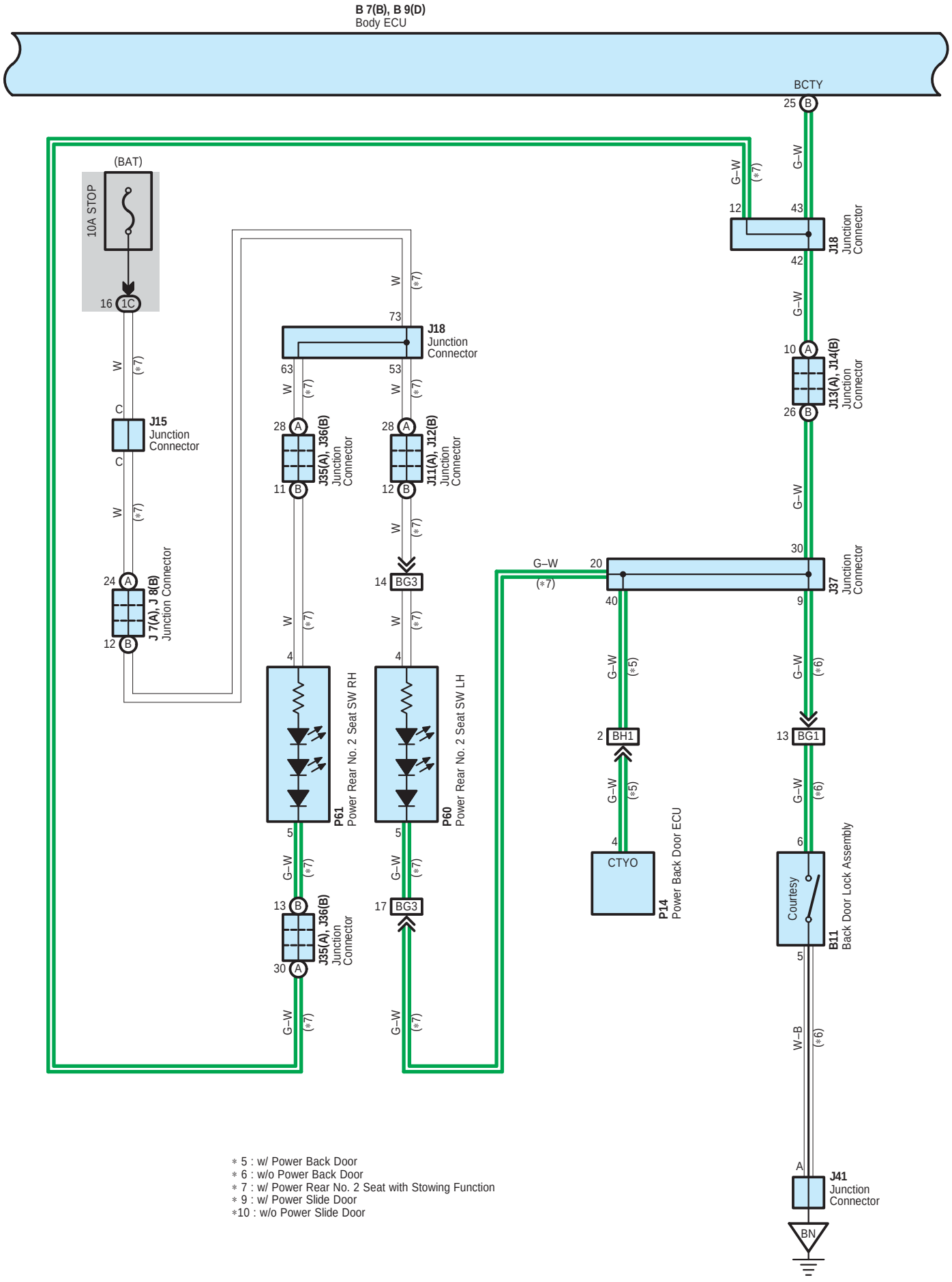
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B 7(B), B 9(D)
Body ECU

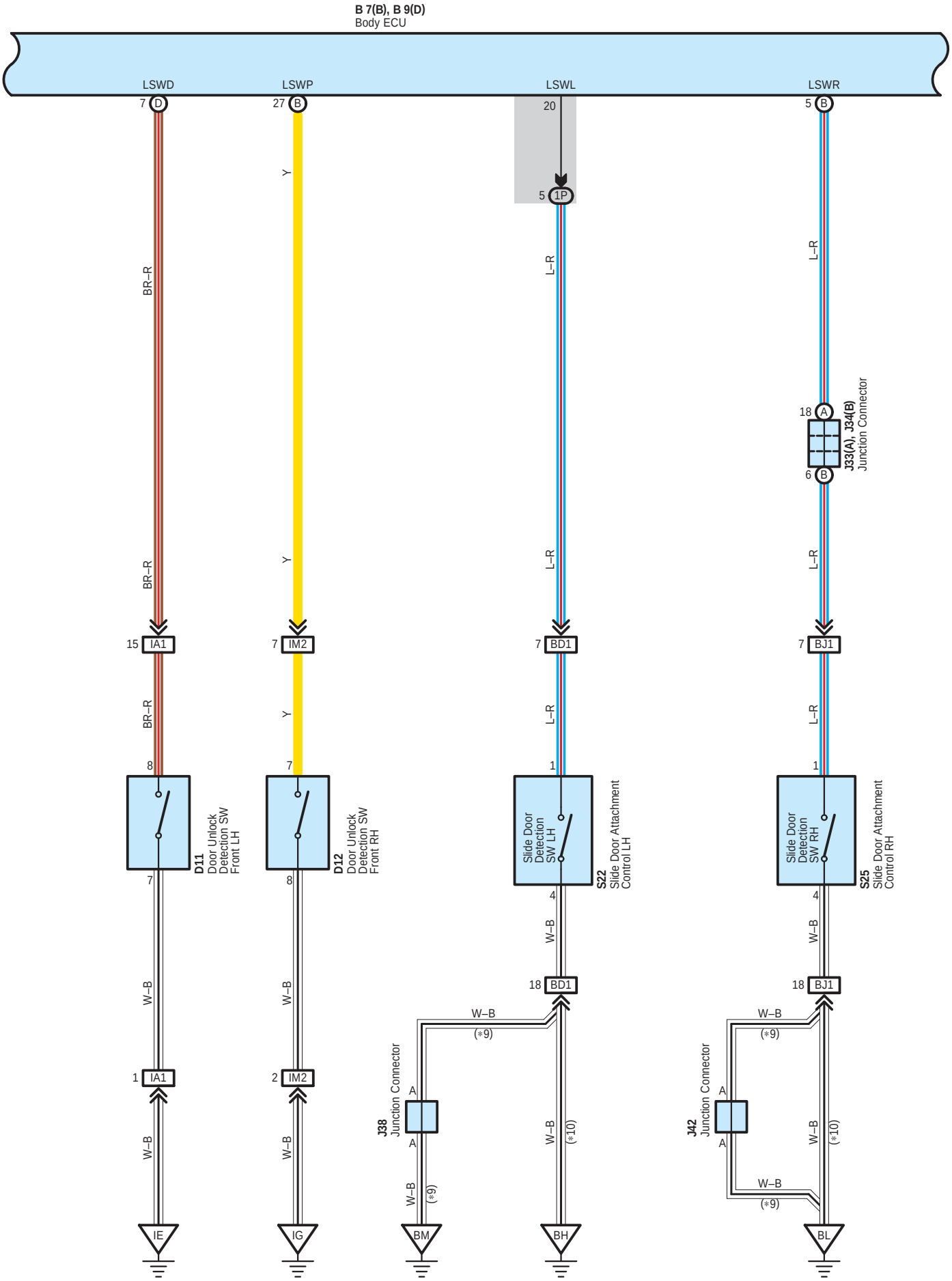


∗11 : w/ Engine Immobiliser System
∗12 : w/o Engine Immobiliser System

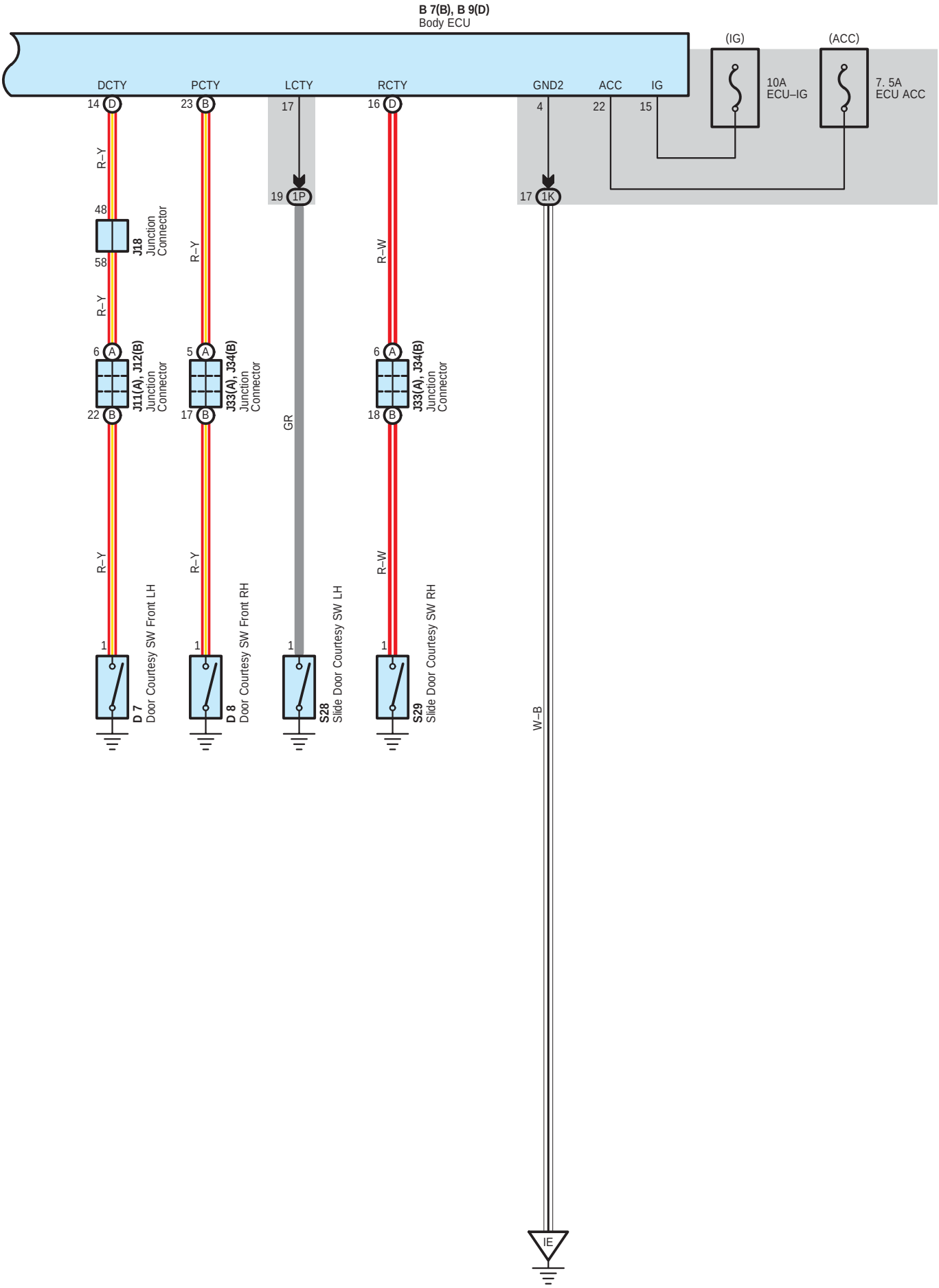
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: Parts Location

Code		See Page	Code		See Page	Code		See Page
A9	A	38	I21		42	J41		43
	B	38	I22		42	J42		43
A21	B	38	J7	A	40	L4		43
B7	B	38	J8	B	40	O9	A	43
B9	D	38	J11	A	40	O10	B	43
B11		42	J12	B	40	O11	A	43
C10		39	J13	A	40	O12	B	43
D3		39	J14	B	40	O13		43
D5		42	J15		40	O14		43
D6		42	J16		40	P11		44
D7		42	J18		40	P14		44
D8		42	J19		40	P60		44
D11		42	J20		40	P61		44
D12		42	J31	A	40	S22		45
D14	A	42	J32	B	40	S25		45
D15	B	42	J33	A	40	S26		45
I13	B	39	J34	B	40	S27		45
I14	A	39	J35	A	40	S28		45
I16		39	J36	B	40	S29		45
I19		42	J37		43	V7		45
I20		42	J38		43	V8		45

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1E	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1H	30	
1K	31	
1L		
1P	31	Floor No.1 Wire and Driver Side J/B (Lower Finish Panel)
1R	31	Roof Wire and Driver Side J/B (Lower Finish Panel)
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	52	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
ID2	52	Roof Wire and Instrument Panel Wire (Near the Driver Side J/B)
IM1	53	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IM2		
BD1	54	Rear Door No.2 Wire and Floor No.1 Wire (On the Left Rear Wheel House)
BE1	54	Floor No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)
BG1	55	Back Door No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)
BG3		
BH1	55	Floor No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)
BJ1	55	Rear Door No.1 Wire and Floor No.2 Wire (On the Right Rear Wheel House)
BT1	55	Front Door LH Wire and Courtesy Lamp Switch Wire Assembly (Inside Front Door Trim LH)

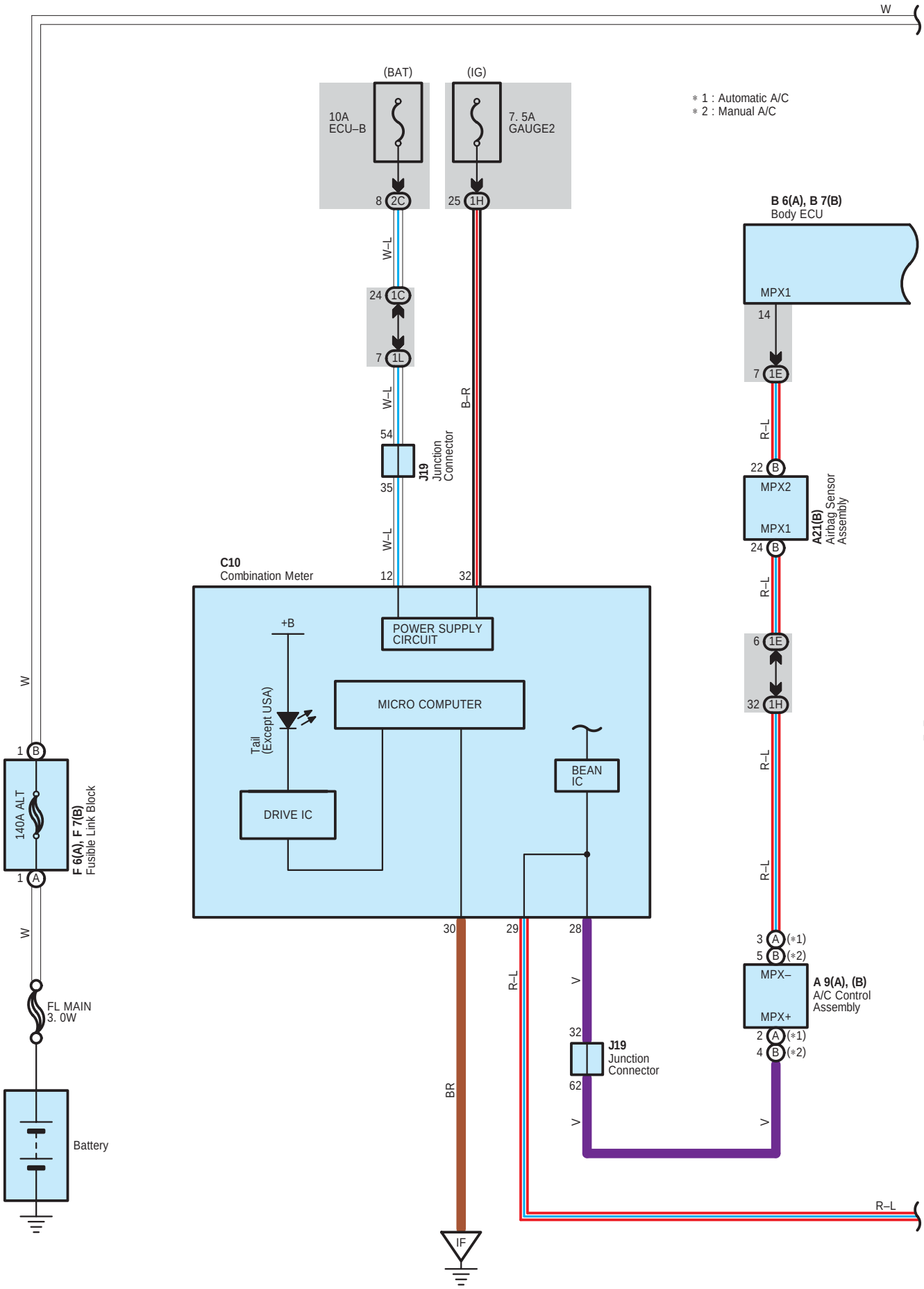
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▽ : **Ground Points**

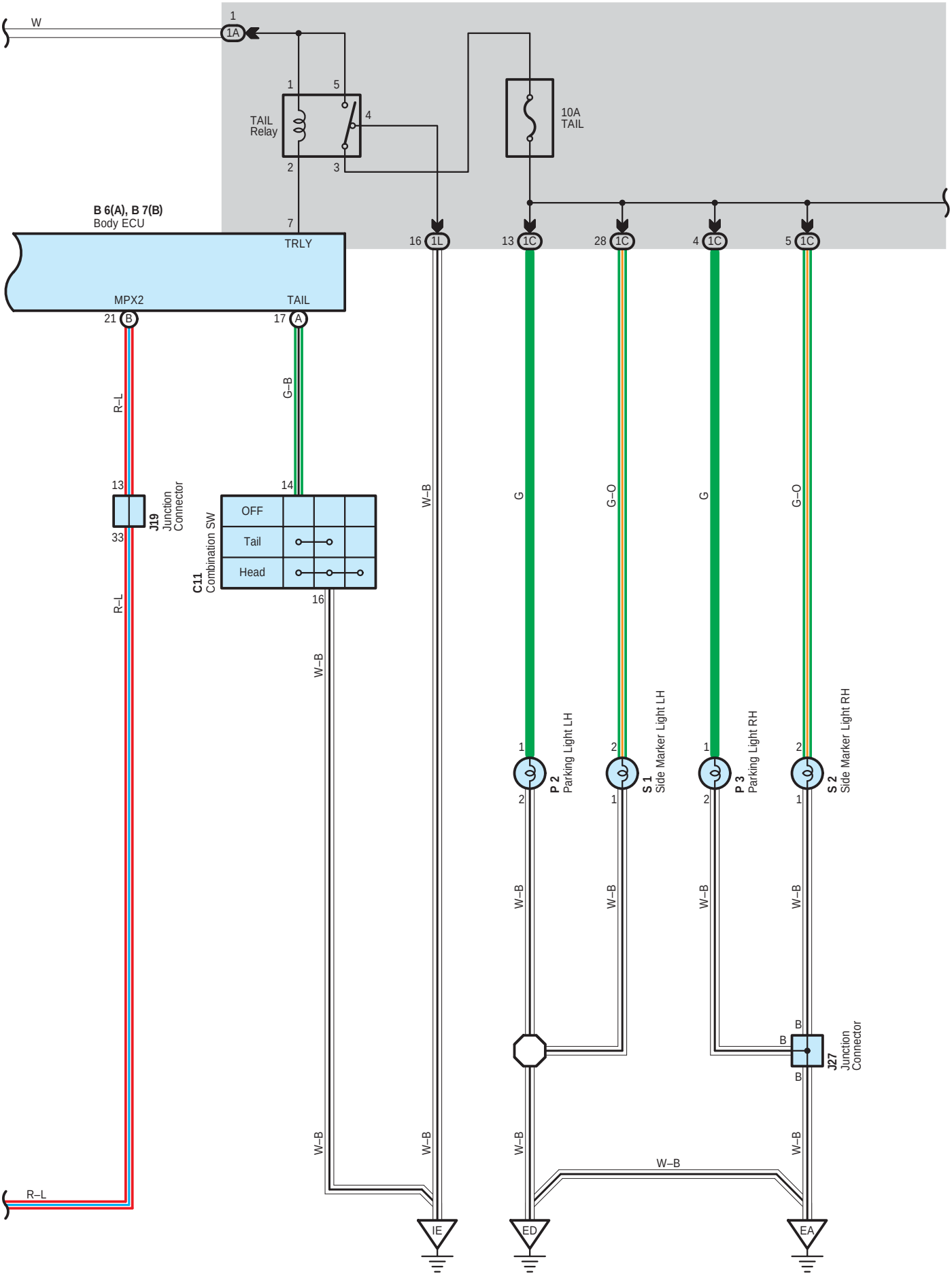
Code	See Page	Ground Points Location
IE	52	Left Kick Panel
IF	52	Instrument Panel Brace LH
IG	52	Right Kick Panel
BH	54	Under the Left Center Pillar
BL	54	Right Rear Quarter Panel
BM	54	Left Rear Quarter Panel
BN	54	Left Side of the Back Door

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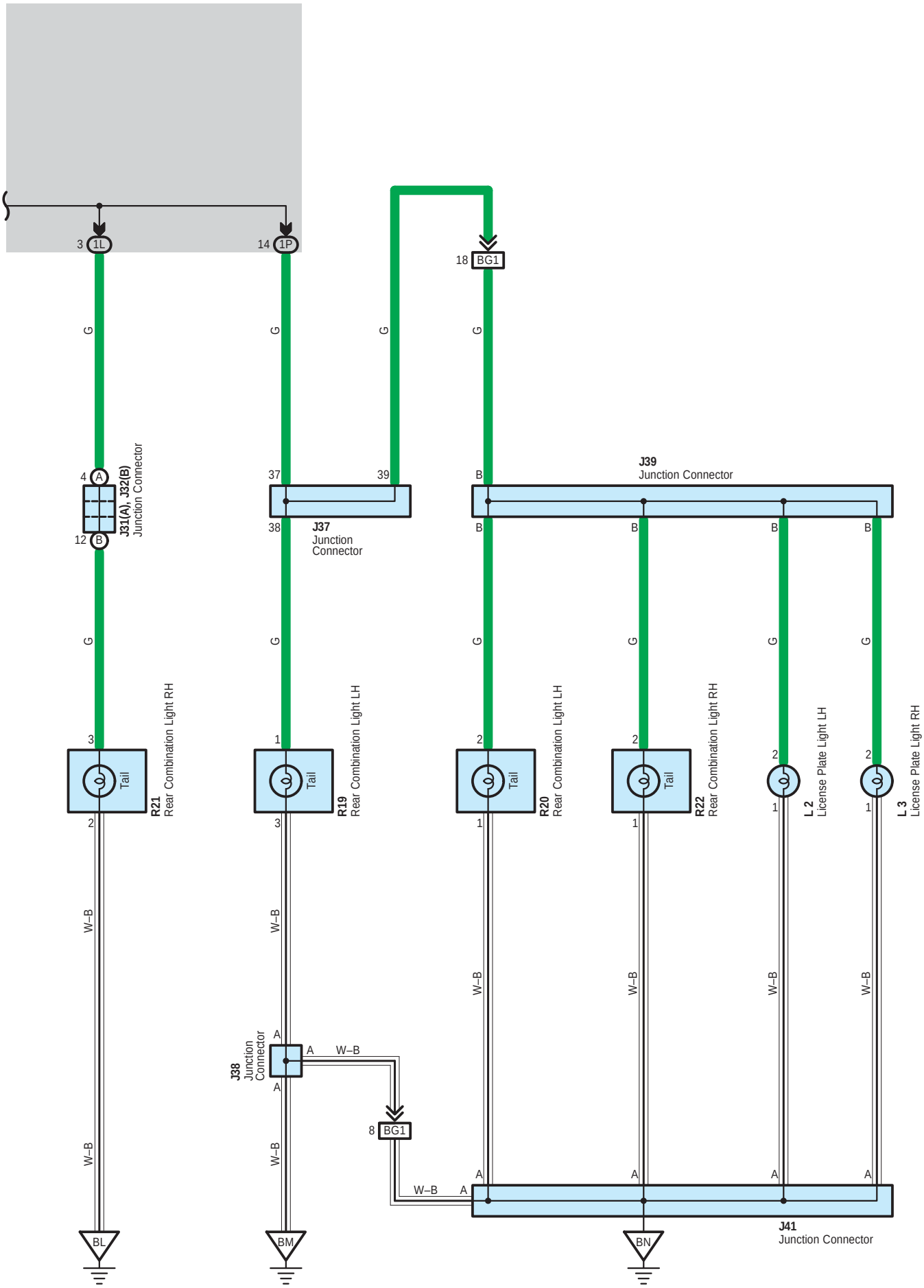
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: Parts Location

Code		See Page	Code		See Page	Code	See Page
A9	A	38	J19		40	L3	43
	B	38	J27		40	P2	37
A21	B	38	J31	A	40	P3	37
B6	A	38	J32	B	40	R19	45
B7	B	38	J37		43	R20	45
C10		39	J38		43	R21	45
C11		39	J39		43	R22	45
F6	A	36	J41		43	S1	37
F7	B	36	L2		43	S2	37

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1C		
1E	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1H	30	
1L	31	
1P	31	Floor No.1 Wire and Driver Side J/B (Lower Finish Panel)
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

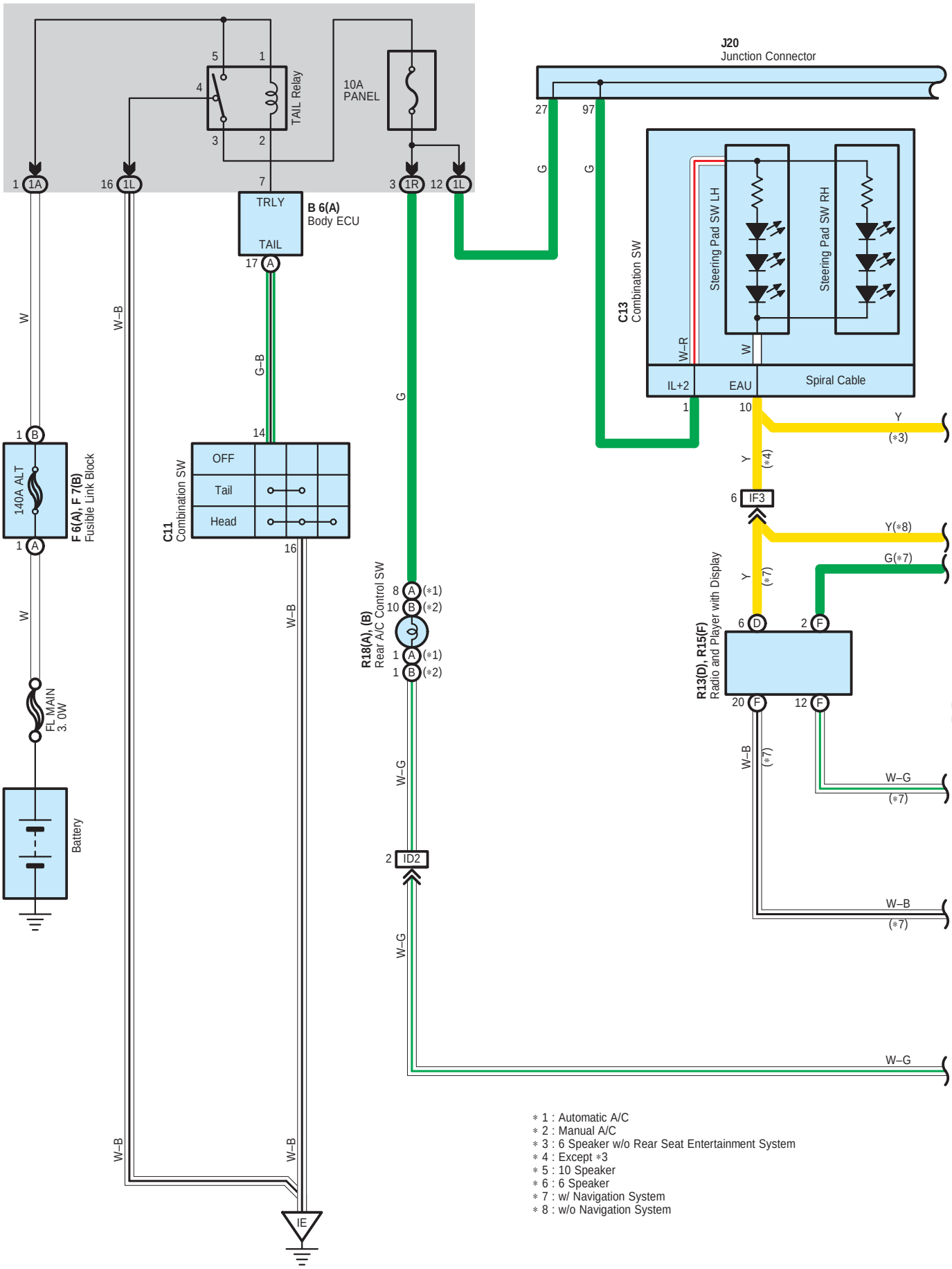
: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
BG1	55	Back Door No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)

: Ground Points

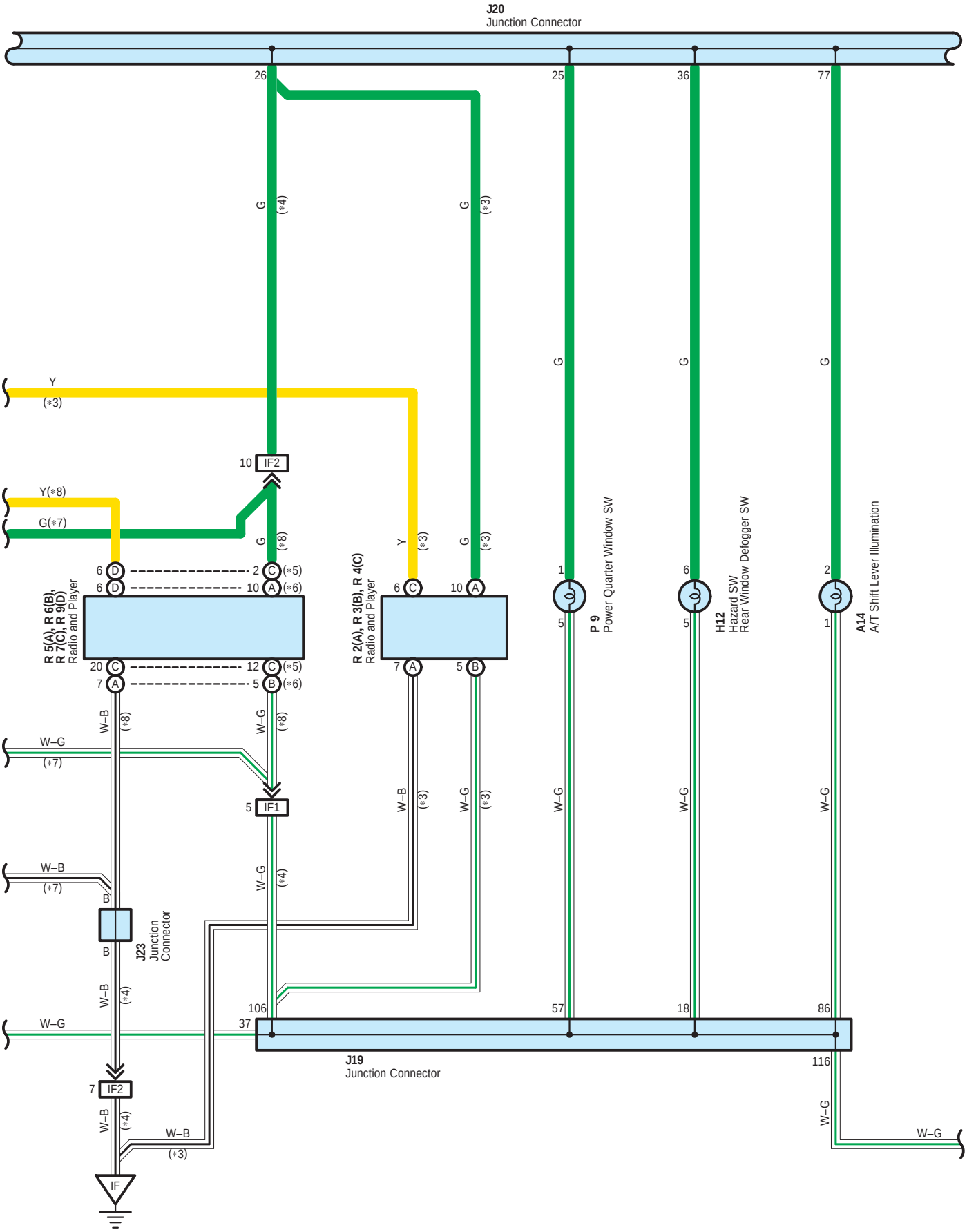
Code	See Page	Ground Points Location
EA	50	Front Side of the Right Fender Apron
ED	50	Front Side of the Left Fender Apron
IE	52	Left Kick Panel
IF	52	Instrument Panel Brace LH
BL	54	Right Rear Quarter Panel
BM	54	Left Rear Quarter Panel
BN	54	Left Side of the Back Door

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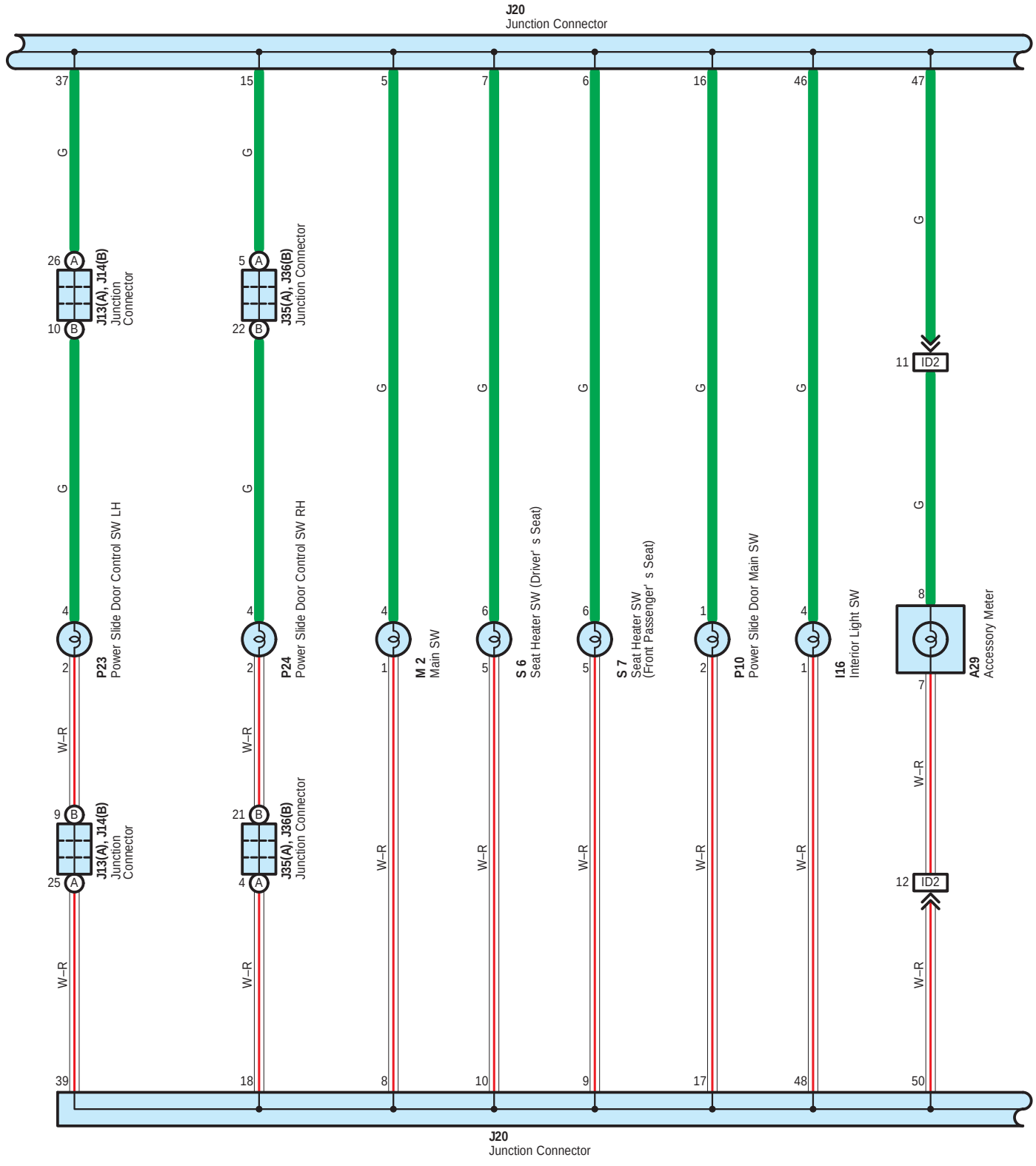
* 1 : Automatic A/C
* 2 : Manual A/C
* 3 : 6 Speaker w/o Rear Seat Entertainment System
* 4 : Except *3
* 5 : 10 Speaker
* 6 : 6 Speaker
* 7 : w/ Navigation System
* 8 : w/o Navigation System

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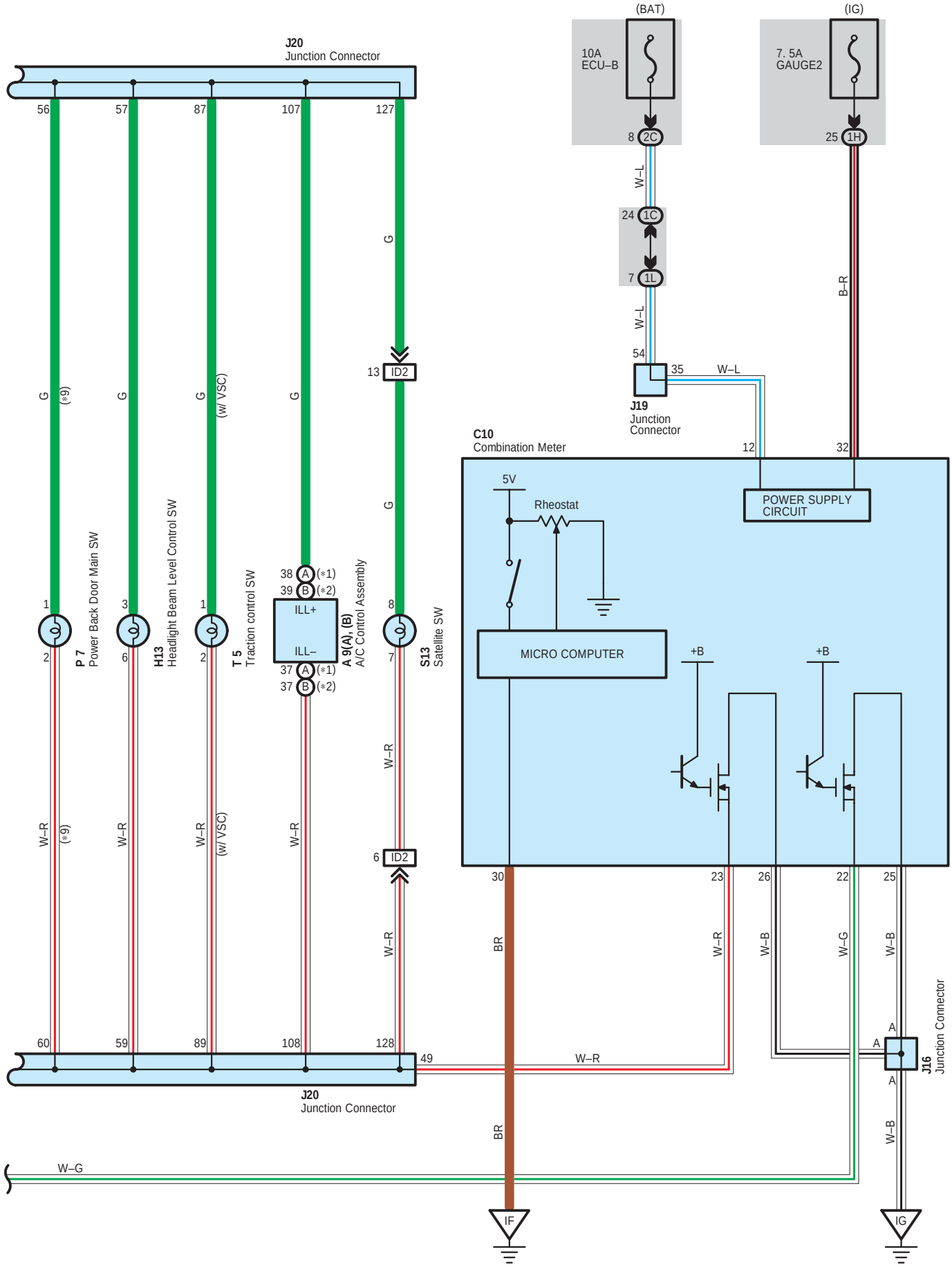
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* 1 : Automatic A/C
* 2 : Manual A/C
* 9 : w/ Power Back Door





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○ : **Parts Location**

Code		See Page	Code		See Page	Code		See Page
A9	A	38	J14	B	40	R3	B	41
	B	38	J16		40	R4	C	41
A14		38	J19		40	R5	A	41
A29		42	J20		40	R6	B	41
B6	A	38	J23		40	R7	C	41
C10		39	J35	A	40	R9	D	41
C11		39	J36	B	40	R13	D	41
C13		39	M2		40	R15	F	41
F6	A	36	P7		41	R18	A	45
F7	B	36	P9		41		B	45
H12		39	P10		41	S6		41
H13		39	P23		44	S7		41
I16		39	P24		44	S13		45
J13	A	40	R2	A	41	T5		41

⬭ : **Junction Block and Wire Harness Connector**

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1C		
1H	30	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1L	31	
1R	31	Roof Wire and Driver Side J/B (Lower Finish Panel)
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

▭ : **Connector Joining Wire Harness and Wire Harness**

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
ID2	52	Roof Wire and Instrument Panel Wire (Near the Driver Side J/B)
IF1	52	Instrument Panel Wire and Instrument Panel No.2 Wire (Instrument Panel Center)
IF2		
IF3		

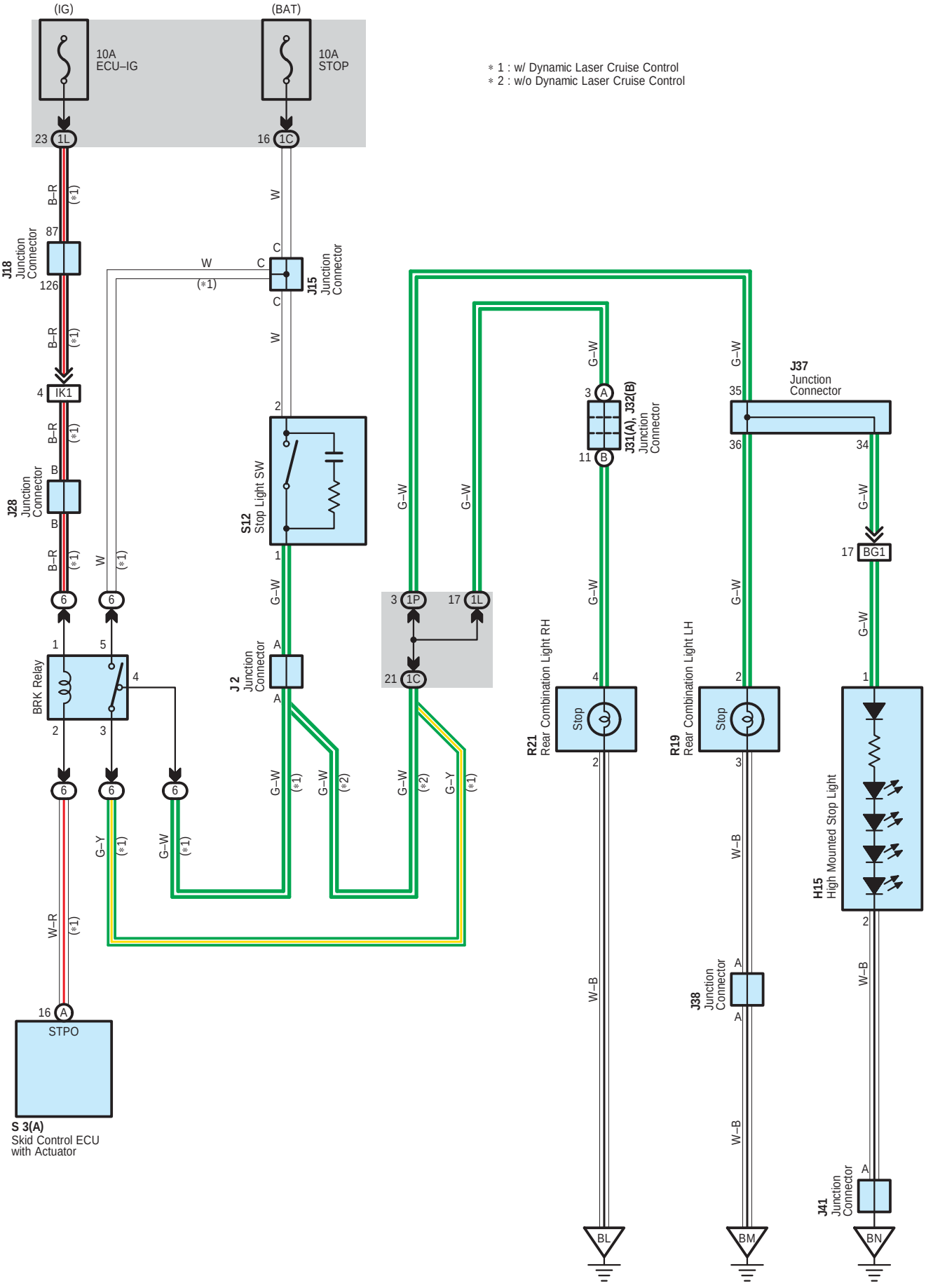
▽ : **Ground Points**

Code	See Page	Ground Points Location
IE	52	Left Kick Panel
IF	52	Instrument Panel Brace LH
IG	52	Right Kick Panel

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Stop Light



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: Parts Location

Code	See Page	Code	See Page	Code	See Page
H15	42	J31 A	40	R19	45
J2	37	J32 B	40	R21	45
J15	40	J37	43	S3 A	37
J18	40	J38	43	S12	41
J28	40	J41	43		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
6	28	R/B No.6 (Engine Compartment Left)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1L	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1P	31	Floor No.1 Wire and Driver Side J/B (Lower Finish Panel)

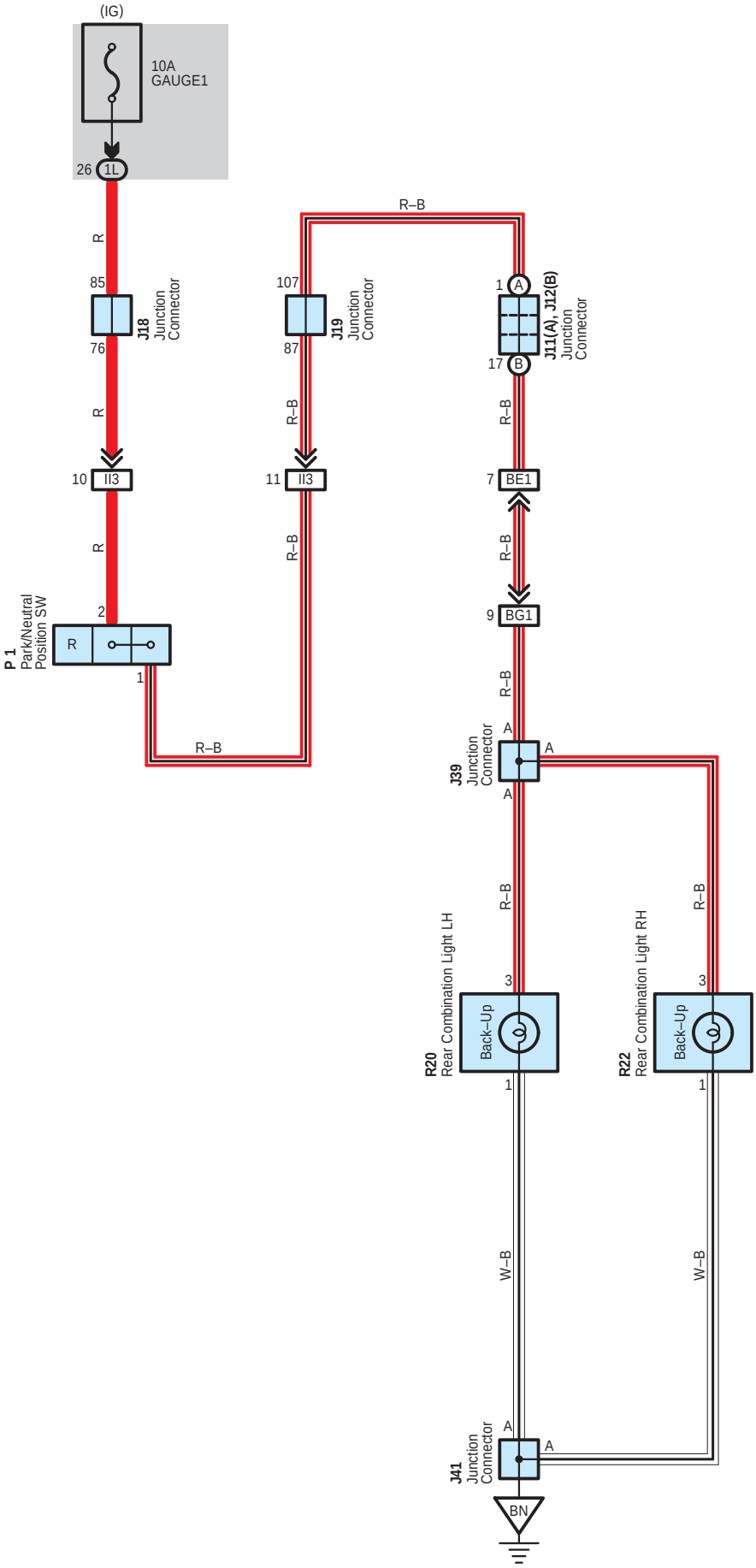
: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IK1	53	Engine Room Main Wire and Instrument Panel Wire (Right Kick Panel)
BG1	55	Back Door No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)

: Ground Points

Code	See Page	Ground Points Location
BL	54	Right Rear Quarter Panel
BM	54	Left Rear Quarter Panel
BN	54	Left Side of the Back Door

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: Parts Location

Code		See Page	Code	See Page	Code	See Page
J11	A	40	J19	40	P1	37
J12	B	40	J39	43	R20	45
J18		40	J41	43	R22	45

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1L	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)

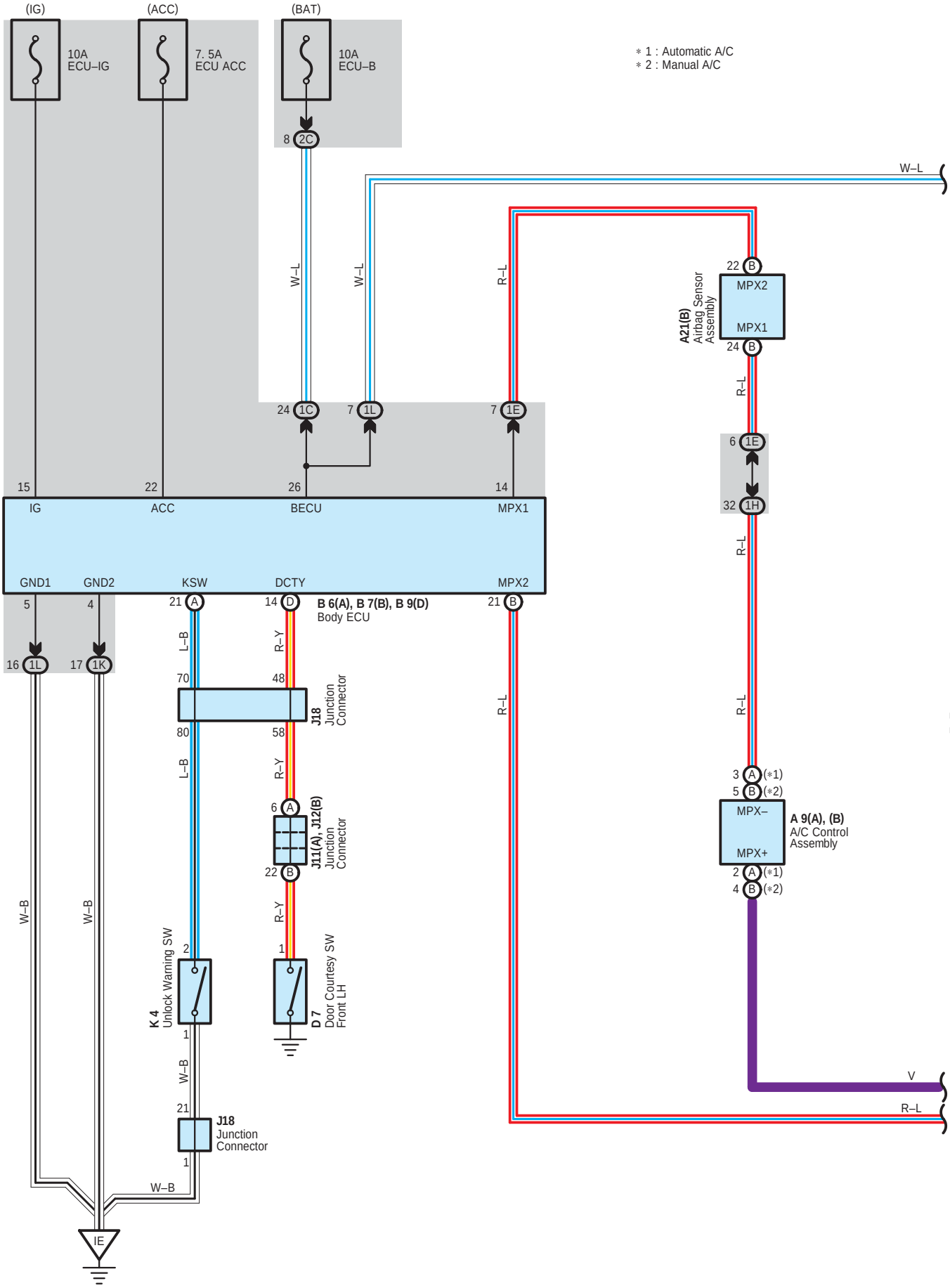
: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
II3	53	Engine Wire and Instrument Panel Wire (Right Kick Panel)
BE1	54	Floor No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)
BG1	55	Back Door No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)

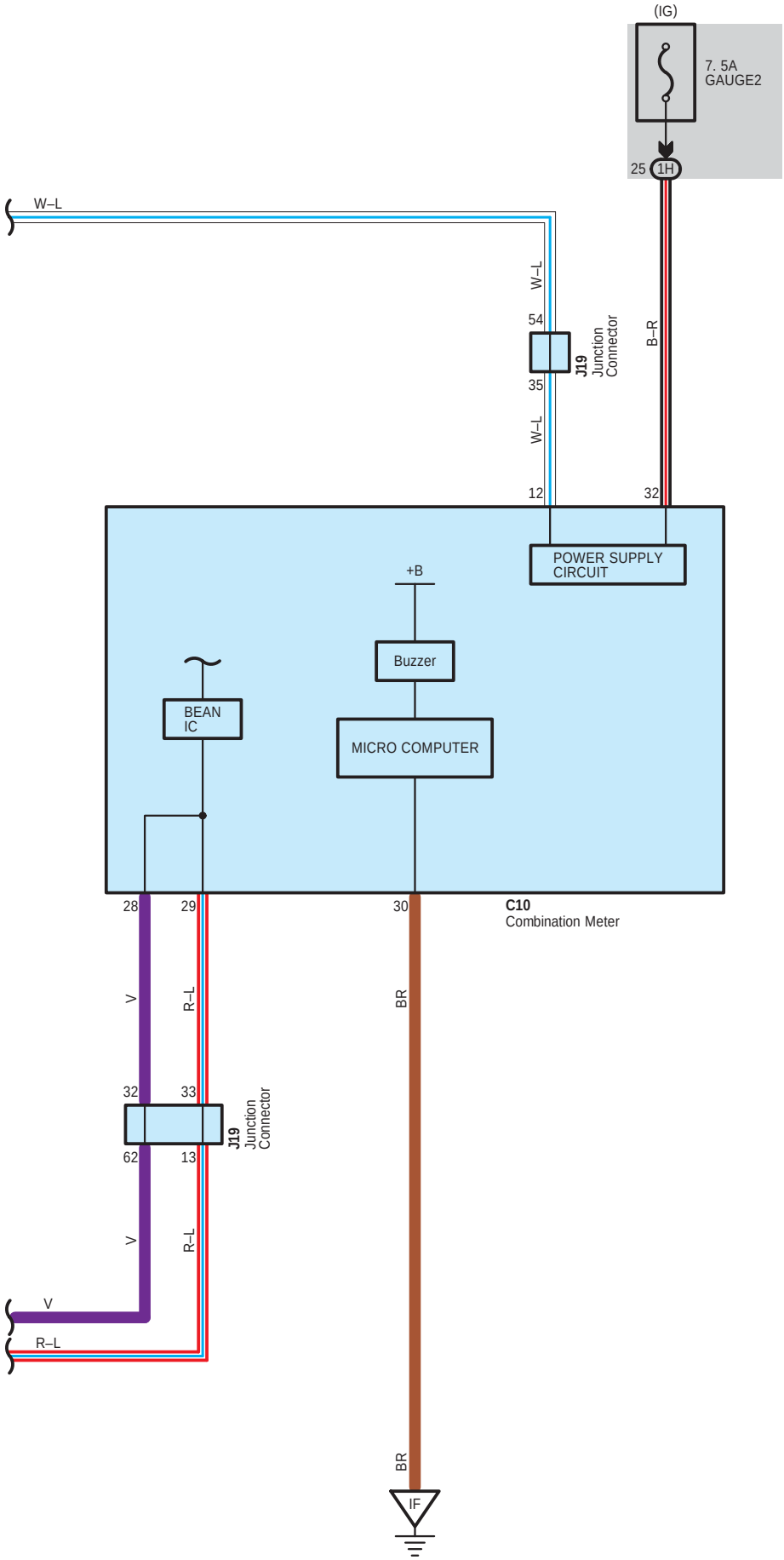
: Ground Points

Code	See Page	Ground Points Location
BN	54	Left Side of the Back Door

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Key Reminder

○ : Parts Location

Code		See Page	Code		See Page	Code	See Page
A9	A	38	B9	D	38	J18	40
	B	38	C10		39	J19	40
A21	B	38	D7		42	K4	40
B6	A	38	J11	A	40		
B7	B	38	J12	B	40		

⬭ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1E	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1H	30	
1K	31	
1L		
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

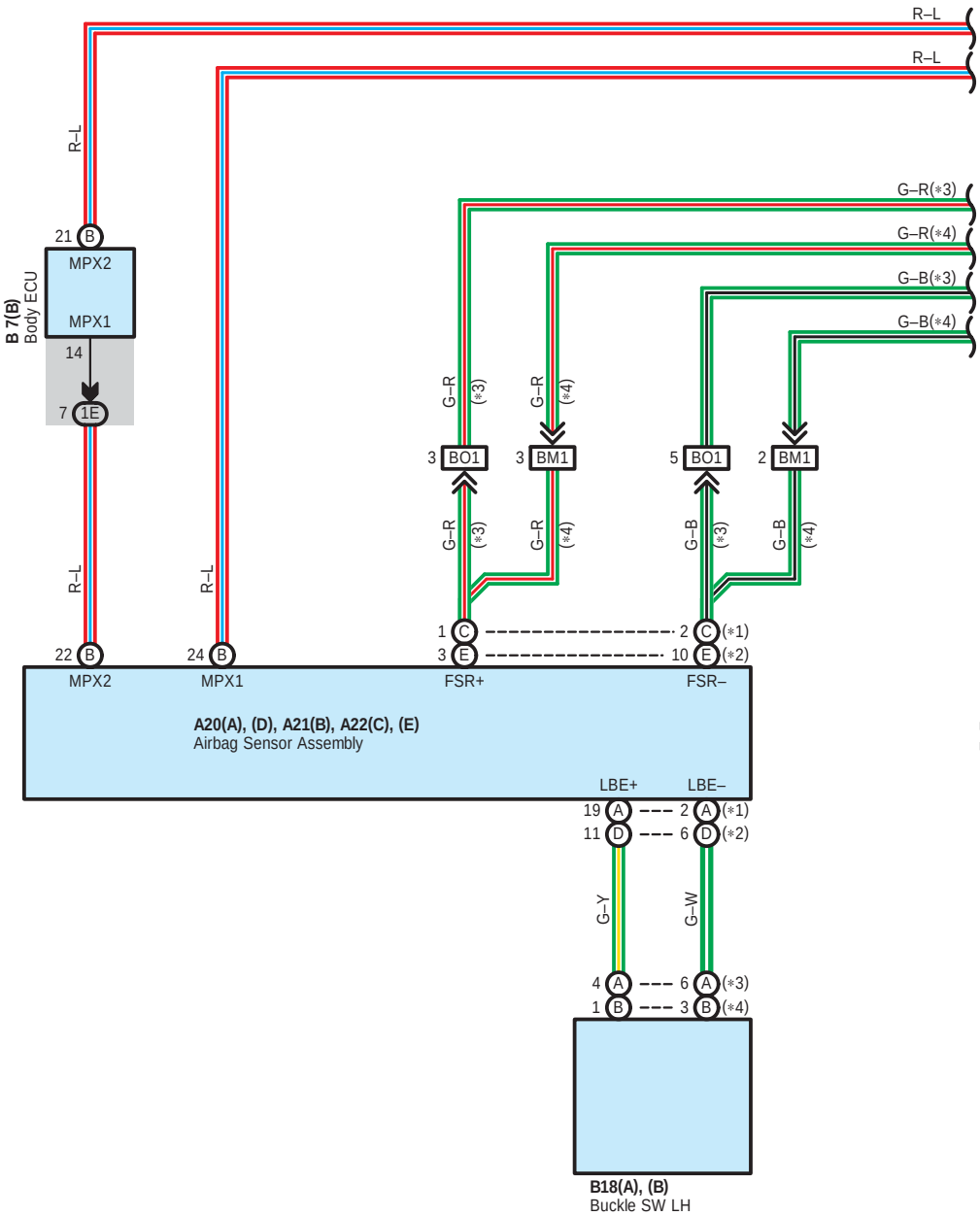
▽ : Ground Points

Code	See Page	Ground Points Location
IE	52	Left Kick Panel
IF	52	Instrument Panel Brace LH

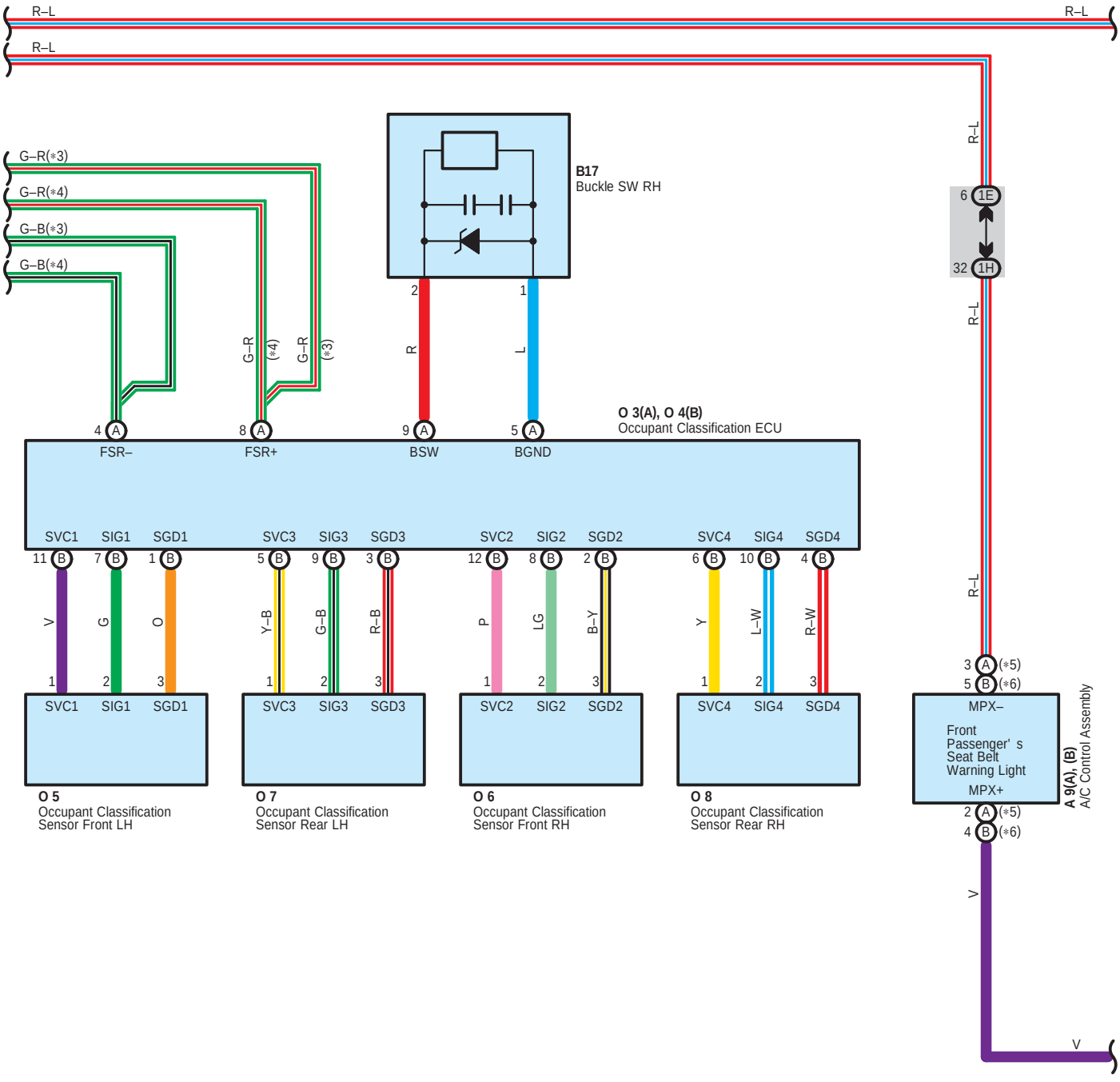
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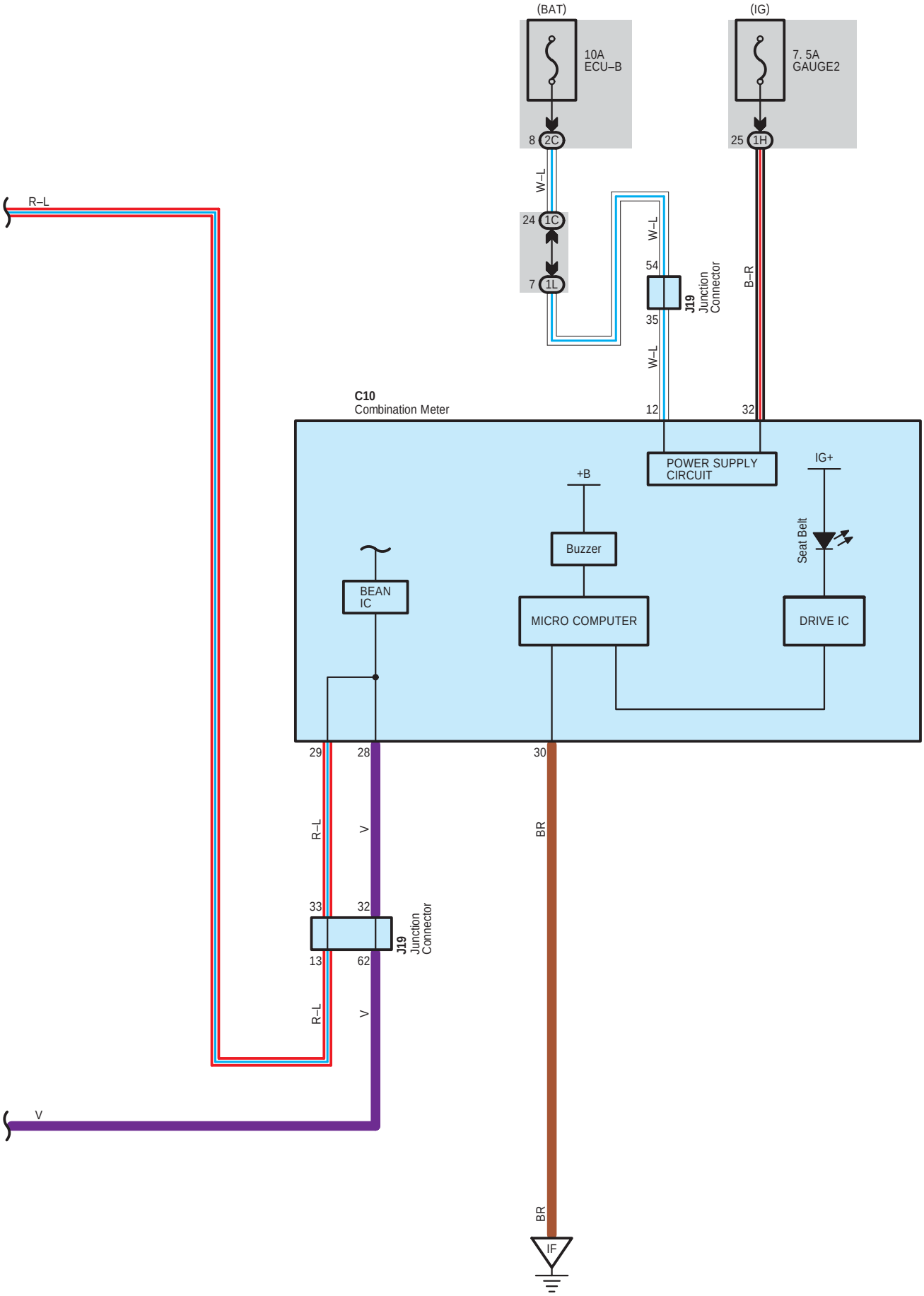
∗ 1 : w/ Side Airbag
∗ 2 : w/o Side Airbag
∗ 3 : w/ Power Seat
∗ 4 : w/o Power Seat
∗ 5 : Automatic A/C
∗ 6 : Manual A/C



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: Parts Location

Code		See Page	Code		See Page	Code	See Page
A9	A	38	B18	A	46 (*1)	O5	46 (*1)
	B	38			47 (*2)		47 (*2)
A20	A	38		B	46 (*1)	O6	46 (*1)
	D	38			47 (*2)		47 (*2)
A21	B	38	C10		39	O7	46 (*1)
A22	C	38	J19		40		47 (*2)
	E	38	O3	A	46 (*1)	O8	46 (*1)
B7	B	38			47 (*2)		47 (*2)
B17		46 (*1)	O4	B	46 (*1)		
		47 (*2)			47 (*2)		

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1E	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1H	30	
1L	31	
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

: Connector Joining Wire Harness and Wire Harness

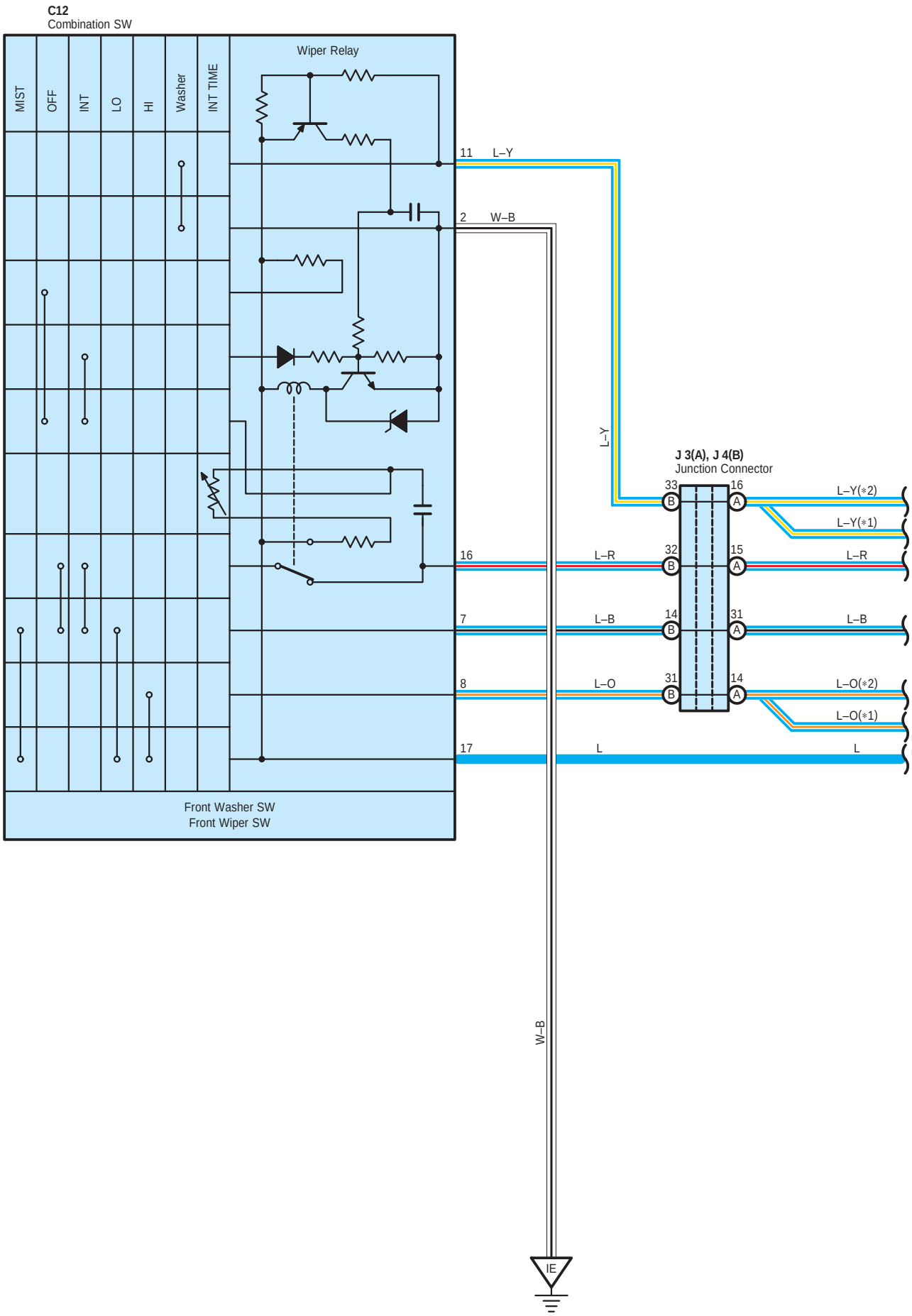
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
BM1	57 (*2)	Floor No.2 Wire and Seat No.1 Wire (Under the Front Passenger's Seat)
BO1	56 (*1)	Seat No.1 Wire and Floor No.2 Wire (Under the Front Passenger's Seat)

: Ground Points

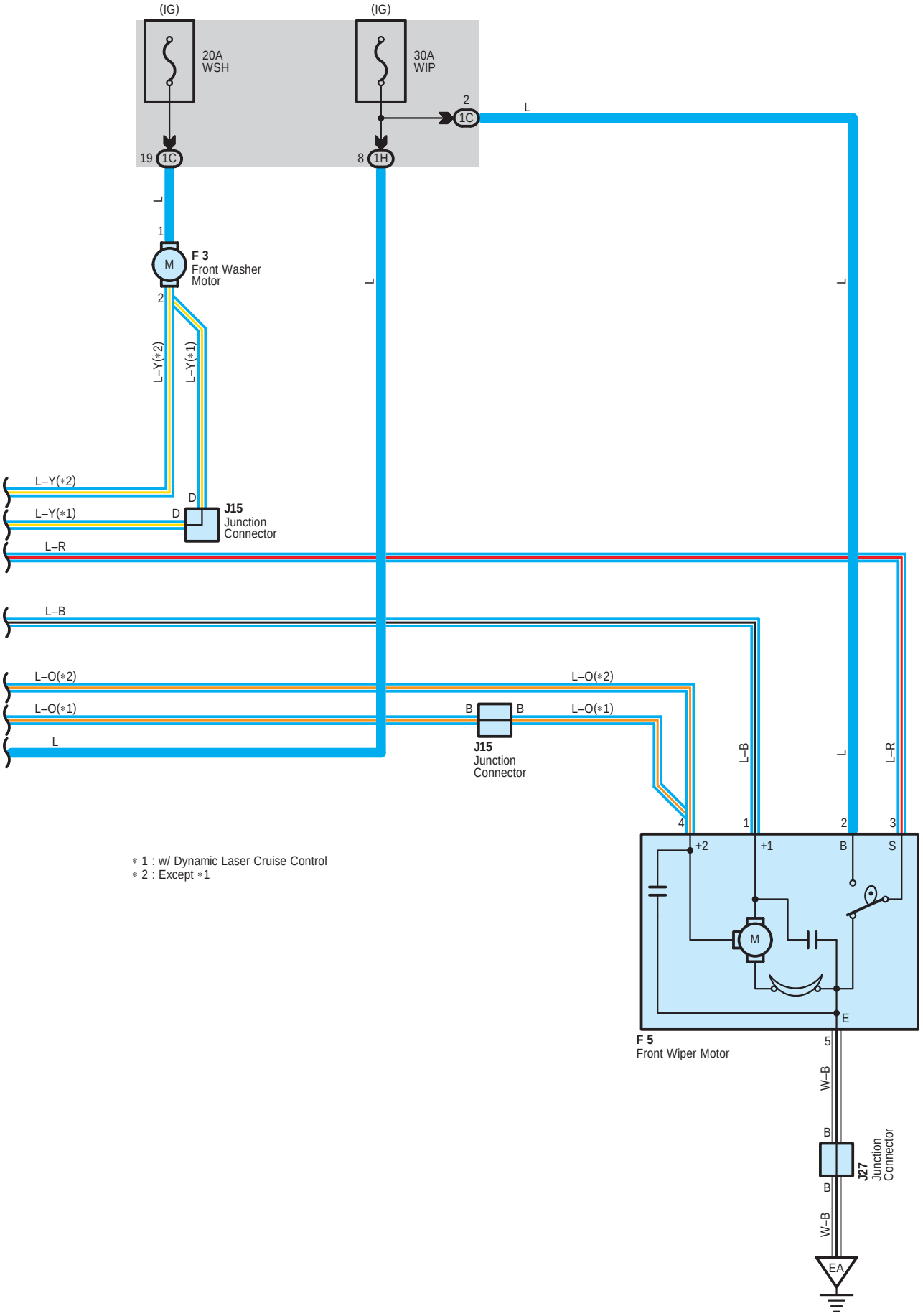
Code	See Page	Ground Points Location
IF	52	Instrument Panel Brace LH

* 1 : Front Seat w/ Power Seat * 2 : Front Seat w/o Power Seat * 3 : Rear No.2 Seat

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Front Wiper and Washer

System Outline

With the ignition SW turned on, the current flows to TERMINAL 17 of the wiper and washer SW and TERMINAL 2 of the front wiper motor through the WIP fuse. The current flows to TERMINAL 1 of the front washer motor through the WSH fuse.

1. Low Speed Position

With the front wiper and washer SW turned to LO position, the current flows from TERMINAL 17 of the front wiper and washer SW to TERMINAL 7 to TERMINAL 1 of the front wiper motor to TERMINAL 5 to GROUND and causes the front wiper motor to run at low speed.

2. High Speed Position

With the front wiper and washer SW turned to HI position, the current flows from TERMINAL 17 of the wiper and washer SW to TERMINAL 8 to TERMINAL 4 of the front wiper motor to TERMINAL 5 to GROUND and causes the front wiper motor to run at high speed.

3. INT Position

With the wiper and washer SW turned to INT position, the wiper relay operates and current flows from TERMINAL 17 of the front wiper and washer SW to TERMINAL 2 to GROUND. This activates the intermittent circuit and the current flows from TERMINAL 17 of the front wiper and washer SW to TERMINAL 7 to TERMINAL 1 of the front wiper motor to TERMINAL 5 to GROUND and the wiper operates. Intermittent operation is controlled by a condenser charge and discharge function in the relay.

4. Washer Interlocking Operation

With the front wiper and washer SW pulled to washer position (Washer SW ON position), the current flows from the WSH fuse to TERMINAL 1 of the front washer motor to TERMINAL 2 to TERMINAL 11 of the front wiper and washer SW to TERMINAL 2 to GROUND and causes the front washer motor to run and the window washer to spray. Simultaneously, current flows from the WIP fuse to TERMINAL 17 of the front wiper and washer SW to TERMINAL 7 to TERMINAL 1 of the front wiper motor to TERMINAL 5 to GROUND, causing the wiper to function.

○ : Parts Location

Code	See Page	Code		See Page	Code	See Page
C12	39	J3	A	40	J27	40
F3	36	J4	B	40		
F5	36	J15		40		

⬭ : Junction Block and Wire Harness Connector

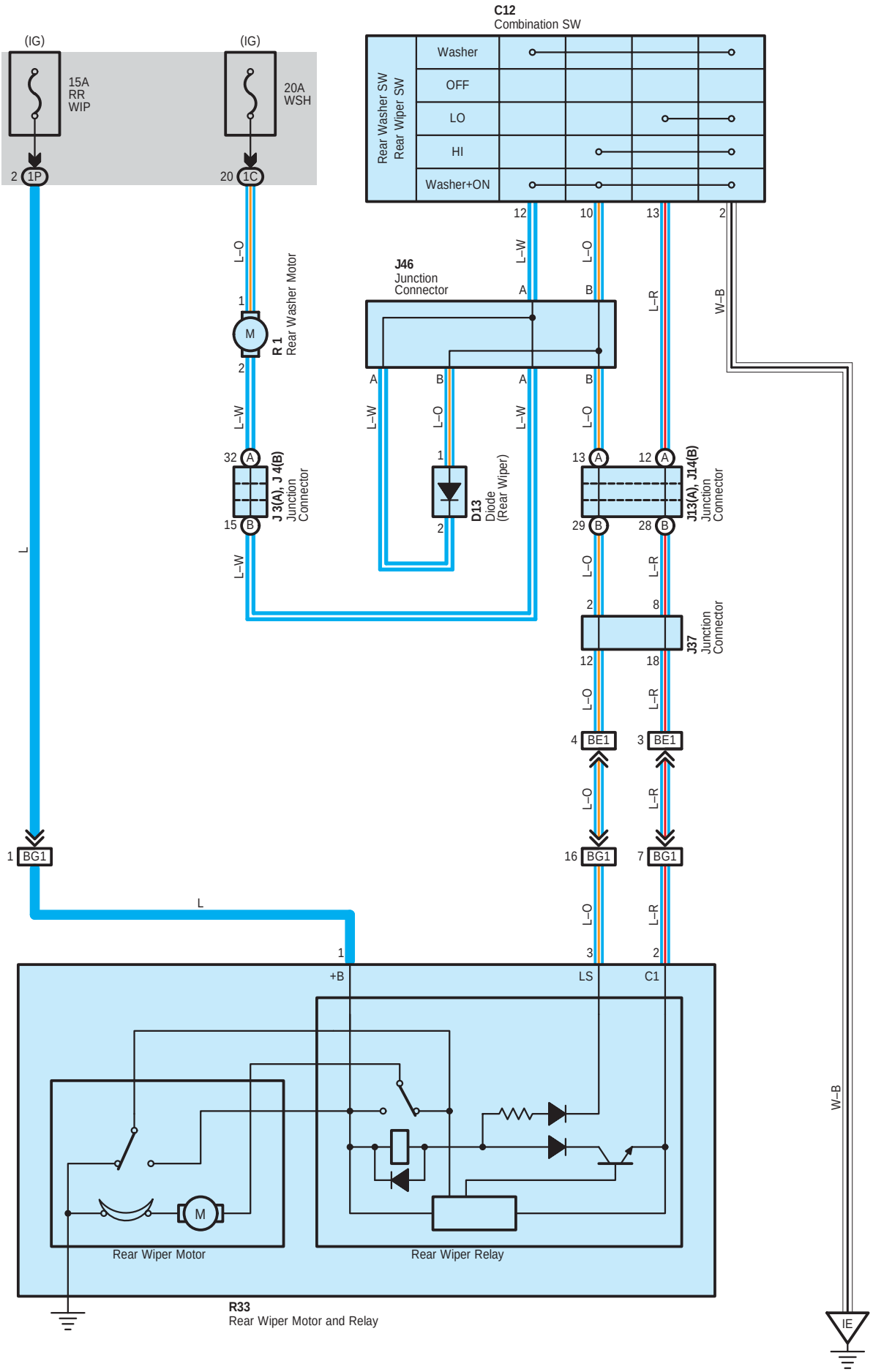
Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1H	30	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)

▽ : Ground Points

Code	See Page	Ground Points Location
EA	50	Front Side of the Right Fender Apron
IE	52	Left Kick Panel

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System Outline

When the ignition SW is turned on, the current flows from the WSH fuse to rear washer motor TERMINAL 1, and the current flows from the RR WIP fuse to rear wiper motor and relay TERMINAL 1 respectively.

1. Rear Wiper Normal Operation

When the ignition SW is turned on, and the rear wiper and washer SW is turned to HI position, the current flows from the rear wiper motor and relay TERMINAL 1 to TERMINAL 3 to the rear wiper and washer SW TERMINAL 10 to TERMINAL 2 to GROUND, and turns on the rear wiper relay. As a result, the current flows from the rear wiper motor and relay TERMINAL 1 to the rear wiper motor to GROUND, and operates the rear wiper.

2. Rear Wiper Intermittent Operation

When the ignition SW is turned on and the rear wiper and washer SW is turned to LO position, current to TERMINAL 1 of the rear wiper motor and relay flows to TERMINAL 2 of the rear wiper motor and relay to TERMINAL 13 of the rear wiper and washer SW to TERMINAL 2 to GROUND.

This causes the motor to operate (The point changes) and the intermittent circuit of the relay operates. Intermittent operation of the circuit is controlled by the charging and discharging of the condenser installed inside the relay.

3. Washer Operation

With the ignition SW turned on and the rear wiper and washer SW turned to ON position, when the washer is turned ON (To wiper HI side), current to TERMINAL 1 of the rear washer motor flows to TERMINAL 2 of the motor to TERMINAL 12 of the rear wiper and washer SW to TERMINAL 2 to GROUND so that the rear washer motor rotates and the window washer emits water.

With the ignition SW turned on and the rear wiper and washer SW turned to OFF position, when the washer is turned ON (To wiper OFF side), current flows as above so that the rear washer motor rotates and the window washer emits water as well as the wiper operates.

: Parts Location

Code	See Page	Code	See Page	Code	See Page
C12	39	J13 A	40	R1	37
D13	39	J14 B	40	R33	45
J3 A	40	J37	43		
J4 B	40	J46	40		

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1P	31	Floor No.1 Wire and Driver Side J/B (Lower Finish Panel)

: Connector Joining Wire Harness and Wire Harness

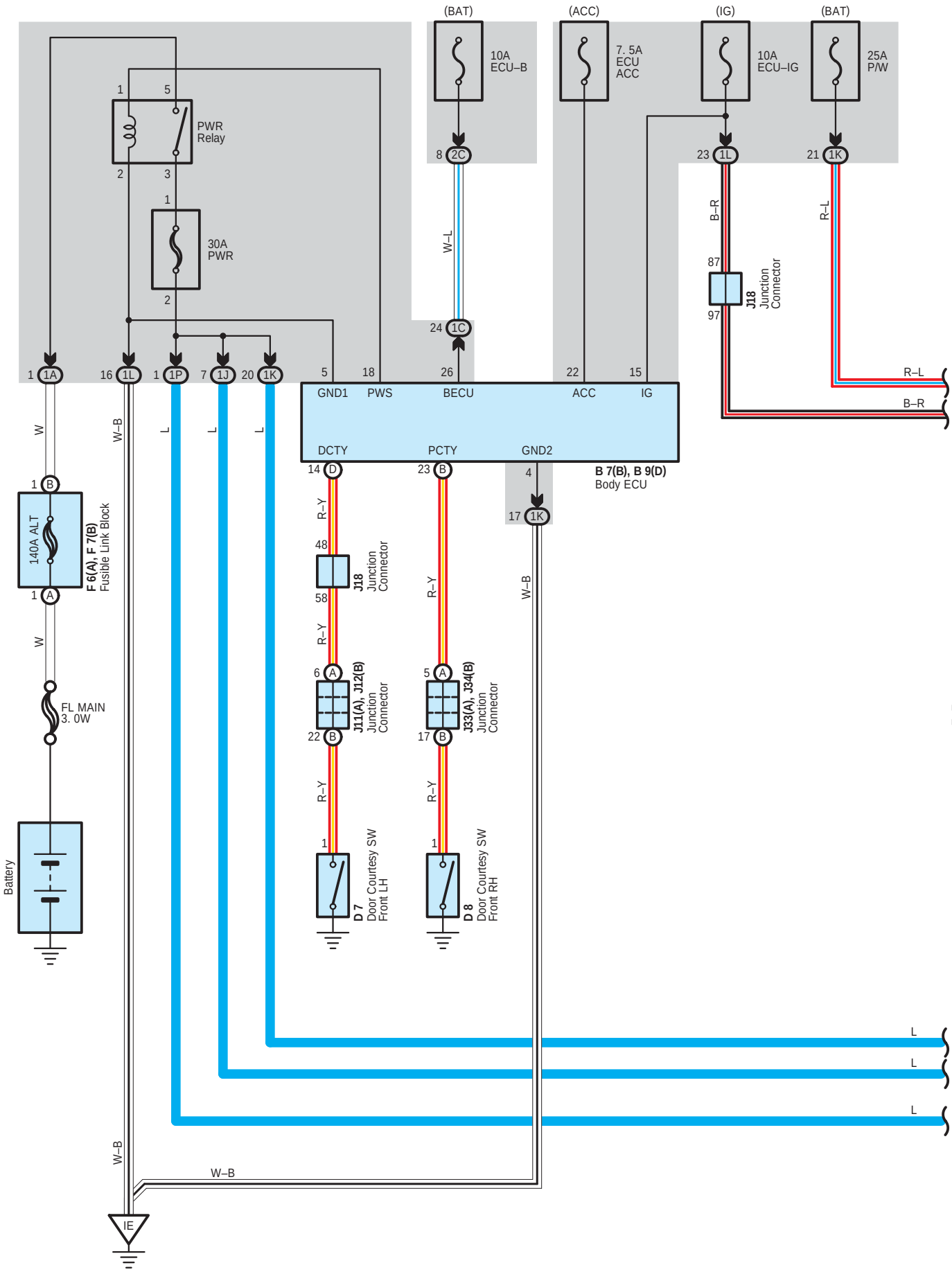
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
BE1	54	Floor No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)
BG1	55	Back Door No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)

: Ground Points

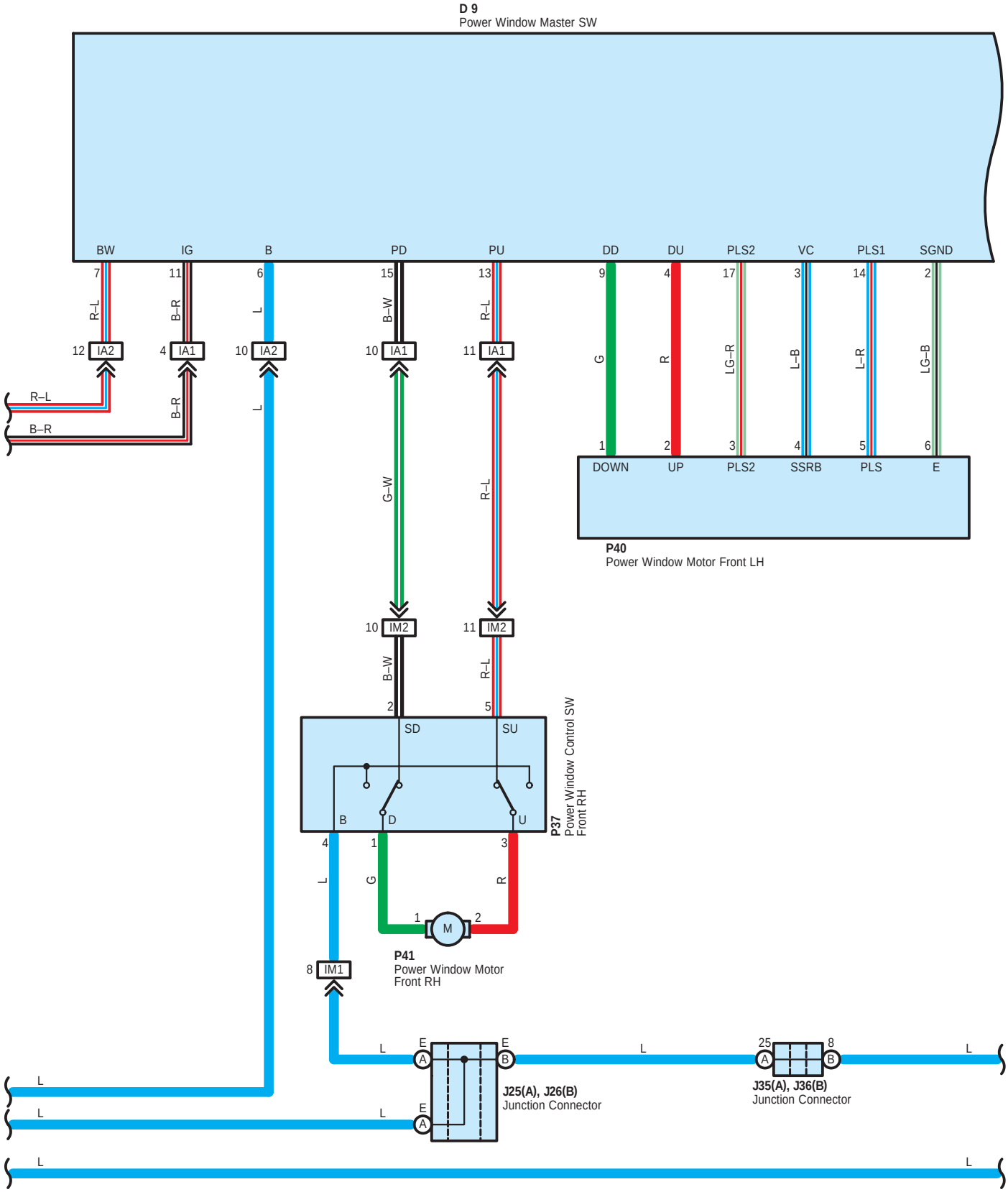
Code	See Page	Ground Points Location
IE	52	Left Kick Panel

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Power Window with Jam Protection

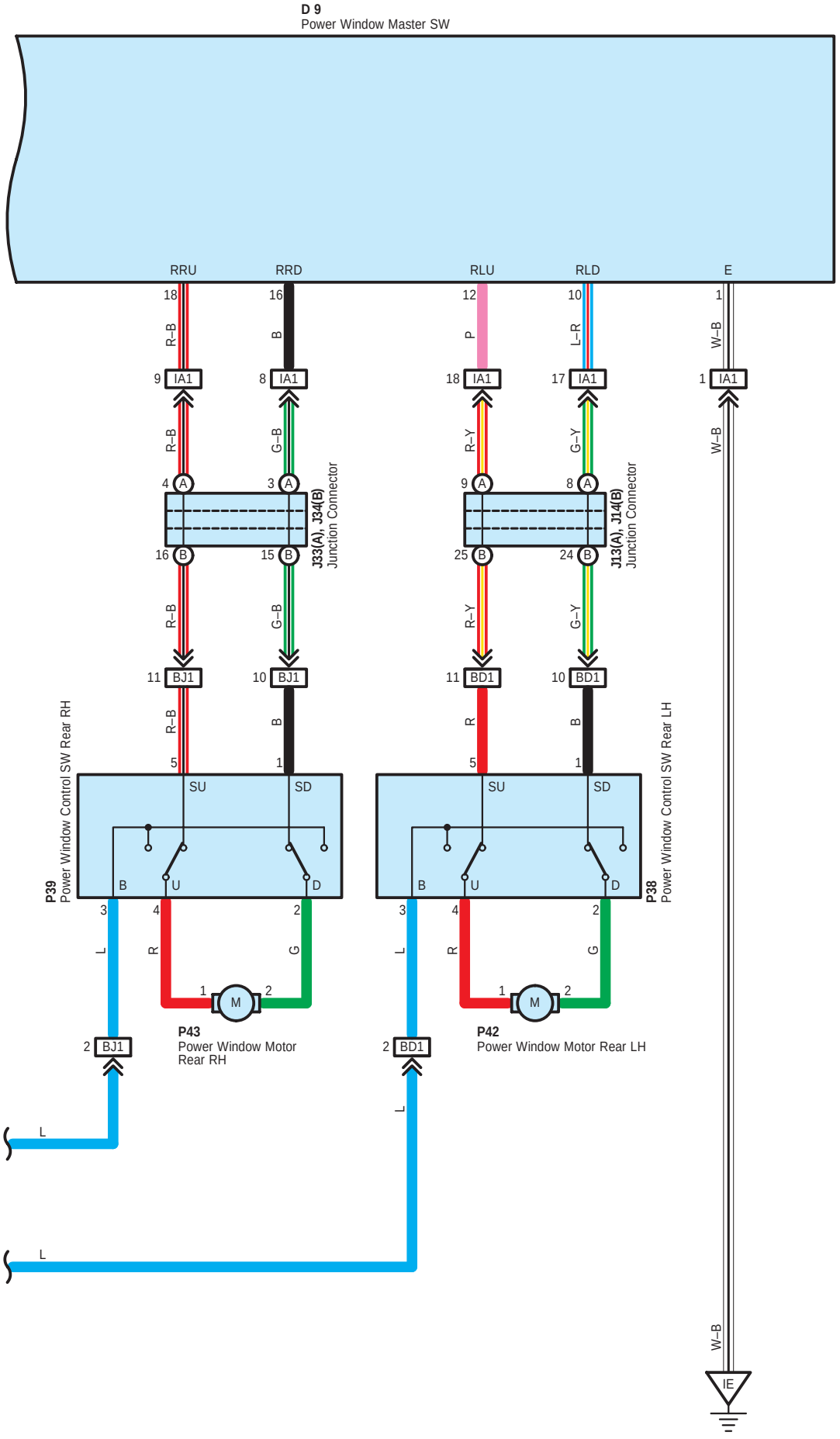


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Power Window with Jam Protection



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: Parts Location

Code		See Page	Code		See Page	Code	See Page
B7	B	38	J13	A	40	P37	44
B9	D	38	J14	B	40	P38	44
D7		42	J18		40	P39	44
D8		42	J25	A	40	P40	44
D9		42	J26	B	40	P41	44
F6	A	36	J33	A	40	P42	44
F7	B	36	J34	B	40	P43	44
J11	A	40	J35	A	40		
J12	B	40	J36	B	40		

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1C		
1J	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1K		
1L		
1P	31	Floor No.1 Wire and Driver Side J/B (Lower Finish Panel)
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

: Connector Joining Wire Harness and Wire Harness

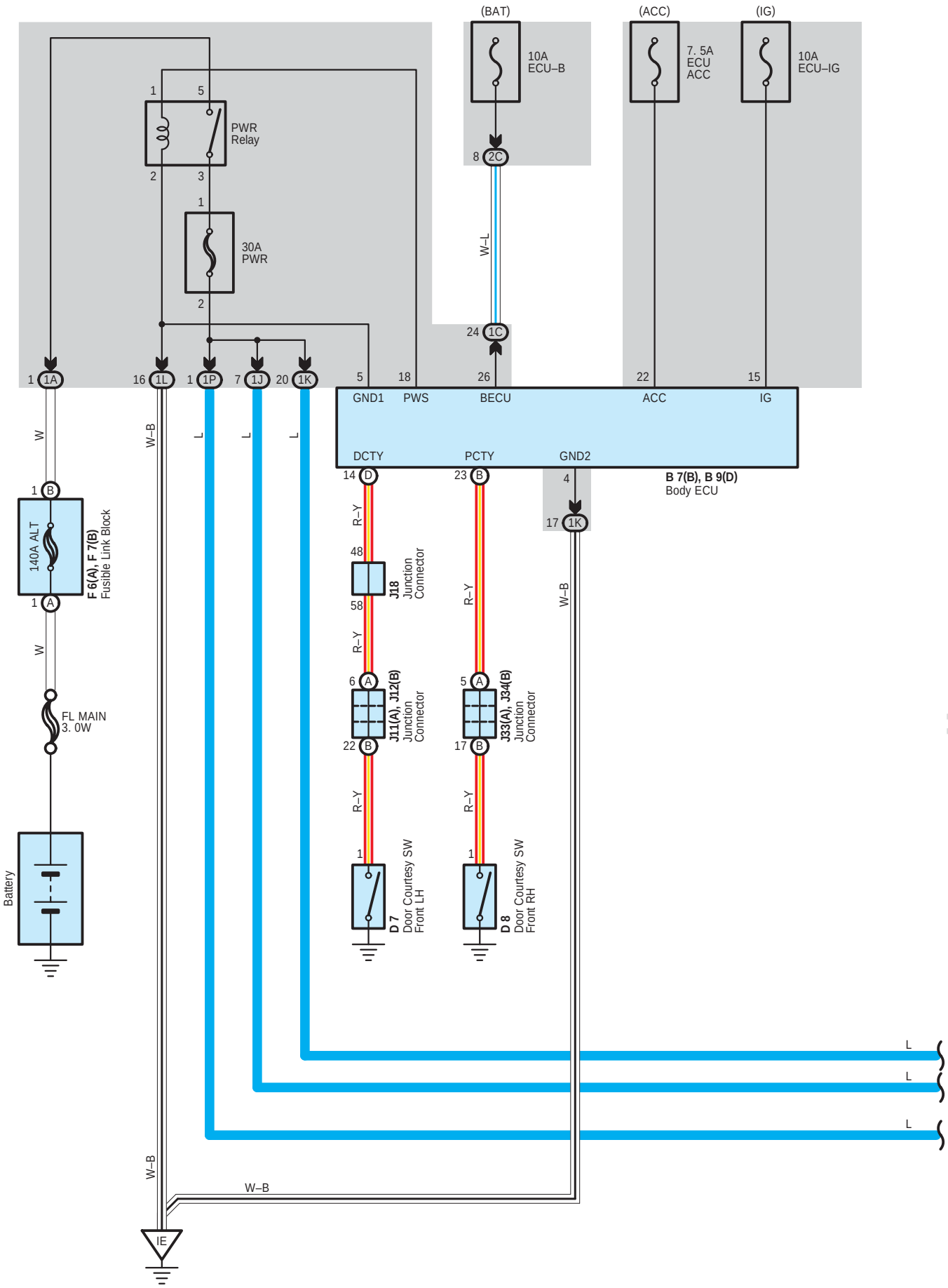
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	52	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IA2		
IM1	53	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IM2		
BD1	54	Rear Door No.2 Wire and Floor No.1 Wire (On the Left Rear Wheel House)
BJ1	55	Rear Door No.1 Wire and Floor No.2 Wire (On the Right Rear Wheel House)

: Ground Points

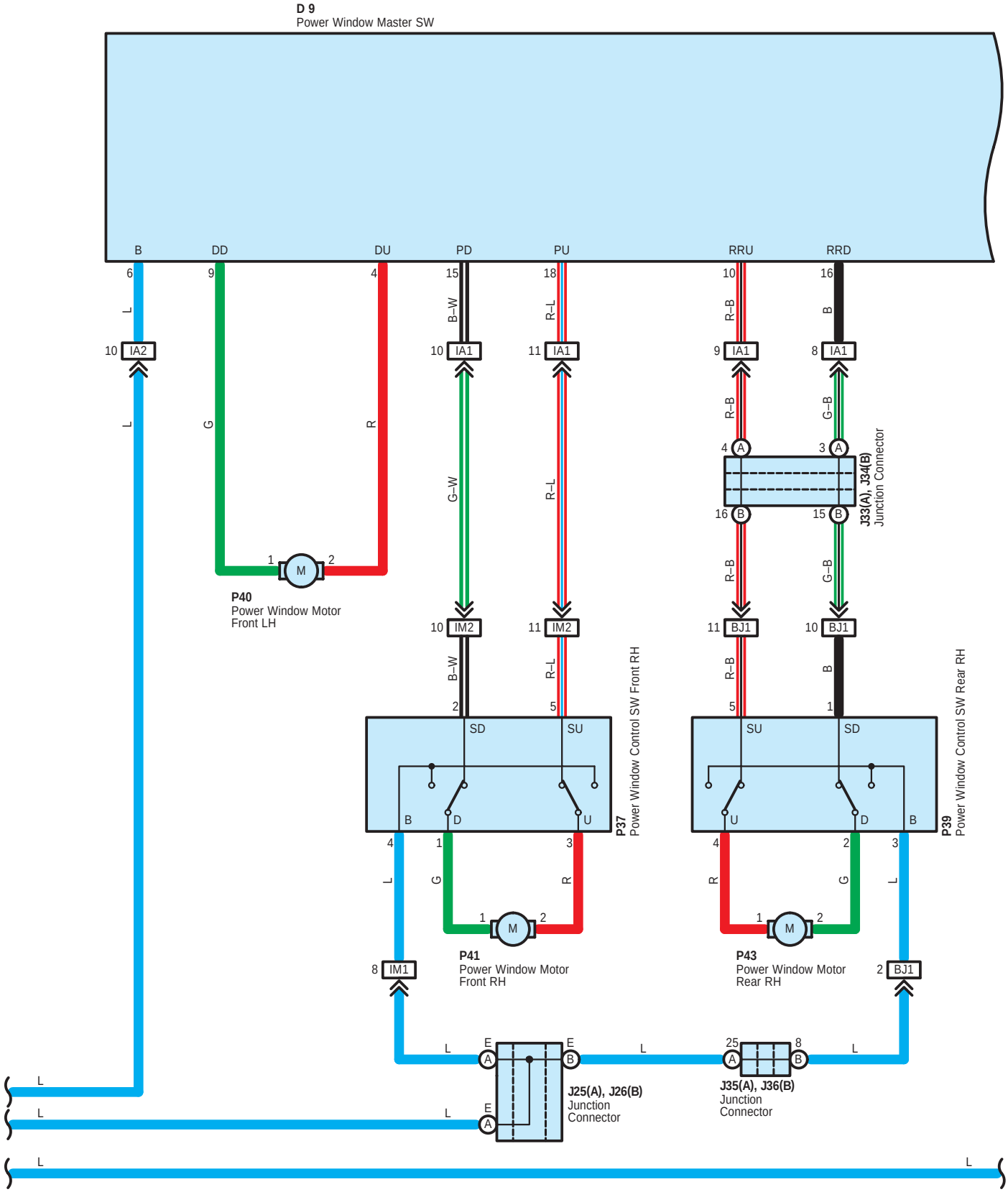
Code	See Page	Ground Points Location
IE	52	Left Kick Panel

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Power Window without Jam Protection

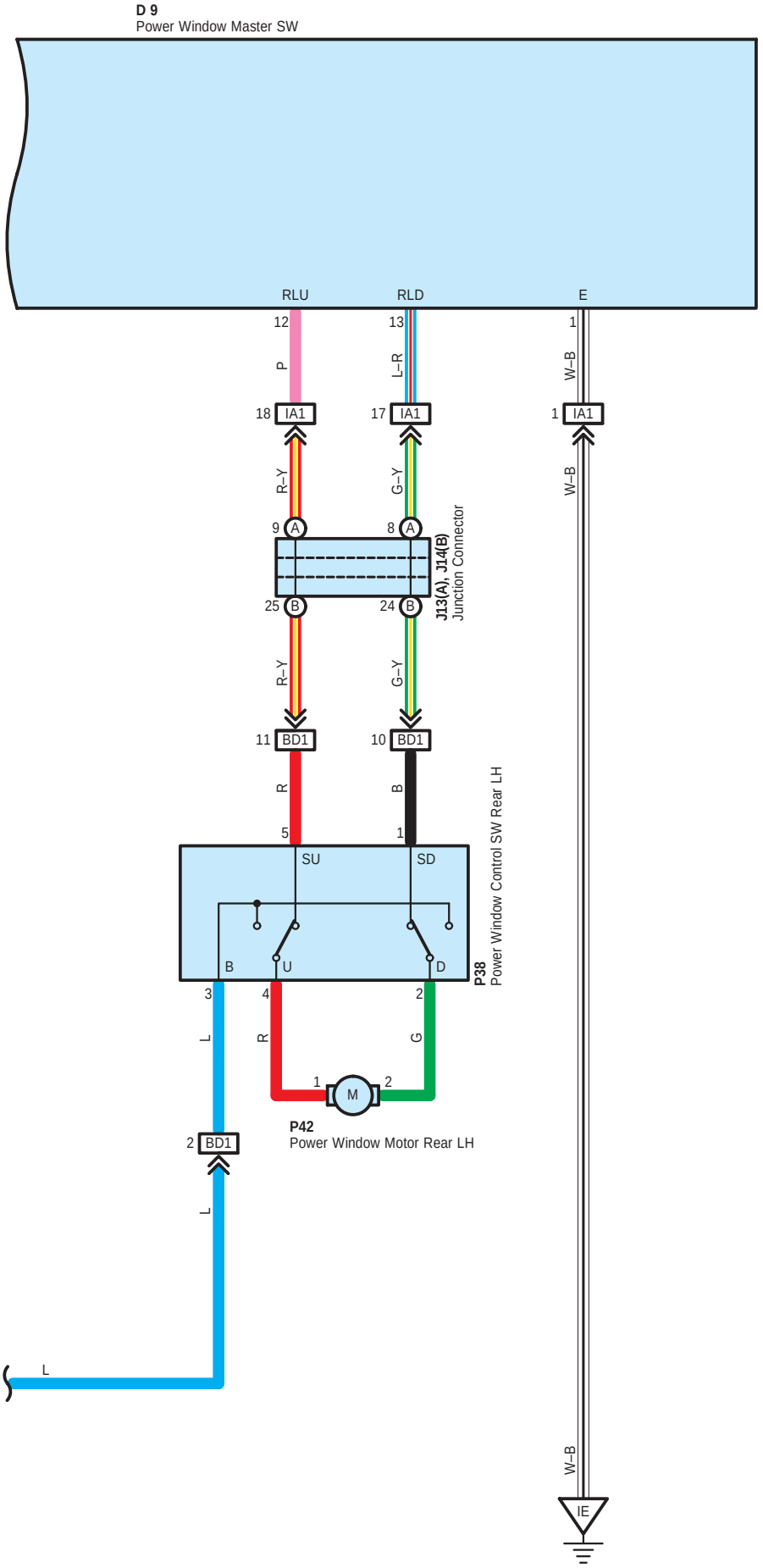


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Power Window without Jam Protection



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: Parts Location

Code		See Page	Code		See Page	Code	See Page
B7	B	38	J13	A	40	P37	44
B9	D	38	J14	B	40	P38	44
D7		42	J18		40	P39	44
D8		42	J25	A	40	P40	44
D9		42	J26	B	40	P41	44
F6	A	36	J33	A	40	P42	44
F7	B	36	J34	B	40	P43	44
J11	A	40	J35	A	40		
J12	B	40	J36	B	40		

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1C		
1J	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1K		
1L		
1P	31	Floor No.1 Wire and Driver Side J/B (Lower Finish Panel)
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

: Connector Joining Wire Harness and Wire Harness

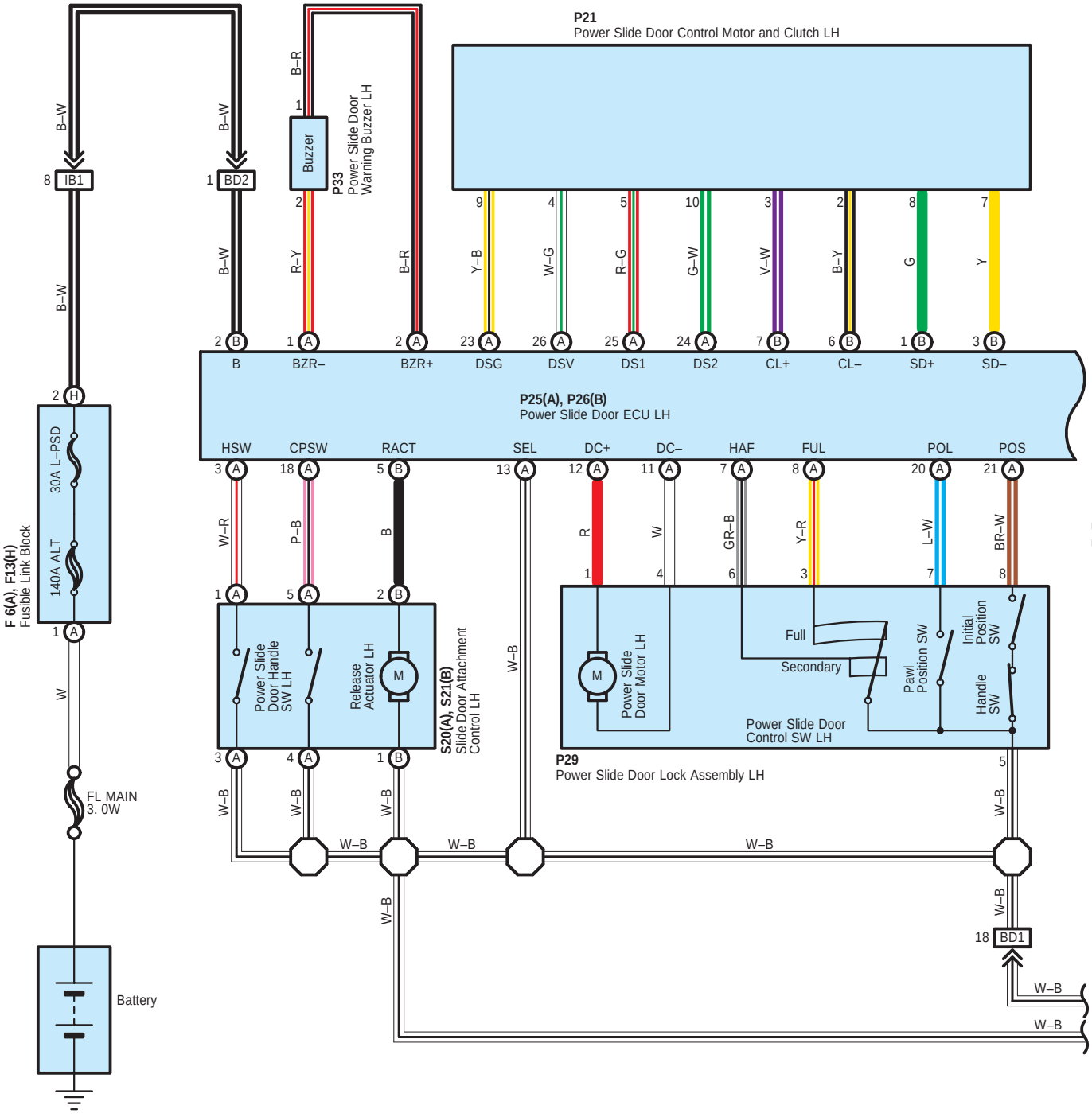
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	52	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IA2		
IM1	53	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IM2		
BD1	54	Rear Door No.2 Wire and Floor No.1 Wire (On the Left Rear Wheel House)
BJ1	55	Rear Door No.1 Wire and Floor No.2 Wire (On the Right Rear Wheel House)

: Ground Points

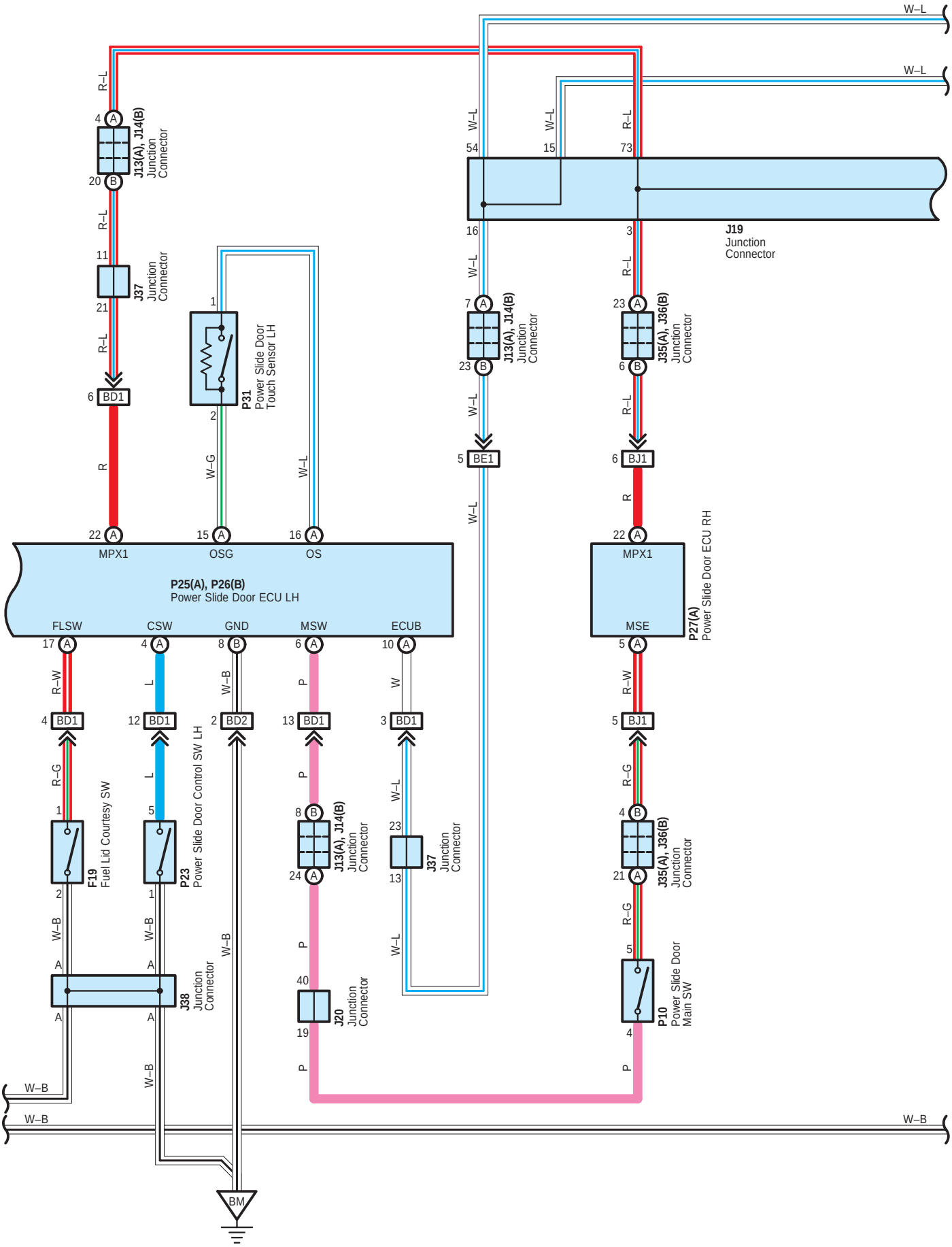
Code	See Page	Ground Points Location
IE	52	Left Kick Panel

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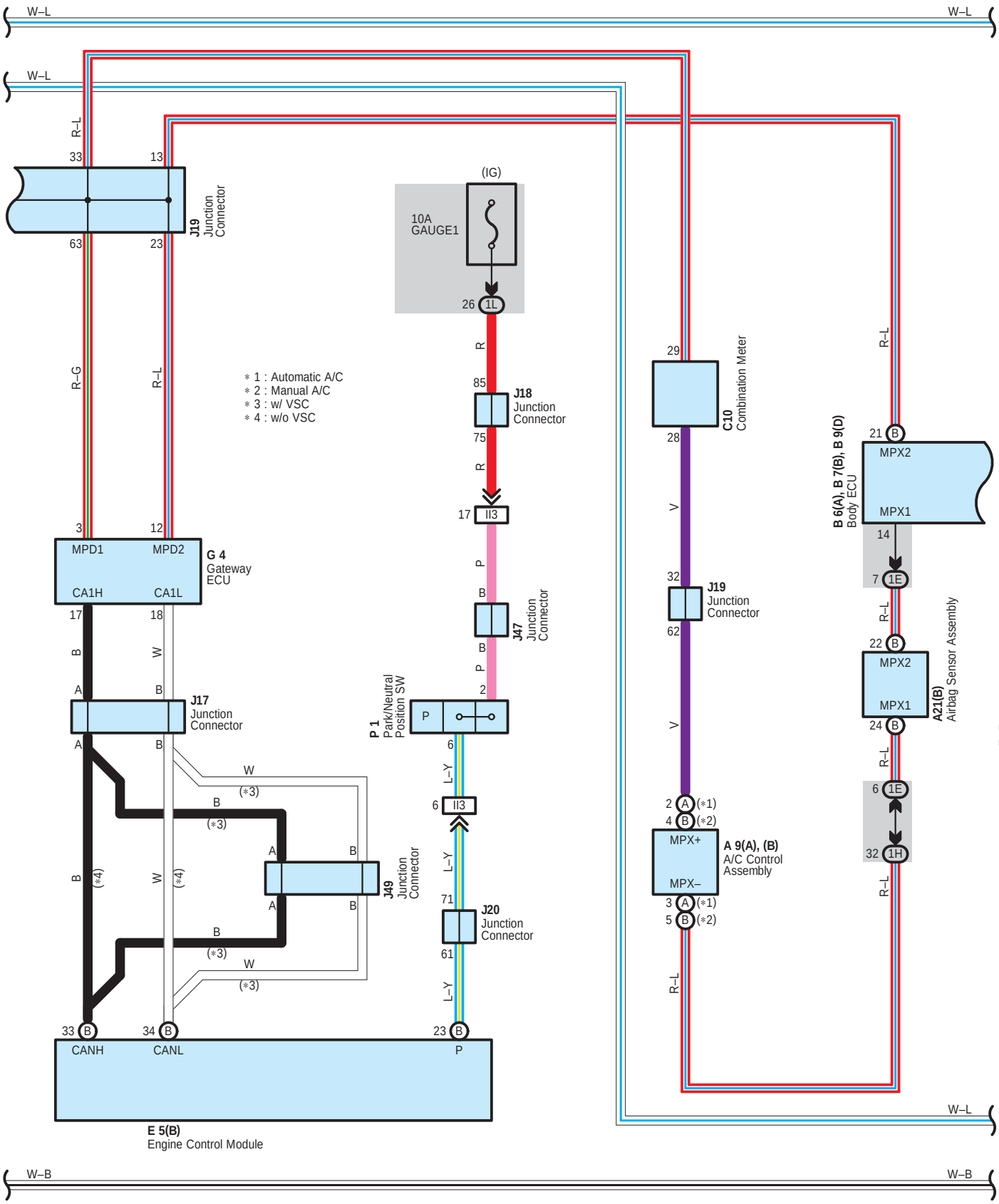
Power Slide Door (LH)



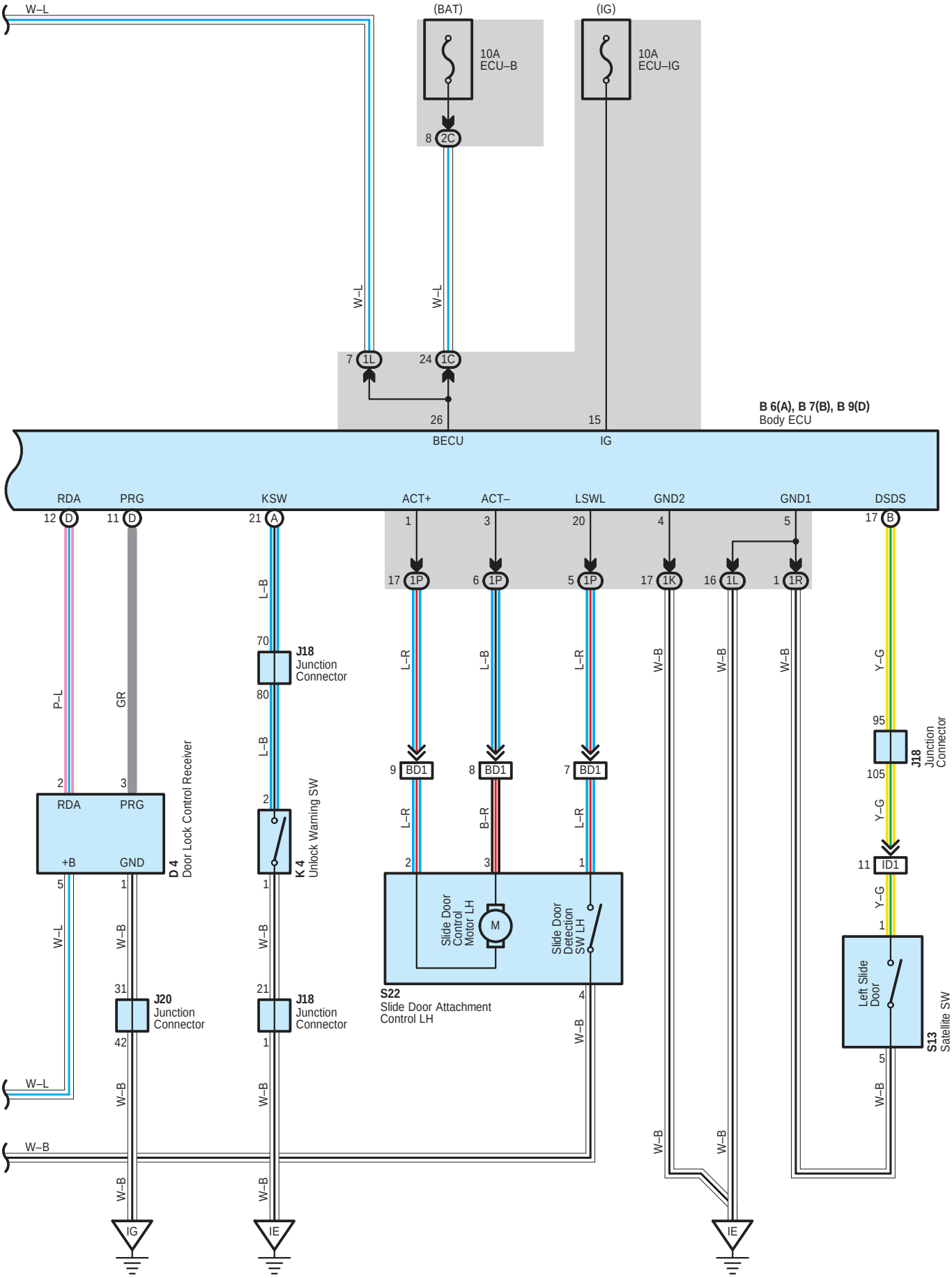
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Power Slide Door (LH)

○ : Parts Location

Code		See Page	Code		See Page	Code		See Page
A9	A	38	J14	B	40	P21		44
	B	38	J17		40	P23		44
A21	B	38	J18		40	P25	A	44
B6	A	38	J19		40	P26	B	44
B7	B	38	J20		40	P27	A	44
B9	D	38	J35	A	40	P29		44
C10		39	J36	B	40	P31		44
D4		39	J37		43	P33		44
E5	B	39	J38		43	S13		45
F6	A	36	J47		40	S20	A	45
F13	H	36	J49		40	S21	B	45
F19		42	K4		40	S22		45
G4		39	P1		37			
J13	A	40	P10		41			

⬭ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1E	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1H	30	
1K	31	
1L		
1P	31	Floor No.1 Wire and Driver Side J/B (Lower Finish Panel)
1R	31	Roof Wire and Driver Side J/B (Lower Finish Panel)
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

▭ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	52	Engine Room Main Wire and Floor No.1 Wire (Left Cowl Side Panel)
ID1	52	Roof Wire and Instrument Panel Wire (Near the Driver Side J/B)
II3	53	Engine Wire and Instrument Panel Wire (Right Kick Panel)
BD1	54	Rear Door No.2 Wire and Floor No.1 Wire (On the Left Rear Wheel House)
BD2		
BE1	54	Floor No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)
BJ1	55	Rear Door No.1 Wire and Floor No.2 Wire (On the Right Rear Wheel House)

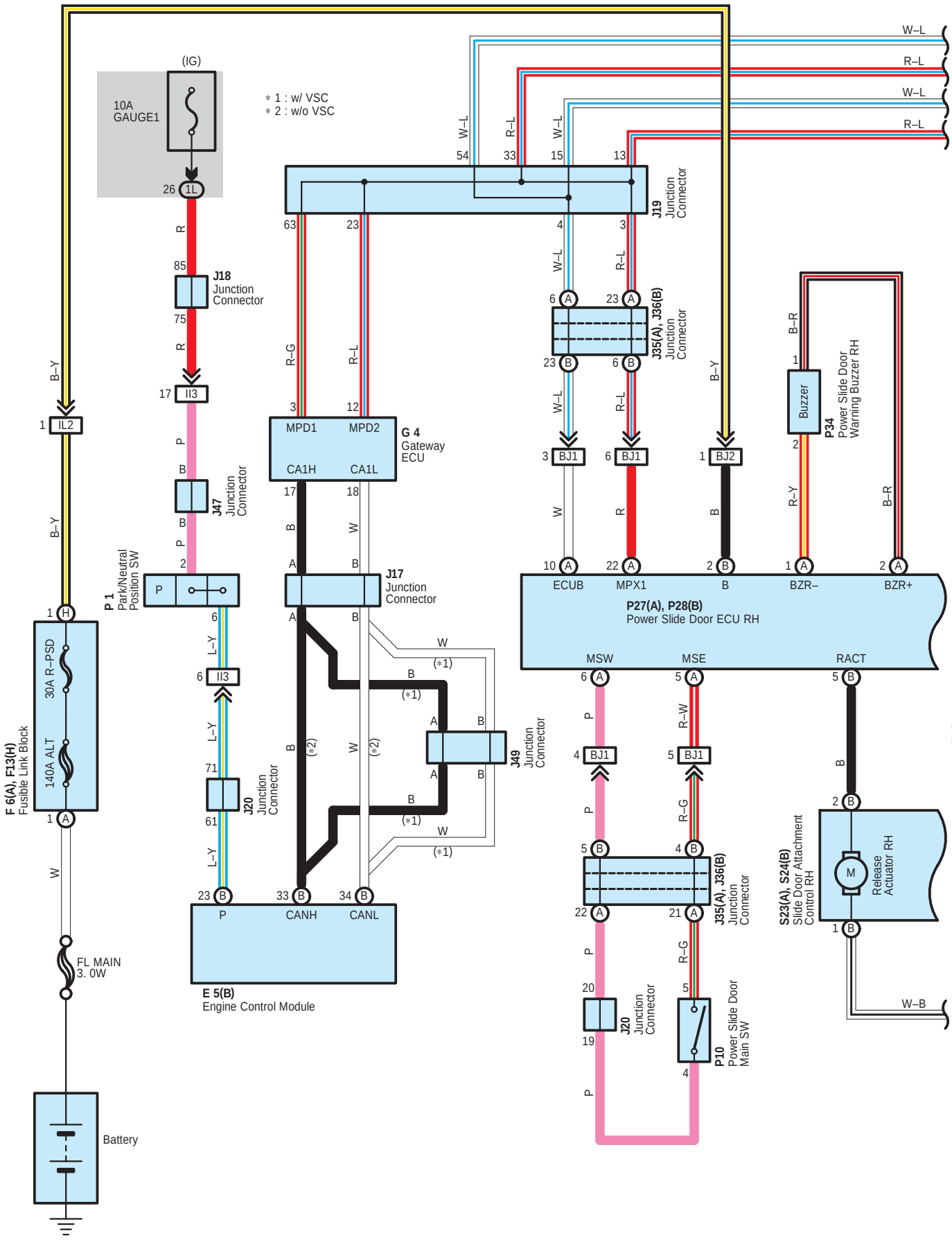
▽ : Ground Points

Code	See Page	Ground Points Location
IE	52	Left Kick Panel
IG	52	Right Kick Panel
BM	54	Left Rear Quarter Panel

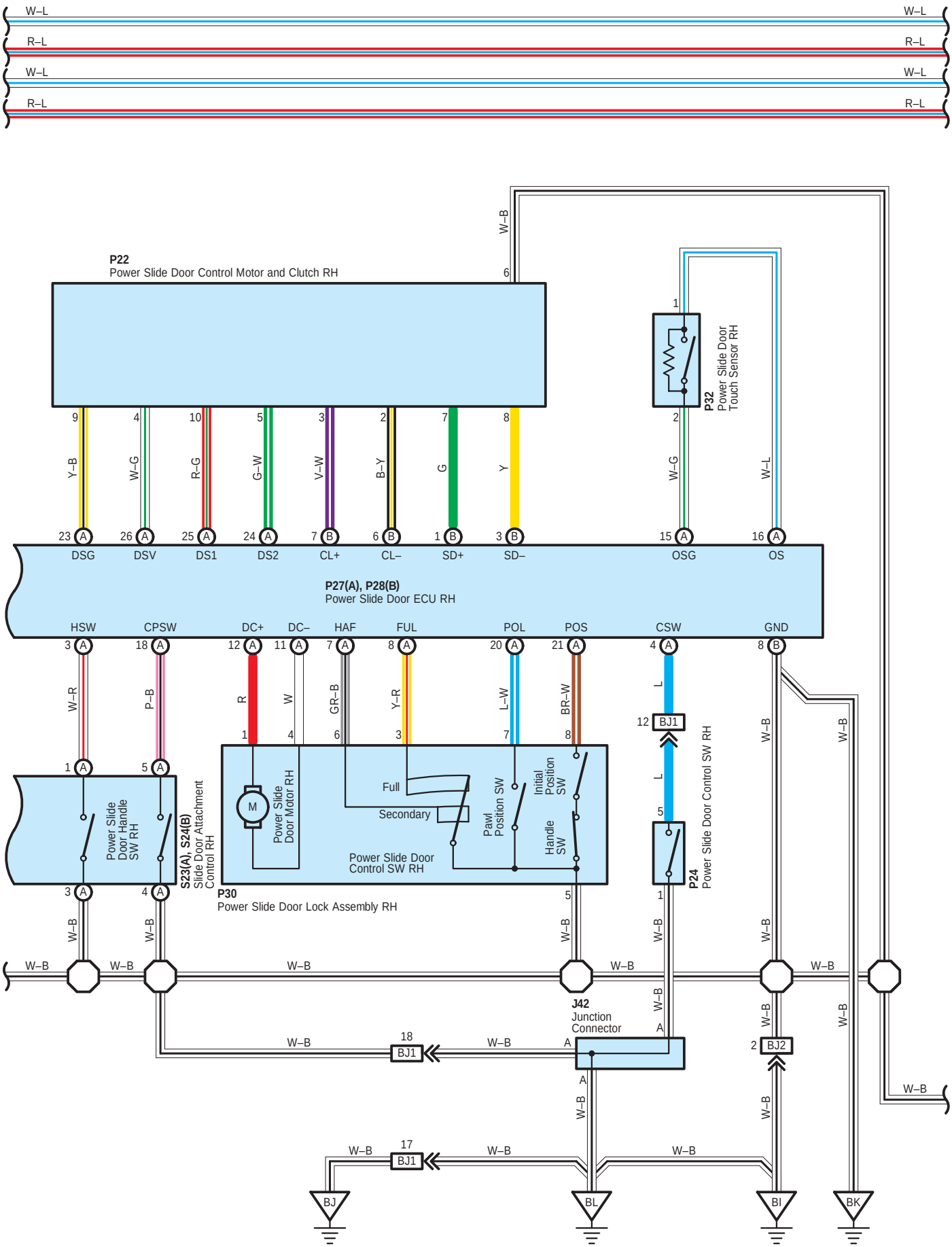
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Power Slide Door (RH)

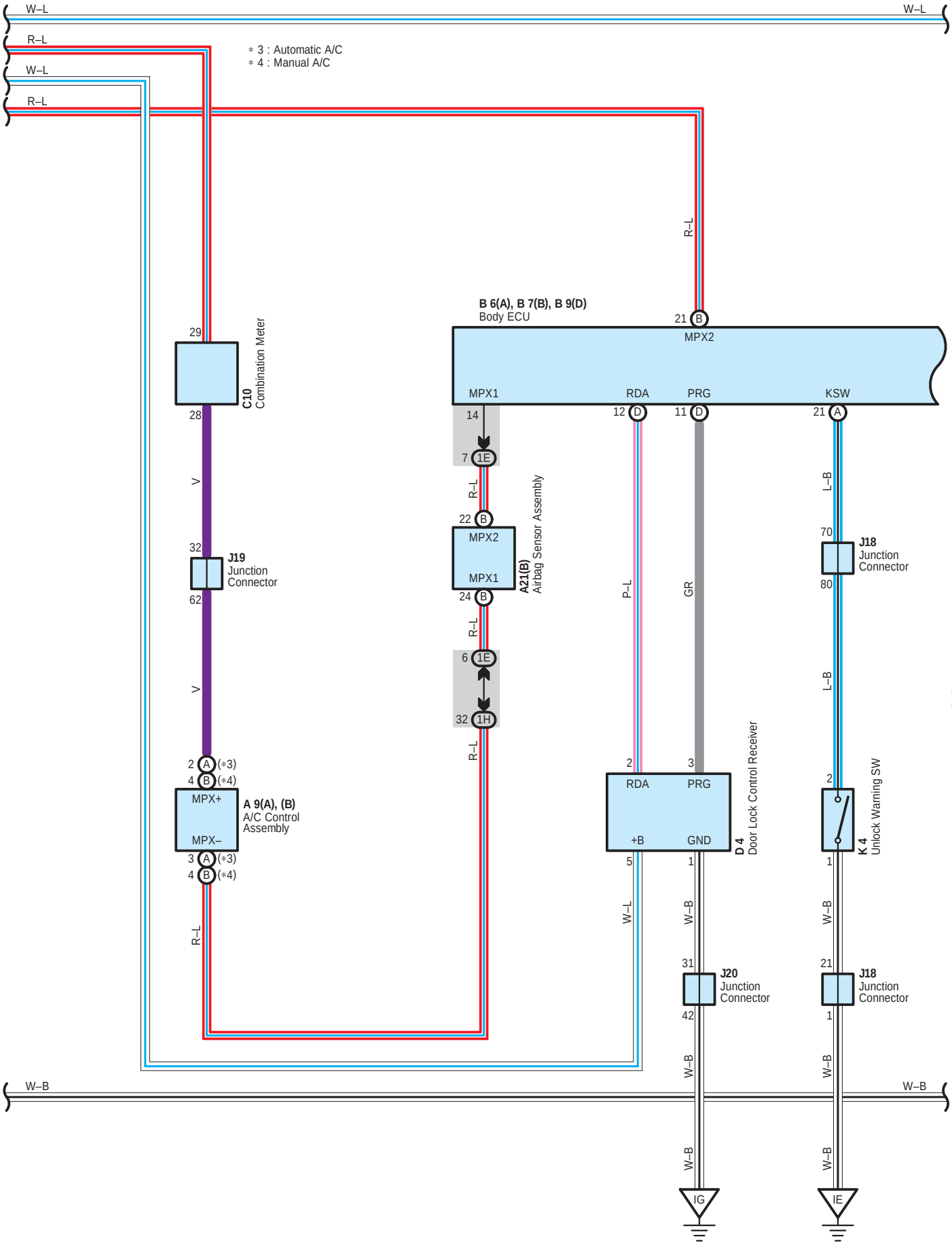


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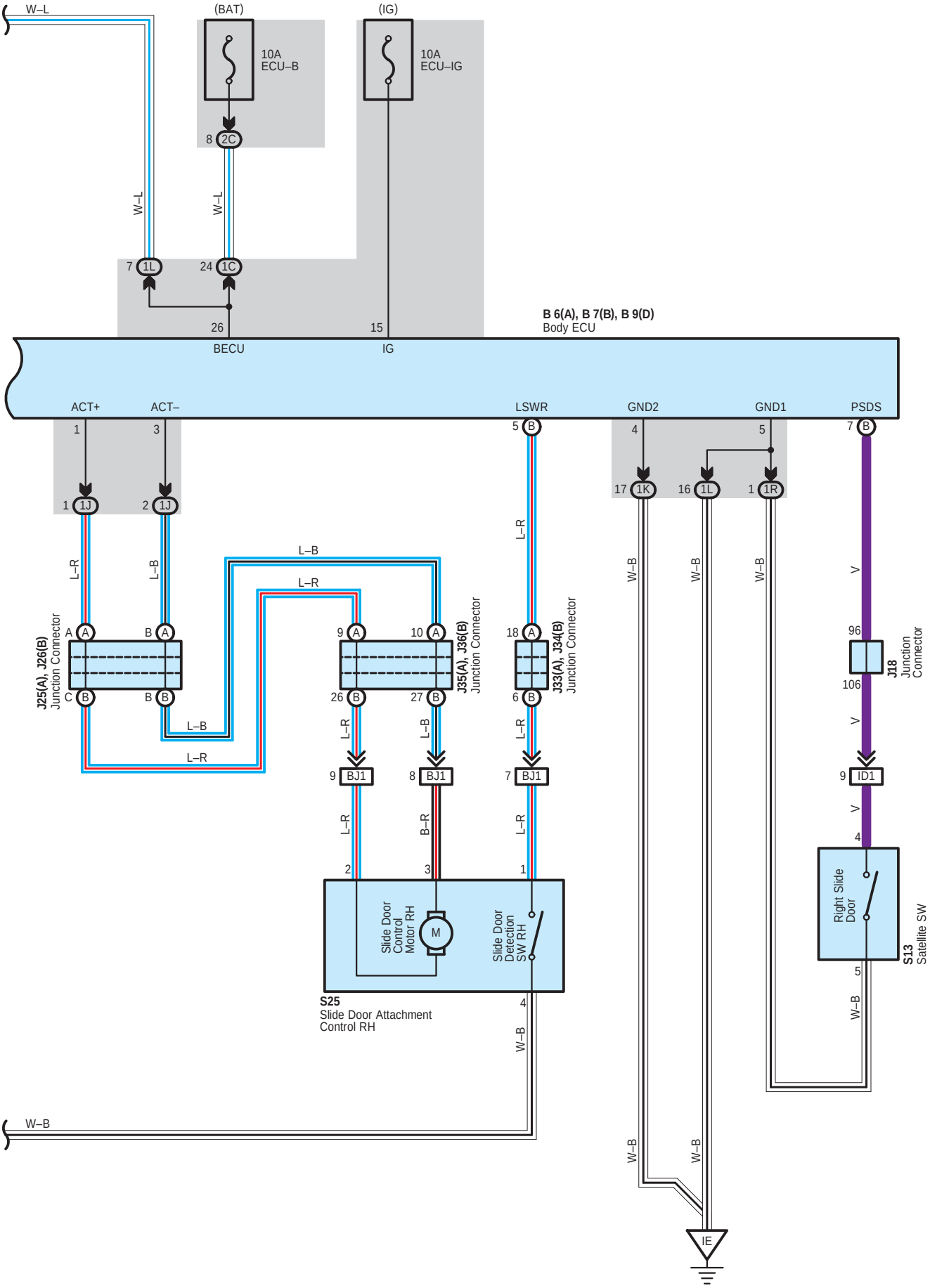


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Power Slide Door (RH)



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Power Slide Door (RH)

: Parts Location

Code		See Page	Code		See Page	Code		See Page
A9	A	38	J18		40	P1		37
	B	38	J19		40	P10		41
A21	B	38	J20		40	P22		44
B6	A	38	J25	A	40	P24		44
B7	B	38	J26	B	40	P27	A	44
B9	D	38	J33	A	40	P28	B	44
C10		39	J34	B	40	P30		44
D4		39	J35	A	40	P32		44
E5	B	39	J36	B	40	P34		44
F6	A	36	J42		43	S13		45
F13	H	36	J47		40	S23	A	45
G4		39	J49		40	S24	B	45
J17		40	K4		40	S25		45

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1E	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1H	30	
1J	31	
1K		
1L		
1R	31	Roof Wire and Driver Side J/B (Lower Finish Panel)
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

: Connector Joining Wire Harness and Wire Harness

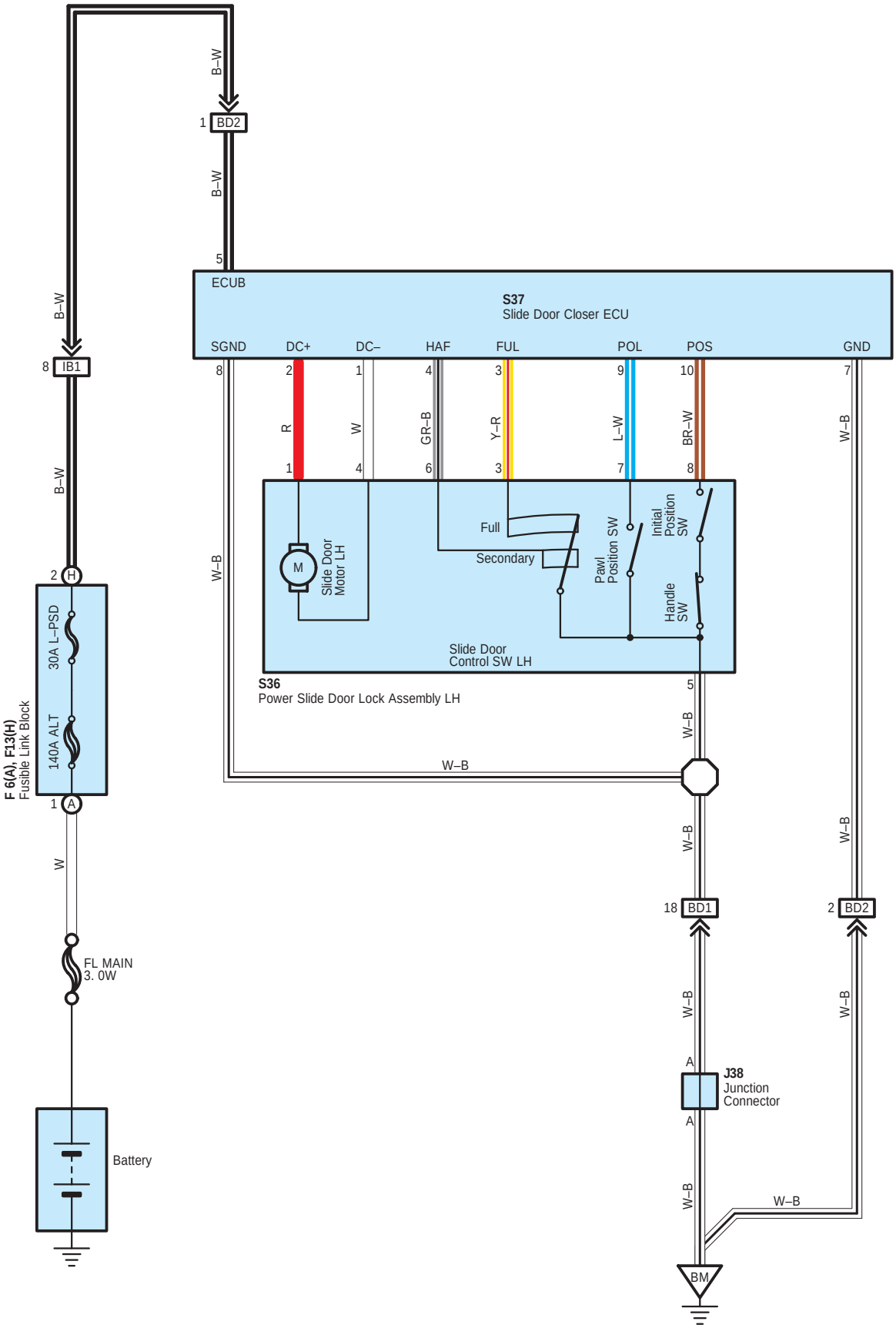
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
ID1	52	Roof Wire and Instrument Panel Wire (Near the Driver Side J/B)
II3	53	Engine Wire and Instrument Panel Wire (Right Kick Panel)
IL2	53	Engine Room Main Wire and Floor No.2 Wire (Right Kick Panel)
BJ1	55	Rear Door No.1 Wire and Floor No.2 Wire (On the Right Rear Wheel House)
BJ2		

: Ground Points

Code	See Page	Ground Points Location
IE	52	Left Kick Panel
IG	52	Right Kick Panel
BI	54	Under the Right Center Pillar
BJ	54	Inside of the Slide Door RH
BK		
BL	54	Right Rear Quarter Panel

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○ : **Parts Location**

Code		See Page	Code	See Page	Code	See Page
F6	A	36	J38	43	S37	45
F13	H	36	S36	45		

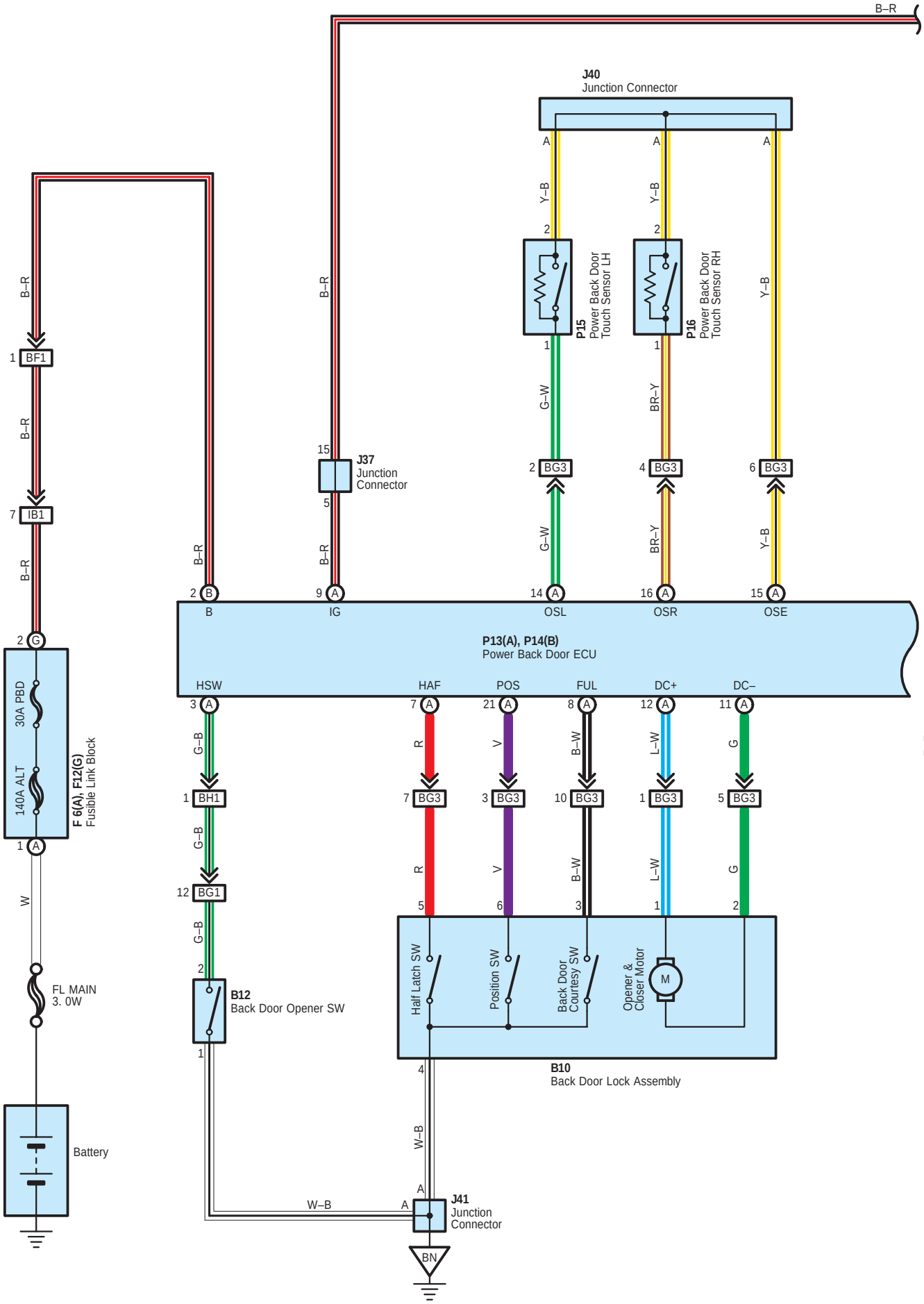
▭ : **Connector Joining Wire Harness and Wire Harness**

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	52	Engine Room Main Wire and Floor No.1 Wire (Left Cowl Side Panel)
BD1	54	Rear Door No.2 Wire and Floor No.1 Wire (On the Left Rear Wheel House)
BD2		

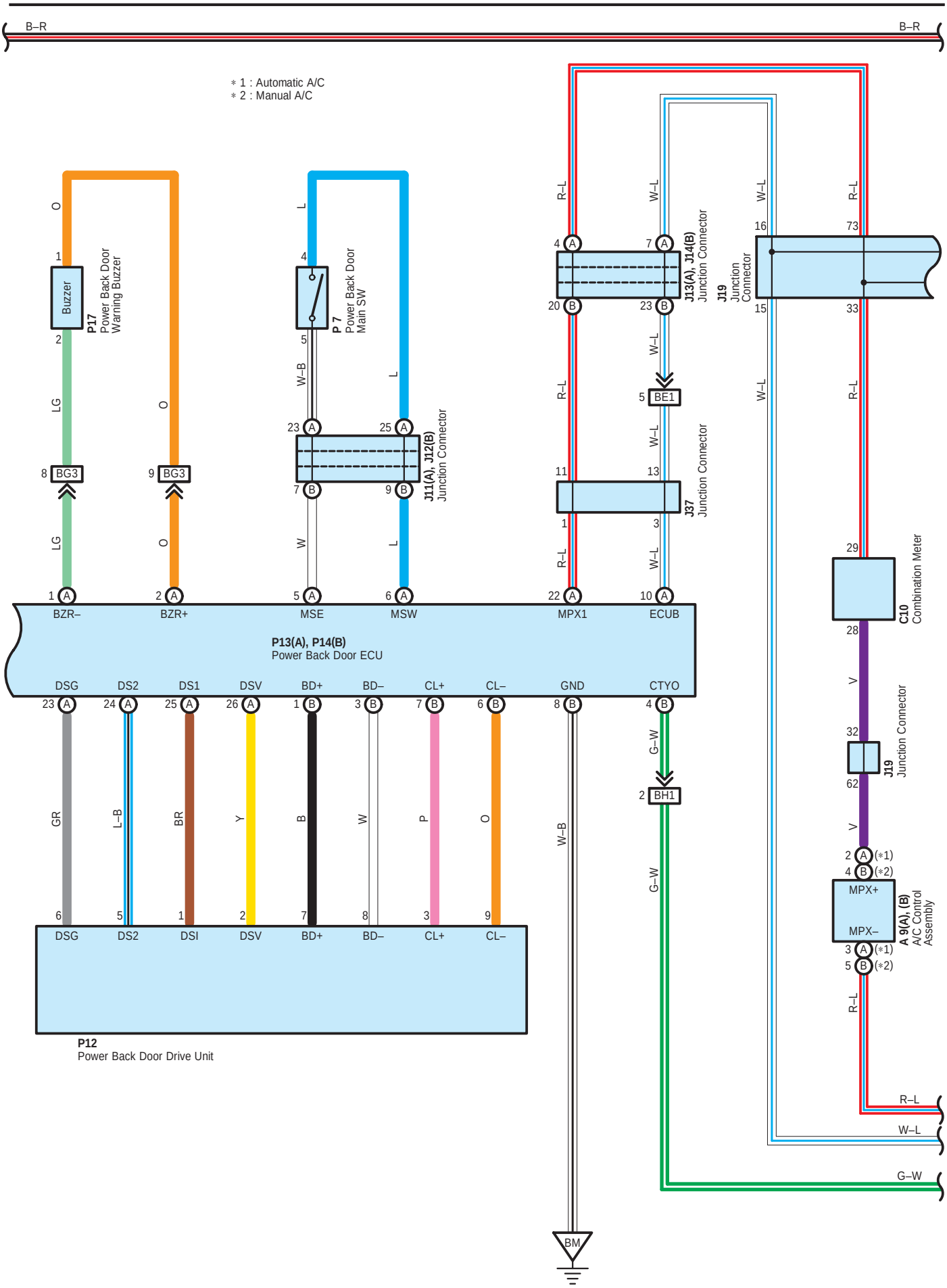
▽ : **Ground Points**

Code	See Page	Ground Points Location
BM	54	Left Rear Quarter Panel

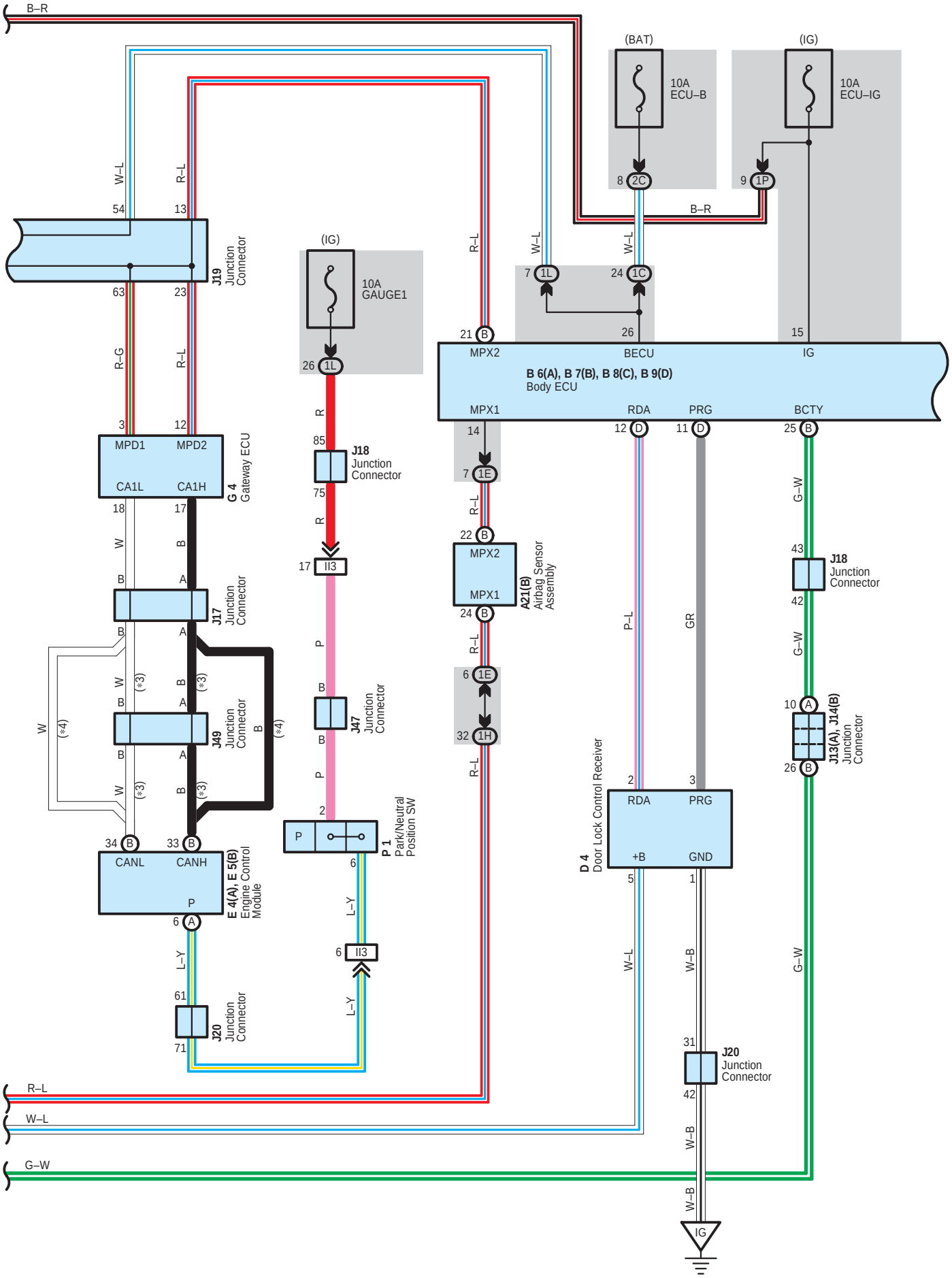
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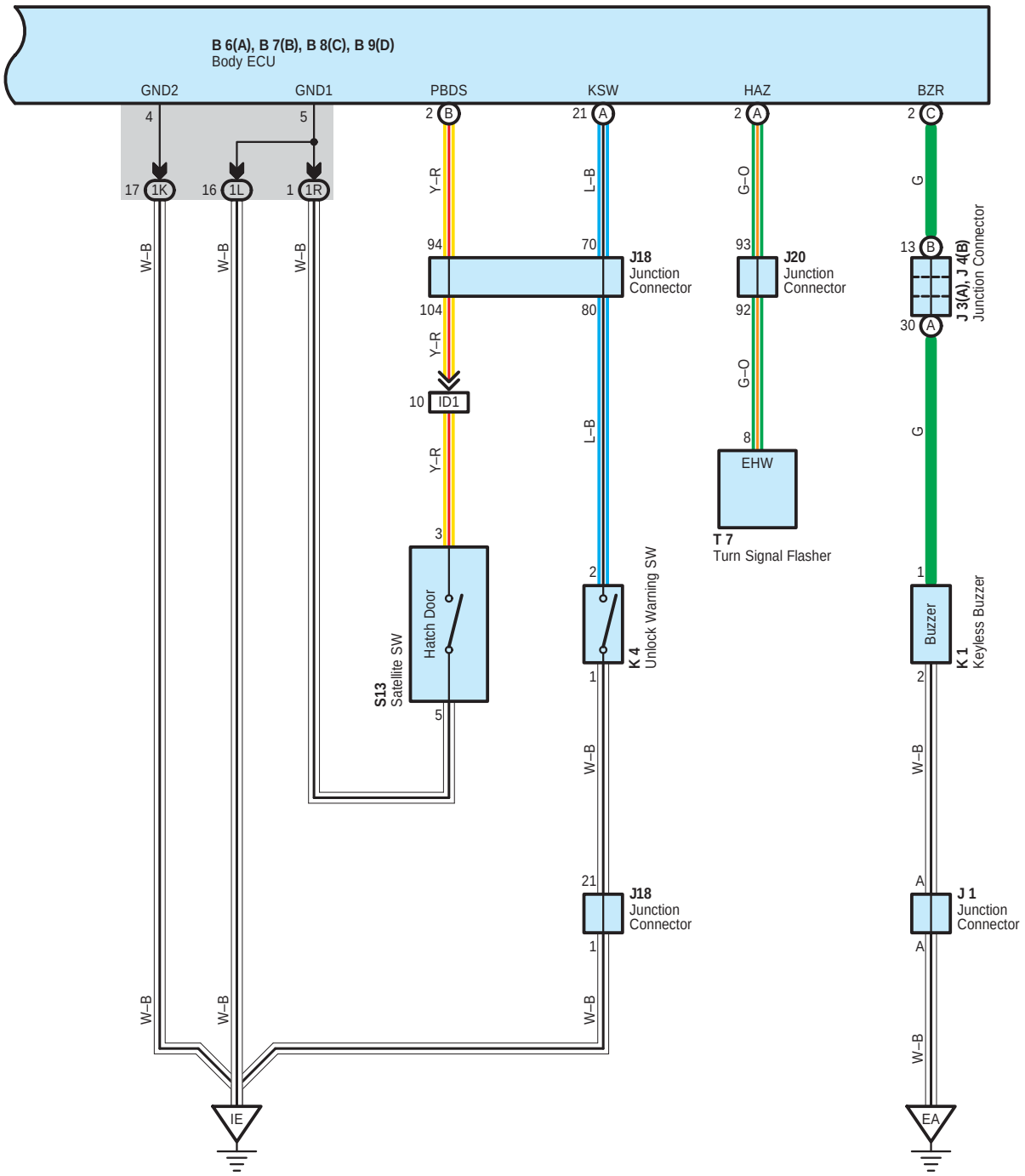


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＊3 : w/ VSC
＊4 : w/o VSC



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Power Back Door

System Outline

1. The Main Opening–and–Closing Operations

(1) By pushing the remote control SW, the automatic opening and closing of the back door can be carried out.

(2) By pushing the operation SW formed in overhead console, the automatic opening and closing of the back door can be carried out.

(3) Assistant operation:
By pulling the back door from full open position, the automatic closing of the back door can be carried out.

* The automatic opening (Closing) operation of the back door is possible only when the power back door main SW in the instrument panel of driver's seat part in ON.

2. Consideration of Safety

(1) The power back door touch sensor is adopted.
If the power back door touch sensor which is arranged on the end of the back door detect something pinching or obstacle during the automatic operation, the door will be reversed in full open direction.

(2) If something pinching or obstacle in the back door is detected by speed change of the move of the back door during the automatic operation, the door will be reversed in opposite direction of the advance direction.

(3) If the remote control SW or the satellite SW is operated for someone feel danger, etc. during the automatic operation, the door will be reversed in opposite direction of the advance direction.

○ : Parts Location

Code		See Page	Code		See Page	Code		See Page
A9	A	38	G4		39	J47		40
	B	38	J1		37	J49		40
A21	B	38	J3	A	40	K1		37
B6	A	38	J4	B	40	K4		40
B7	B	38	J11	A	40	P1		37
B8	C	38	J12	B	40	P7		41
B9	D	38	J13	A	40	P12		44
B10		42	J14	B	40	P13	A	44
B12		42	J17		40	P14	B	44
C10		39	J18		40	P15		44
D4		39	J19		40	P16		44
E4	A	39	J20		40	P17		44
E5	B	39	J37		43	S13		45
F6	A	36	J40		43	T7		41
F12	G	36	J41		43			

⬭ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1E	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1H	30	
1K	31	
1L		
1P	31	Floor No.1 Wire and Driver Side J/B (Lower Finish Panel)
1R	31	Roof Wire and Driver Side J/B (Lower Finish Panel)
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

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: Connector Joining Wire Harness and Wire Harness

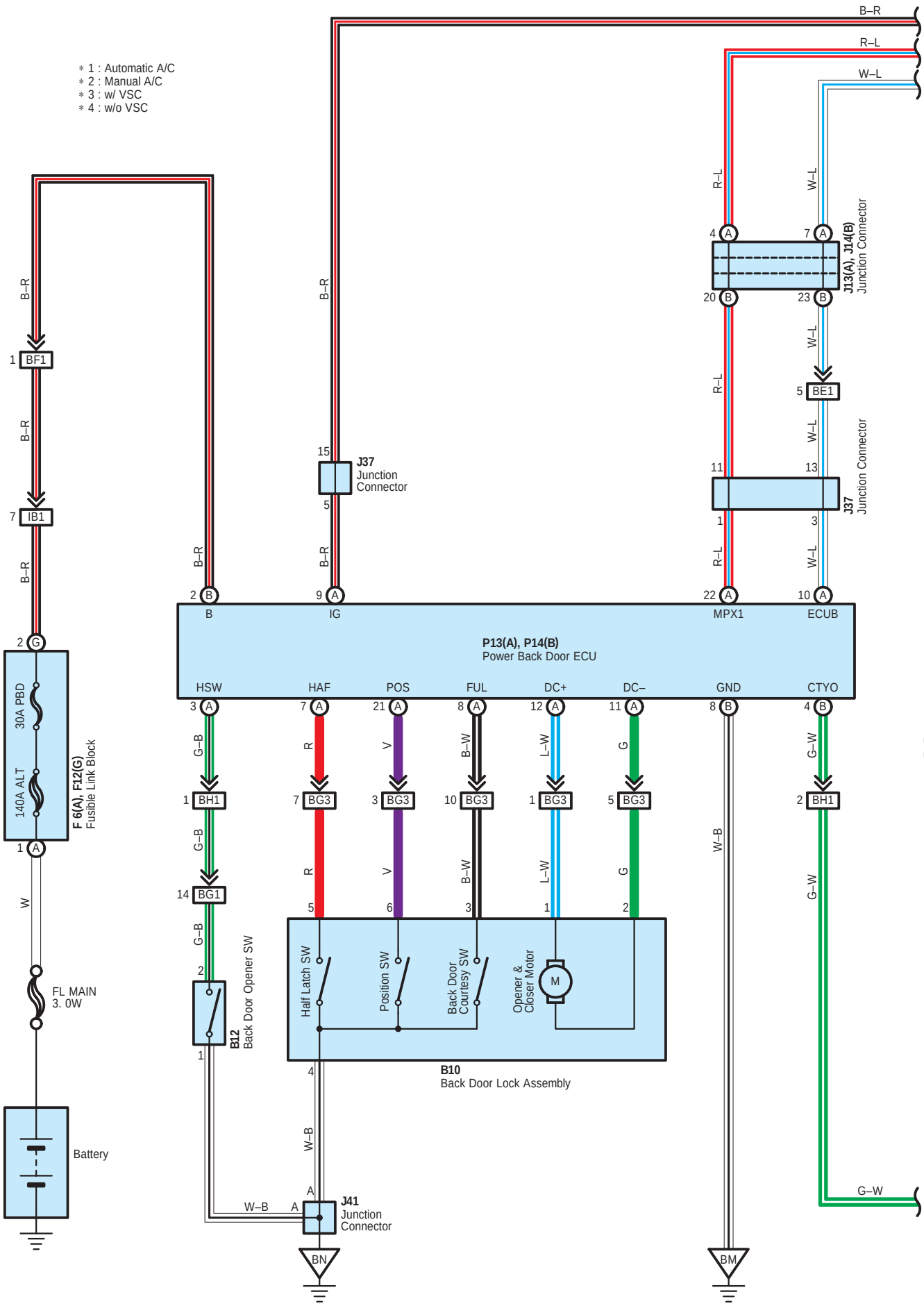
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	52	Engine Room Main Wire and Floor No.1 Wire (Left Cowl Side Panel)
ID1	52	Roof Wire and Instrument Panel Wire (Near the Driver Side J/B)
II3	53	Engine Wire and Instrument Panel Wire (Right Kick Panel)
BE1	54	Floor No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)
BF1		
BG1	55	Back Door No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)
BG3		
BH1	55	Floor No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)

: Ground Points

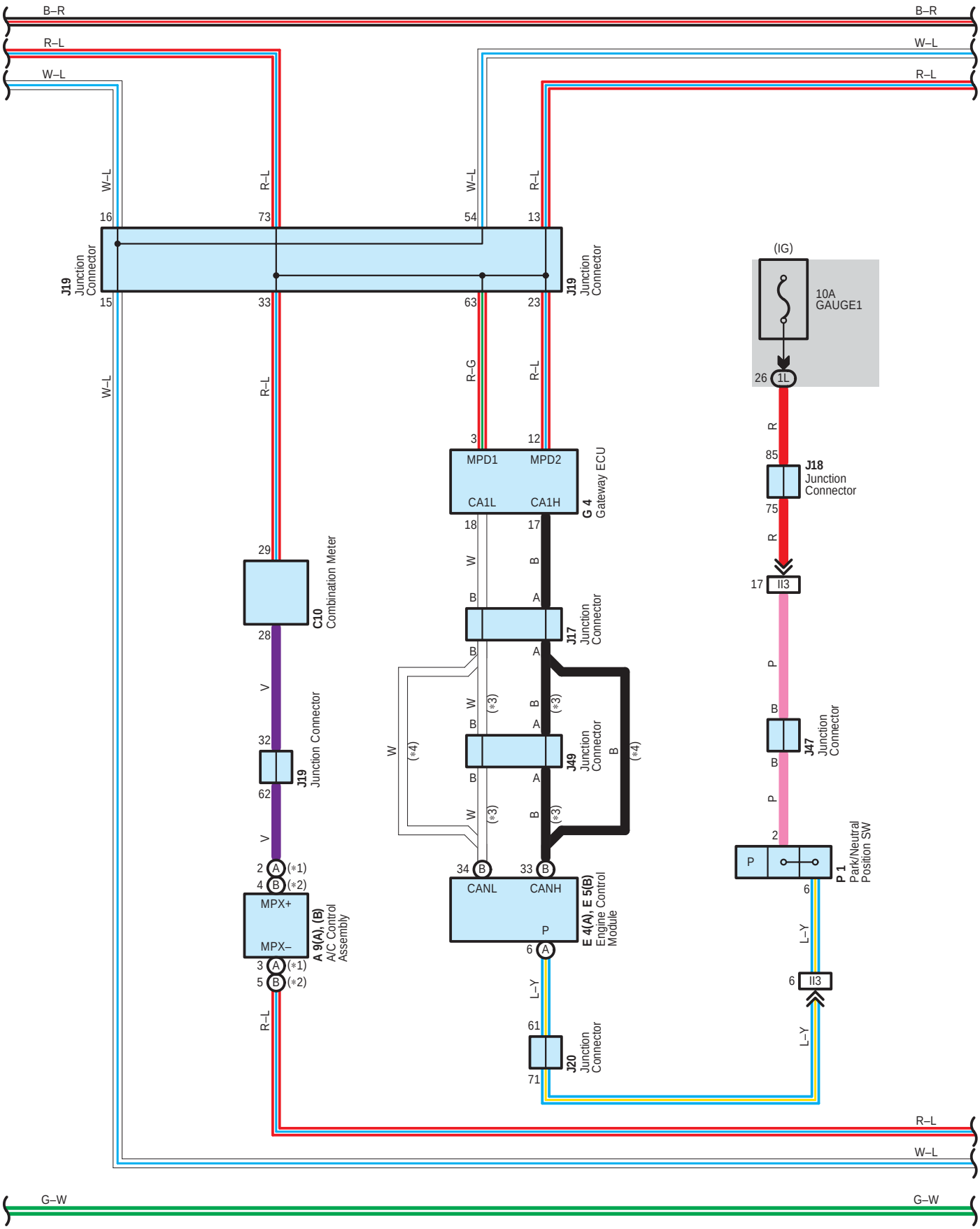
Code	See Page	Ground Points Location
EA	50	Front Side of the Right Fender Apron
IE	52	Left Kick Panel
IG	52	Right Kick Panel
BM	54	Left Rear Quarter Panel
BN	54	Left Side of the Back Door

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Back Door Closer

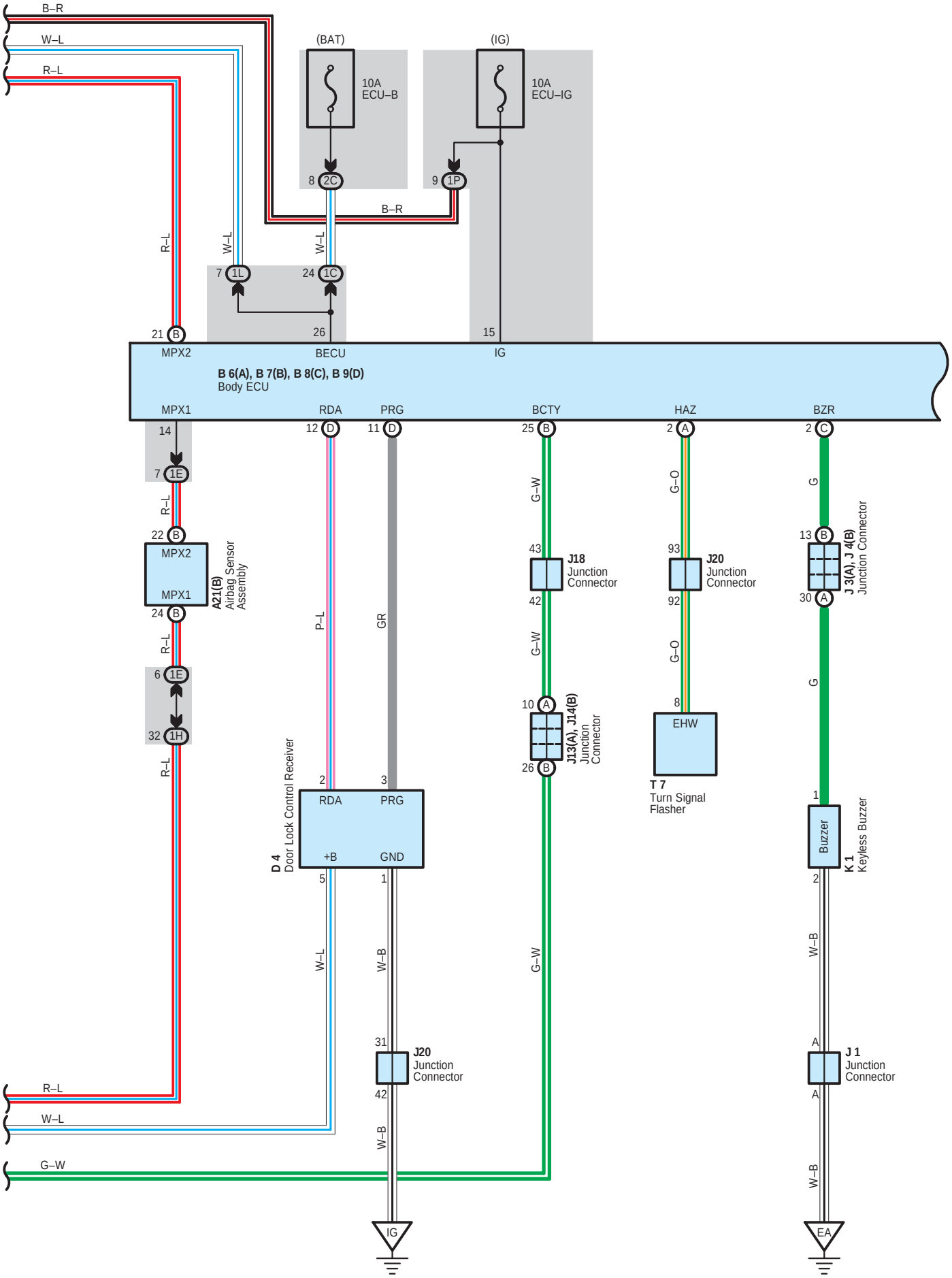


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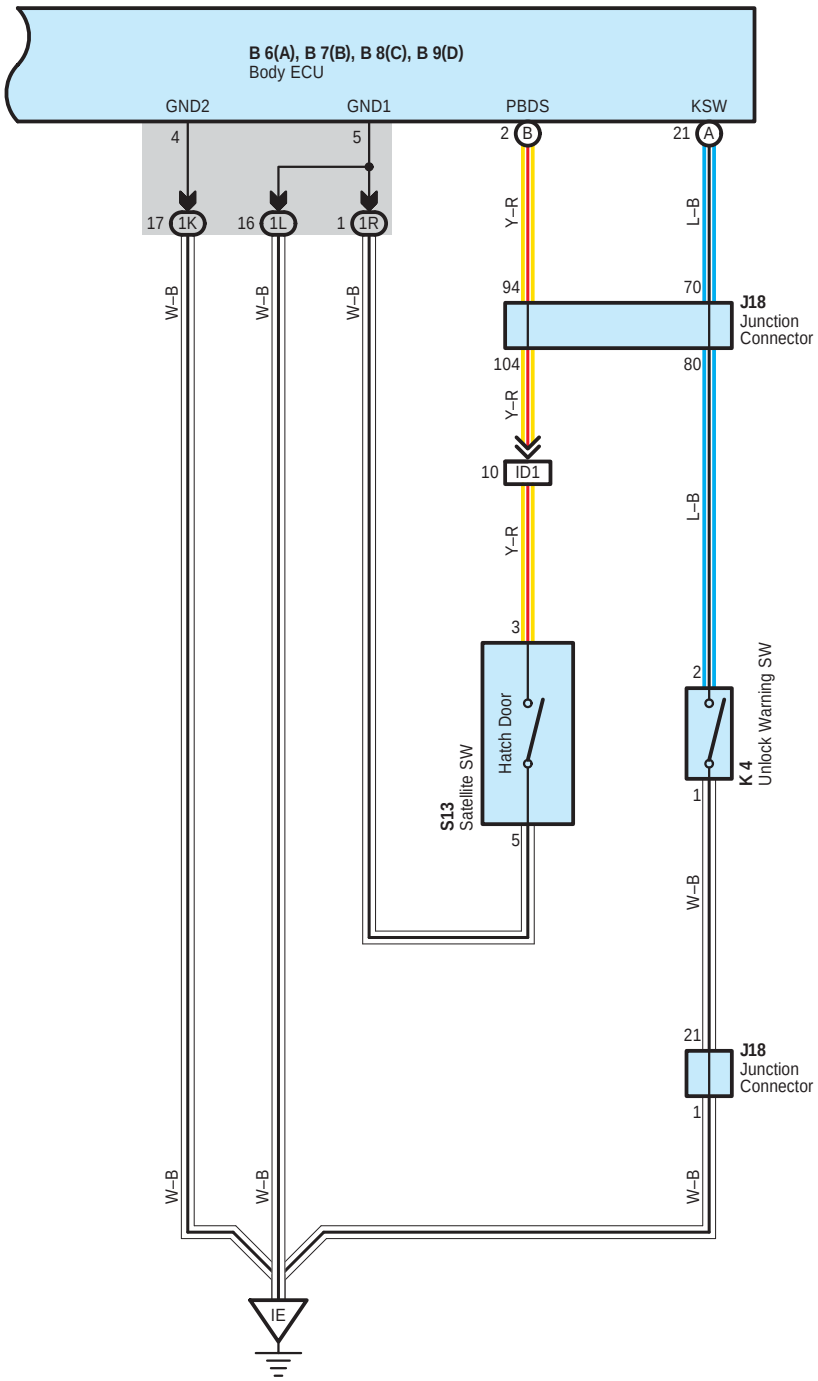


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Back Door Closer



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Back Door Closer

○ : Parts Location

Code		See Page	Code		See Page	Code		See Page
A9	A	38	E5	B	39	J20		40
	B	38	F6	A	36	J37		43
A21	B	38	F12	G	36	J41		43
B6	A	38	G4		39	J47		40
B7	B	38	J1		37	J49		40
B8	C	38	J3	A	40	K1		37
B9	D	38	J4	B	40	K4		40
B10		42	J13	A	40	P1		37
B12		42	J14	B	40	P13	A	44
C10		39	J17		40	P14	B	44
D4		39	J18		40	S13		45
E4	A	39	J19		40	T7		41

⬭ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1E	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1H	30	
1K	31	
1L		
1P	31	Floor No.1 Wire and Driver Side J/B (Lower Finish Panel)
1R	31	Roof Wire and Driver Side J/B (Lower Finish Panel)
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

▭ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	52	Engine Room Main Wire and Floor No.1 Wire (Left Cowl Side Panel)
ID1	52	Roof Wire and Instrument Panel Wire (Near the Driver Side J/B)
II3	53	Engine Wire and Instrument Panel Wire (Right Kick Panel)
BE1	54	Floor No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)
BF1		
BG1	55	Back Door No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)
BG3		
BH1	55	Floor No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)

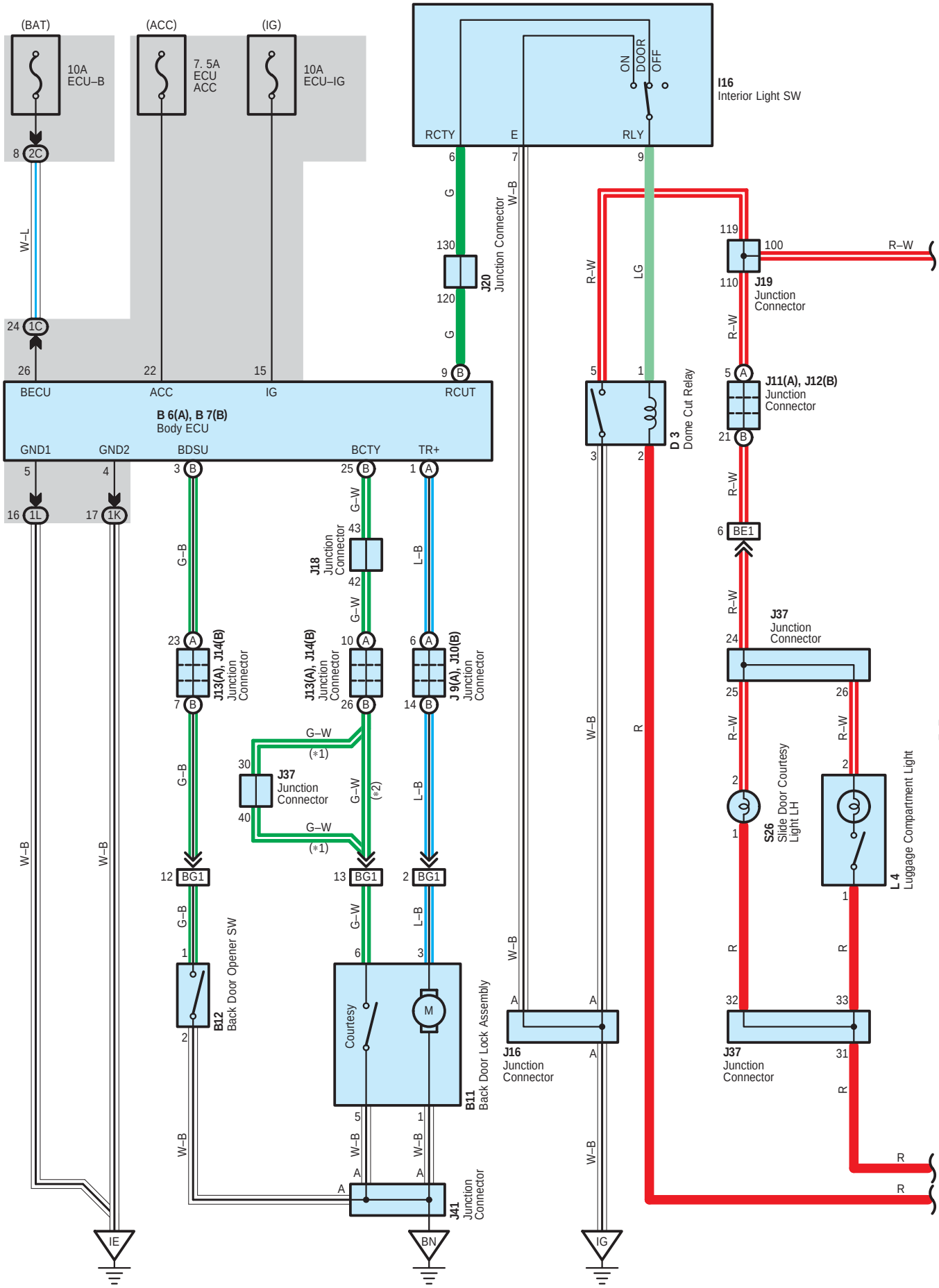
▽ : Ground Points

Code	See Page	Ground Points Location
EA	50	Front Side of the Right Fender Apron
IE	52	Left Kick Panel
IG	52	Right Kick Panel
BM	54	Left Rear Quarter Panel
BN	54	Left Side of the Back Door

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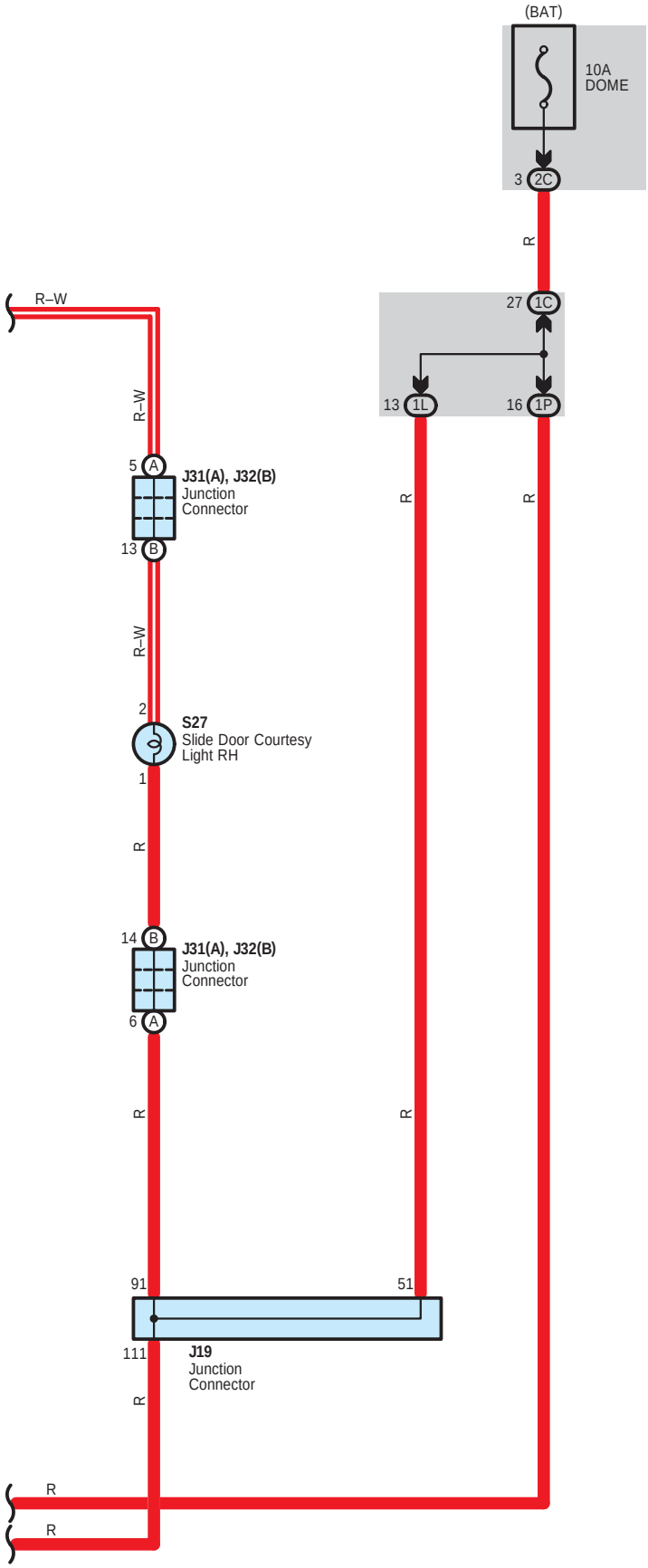
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Back Door Opener without Power Back Door



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∗ 1 : w/ Power Rear No. 2 Seat with Stowing Function
∗ 2 : w/o Power Rear No. 2 Seat with Stowing Function



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Back Door Opener without Power Back Door

: Parts Location

Code		See Page	Code		See Page	Code		See Page
B6	A	38	J11	A	40	J31	A	40
B7	B	38	J12	B	40	J32	B	40
B11		42	J13	A	40	J37		43
B12		42	J14	B	40	J41		43
D3		39	J16		40	L4		43
I16		39	J18		40	S26		45
J9	A	40	J19		40	S27		45
J10	B	40	J20		40			

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1K	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1L		
1P	31	Floor No.1 Wire and Driver Side J/B (Lower Finish Panel)
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

: Connector Joining Wire Harness and Wire Harness

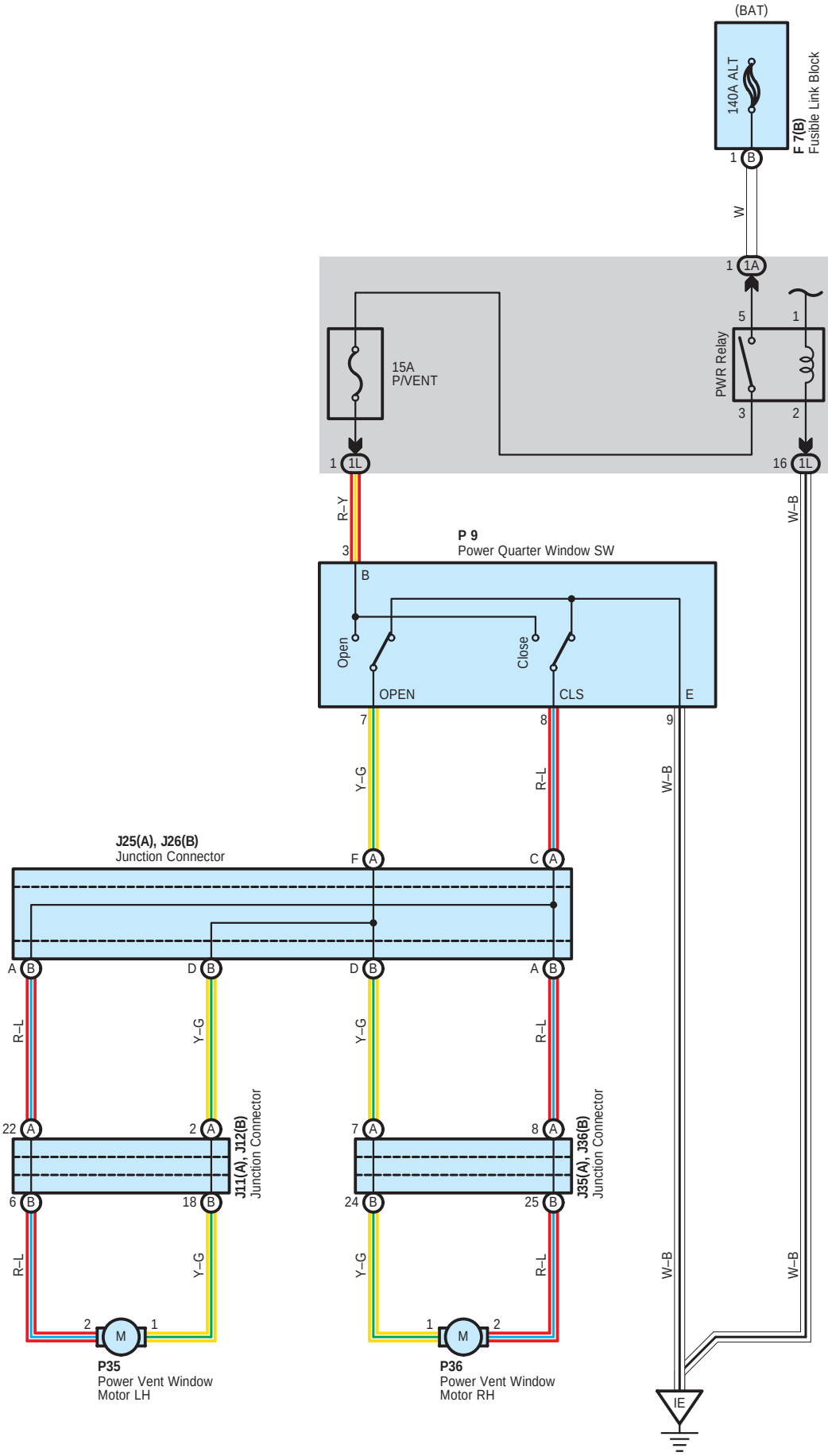
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
BE1	54	Floor No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)
BG1	55	Back Door No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)

: Ground Points

Code	See Page	Ground Points Location
IE	52	Left Kick Panel
IG	52	Right Kick Panel
BN	54	Left Side of the Back Door

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: Parts Location

Code		See Page	Code		See Page	Code	See Page
F7	B	36	J26	B	40	P35	44
J11	A	40	J35	A	40	P36	44
J12	B	40	J36	B	40		
J25	A	40	P9		41		

: Junction Block and Wire Harness Connector

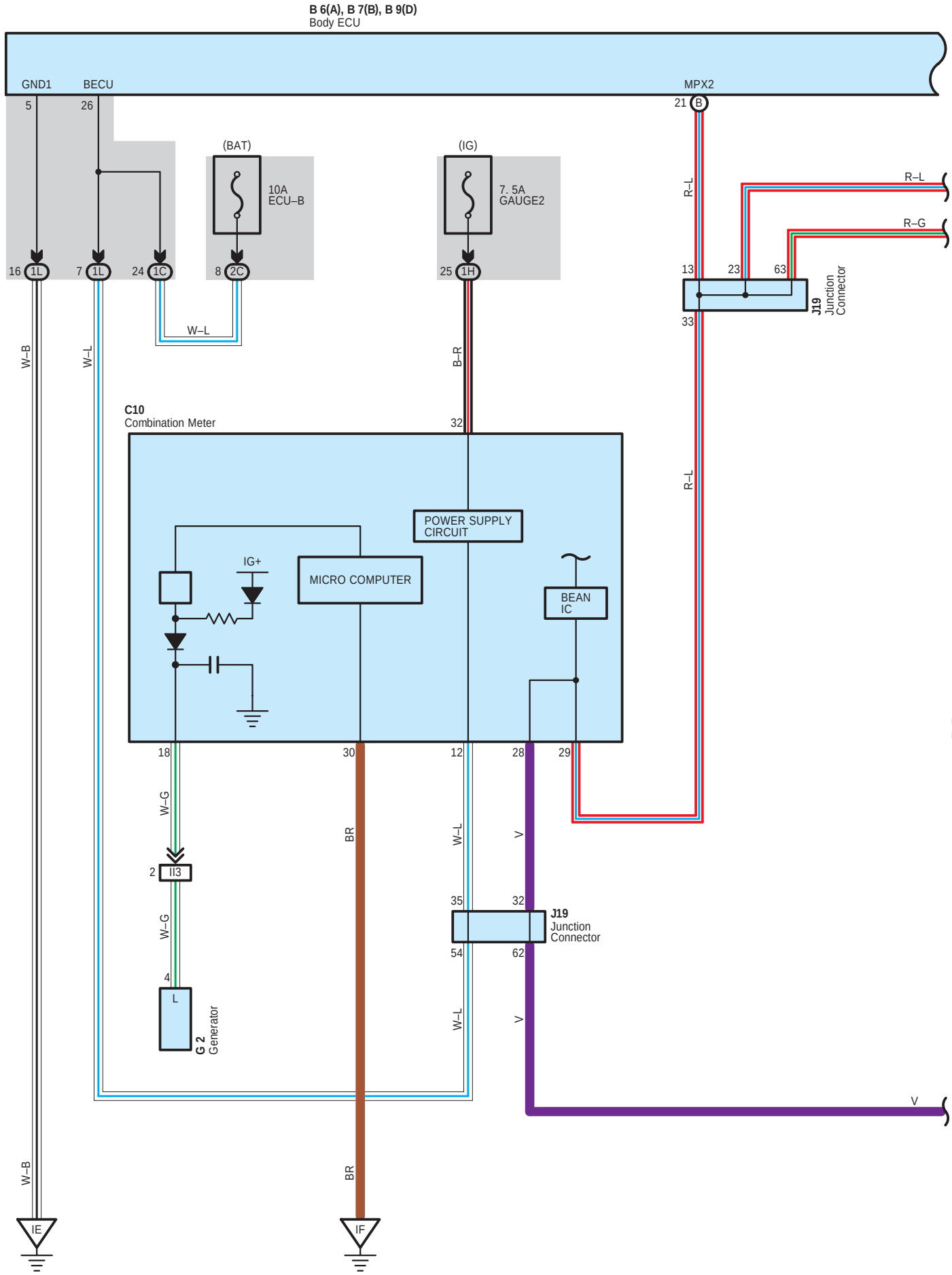
Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1L	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)

: Ground Points

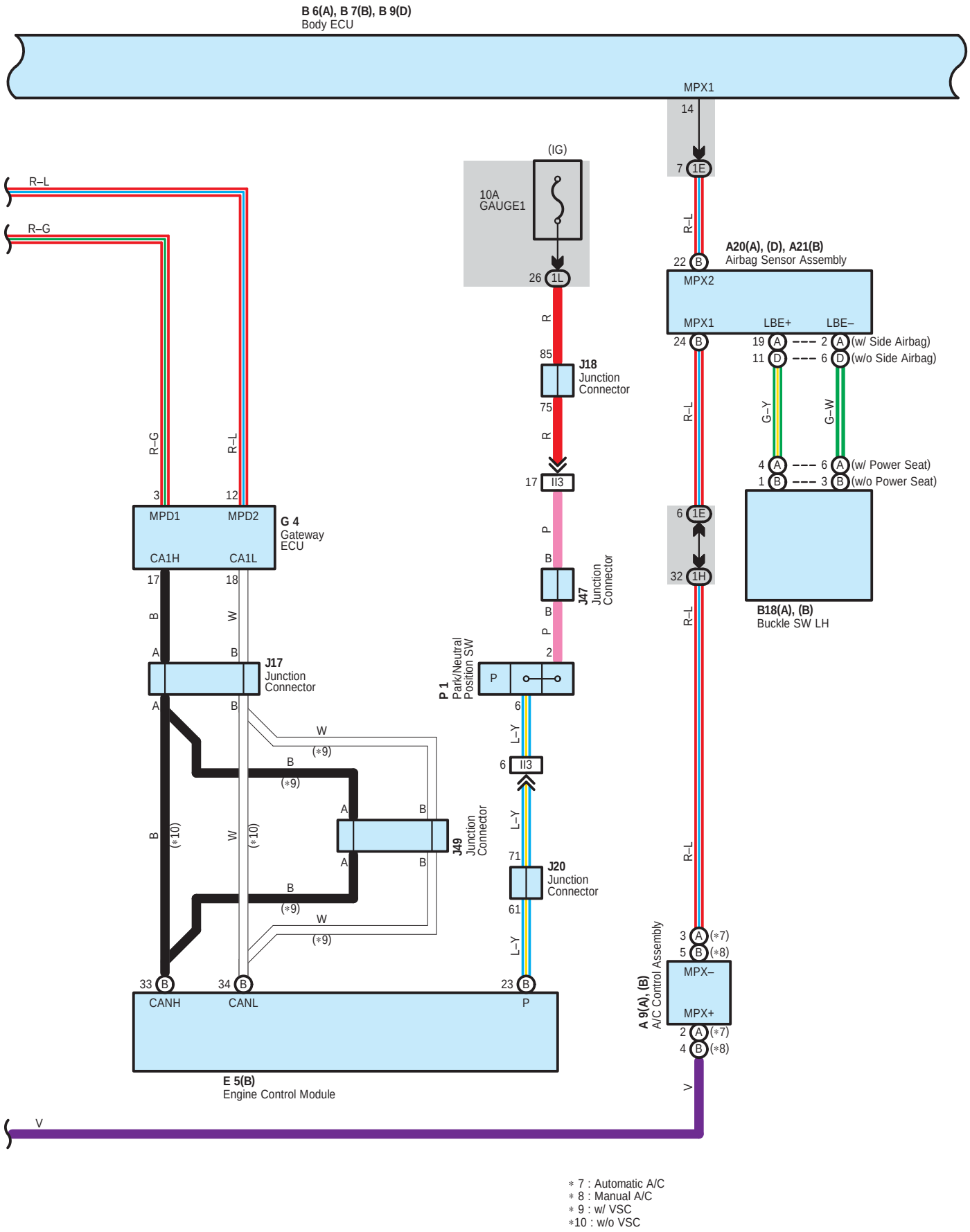
Code	See Page	Ground Points Location
IE	52	Left Kick Panel

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Door Lock Control

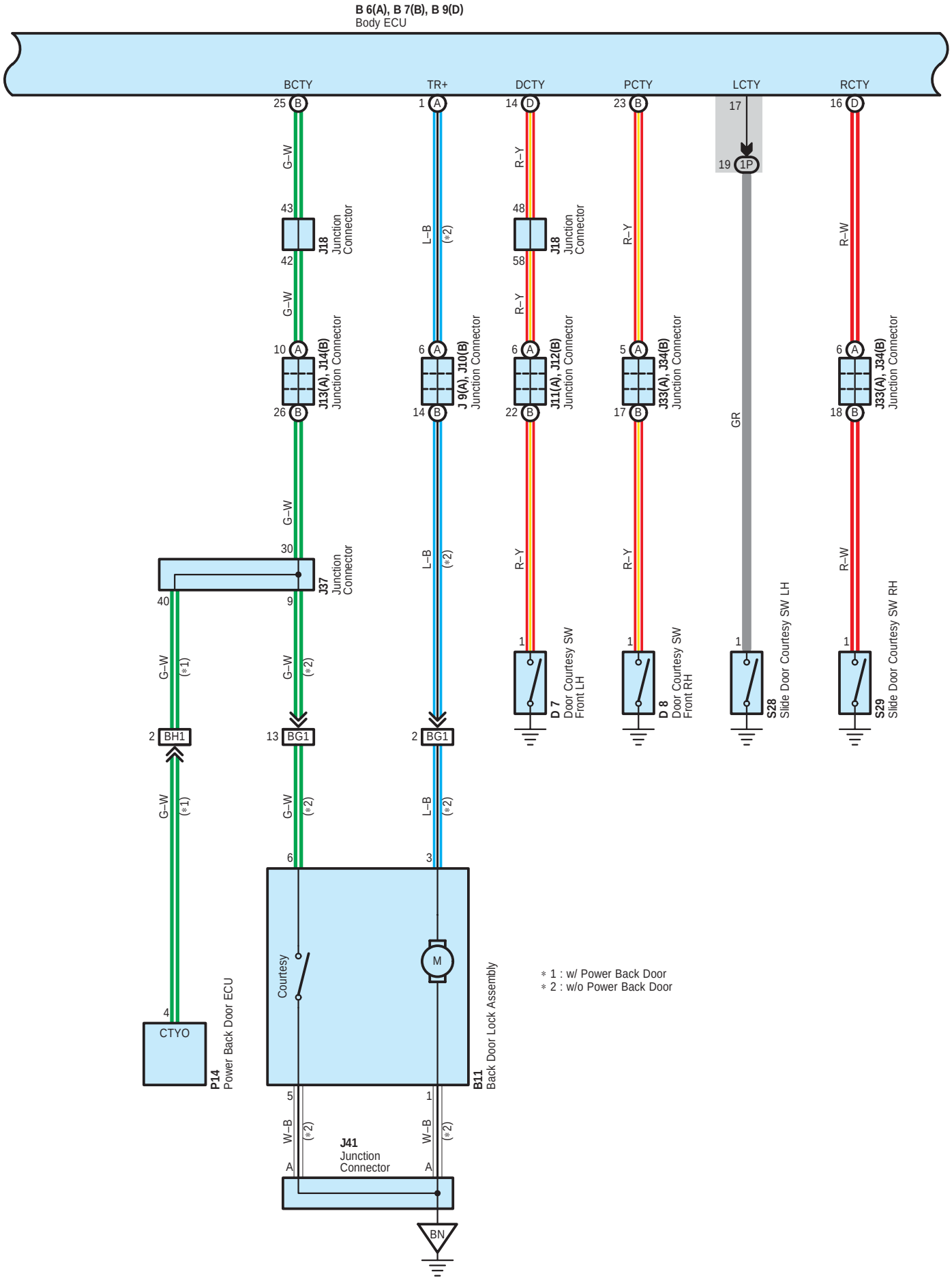


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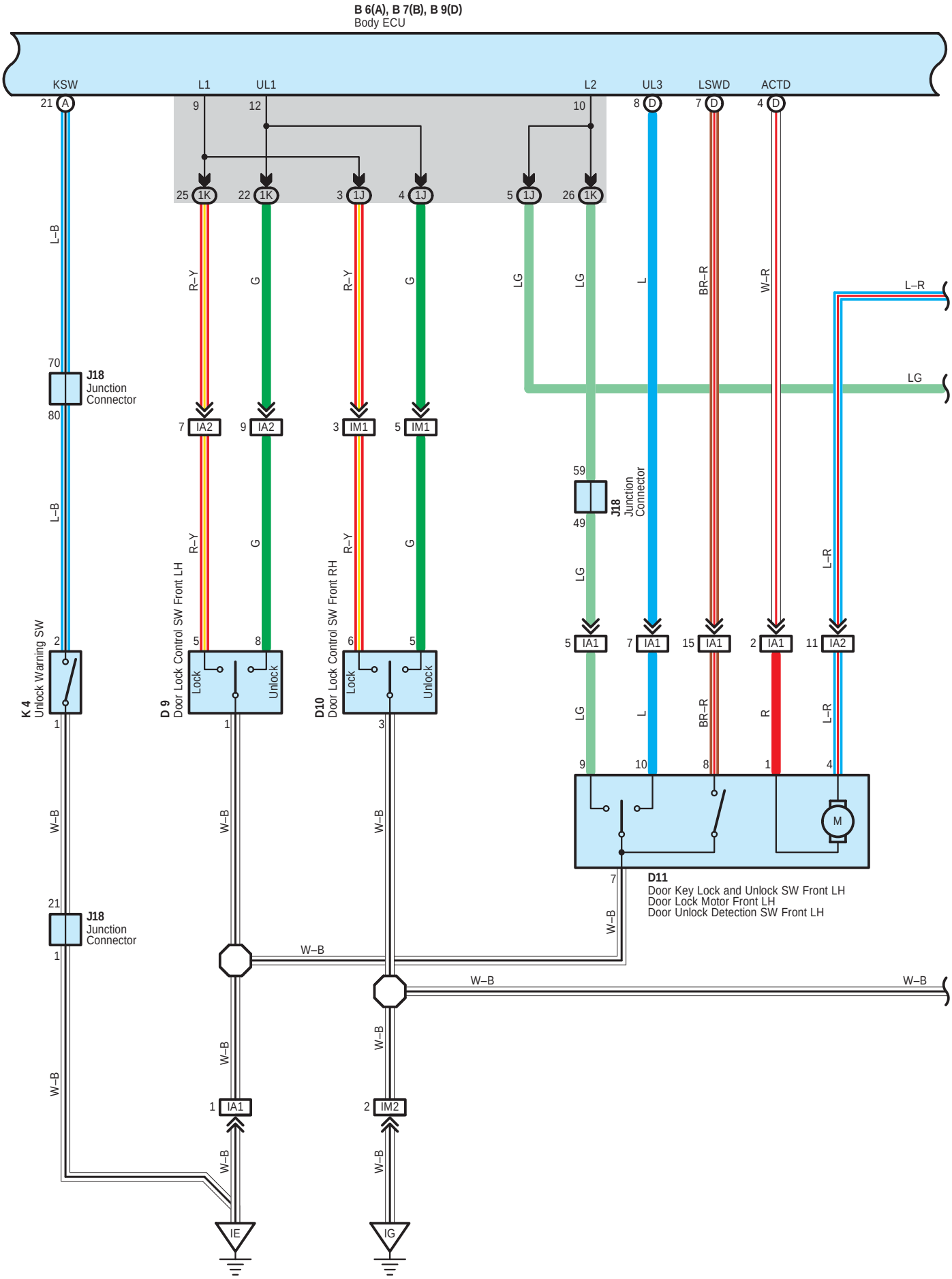


∗ 7 : Automatic A/C
∗ 8 : Manual A/C
∗ 9 : w/ VSC
∗10 : w/o VSC

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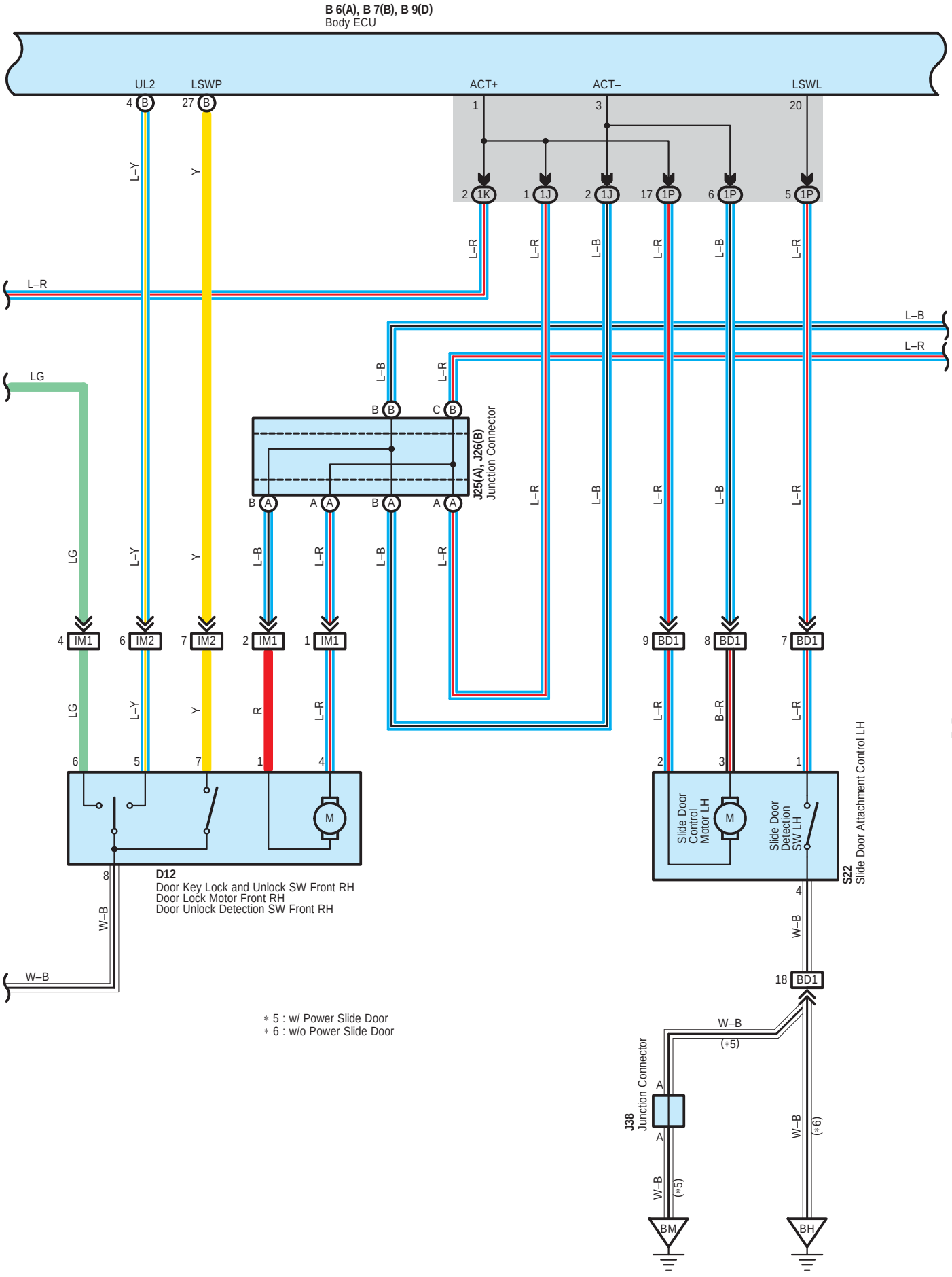


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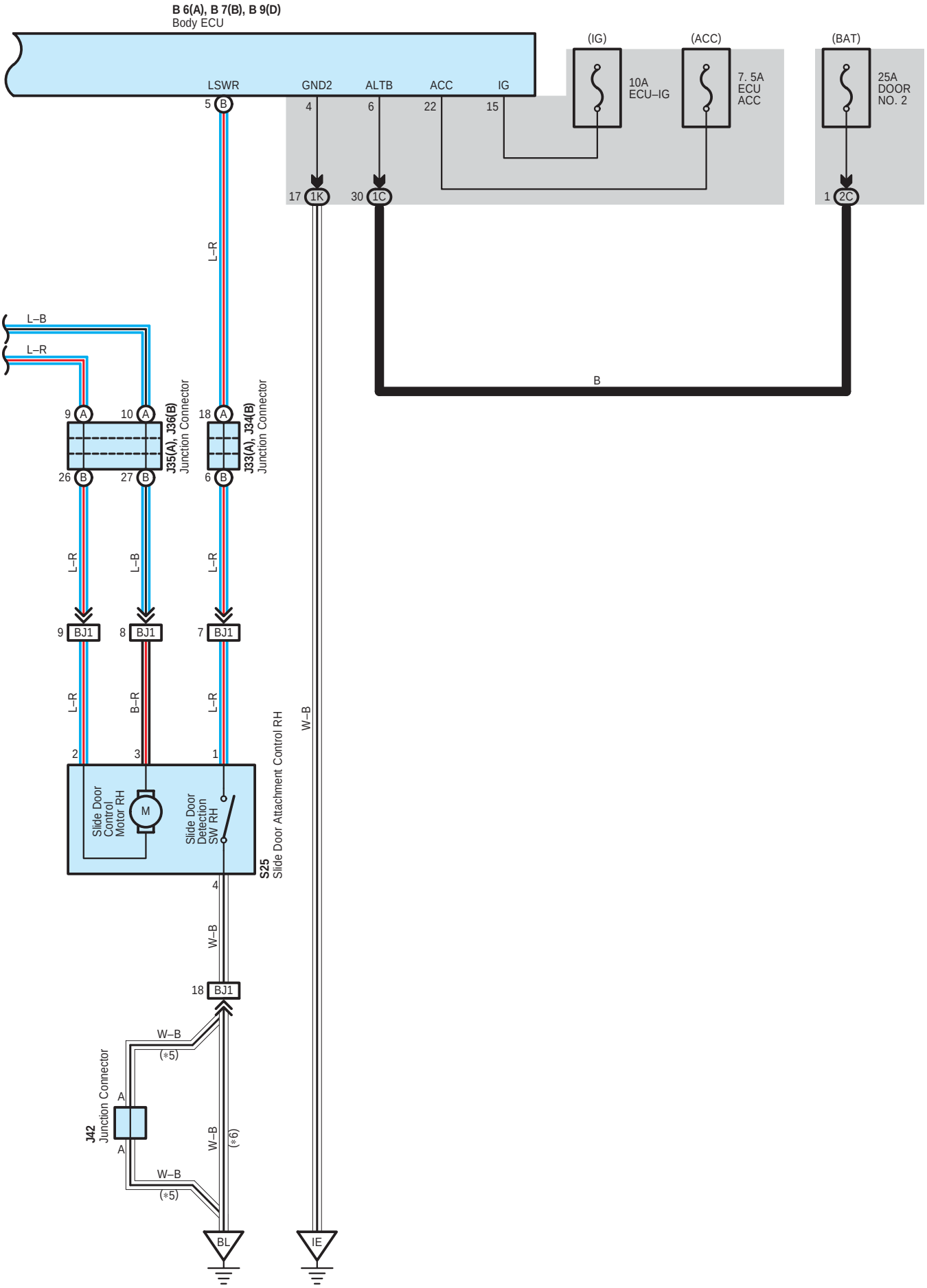


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Door Lock Control



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Door Lock Control

○ : Parts Location

Code		See Page	Code		See Page	Code		See Page
A9	A	38	D11		42	J34	B	40
	B	38	D12		42	J35	A	40
A20	A	38	E5	B	39	J36	B	40
	D	38	G2		36	J37		43
A21	B	38	G4		39	J38		43
B6	A	38	J9	A	40	J41		43
B7	B	38	J10	B	40	J42		43
B9	D	38	J11	A	40	J47		40
B11		42	J12	B	40	J49		40
B18	A	46 (*1)	J13	A	40	K4		40
		47 (*2)	J14	B	40	P1		37
	B	46 (*1)	J17		40	P14		44
		47 (*2)	J18		40	S22		45
C10		39	J19		40	S25		45
D7		42	J20		40	S28		45
D8		42	J25	A	40	S29		45
D9		42	J26	B	40			
D10		42	J33	A	40			

⬭ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1E	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1H	30	
1J	31	
1K		
1L		
1P	31	Floor No.1 Wire and Driver Side J/B (Lower Finish Panel)
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

▭ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	52	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IA2		
II3	53	Engine Wire and Instrument Panel Wire (Right Kick Panel)
IM1	53	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IM2		
BD1	54	Rear Door No.2 Wire and Floor No.1 Wire (On the Left Rear Wheel House)
BG1	55	Back Door No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)
BH1	55	Floor No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)
BJ1	55	Rear Door No.1 Wire and Floor No.2 Wire (On the Right Rear Wheel House)

▽ : Ground Points

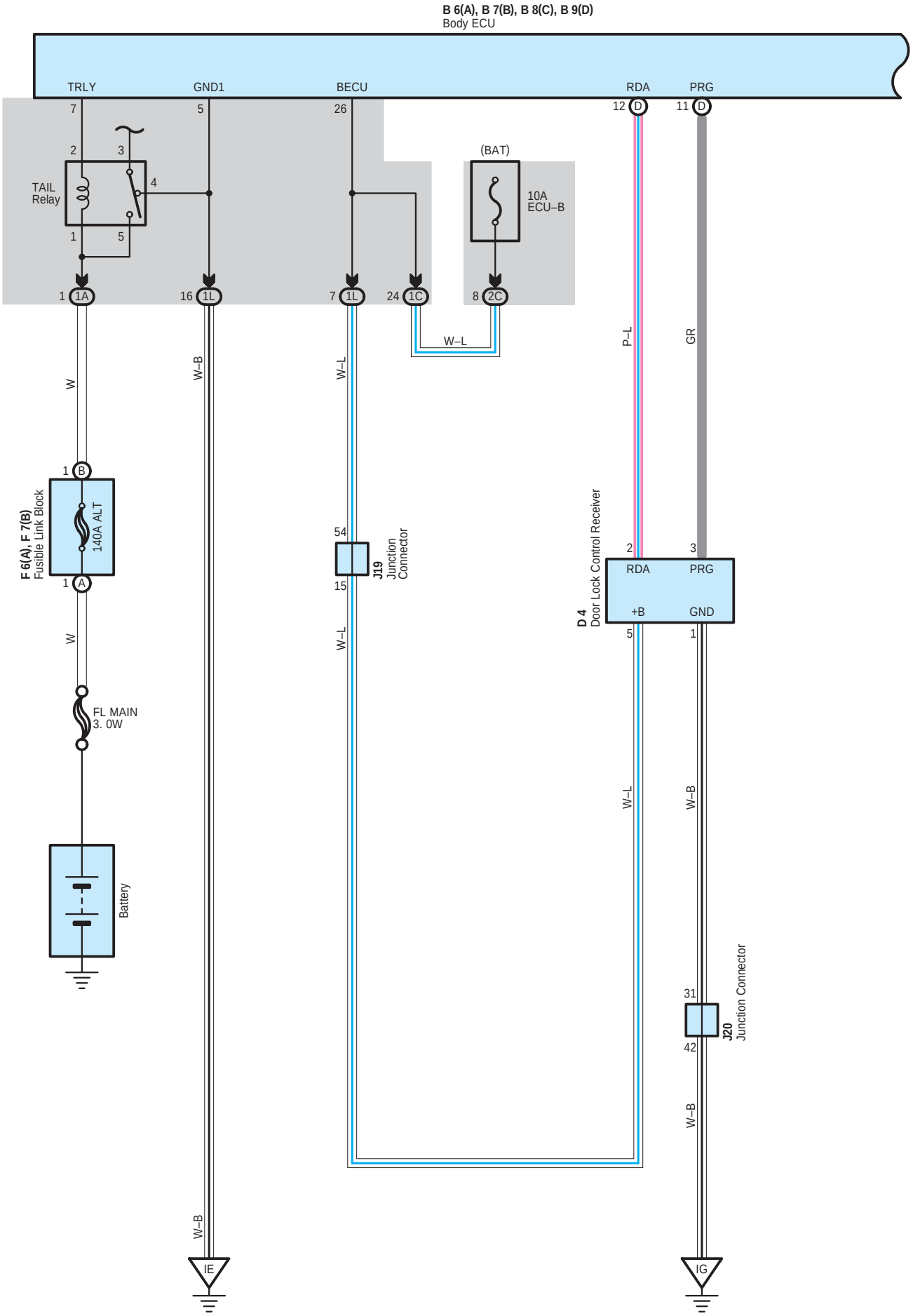
Code	See Page	Ground Points Location
IE	52	Left Kick Panel
IF	52	Instrument Panel Brace LH
IG	52	Right Kick Panel
BH	54	Under the Left Center Pillar
BL	54	Right Rear Quarter Panel
BM	54	Left Rear Quarter Panel
BN	54	Left Side of the Back Door

* 1 : Front Seat w/ Power Seat * 2 : Front Seat w/o Power Seat * 3 : Rear No.2 Seat

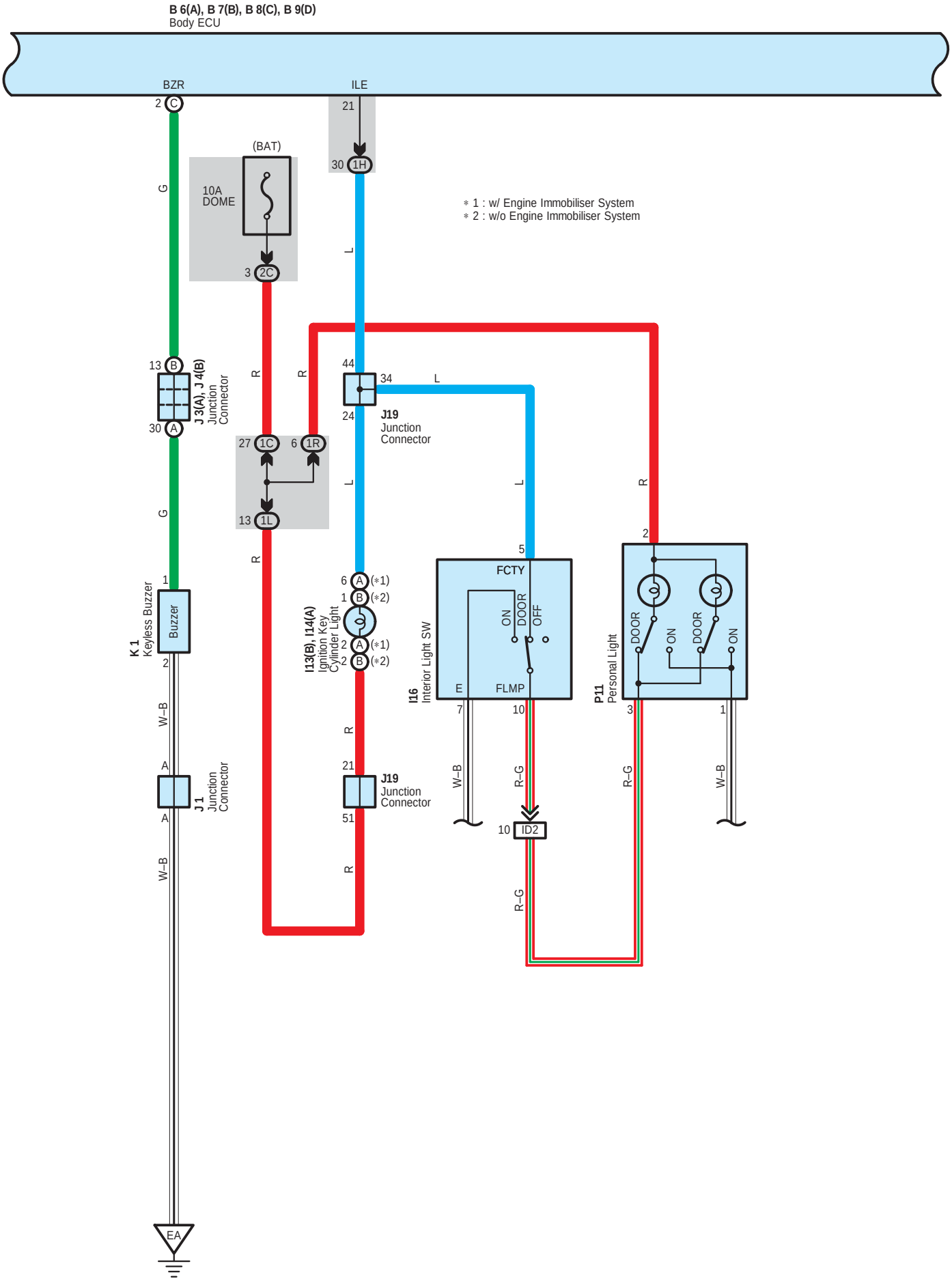
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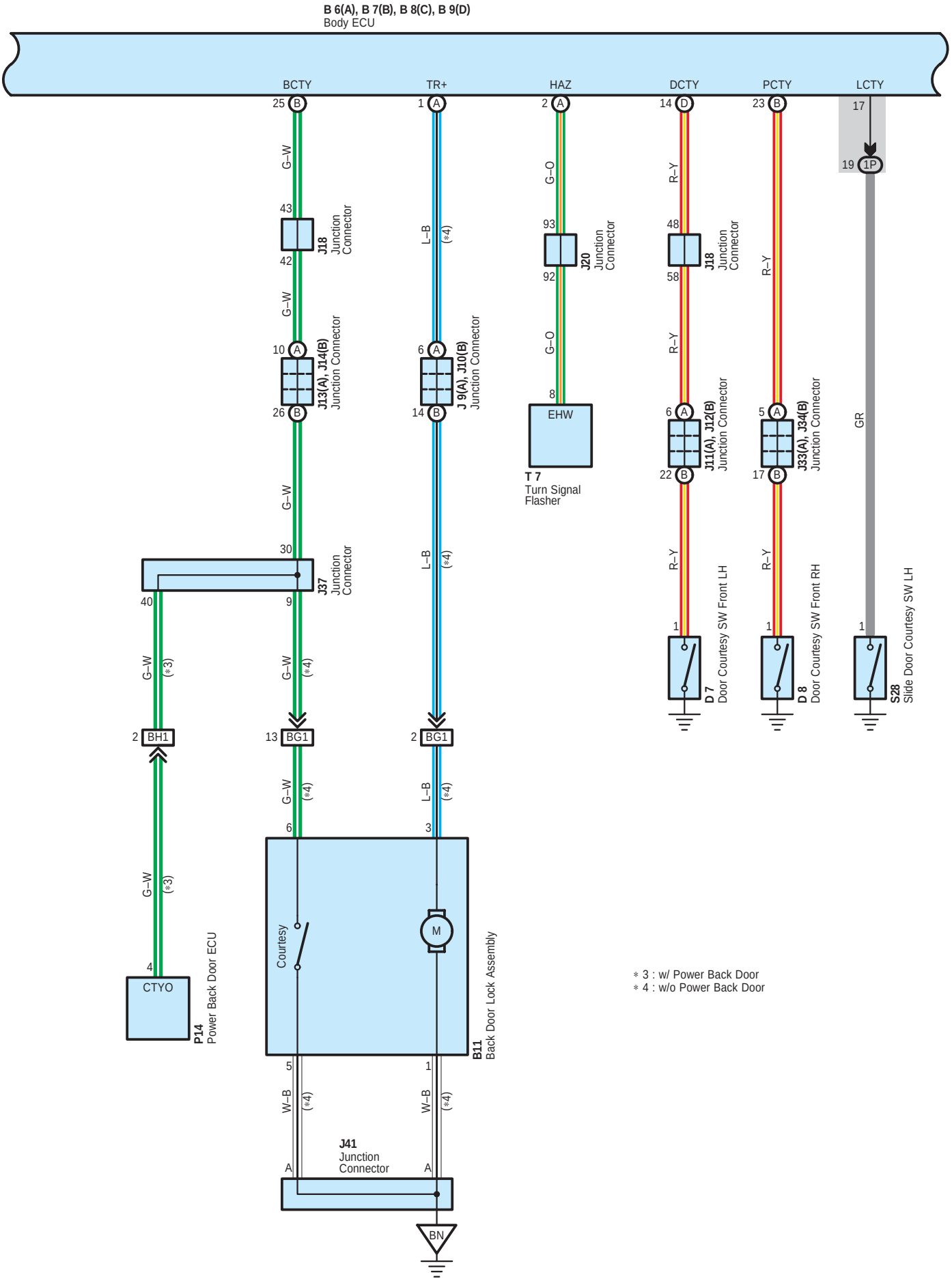
Wireless Door Lock Control



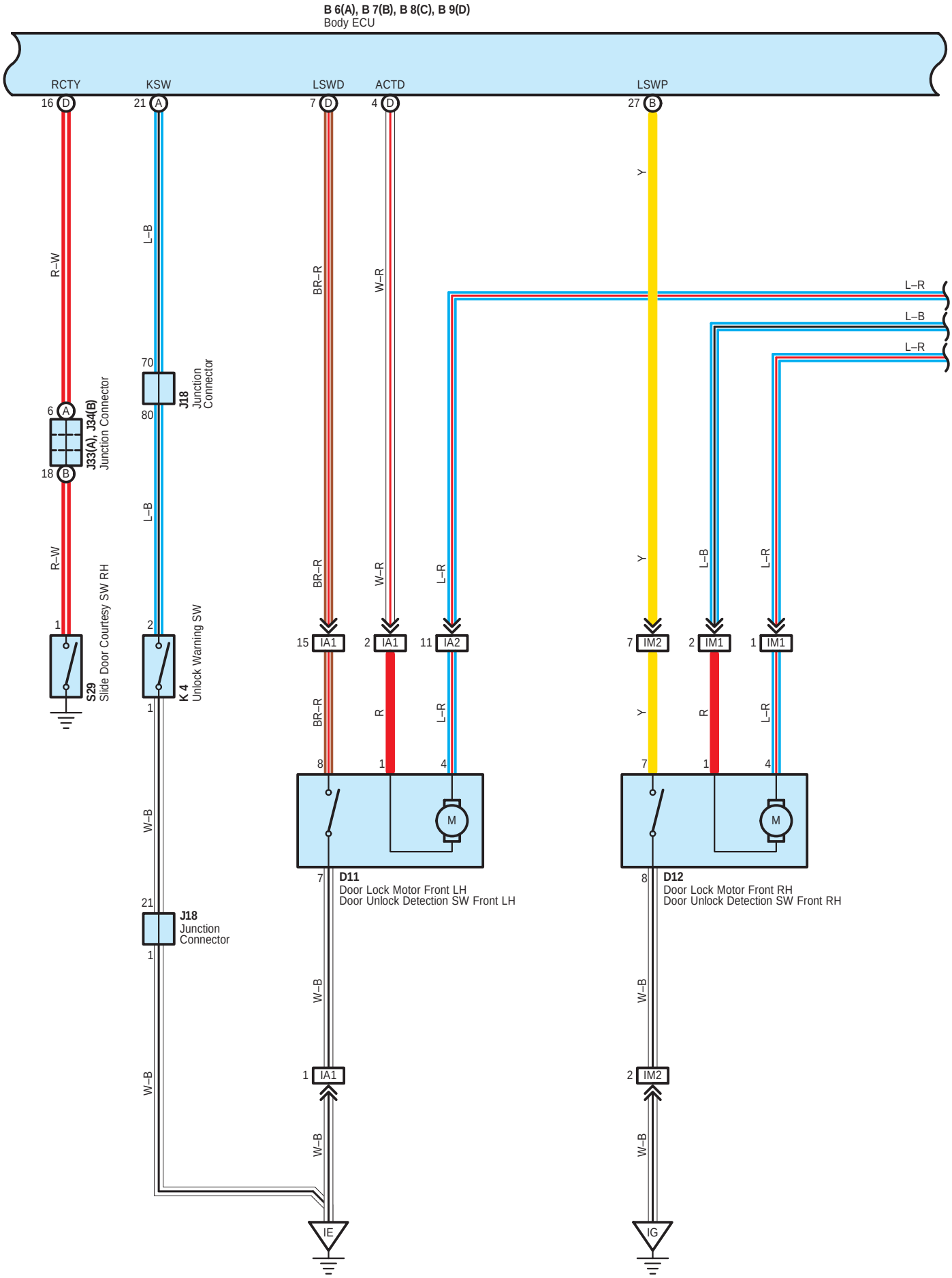
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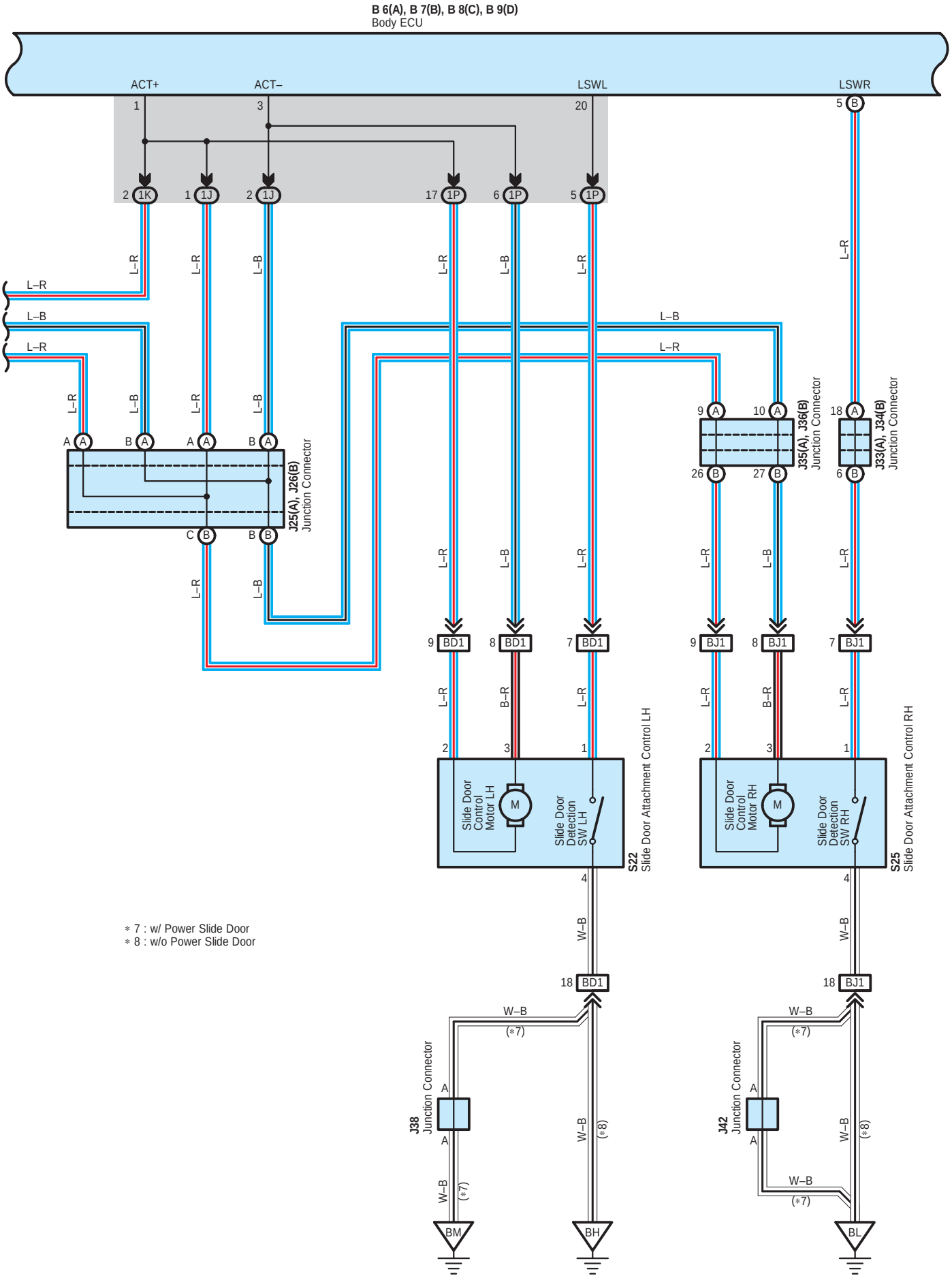


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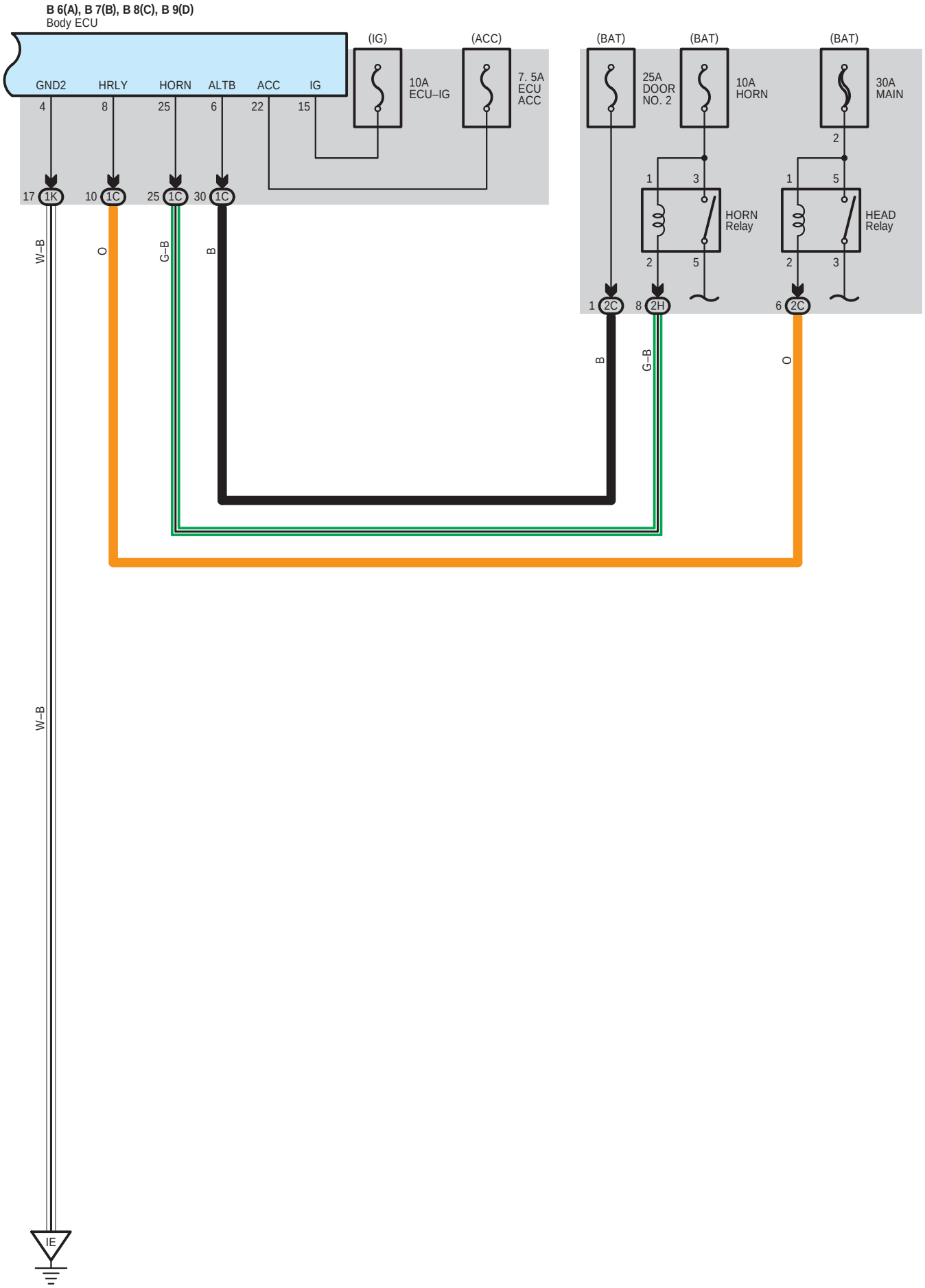


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Wireless Door Lock Control



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Wireless Door Lock Control

: Parts Location

Code	See Page	Code	See Page	Code	See Page
B6 A	38	J3 A	40	J36 B	40
B7 B	38	J4 B	40	J37	43
B8 C	38	J9 A	40	J38	43
B9 D	38	J10 B	40	J41	43
B11	42	J11 A	40	J42	43
D4	39	J12 B	40	K1	37
D7	42	J13 A	40	K4	40
D8	42	J14 B	40	P11	44
D11	42	J18	40	P14	44
D12	42	J19	40	S22	45
F6 A	36	J20	40	S25	45
F7 B	36	J25 A	40	S28	45
I13 B	39	J26 B	40	S29	45
I14 A	39	J33 A	40	T7	41
I16	39	J34 B	40		
J1	37	J35 A	40		

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1C		
1H	30	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1J	31	
1K		
1L		
1P	31	Floor No.1 Wire and Driver Side J/B (Lower Finish Panel)
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2H		

: Connector Joining Wire Harness and Wire Harness

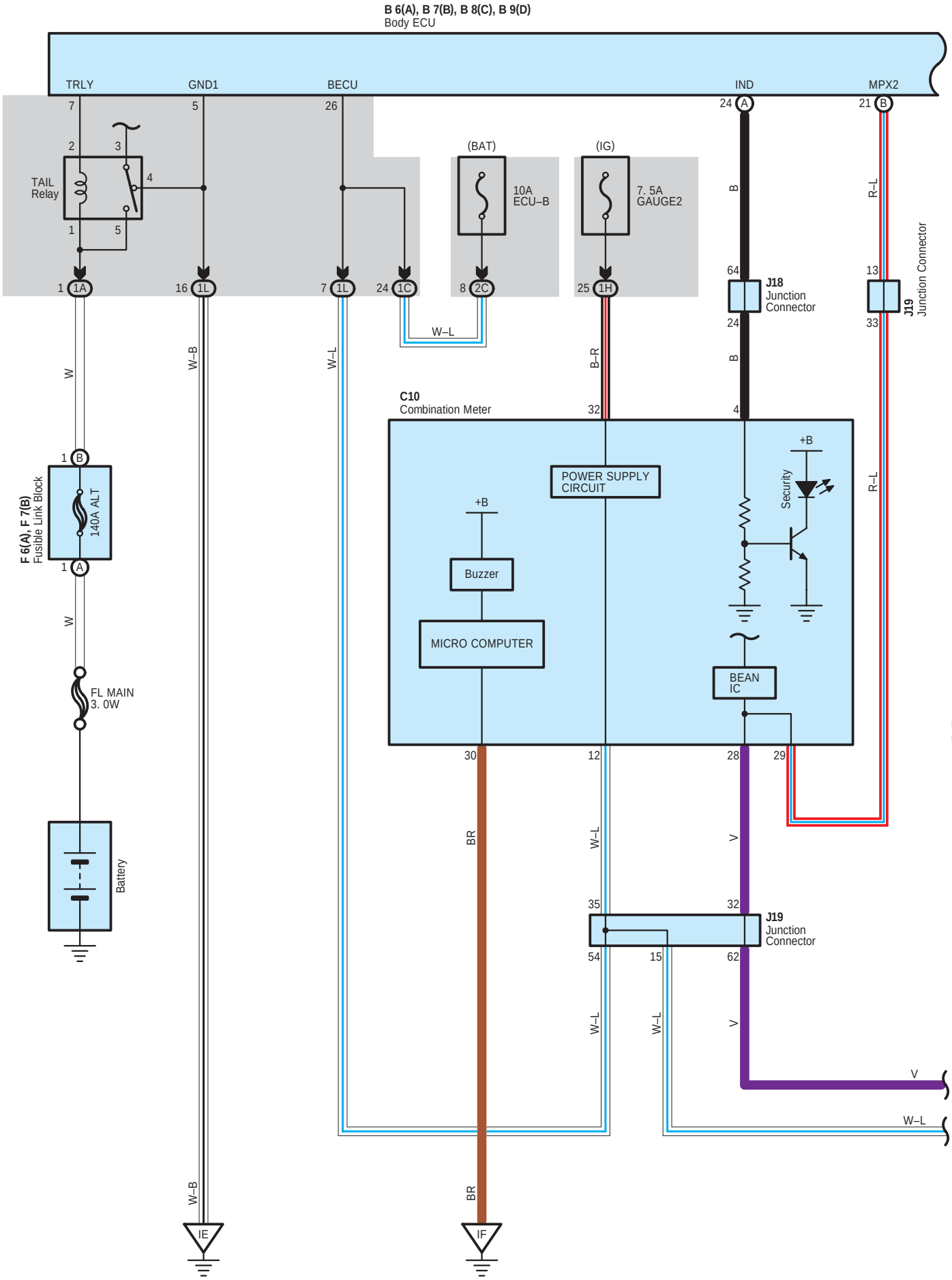
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	52	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IA2		
ID2	52	Roof Wire and Instrument Panel Wire (Near the Driver Side J/B)
IM1	53	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IM2		
BD1	54	Rear Door No.2 Wire and Floor No.1 Wire (On the Left Rear Wheel House)
BG1	55	Back Door No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)
BH1	55	Floor No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)
BJ1	55	Rear Door No.1 Wire and Floor No.2 Wire (On the Right Rear Wheel House)

: Ground Points

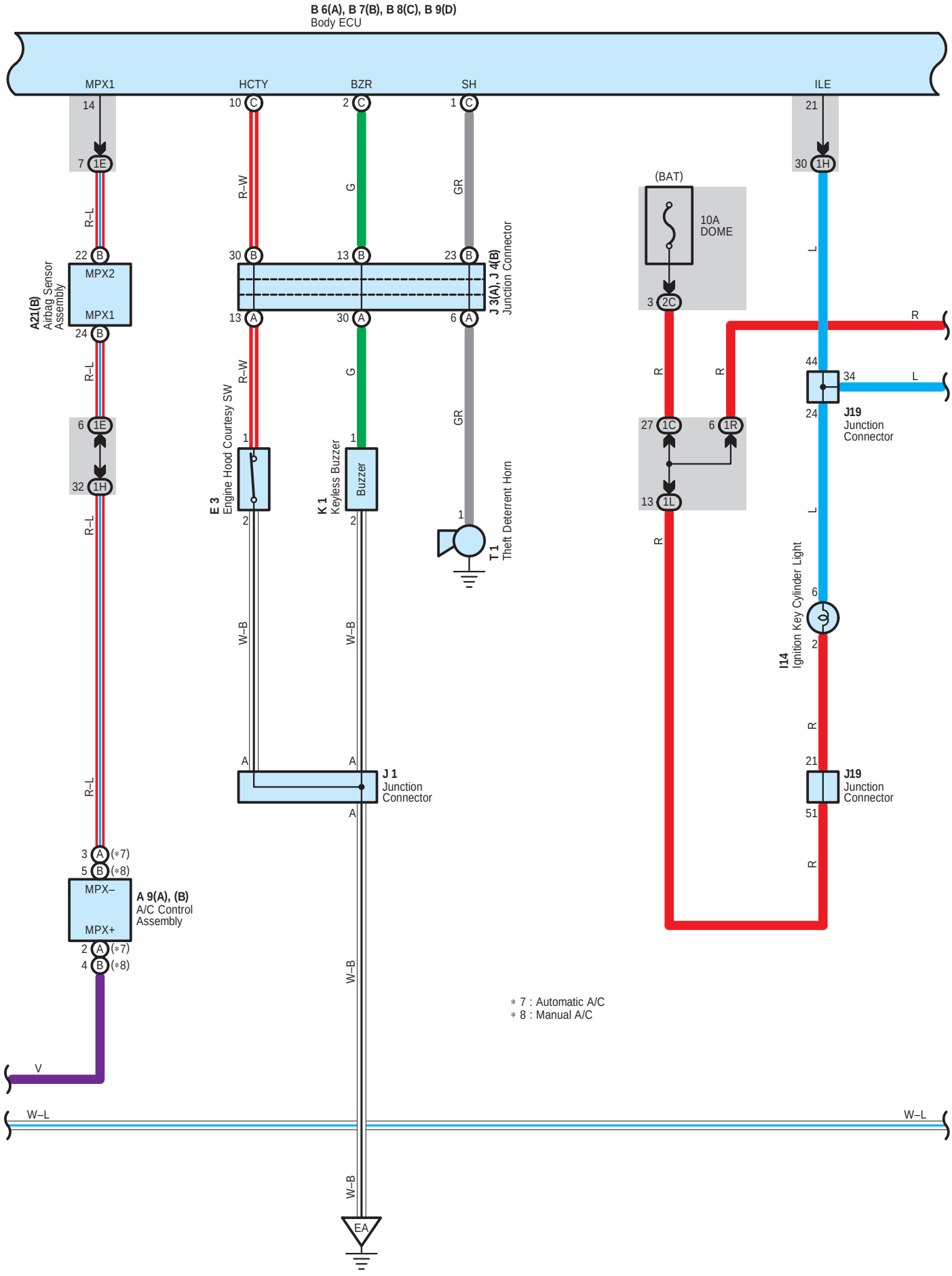
Code	See Page	Ground Points Location
EA	50	Front Side of the Right Fender Apron
IE	52	Left Kick Panel
IG	52	Right Kick Panel
BH	54	Under the Left Center Pillar
BL	54	Right Rear Quarter Panel
BM	54	Left Rear Quarter Panel
BN	54	Left Side of the Back Door

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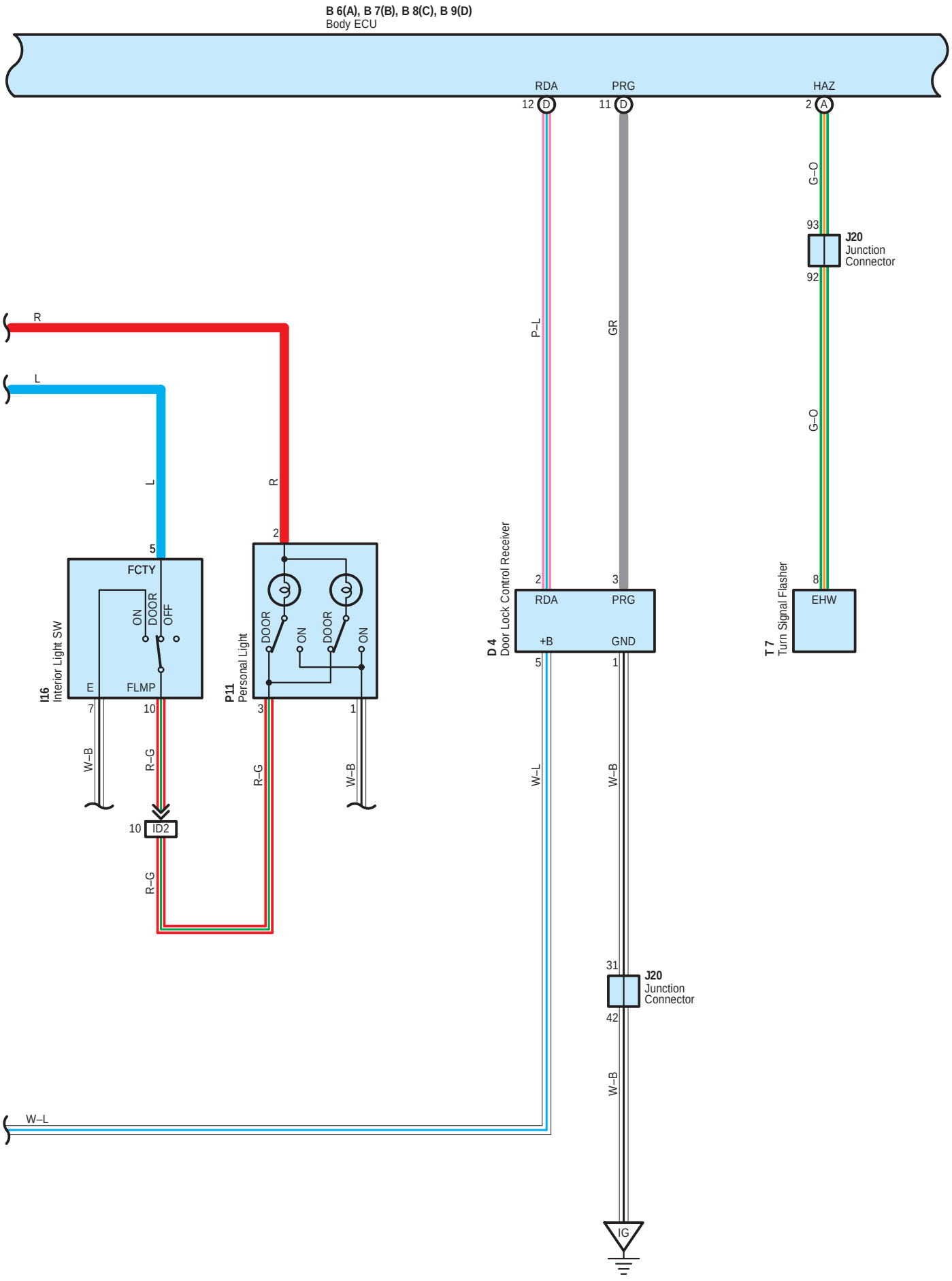
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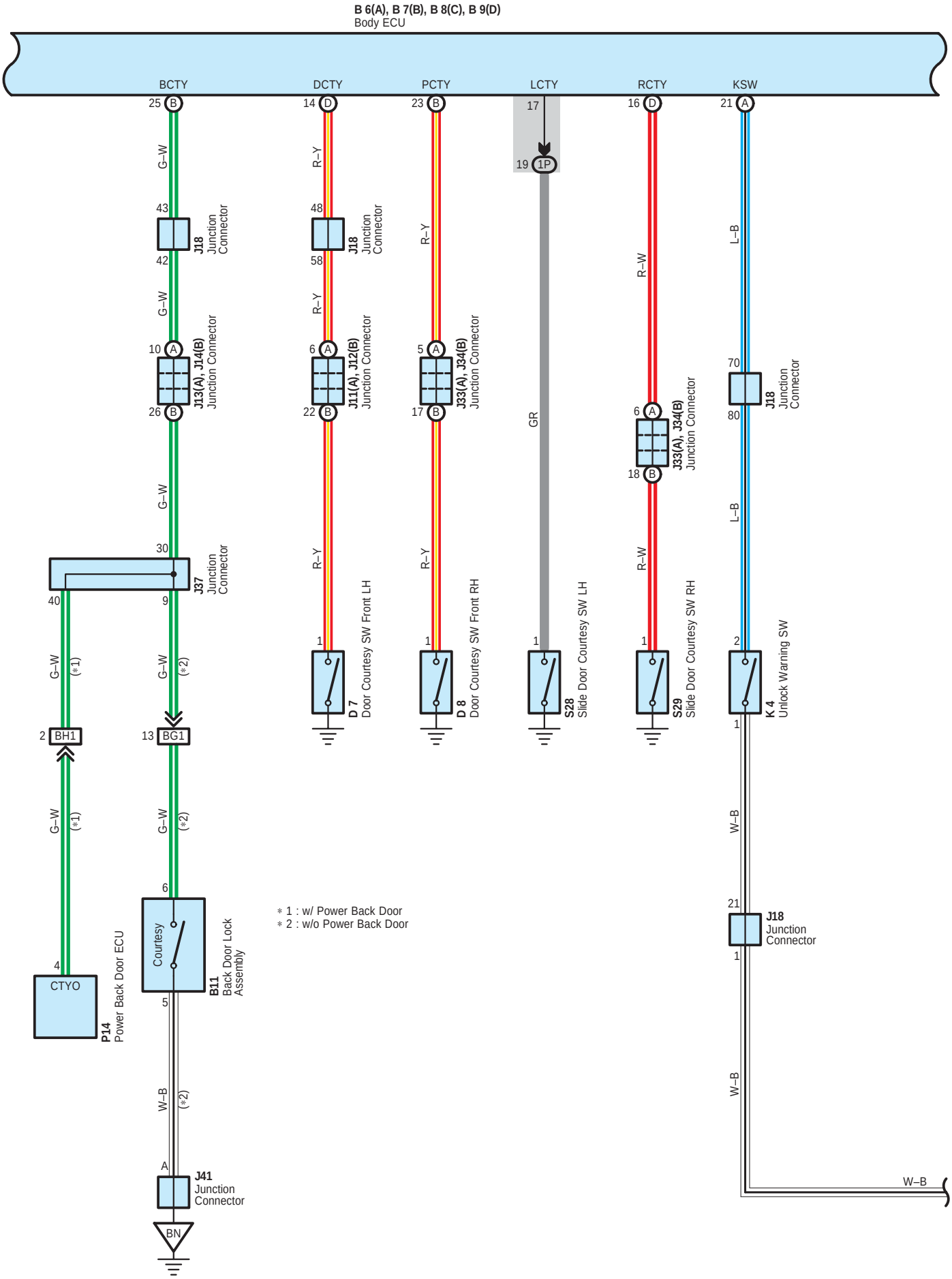
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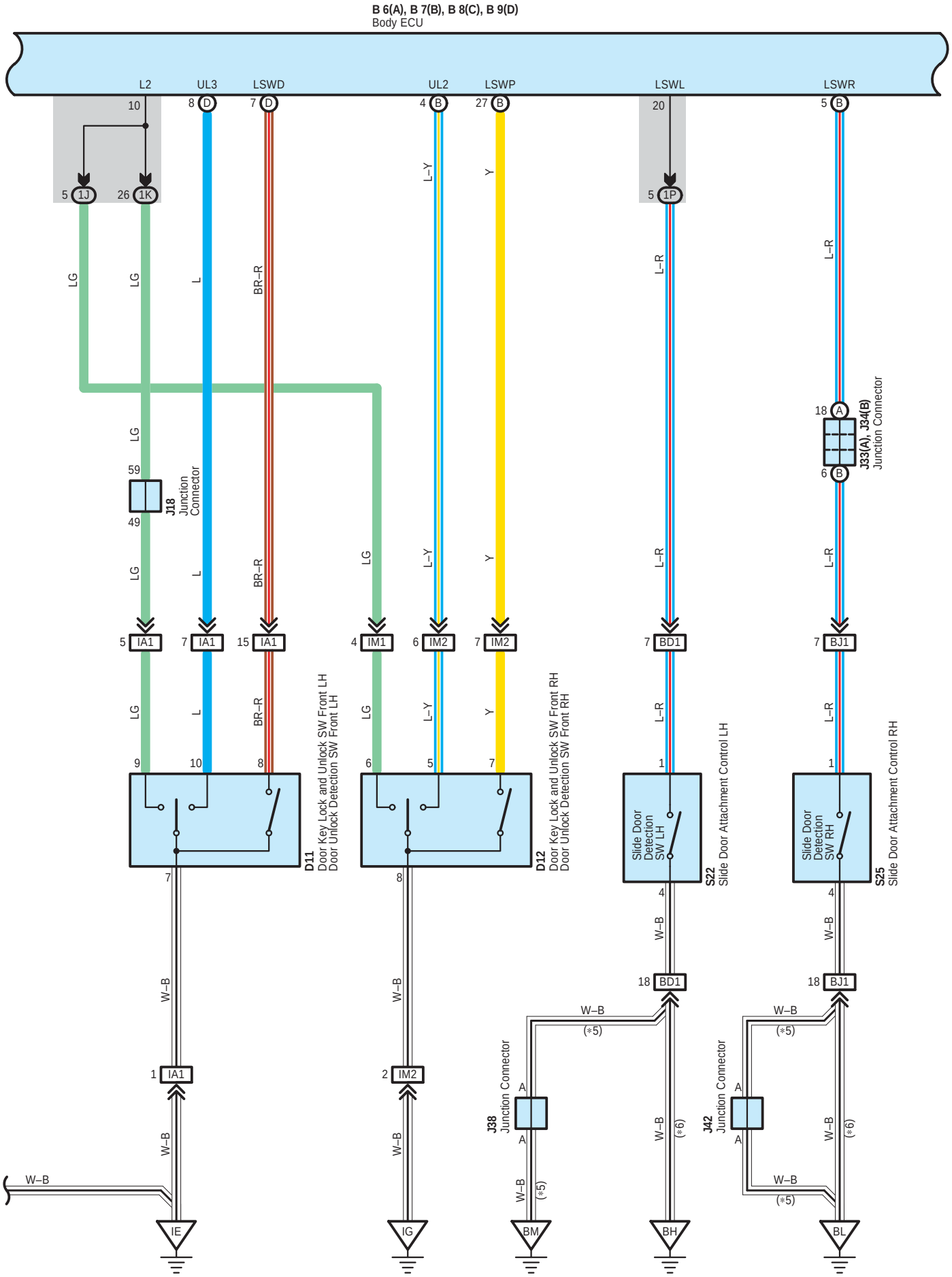
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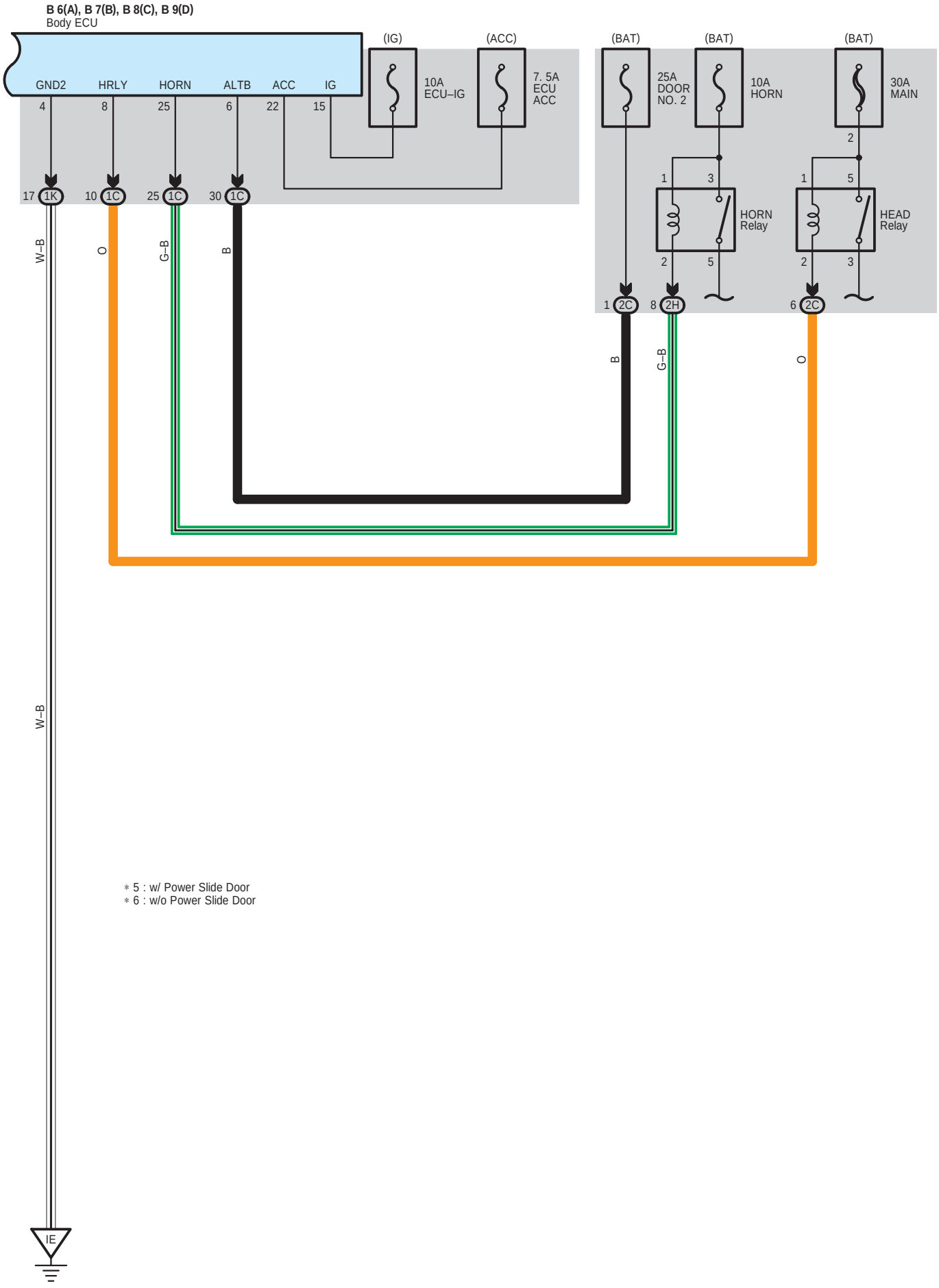
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○ : **Parts Location**

Code		See Page	Code		See Page	Code		See Page
A9	A	38	F6	A	36	J34	B	40
	B	38	F7	B	36	J37		43
A21	B	38	I14		39	J38		43
B6	A	38	I16		39	J41		43
B7	B	38	J1		37	J42		43
B8	C	38	J3	A	40	K1		37
B9	D	38	J4	B	40	K4		40
B11		42	J11	A	40	P11		44
C10		39	J12	B	40	P14		44
D4		39	J13	A	40	S22		45
D7		42	J14	B	40	S25		45
D8		42	J18		40	S28		45
D11		42	J19		40	S29		45
D12		42	J20		40	T1		37
E3		36	J33	A	40	T7		41

⬭ : **Junction Block and Wire Harness Connector**

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1C		
1E	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1H	30	
1J	31	
1K		
1L		
1P	31	Floor No.1 Wire and Driver Side J/B (Lower Finish Panel)
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2H		

▭ : **Connector Joining Wire Harness and Wire Harness**

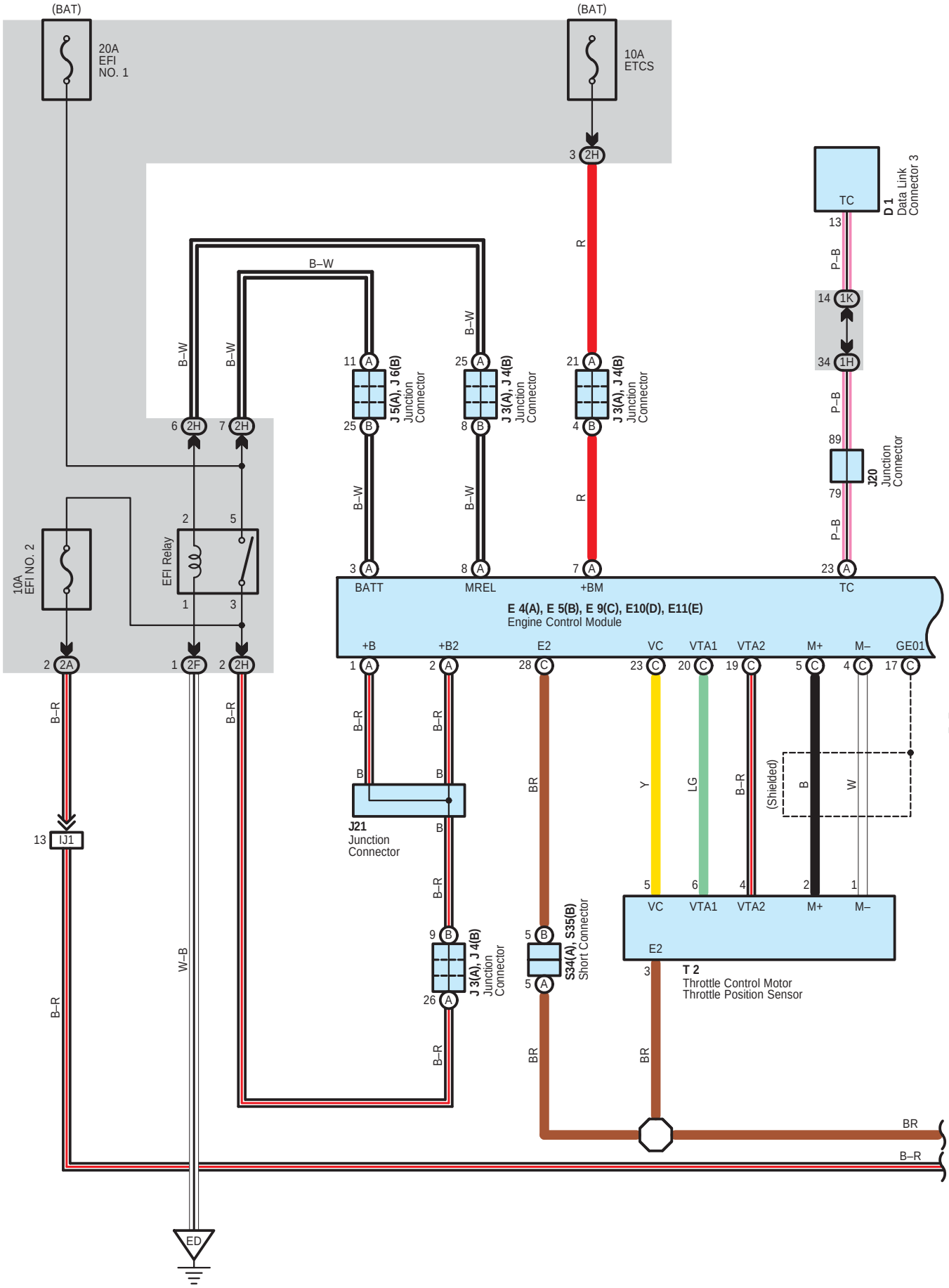
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	52	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
ID2	52	Roof Wire and Instrument Panel Wire (Near the Driver Side J/B)
IM1	53	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IM2		
BD1	54	Rear Door No.2 Wire and Floor No.1 Wire (On the Left Rear Wheel House)
BG1	55	Back Door No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)
BH1	55	Floor No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)
BJ1	55	Rear Door No.1 Wire and Floor No.2 Wire (On the Right Rear Wheel House)

▽ : **Ground Points**

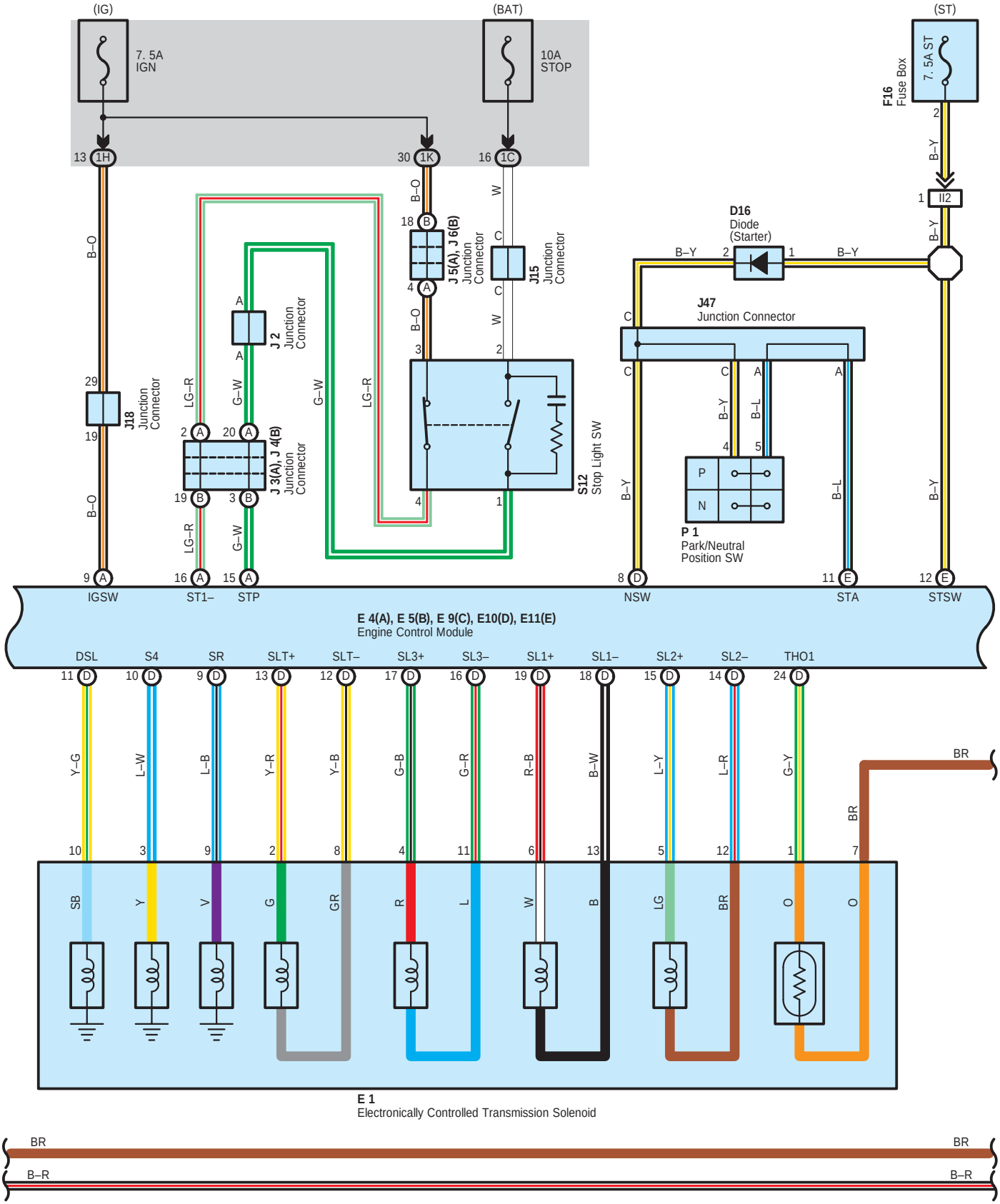
Code	See Page	Ground Points Location
EA	50	Front Side of the Right Fender Apron
IE	52	Left Kick Panel
IF	52	Instrument Panel Brace LH
IG	52	Right Kick Panel
BH	54	Under the Left Center Pillar
BL	54	Right Rear Quarter Panel
BM	54	Left Rear Quarter Panel
BN	54	Left Side of the Back Door

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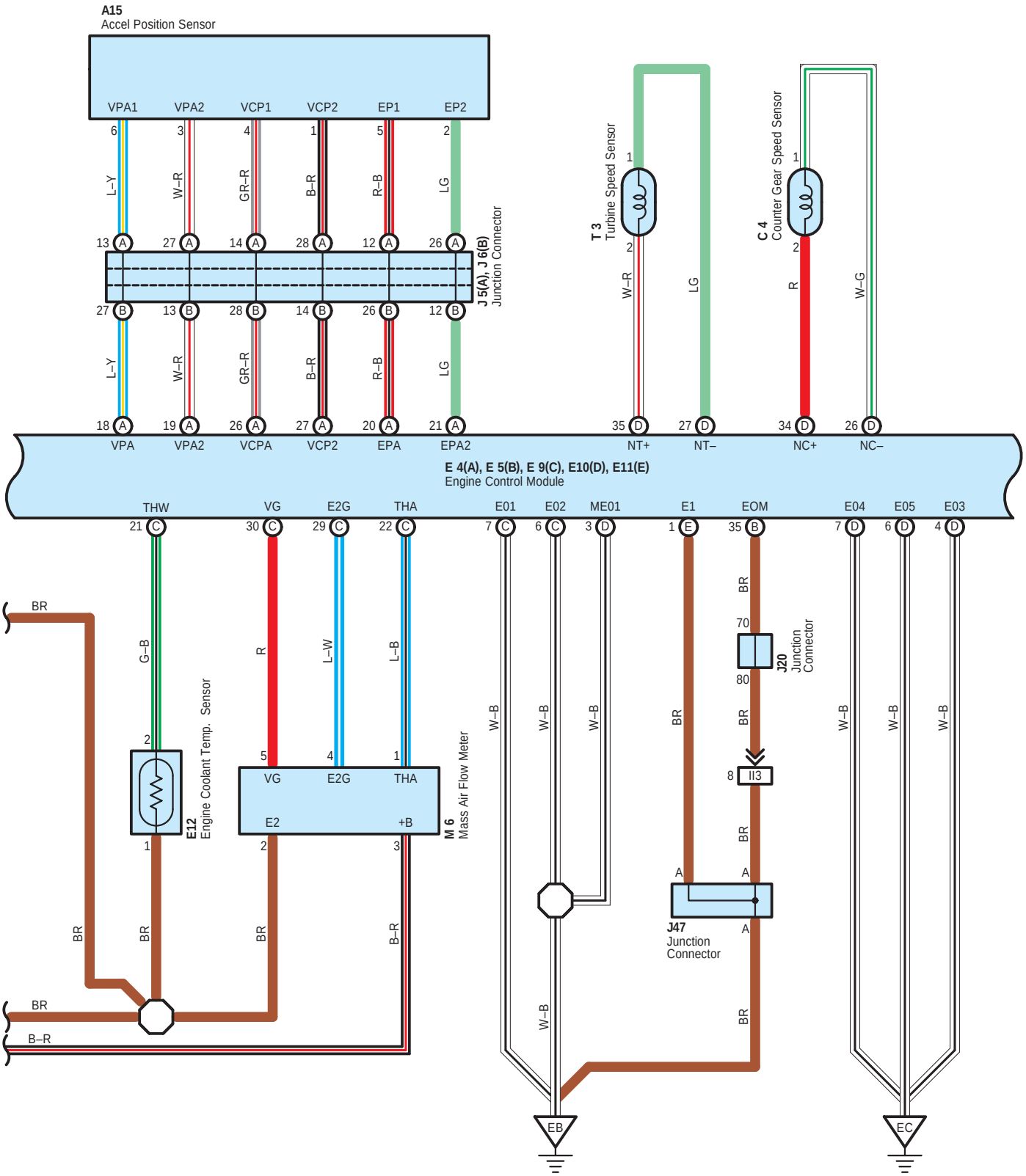
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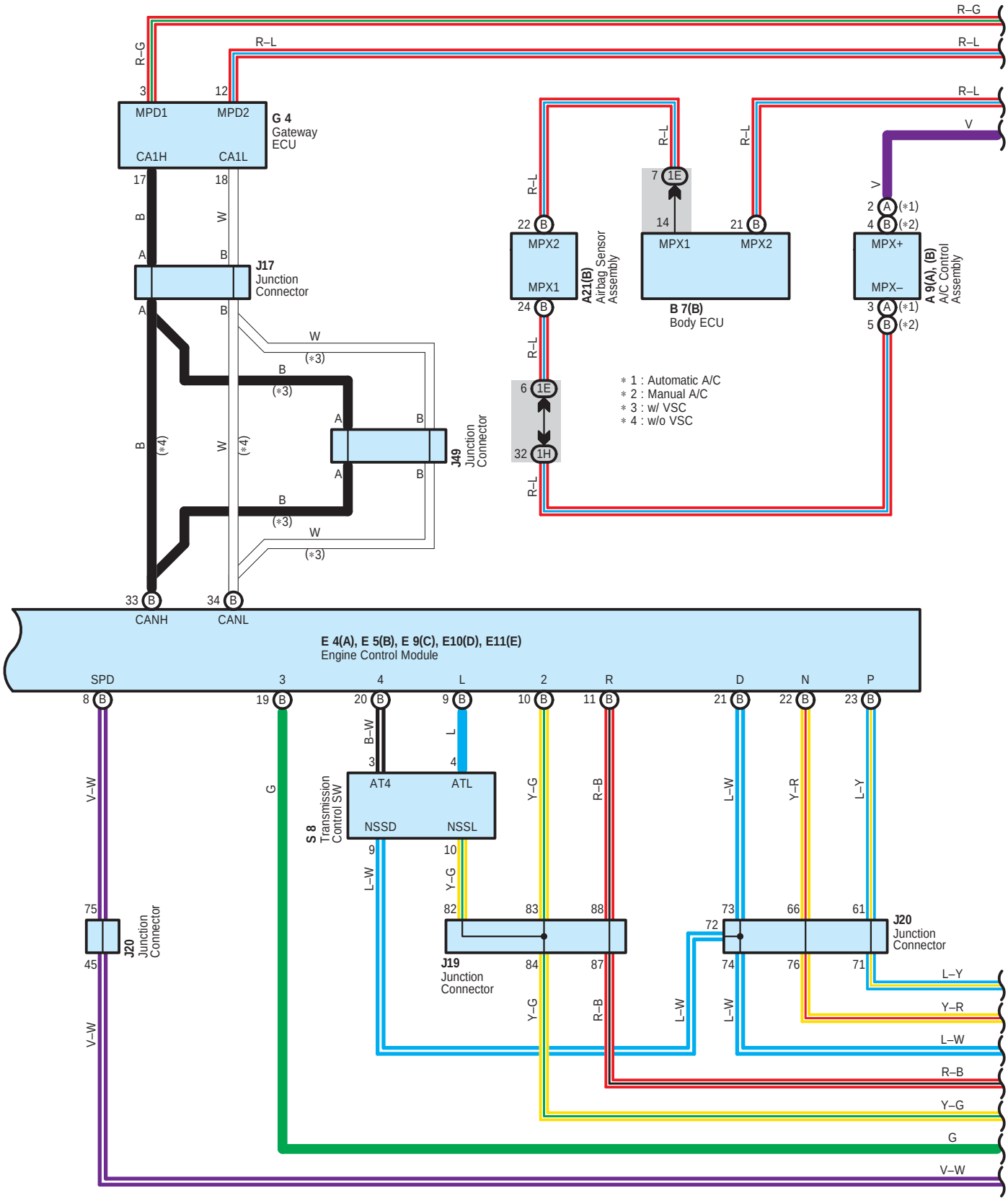
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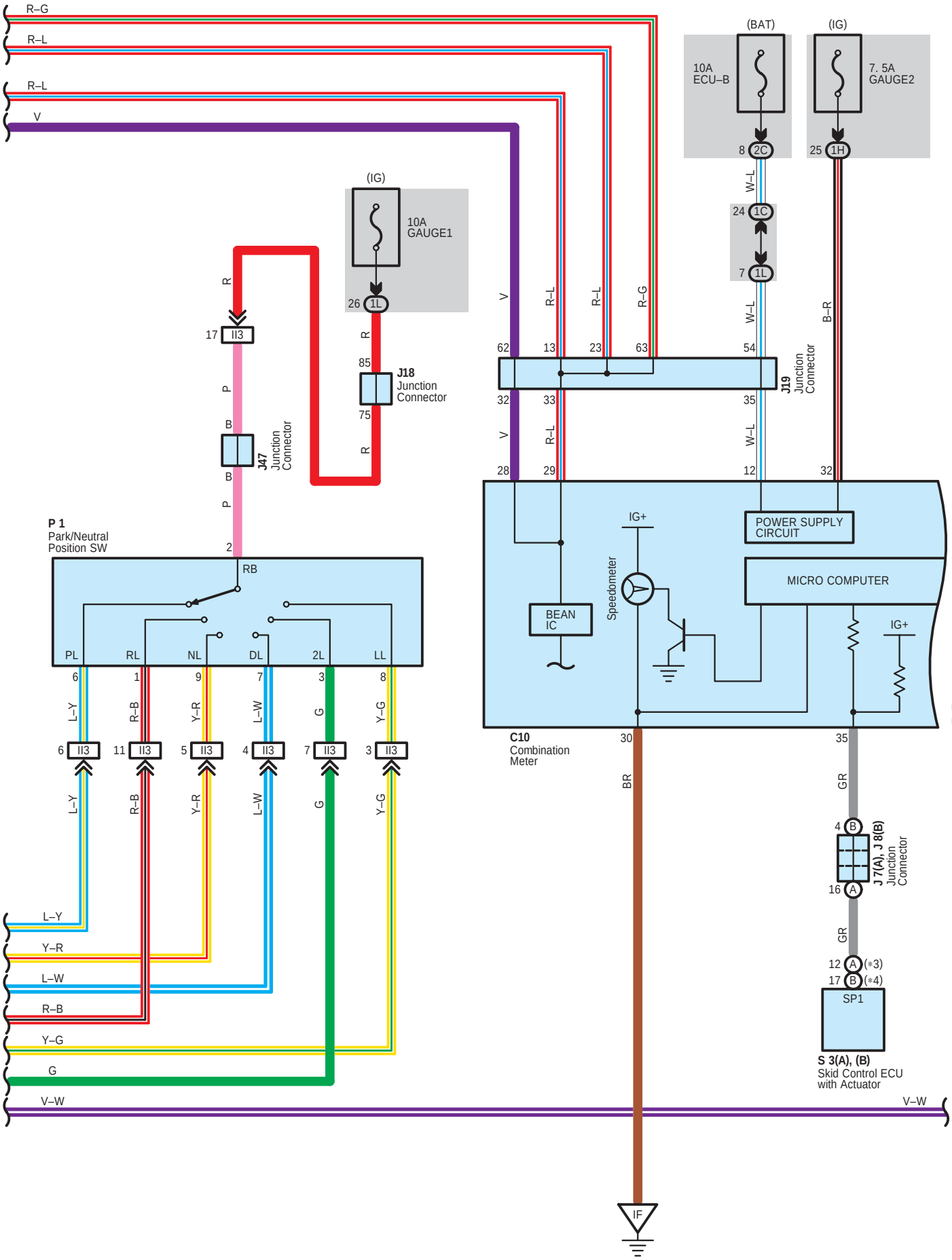


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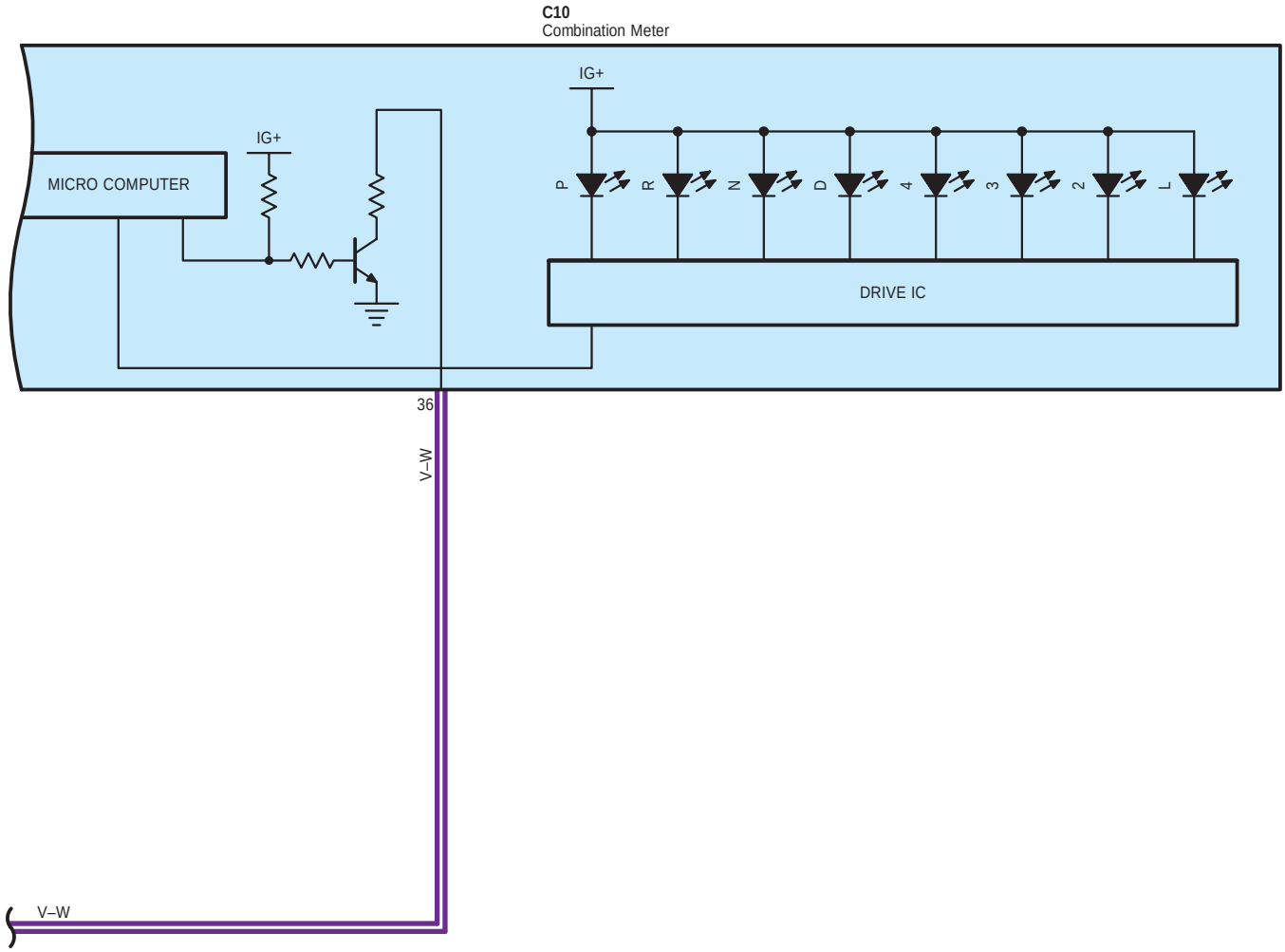
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ECT and A/T Indicator



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* 3 : w/ VSC
* 4 : w/o VSC



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ECT and A/T Indicator

System Outline

Previous automatic transaxle have selected each gear shift using mechanically controlled throttle hydraulic pressure, governor hydraulic pressure and lock–up hydraulic pressure. The electronically controlled transmission, however, electrically controls the line pressure, throttle pressure, lock–up pressure and accumulator pressure etc. through the solenoid valve. The electronically controlled transmission is a system which precisely controls gear shift timing and lock–up timing in response to the vehicle's driving conditions and the engine condition detected by various sensors. It makes smooth driving possible by shift selection for each gear which is the most appropriate to the driving conditions at that time, and by preventing downing, squat and gear shift shock when starting off.

1. Gear Shift Operation

When driving, the engine warm up condition is input as a signal to TERMINAL THW of the engine control module from the engine coolant temp. sensor and the vehicle speed signal is input to TERMINAL SPD of the engine control module. At the same time, the throttle valve opening signal from the throttle position sensor is input to TERMINALS VTA1 and VTA2 of the engine control module as throttle angle signal.
Based on these signals, the engine control module selects the best shift position for the driving conditions and sends current to the electronically controlled transmission solenoid.

2. Lock–Up Operation

When each signal makes engine control module recognize that LOCK–UP condition is satisfied, the current flows from engine control module TERMINAL DSL to electronically controlled transmission solenoid TERMINAL 10. At the same time, the current flows engine control module TERMINAL SL1+ to electronically controlled transmission solenoid TERMINAL 6 and from TERMINAL 13 to engine control module TERMINAL SL1–. This works LOCK–UP solenoid to perform LOCK–UP operation.

3. Stop Light SW Circuit

If the brake pedal is depressed (Stop light SW on) when driving in lock–up condition, a signal is input to TERMINAL STP of the engine control module. The engine control module operates and cuts the current to the solenoid to release lock–up.

: Parts Location

Code	See Page	Code	See Page	Code	See Page
A9 A	38	E12	36	J21	40
A9 B	38	F16	39	J47	40
A15	38	G4	39	J48	40
A21 B	38	J2	37	J49	40
B7 B	38	J3 A	40	M6	37
C4	36	J4 B	40	P1	37
C10	39	J5 A	40	S3 A	37
D1	39	J6 B	40	S3 B	37
D16	39	J7 A	40	S8	41
E1	36	J8 B	40	S12	41
E4 A	39	J15	40	S34 A	41
E5 B	39	J17	40	S35 B	41
E9 C	39	J18	40	T2	37
E10 D	39	J19	40	T3	37
E11 E	39	J20	40		

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1E	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1H	30	
1K	31	
1L		
2A	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2C		
2F		
2H		

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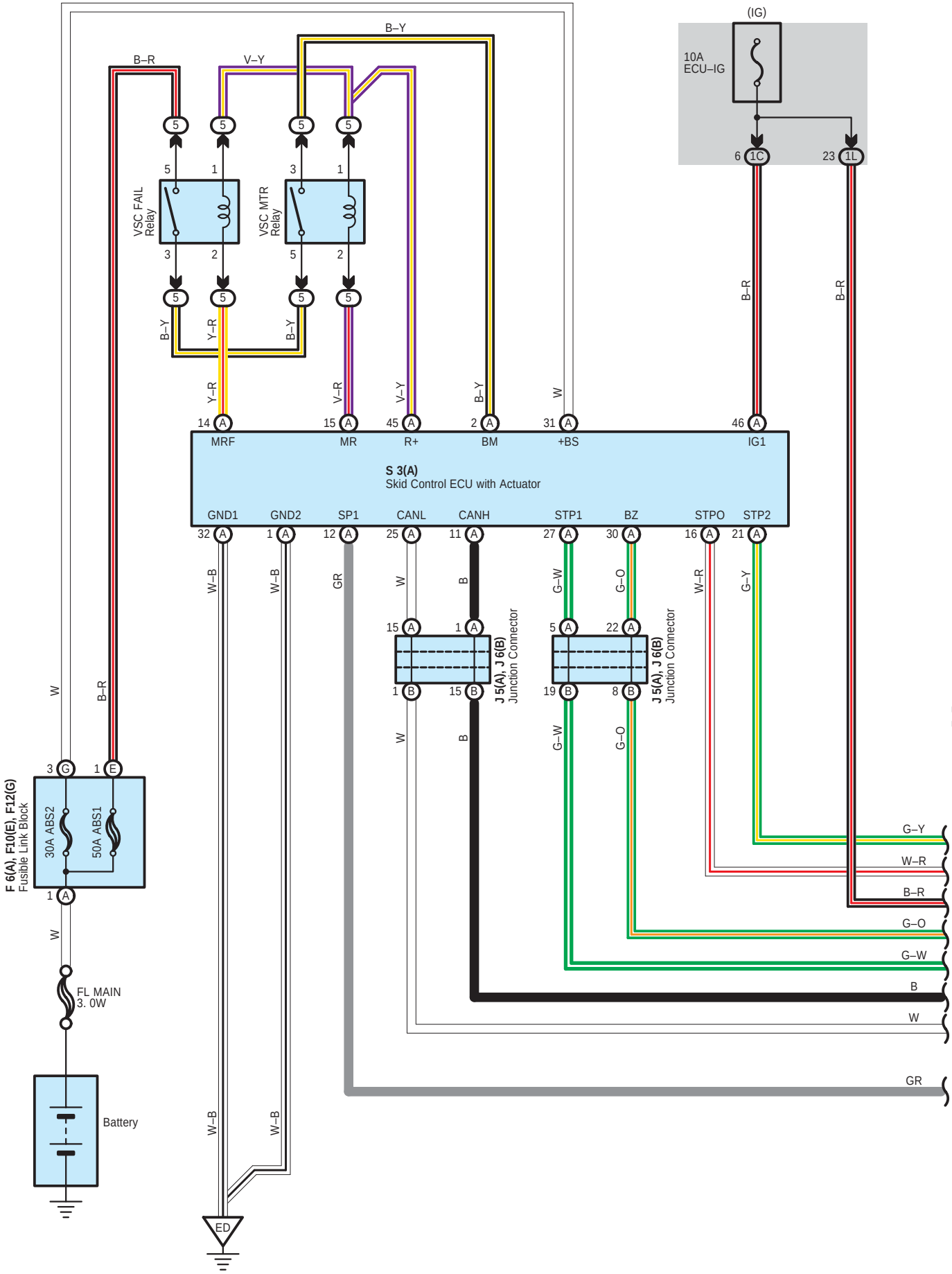
: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
II2	53	Engine Wire and Instrument Panel Wire (Right Kick Panel)
II3		
IJ1	53	Engine Wire and Engine Room Main Wire (Right Kick Panel)

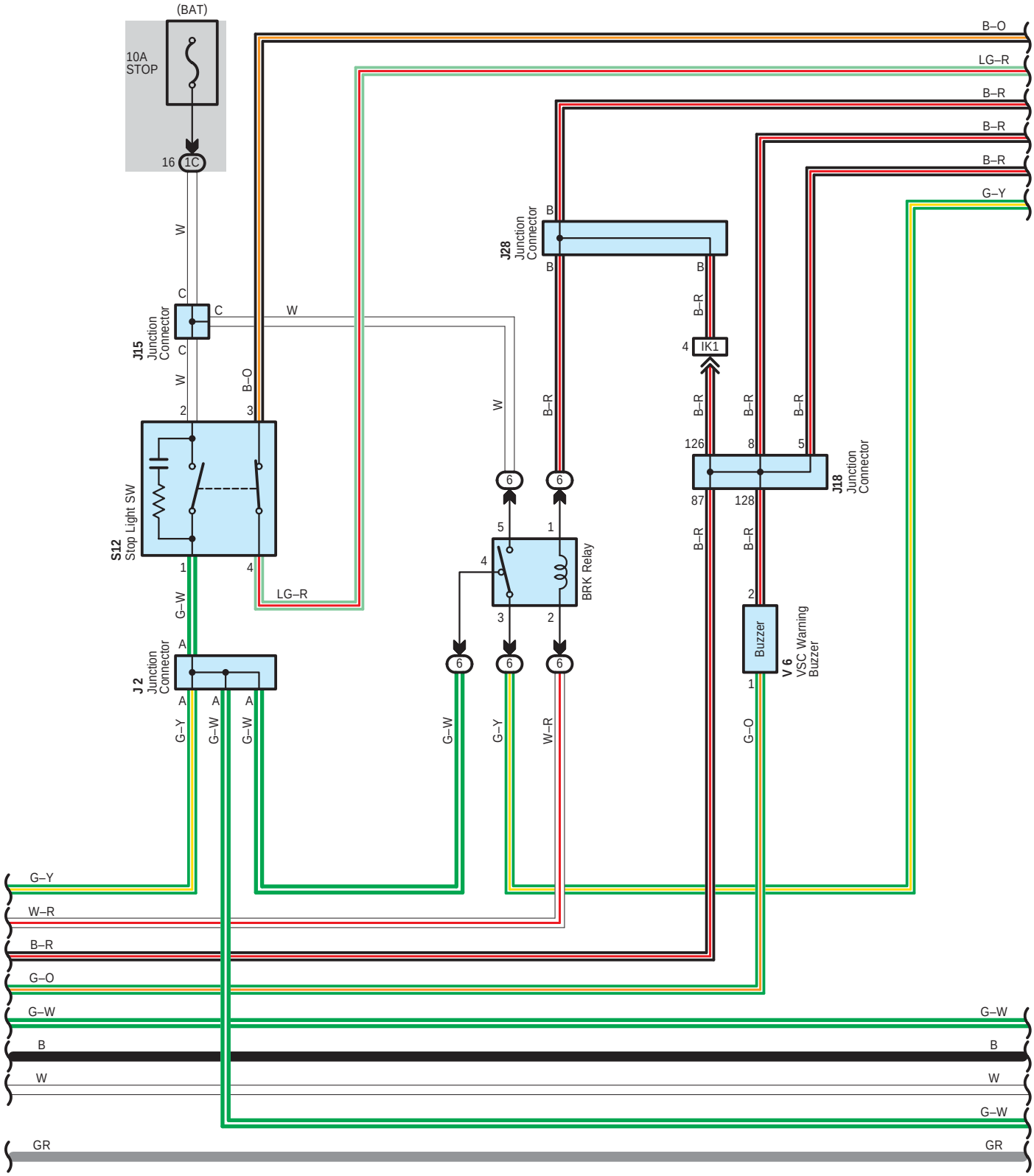
: Ground Points

Code	See Page	Ground Points Location
EB	50	Rear Bank of Right Cylinder Head
EC	50	Rear Bank of Left Cylinder Head
ED	50	Front Side of the Left Fender Apron
IF	52	Instrument Panel Brace LH

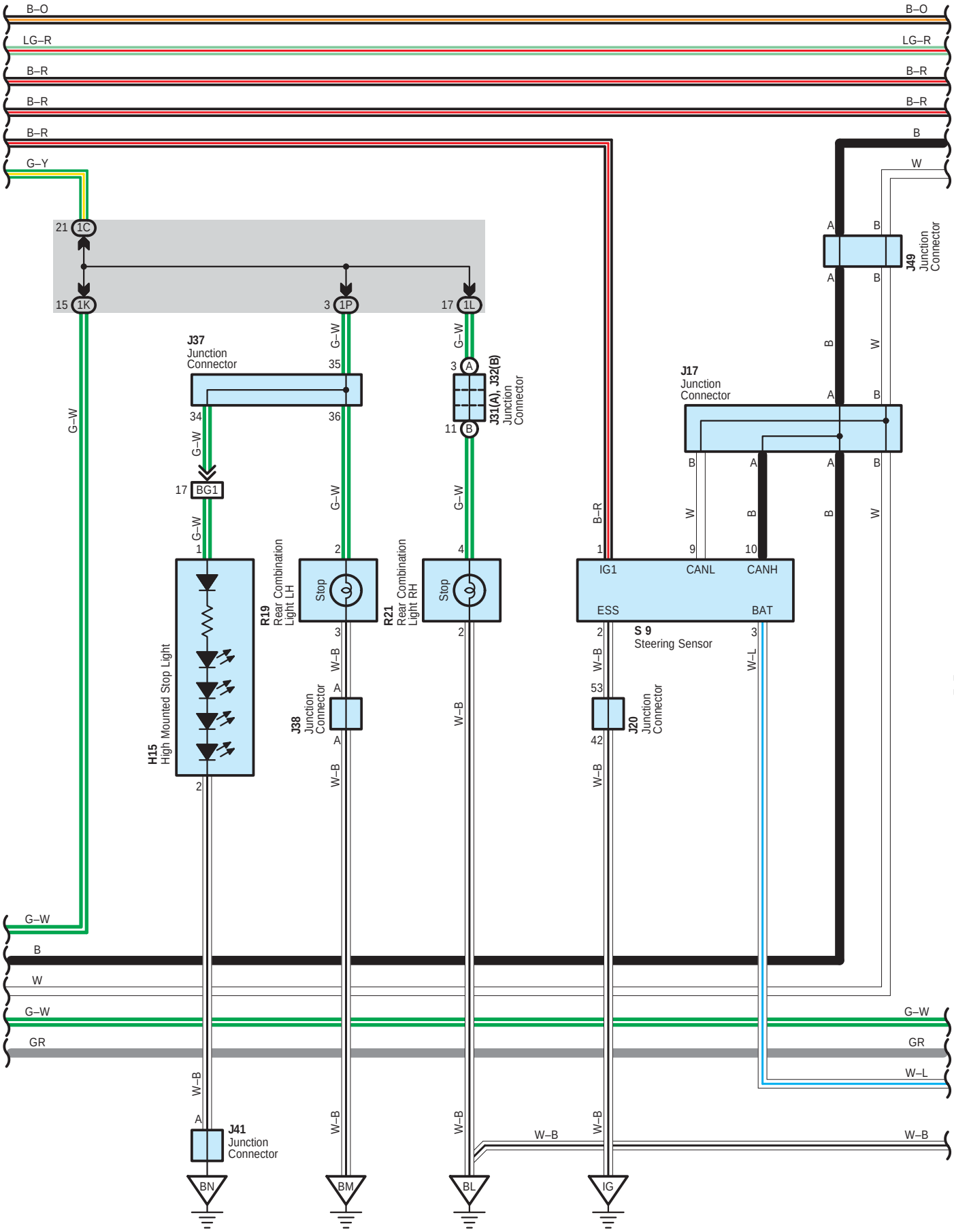
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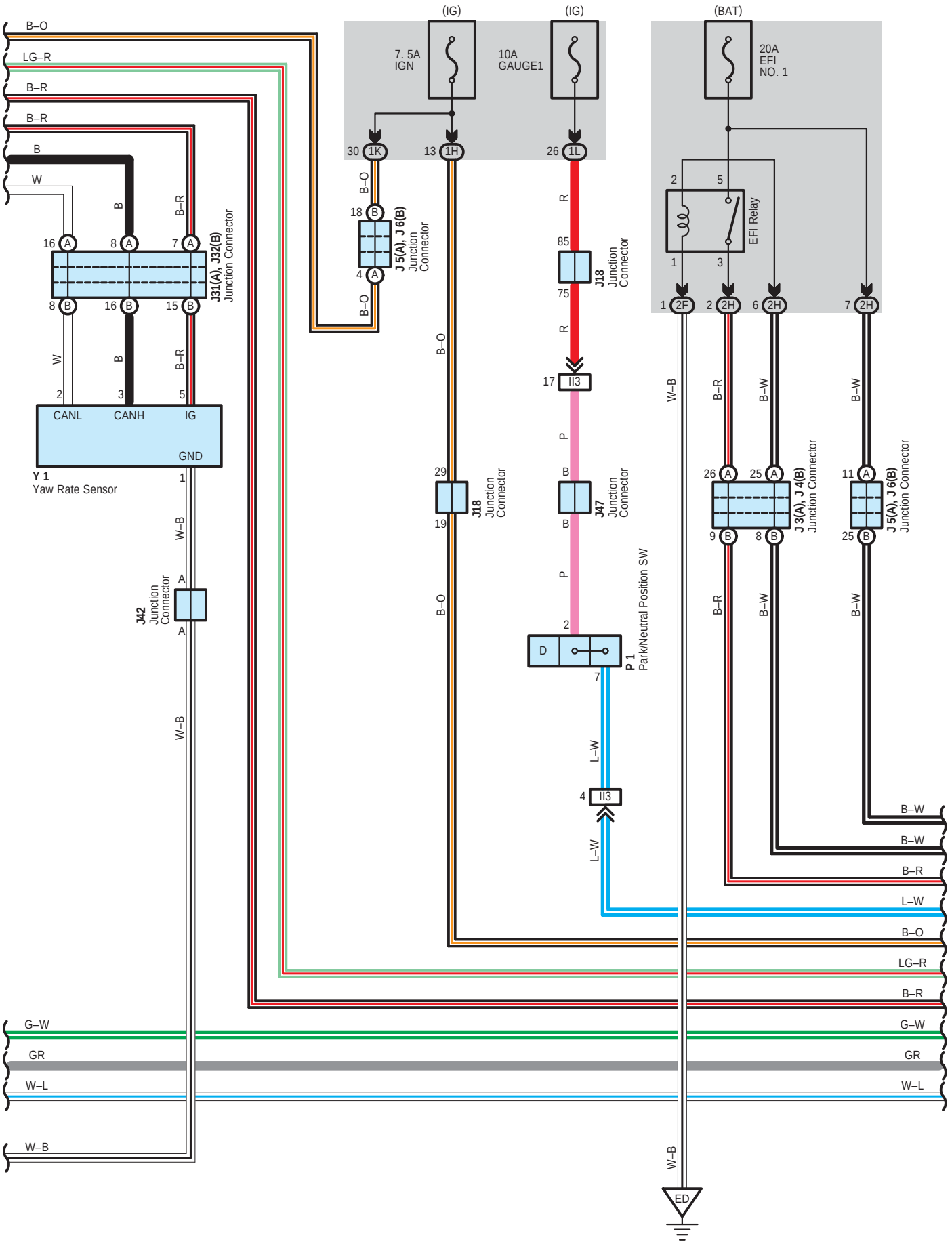
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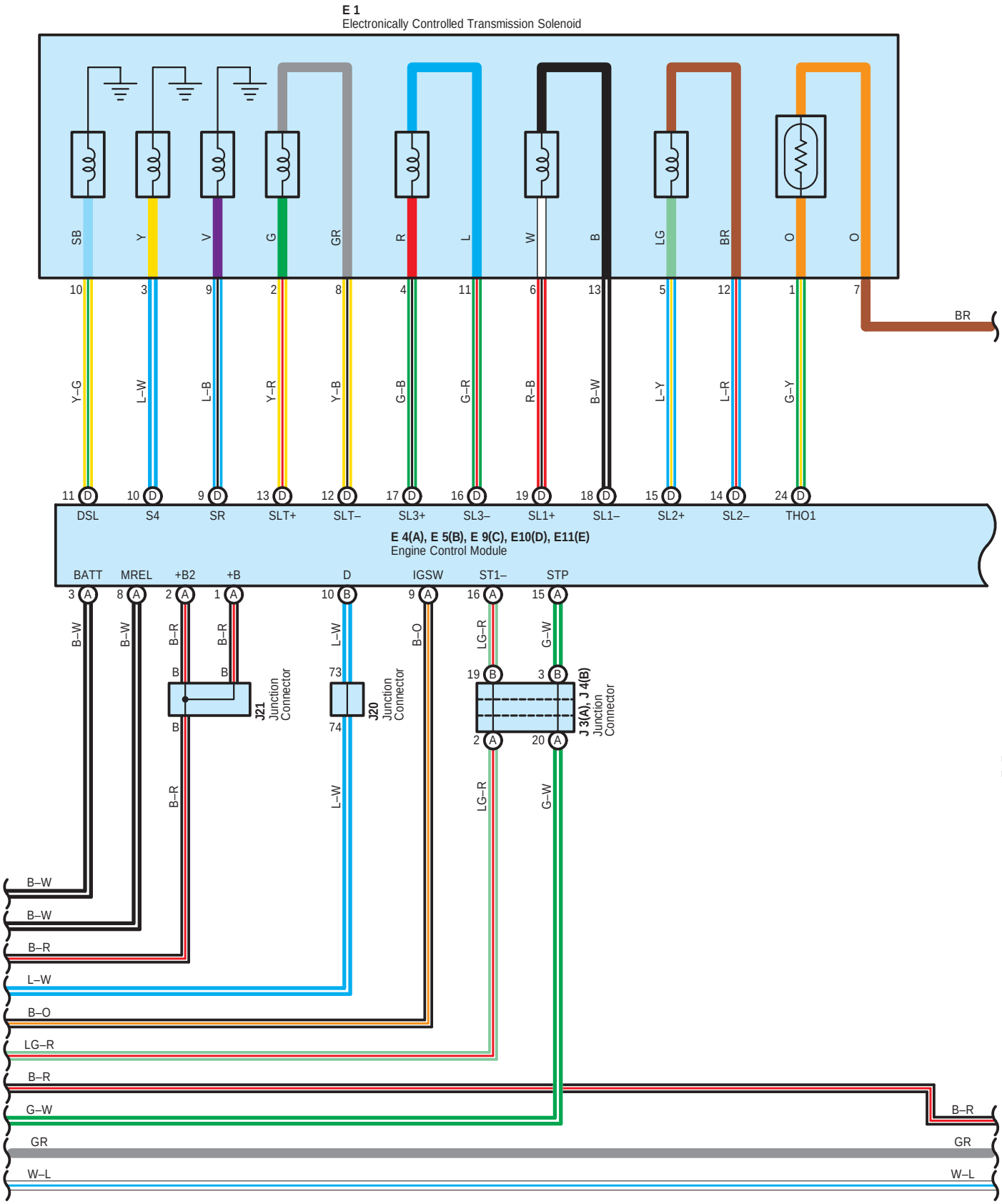
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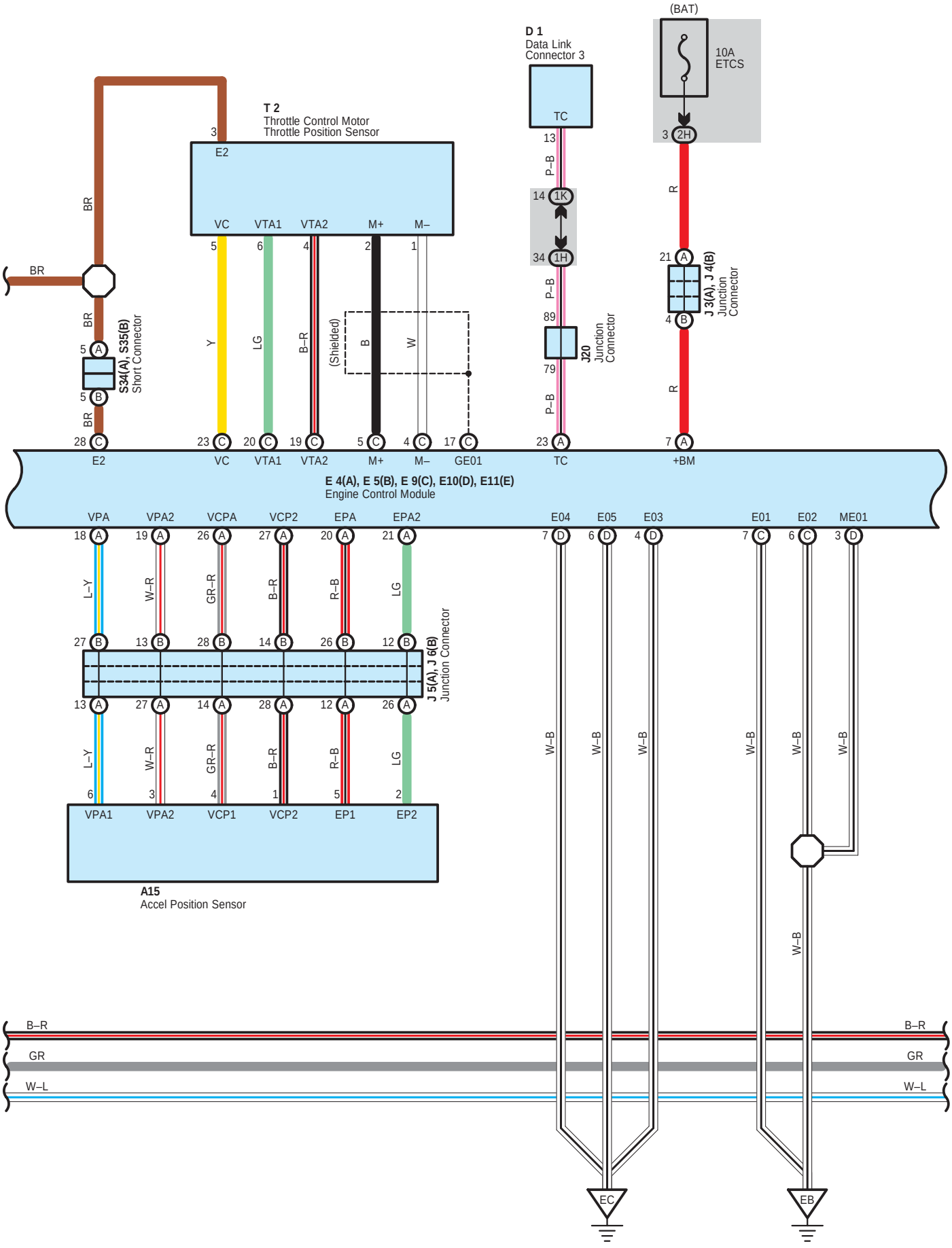
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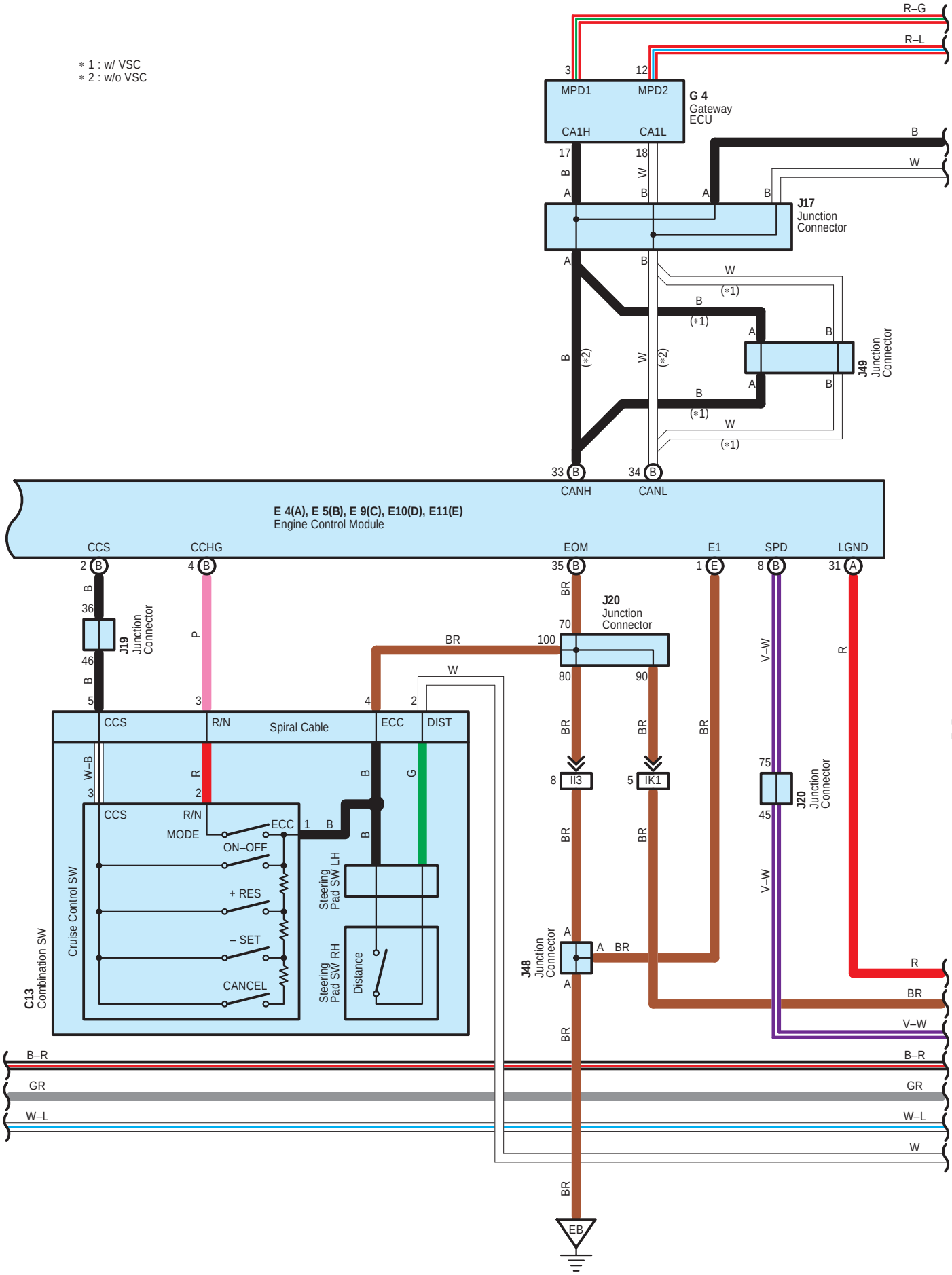
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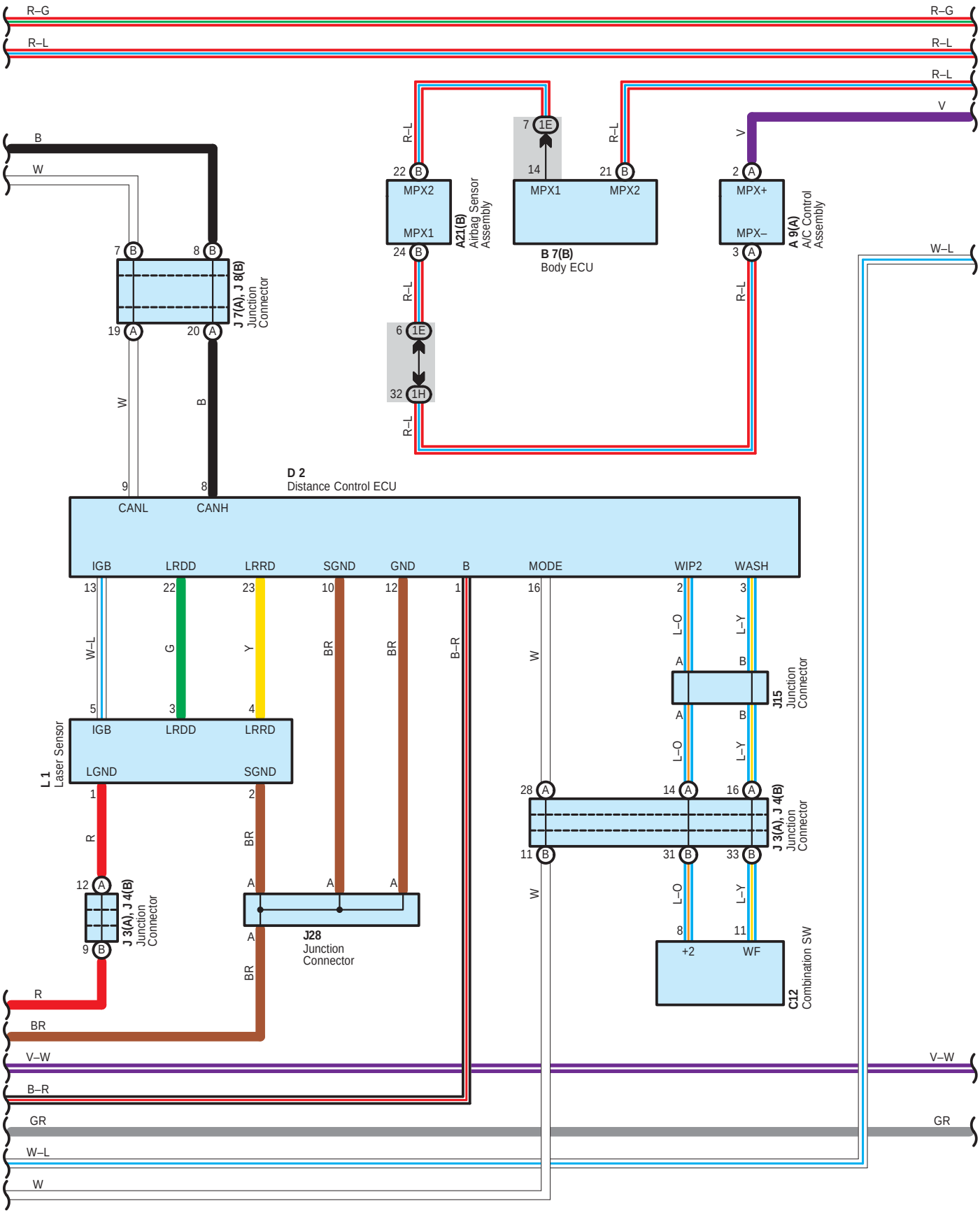
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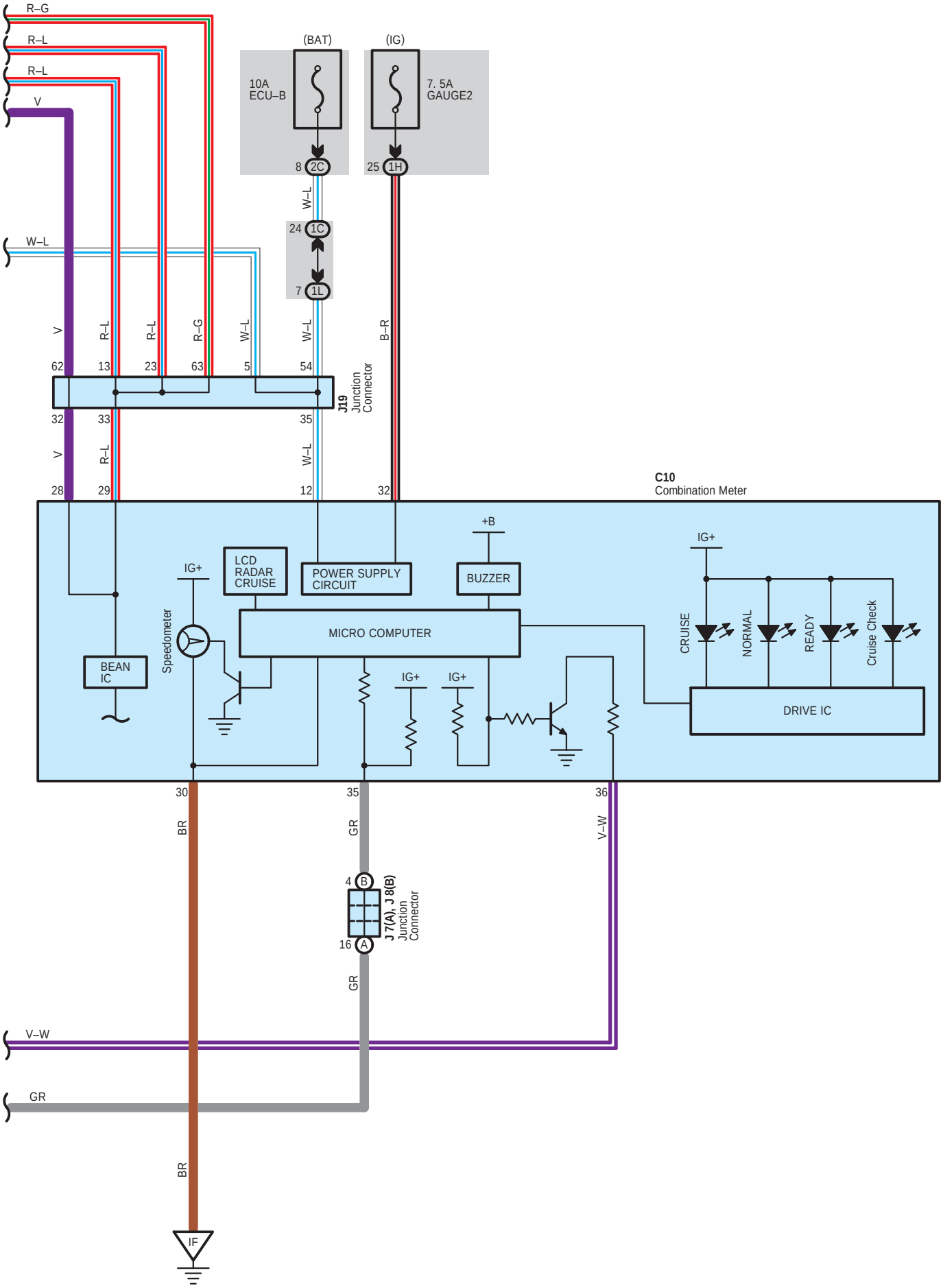
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System Outline

The dynamic laser cruise control system allows the vehicle to travel at a constant speed. Also according to the signals from the laser sensor and steering sensor, the system controls the vehicle to travel maintaining a certain following distance in proportion to the speed of the vehicle ahead.

1. Setting

<In vehicle–to–vehicle distance control mode>

During driving under the ON–OFF SW ON condition (The cruise indicator is lit), when the – SET SW is operated at the vehicle speed higher than the lower limit vehicle speed for setting, the vehicle speed at the time the SW is turned OFF is set as a set speed and the control starts. However, when the SW is operated at the speed higher than the higher limit vehicle speed for setting, the higher limit vehicle speed is set as a set speed and the control starts.

<In constant speed control mode>

During driving under the ON–OFF SW ON condition (The cruise indicator is lit), when the – SET SW is operated at a vehicle speed between the lower limit vehicle speed for setting and the high speed limit, the vehicle speed at the time the SW is turned OFF is set as a set speed and the control starts.

2. Changing Method of the Set Speed

<In vehicle–to–vehicle distance control mode>

(1) How to lower the set speed

* During driving under cruise control, when the – SET SW is momentarily operated (For approximately 0.6 seconds), the set speed decreases in increments of 5 km/h per SW operation.
  When the – SET SW is kept ON, the set speed decreases continuously in increments of 5 km/h until the SW is turned off.
  However, if the set speed reaches the lower limit vehicle speed for setting, the set speed cannot be decreased any further.
  When the set speed is changed, the vehicle decelerates to that speed (In some cases, the vehicle may accelerate).
* If the – SET SW is turned from ON to OFF when the vehicle speed exceeds the higher limit vehicle speed for setting while the vehicle runs down a slope, the higher limit vehicle speed is stored in the memory as the set speed to control.

(2) How to raise the set speed

* During driving under cruse control, when the + RES SW is momentarily operated (Approximately for 0.6 seconds), the set speed increases in increments of 5 km/h per SW operation.
  When the SW is kept ON, the set speed increases continuously in increments of 5 km/h until the SW is turned off.
  However, if the set speed reaches the higher limit vehicle speed for setting, the set speed cannot be increased any further.
  When the set speed is changed, the vehicle accelerates to that speed (In some cases, the vehicle may decelerate).

NOTE:

The vehicle speed at the time the – SET SW was turned OFF is not reset if the – SET SW is turned ON when the vehicle is accelerated by depressing the accelerator pedal. In such cases, the set speed decreases by 5 km/h as described above.

<In constant speed control mode>

(1) Deceleration

* During driving under cruise control, turning ON the – SET SW decelerates the vehicle while the SW is ON. The vehicle speed is controlled using the vehicle speed at the time the SW is turned OFF as a set speed.
  If the – SET SW is turned from ON to OFF when the vehicle speed exceeds the high speed limit while the vehicle runs down a slope, the vehicle is controlled with the high speed limit as a set speed.
* When the – SET SW is momentarily operated (For approximately 0.6 seconds), the set speed decreases in increments of 1.6 km/h per SW operation. However, if the SW is operated when the set speed differs from the actual vehicle speed by 5 km/h or more, the vehicle is controlled using the vehicle speed at the time the SW is turned OFF as a set speed.

(2) Acceleration

* During driving under cruise control, turning ON the + RES SW accelerates the vehicle while the SW is ON. The vehicle speed is controlled using the vehicle speed at the time the SW is turned OFF as a set speed.
  When the vehicle speed exceeds the high speed limit during the + RES SW operation, the vehicle is controlled with the high speed limit until the SW operation is finished. After the SW operation, the vehicle is controlled with the high speed limit as a set speed.
* When the + RES SW is momentarily operated (For approximately 0.6 seconds), the set speed increases in increments of 1.6 km/h per SW operation. However, if the SW is operated when the set speed differs from the actual vehicle speed by 5 km/h or more, the set speed is not changed.
* The vehicle speed at the time the – SET SW was turned OFF is reset when the vehicle is accelerated by depressing the accelerator pedal and the – SET SW is turned ON. However, when the SW is operated at the speed higher than the high limit speed, the SW operation is not effective.

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3. The Lower Limit Vehicle Speed for Setting

* It means the lower limit speed in the settable range and is set at approximately 45 km/h. It is discriminated from the low limit speed.
* A set speed is not stored in the memory when the vehicle runs at the lower limit vehicle speed for setting or slower.

4. The Low Speed Limit

It means the lower limit speed in the controllable range and is set at 40 km/h. When the vehicle speed decreases below 40 km/h while the vehicle runs under cruise control, cruise control is automatically canceled.
Vehicle–to–vehicle distance control mode and constant speed control mode store the set speed in the memory at this time.

5. The Higher Limit Vehicle Speed for Laser Cruise Control Setting

It means the higher limit speed in the radar cruise control settable range and is set at approximately 135 km/h.

6. The High Speed Limit (Only in Constant Speed Control Mode)

It means the higher limit speed in constant speed control mode under cruise control and is set at approximately 200 km/h.

7. Resume

* If cruise control is canceled at the vehicle speed higher than the low speed limit, turning ON the + RES SW accelerates the vehicle to the set speed at the time cruise control is canceled.
* Under the follow–up control, when the driver or vehicle ahead changes lanes and the road ahead is clear, the vehicle accelerates automatically and gradually to a set speed. When the + RES SW is turned ON at this time, the vehicle speed can increase promptly (Only in vehicle–to–vehicle distance control mode).

8. Shift–Down Control

When the vehicle climbs a hill while running under cruise control, the gear may be shifted down by the A/T control. When the hill climb is judged to have finished, based on the throttle opening information, the gear is shifted up after a set time.

9. Cancel

Cruise control is canceled if the following signals are input under cruise control (Set speed is not erased).

(1) Stop lamp SW ON (Brake pedal depressed)
(2) D position circuit in park/neutral position SW from ON to OFF
  * Gear is shifted from D or 4 position to other positions than D or 4.
(3) CANCEL SW of CONTROL SW ON
(4) ON–OFF SW OFF (Set speed erased)
(5) During VSC operation

○ : **Parts Location**

Code	See Page	Code	See Page	Code	See Page
A9 A	38	H15	42	J41	43
A15	38	J2	37	J42	43
A21 B	38	J3 A	40	J47	40
B7 B	38	J4 B	40	J48	40
C10	39	J5 A	40	J49	40
C12	39	J6 B	40	L1	37
C13	39	J7 A	40	P1	37
D1	39	J8 B	40	R19	45
D2	39	J15	40	R21	45
E1	36	J17	40	S3 A	37
E4 A	39	J18	40	S9	41
E5 B	39	J19	40	S12	41
E9 C	39	J20	40	S34 A	41
E10 D	39	J21	40	S35 B	41
E11 E	39	J28	40	T2	37
F6 A	36	J31 A	40	V6	41
F10 E	36	J32 B	40	Y1	45
F12 G	36	J37	43		
G4	39	J38	43		

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: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
5	27	R/B No.5 (Engine Compartment Left)
6	28	R/B No.6 (Engine Compartment Left)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1E	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1H	30	
1K	31	
1L		
1P	31	Floor No.1 Wire and Driver Side J/B (Lower Finish Panel)
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2F		
2H		

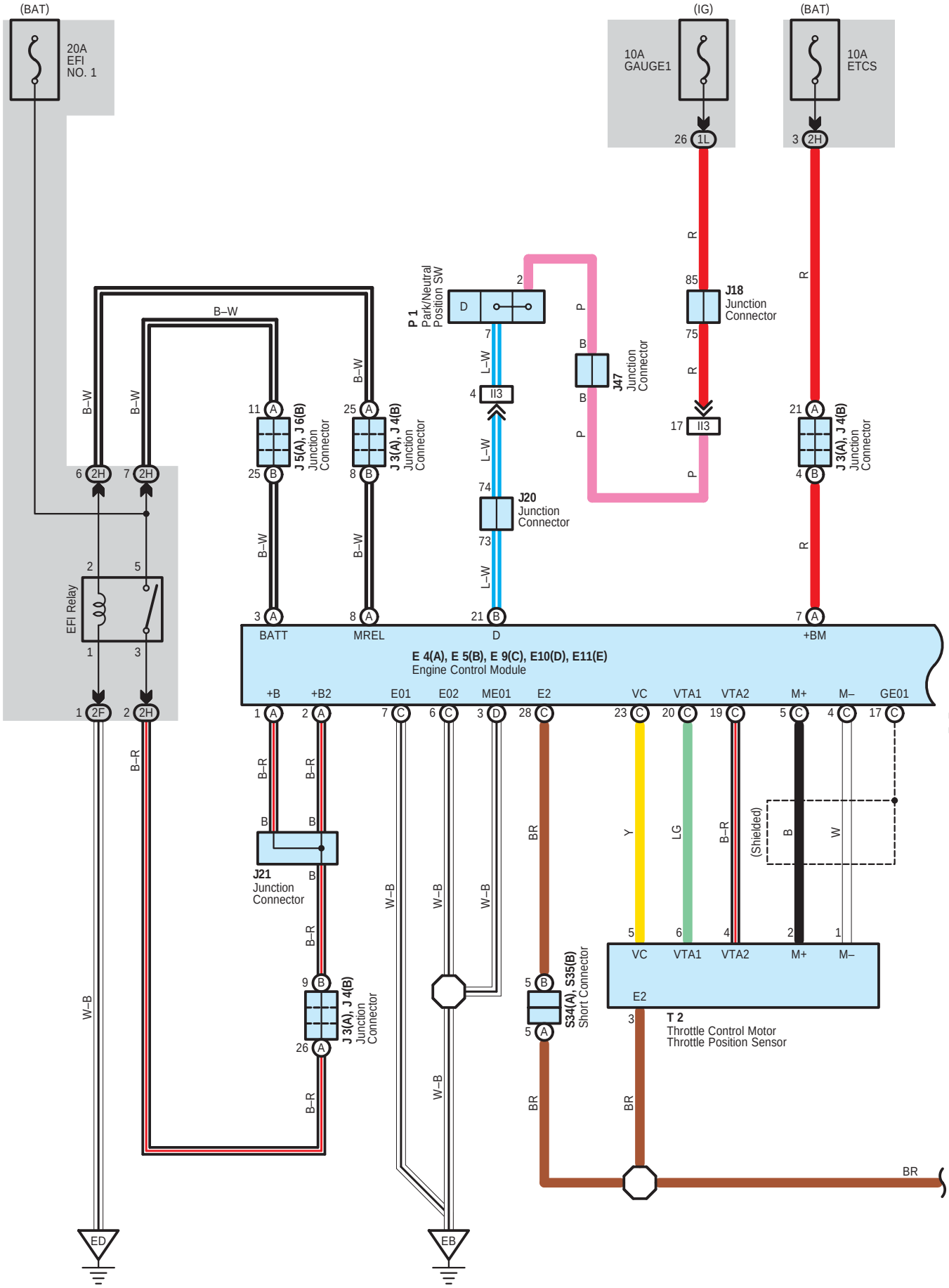
: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
II3	53	Engine Wire and Instrument Panel Wire (Right Kick Panel)
IK1	53	Engine Room Main Wire and Instrument Panel Wire (Right Kick Panel)
BG1	55	Back Door No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)

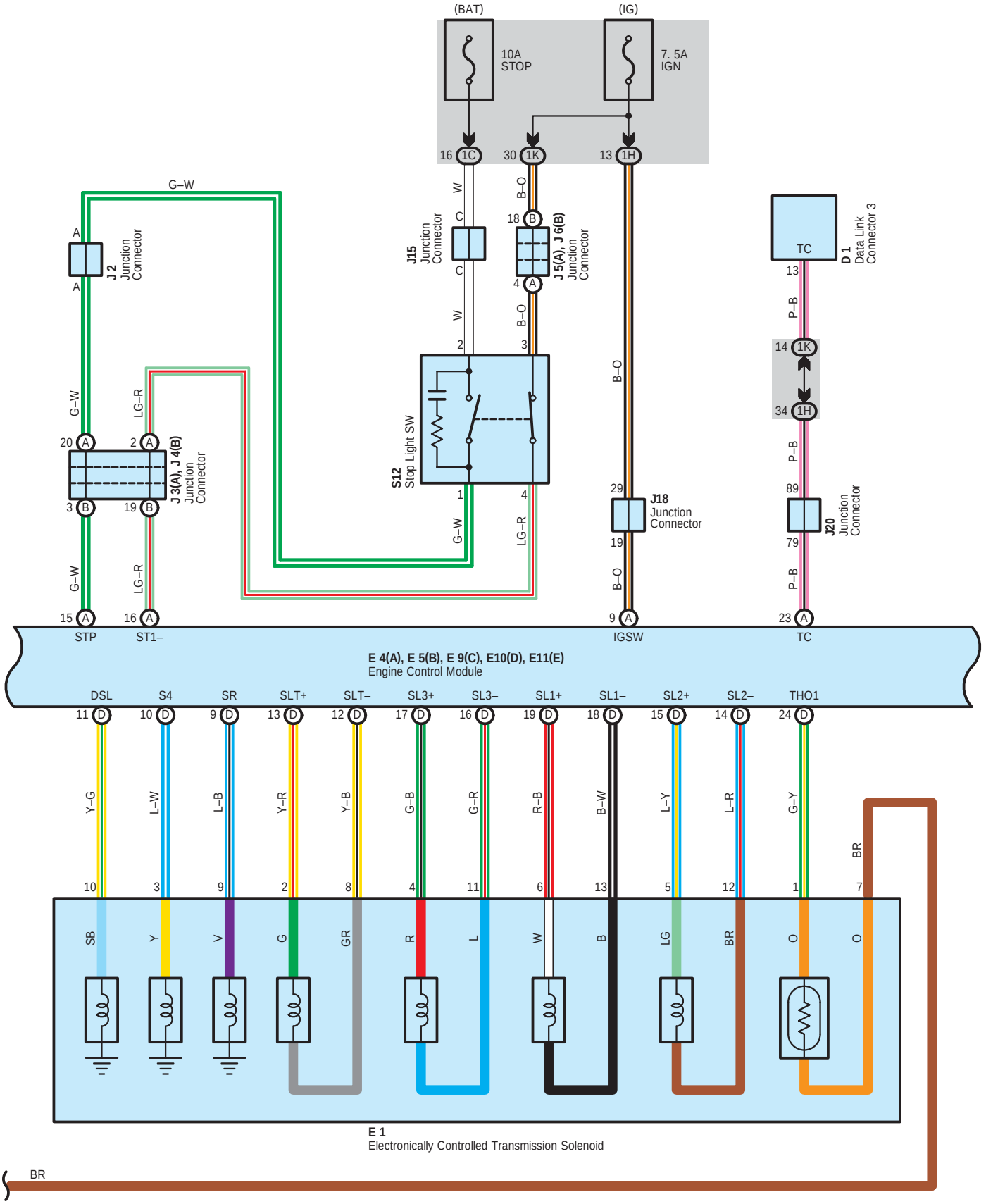
: Ground Points

Code	See Page	Ground Points Location
EB	50	Rear Bank of Right Cylinder Head
EC	50	Rear Bank of Left Cylinder Head
ED	50	Front Side of the Left Fender Apron
IF	52	Instrument Panel Brace LH
IG	52	Right Kick Panel
BL	54	Right Rear Quarter Panel
BM	54	Left Rear Quarter Panel
BN	54	Left Side of the Back Door

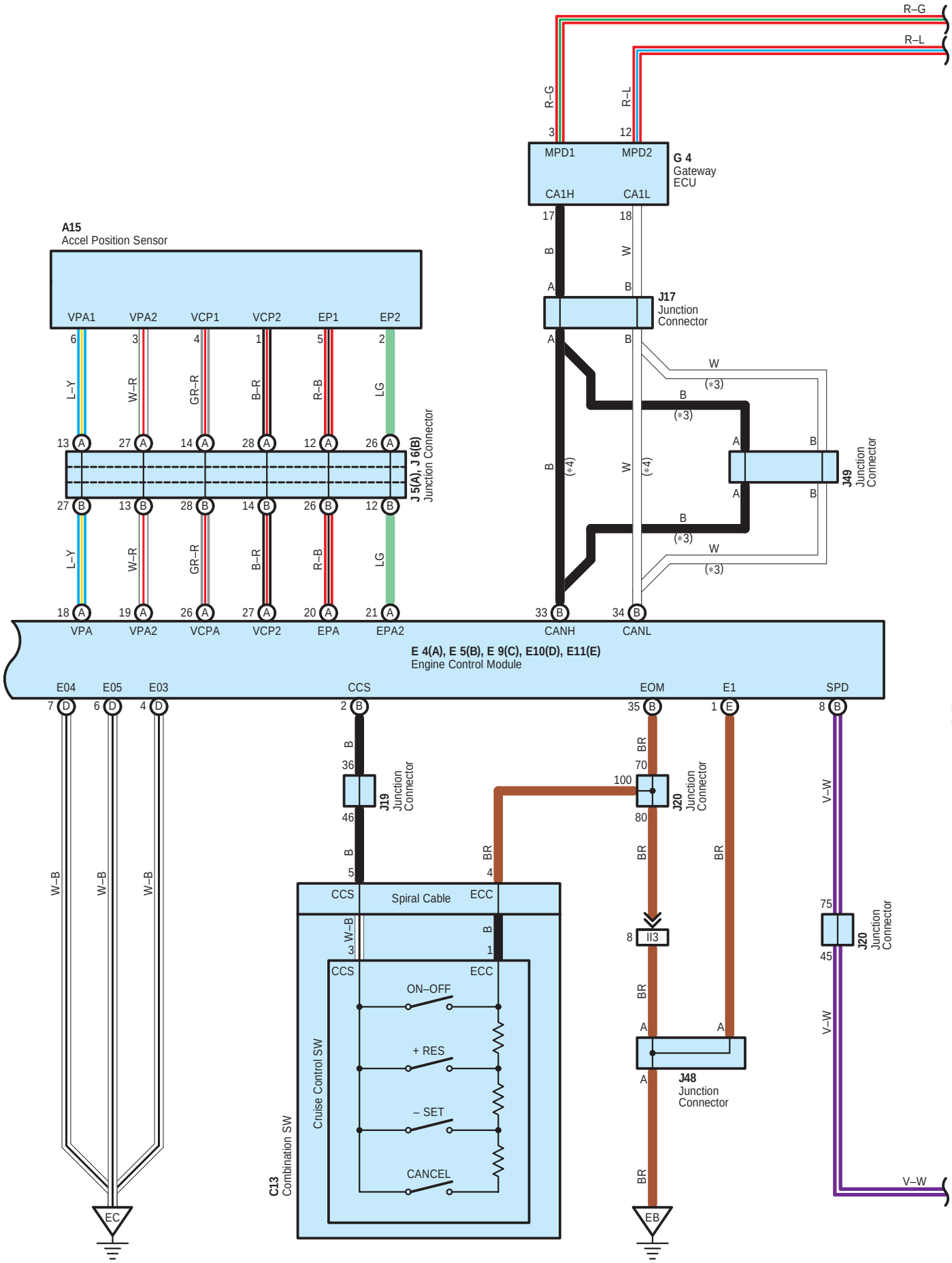
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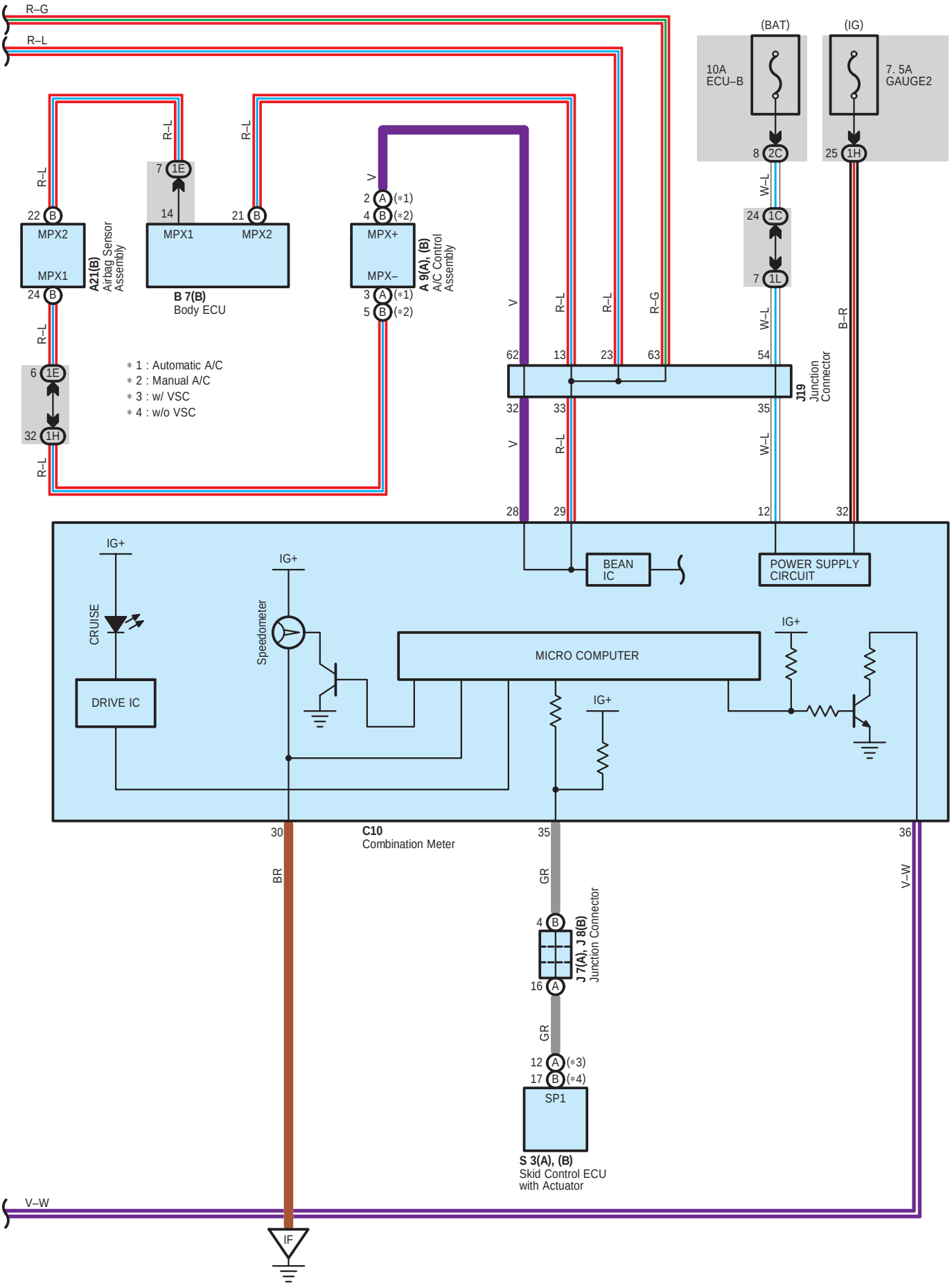
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System Outline

The cruise control system is a constant vehicle speed controller which controls the opening angle of the engine throttle valve by the SW, and allows driving at a constant speed without depressing the accelerator pedal.

Set Operation

When the ON–OFF SW is turned on, the systems starts preparations for cruise control and turns on the indicator light in the combination meter.

Set Speed Control

When the – SET SW is operated with the ON–OFF SW turned on during driving, the speed is controlled at a constant speed.

Coast Control

When the – SET SW is kept turned on during cruise control driving, the engine control module controls the throttle valve to decelerate the vehicle speed.
Every time the – SET SW is turned on instantaneously, the vehicle speed is decelerated approx. 1.6 km/h.

Accel Control

When the + RES SW is kept turned on during cruise control driving, the engine control module controls the throttle valve to accelerate the vehicle speed.
Every time the + RES SW is turned on instantaneously, the vehicle speed is accelerated approx. 1.6 km/h.

Resume Control

If the vehicle speed is within the low speed limit (Approx. 40 km/h, 25 mph) when canceling the cruise control, operation of the + RES SW accelerates the vehicle speed and resumes the level before canceling the cruise control.

Manual Cancel Mechanism

If any of the following signals are input during cruise control driving, the cruise control is canceled.
* The stop light SW is on
* The CANCEL SW is turned on
* The ON–OFF SW is turned off
* Gear is shifted from D or 4 position to other positions than D or 4.

Auto Cancel Function

If any of the following conditions are detected, the cruise control is canceled:
* Failure in the stop light SW wiring
* Abnormality in the vehicle speed signal
* Malfunction in the electronically controlled throttle parts
* When the vehicle speed gets slower than the low speed limit.
* When the vehicle speed falls to 16 km/h less than the set speed.
* During VSC operation.

Shift–Down Control

When the vehicle climbs a hill while running under cruise control, the gear may be shifted down by the A/T control. When the hill climb is judged to have finished, based on the throttle opening information, the gear is shifted up after a set time.

○ : Parts Location

Code		See Page	Code		See Page	Code		See Page
A9	A	38	E11	E	39	J20		40
	B	38	G4		39	J21		40
A15		38	J2		37	J47		40
A21	B	38	J3	A	40	J48		40
B7	B	38	J4	B	40	J49		40
C10		39	J5	A	40	P1		37
C13		39	J6	B	40	S3	A	37
D1		39	J7	A	40		B	37
E1		36	J8	B	40	S12		41
E4	A	39	J15		40	S34	A	41
E5	B	39	J17		40	S35	B	41
E9	C	39	J18		40	T2		37
E10	D	39	J19		40			

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: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1E	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1H	30	
1K	31	
1L		
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2F		
2H		

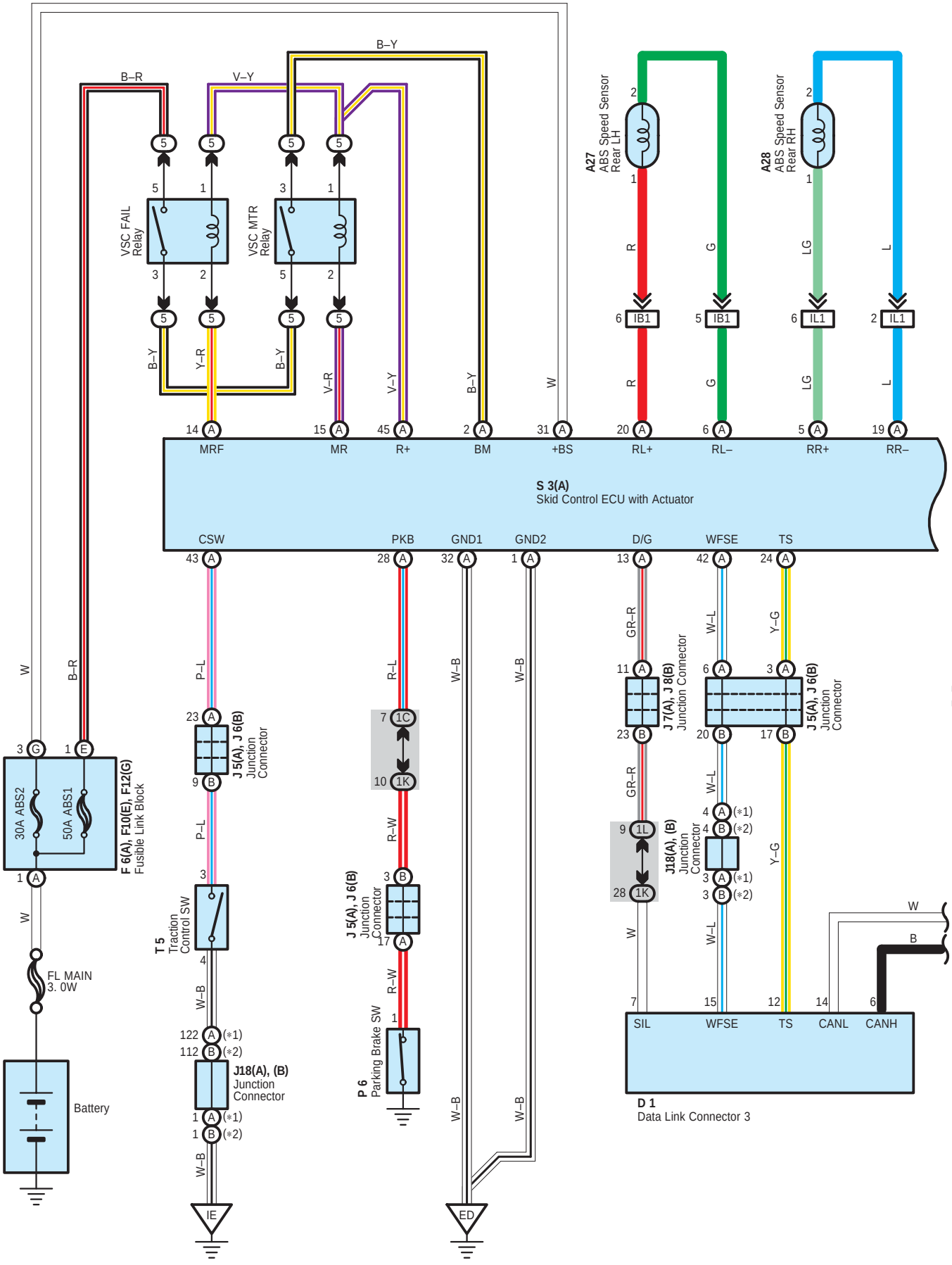
: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
II3	53	Engine Wire and Instrument Panel Wire (Right Kick Panel)

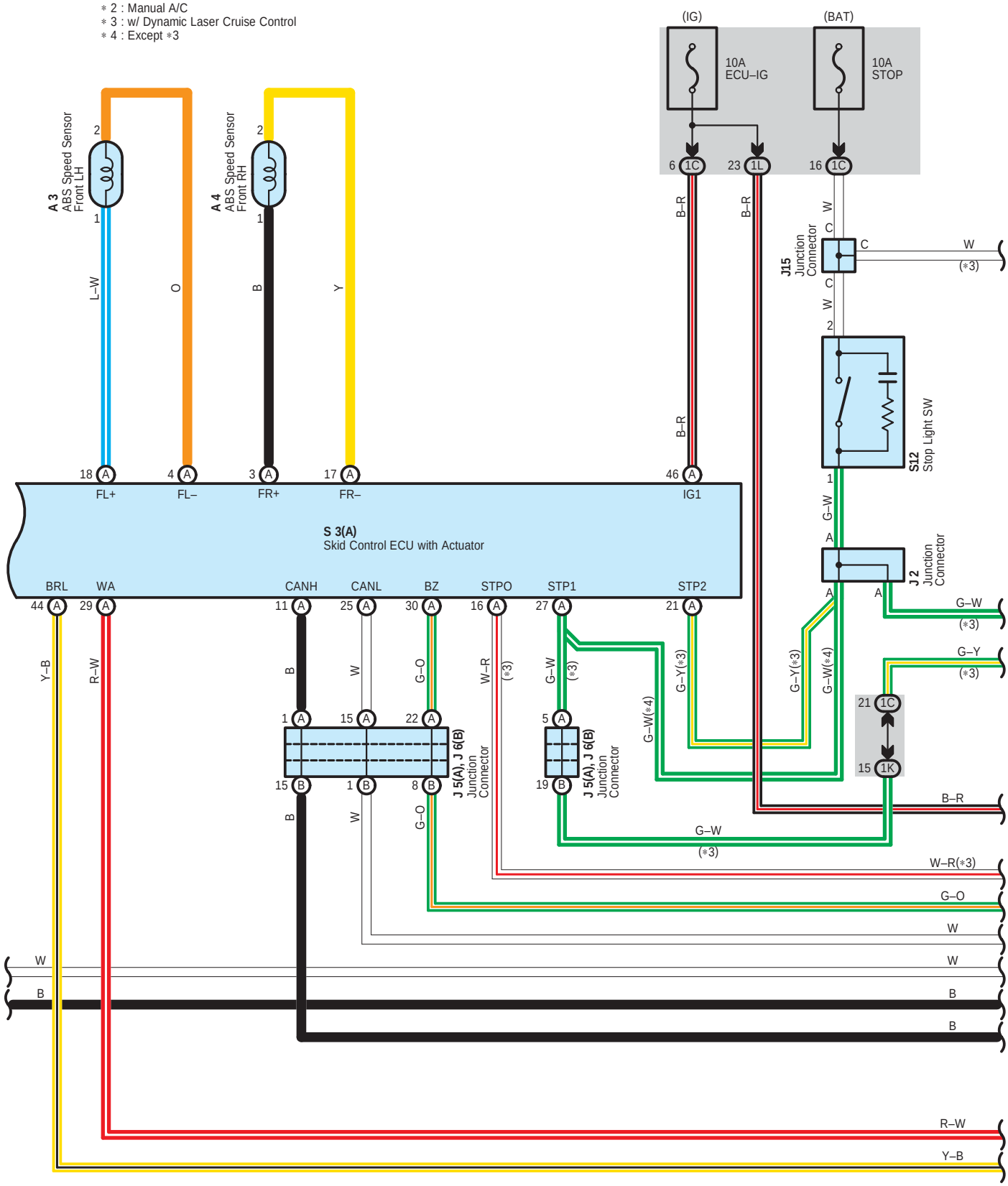
: Ground Points

Code	See Page	Ground Points Location
EB	50	Rear Bank of Right Cylinder Head
EC	50	Rear Bank of Left Cylinder Head
ED	50	Front Side of the Left Fender Apron
IF	52	Instrument Panel Brace LH

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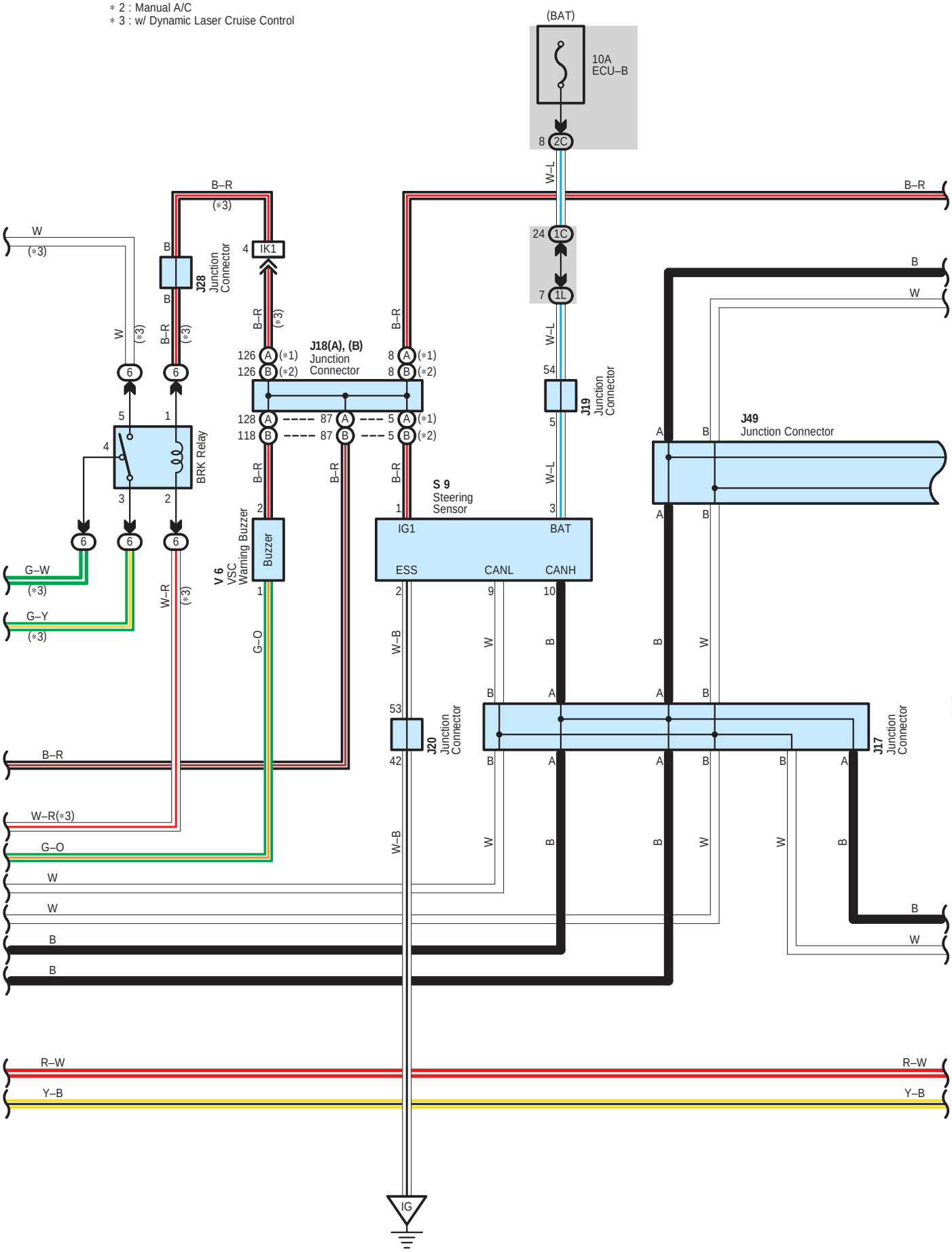


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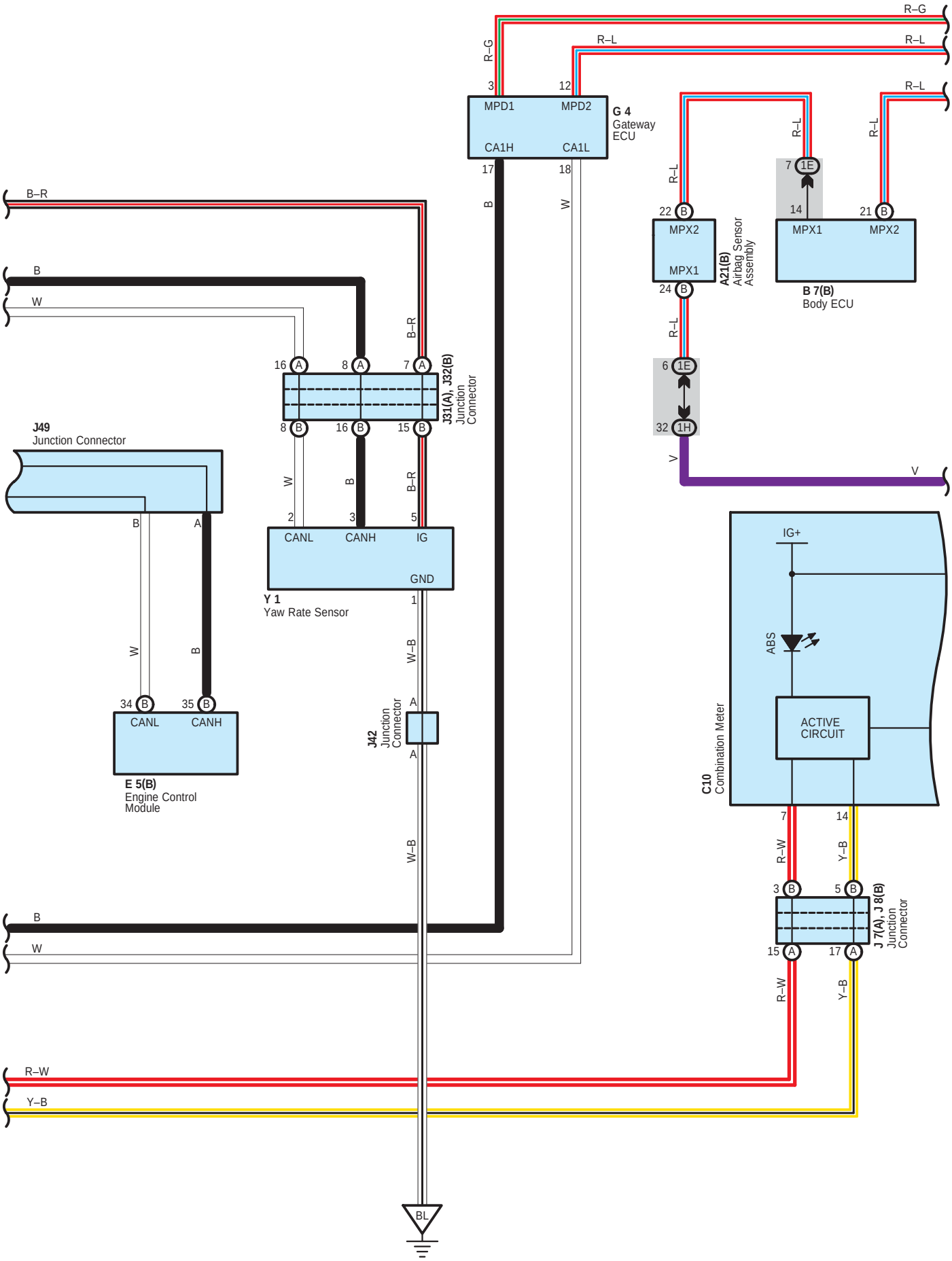


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ABS with VSC, TRAC and VSC

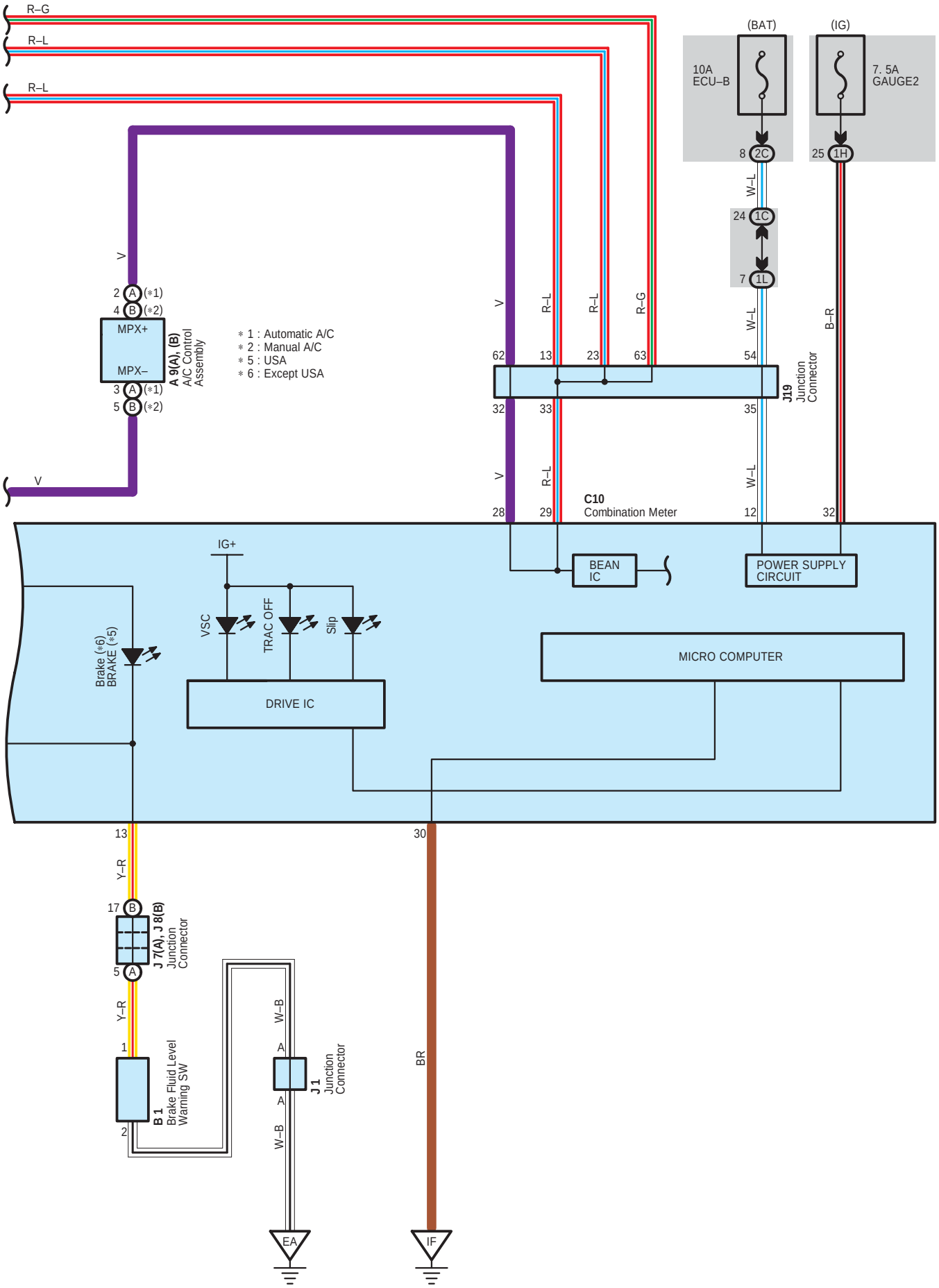


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ABS with VSC, TRAC and VSC



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System Outline

The vehicle could be in an extreme over steering or under steering tendency due to unexpected accidents, road conditions, vehicle speed, or by other external factors. In such a case, this system automatically controls the engine output and the braking to each wheel, to decrease the extreme over steering and under steering.

∗ To decrease extreme over steering tendency

When the system determines that the over steering tendency is large, the system applies brakes to the outer wheels according to the degree of over steering, and creates a moment towards the outer side of the vehicle, to decrease the tendency of over steering. Also, when the brakes are applied, the vehicle speed decreases while the stability increases.

∗ To decrease extreme under steering tendency

When the system determines that the under steering tendency is large, the system applies brakes to the front or rear wheels according to the degree of under steering, to decrease the tendency of under steering.

∗ Traction control SW

Traction control SW is only for two–wheel drive models. Four–wheel drive models is needless this SW.

The SW to send the traction control system into OFF mode. When the SW is pushed after starting the engine, the system will be in OFF mode, and the traction control SW indicator light will turn on. When the SW is pushed again, the system will be in standby mode. When the engine is stopped and re–started, regardless of the traction control SW, the system will be in standby mode.

Information to the driver

The VSC system informs the driver when the tire grip is about to exceed its grip capacity, by blinking the slip indicator light and emiting an intermittent sound of the buzzer. Accordingly, the driver is informed to drive more gently.

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
A3	36	F12 G	36	J28	40
A4	36	G4	39	J31 A	40
A9 A	38	J1	37	J32 B	40
A9 B	38	J2	37	J42	43
A21 B	38	J5 A	40	J49	40
A27	42	J6 B	40	P6	41
A28	42	J7 A	40	S3 A	37
B1	36	J8 B	40	S9	41
B7 B	38	J15	40	S12	41
C10	39	J17	40	T5	41
D1	39	J18 A	40	V6	41
E5 B	39	J18 B	40	Y1	45
F6 A	36	J19	40		
F10 E	36	J20	40		

▭ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
5	27	R/B No.5 (Engine Compartment Left)
6	28	R/B No.6 (Engine Compartment Left)

▭ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1E	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1H	30	
1K	31	
1L		
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

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: Connector Joining Wire Harness and Wire Harness

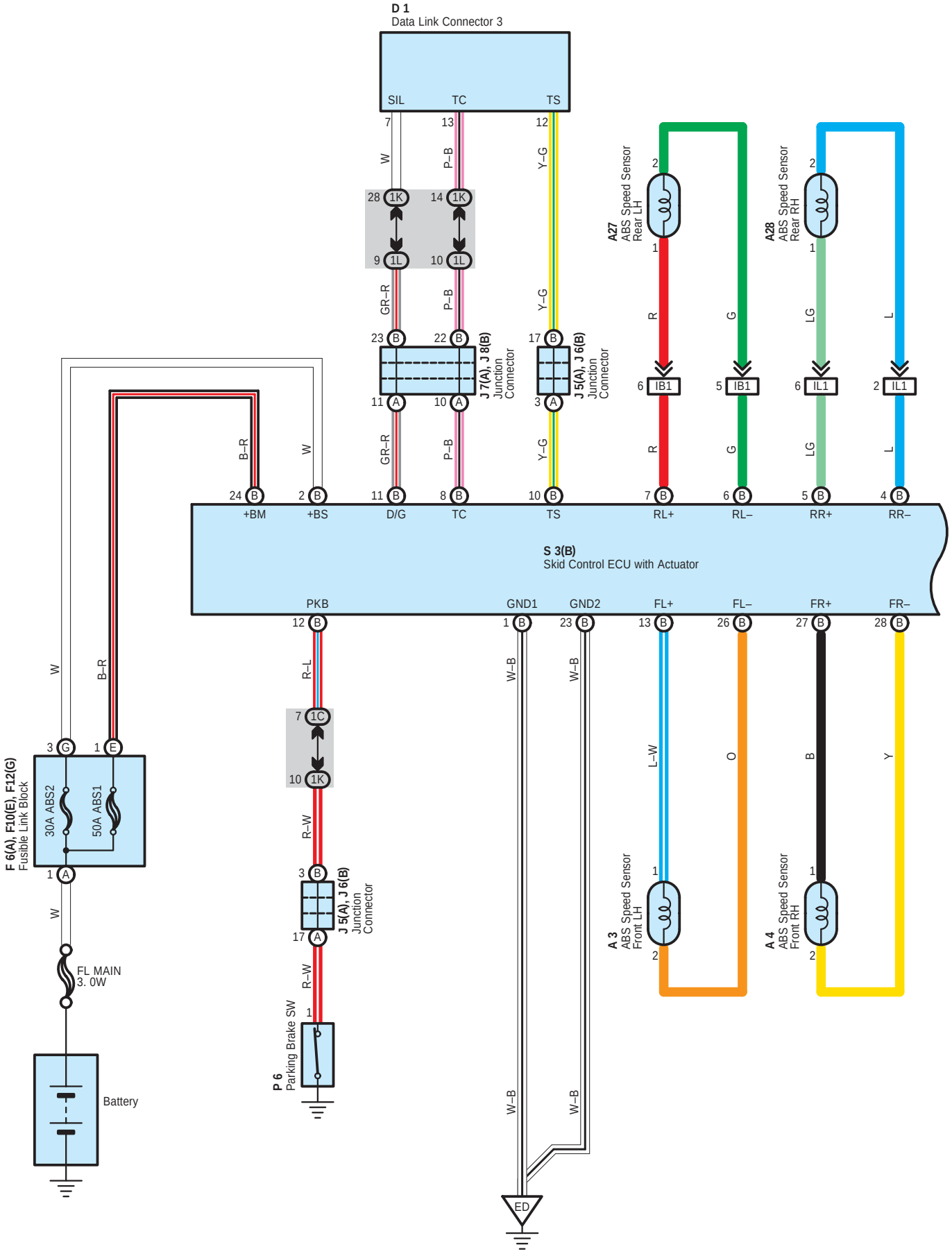
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	52	Engine Room Main Wire and Floor No.1 Wire (Left Cowl Side Panel)
IK1	53	Engine Room Main Wire and Instrument Panel Wire (Right Kick Panel)
IL1	53	Engine Room Main Wire and Floor No.2 Wire (Right Kick Panel)

: Ground Points

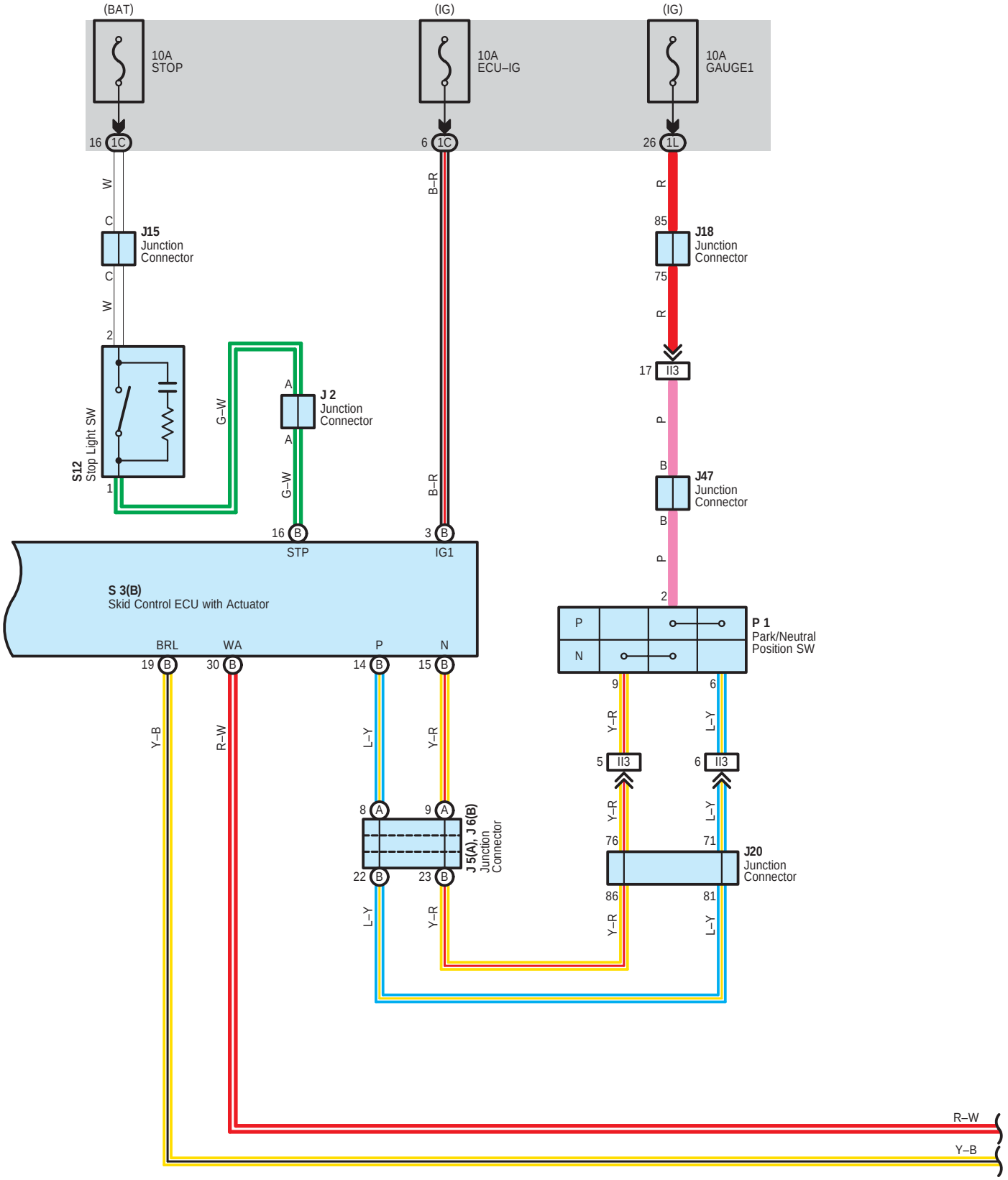
Code	See Page	Ground Points Location
EA	50	Front Side of the Right Fender Apron
ED	50	Front Side of the Left Fender Apron
IE	52	Left Kick Panel
IF	52	Instrument Panel Brace LH
IG	52	Right Kick Panel
BL	54	Right Rear Quarter Panel

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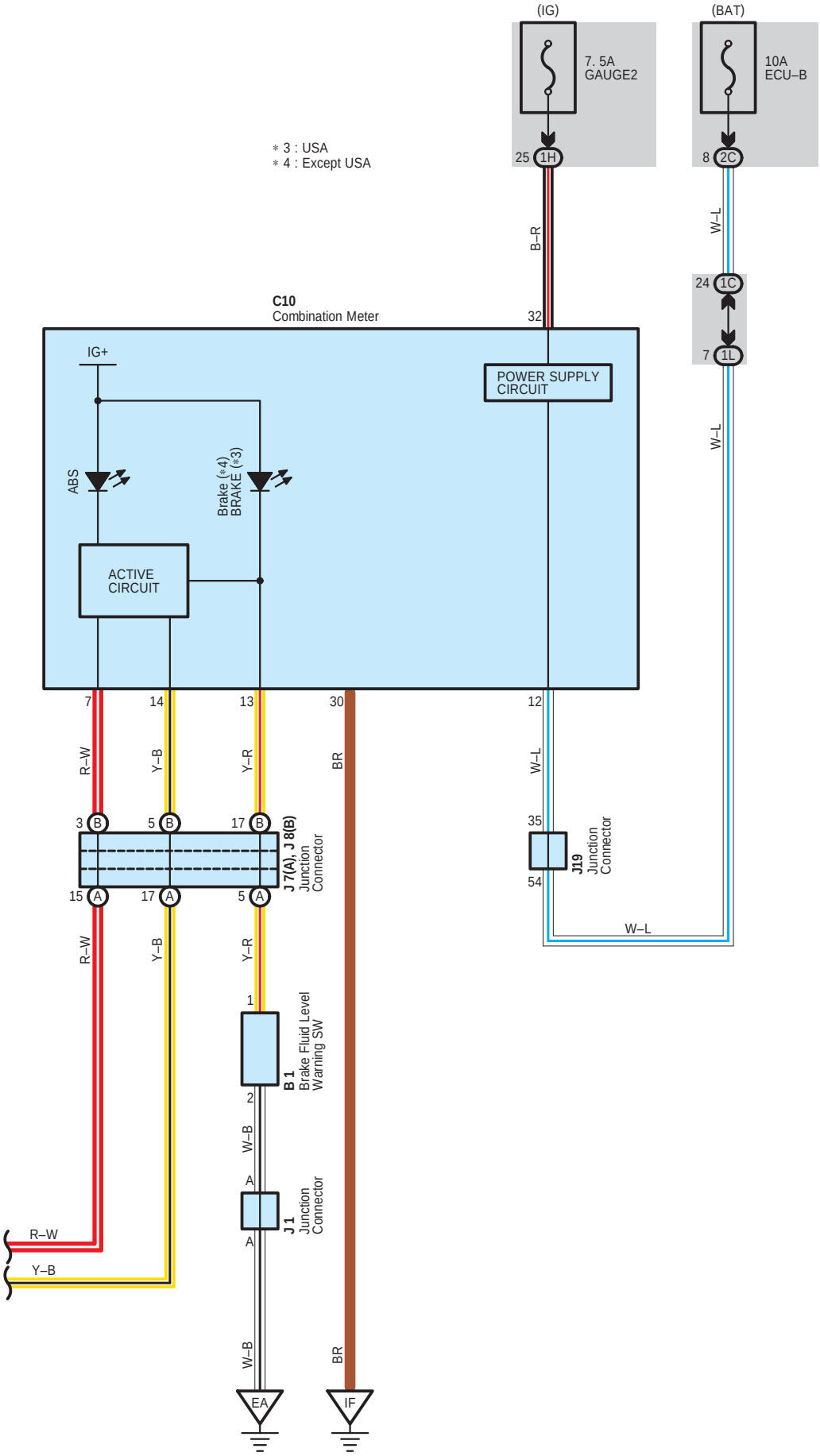
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System Outline

ABS system controls the respective brake fluid pressures acting on the disc brake cylinders of the four wheels when the brakes are applied in a panic stop, so that the wheels do not lock. This results in improved directional stability and steerability during panic braking.

Tire pressure warning system turns on the tire pressure warning light and warns the driver of low tire pressure, when driving with a low tire pressure, which may cause trouble driving.
However, this system can detect the low tire pressure condition only if one of the tires has such a condition in particular compared to other tires, and it cannot detect. Therefore, it can not detect natural (Gradual) air loss occurring to the tires.

1. Input Signals

(1) Speed sensor signal
The speed of the wheels is detected and input to TERMINALS FL+, FR+, RL+ and RR+ of the skid control ECU with actuator.

(2) Stop light SW signal
A signal is input to TERMINAL STP of the skid control ECU with actuator when the brake pedal is operated.

(3) Parking position signal
A signal is input to TERMINAL P of the skid control ECU with actuator when the Shift lever at ”P” position.

(4) Neutral position signal
A signal is input to TERMINAL N of the skid control ECU with actuator when the Shift lever at ”N” position.

2. ABS System Operation

During sudden braking the skid control ECU with actuator has signals input from each sensor, which controls the current to the solenoid inside the actuator and lets the hydraulic pressure acting on each wheel cylinder escape to the reservoir. The pump inside the actuator is also operating at this time, and it returns the brake fluid from the reservoir to the master cylinder, thus preventing locking of the vehicle wheels.
If the skid control ECU with actuator judges that the hydraulic pressure acting on the wheel cylinder is insufficient, the current on the solenoid is controlled and the hydraulic pressure is increased. Holding of the hydraulic pressure is also controlled by the skid control ECU with actuator, by the same method as above. Pressure reduction, holding and increase are repeated to maintain vehicle stability and to improve steerability during sudden braking.

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
A3	36	F12 G	36	J19	40
A4	36	J1	37	J20	40
A27	42	J2	37	J47	40
A28	42	J5 A	40	P1	37
B1	36	J6 B	40	P6	41
C10	39	J7 A	40	S3 B	37
D1	39	J8 B	40	S12	41
F6 A	36	J15	40		
F10 E	36	J18	40		

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1H	30	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1K	31	
1L		
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	52	Engine Room Main Wire and Floor No.1 Wire (Left Cowl Side Panel)
II3	53	Engine Wire and Instrument Panel Wire (Right Kick Panel)
IL1	53	Engine Room Main Wire and Floor No.2 Wire (Right Kick Panel)

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▽ : **Ground Points**

Code	See Page	Ground Points Location
EA	50	Front Side of the Right Fender Apron
ED	50	Front Side of the Left Fender Apron
IF	52	Instrument Panel Brace LH

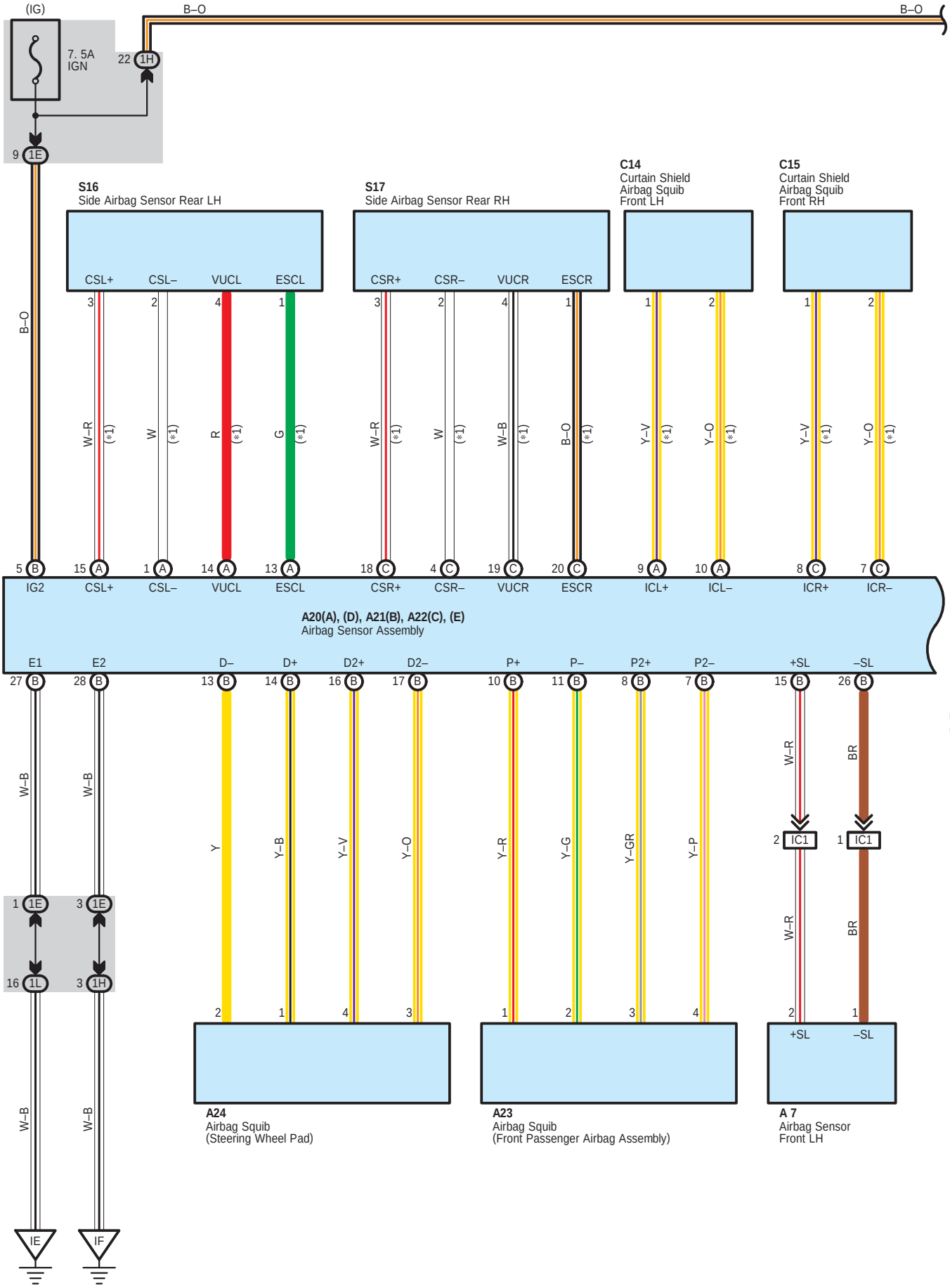
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NOTICE: When inspecting or repairing the SRS, perform service in accordance with the following precautionary instructions and the procedure, and precautions in the Repair Manual applicable for the model year.

- Malfunction symptoms of the SRS are difficult to confirm, so the DTCs become the most important source of information when troubleshooting. When troubleshooting the SRS, always inspect the DTCs before disconnecting the battery.
- **Work must be started more than 90 seconds after the ignition SW is turned to the "LOCK" position and the negative (–) terminal cable is disconnected from the battery.**
  (The SRS is equipped with a back–up power source so that if work is started within 90 seconds from disconnecting the negative (–) terminal cable of the battery, the SRS may deploy.)
- When the negative (–) terminal cable is disconnected from the battery, the memory of the clock and audio system will be cleared. So before starting work, make a record of the contents in the audio memory system. When work is finished, reset the audio systems as they were before and adjust the clock. Some vehicles have power tilt steering, power telescopic steering, power seat and power outside rear view mirror which are all equipped with memory function. However, it is not possible to make a record of these memory contents. So when the work is finished, it will be necessary to explain it to your customer, and ask the customer to adjust the features and reset the memory. To avoid erasing the memory in each system, never use a back–up power supply from outside the vehicle.
- Before repair, remove the airbag sensor if shocks are likely to be applied to the sensor during repair.
- Do not expose the following parts directly to hot air or flame;
- Even in cases of a minor collision where the SRS does not deploy, the following parts should be inspected;
- Never use SRS parts from another vehicle. When replacing parts, replace with new parts.
- For the purpose of reuse, never disassemble and repair the following parts.
- If the following parts have been dropped, or have cracks, dents and other defects in their case, bracket, and connector, replace with new one.
- Use a volt/ohmmeter with high impedance (10 kΩ/V minimum) for troubleshooting electrical circuits of the system.
- Information labels are attached to the periphery of the SRS components. Follow the instructions of the notice.
- After work on the SRS is completed, check the SRS warning light.
- If the vehicle is equipped with a mobile communication system, refer to the precaution in the IN section of the Repair Manual.

* Steering wheel pad
* Front passenger airbag assembly
* Side airbag assembly
* Curtain shield airbag assembly
* Seat belt pretensioner
* Center airbag sensor assembly
* Front airbag sensor assembly
* Side airbag sensor assembly
* Rear airbag sensor assembly

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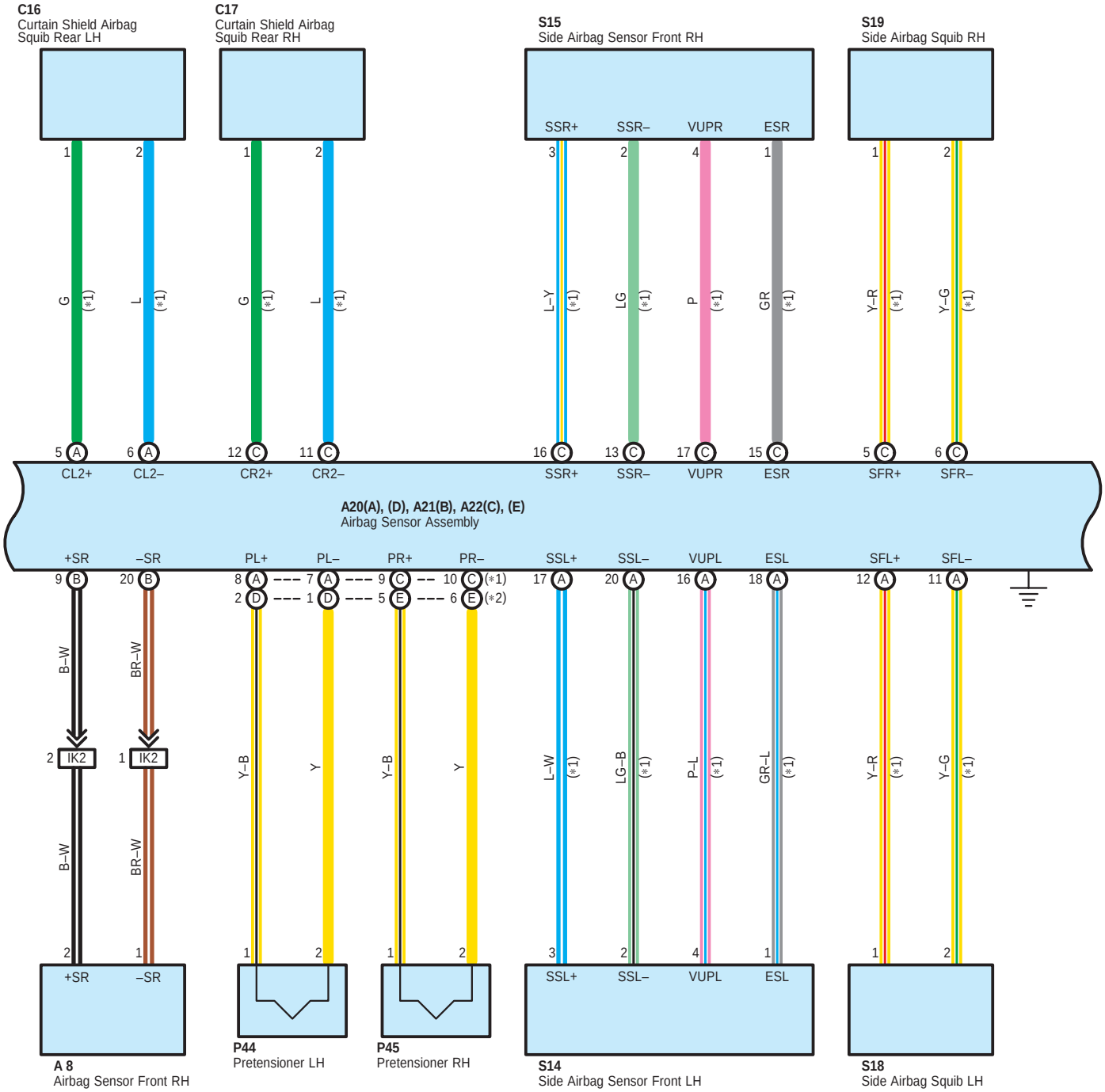


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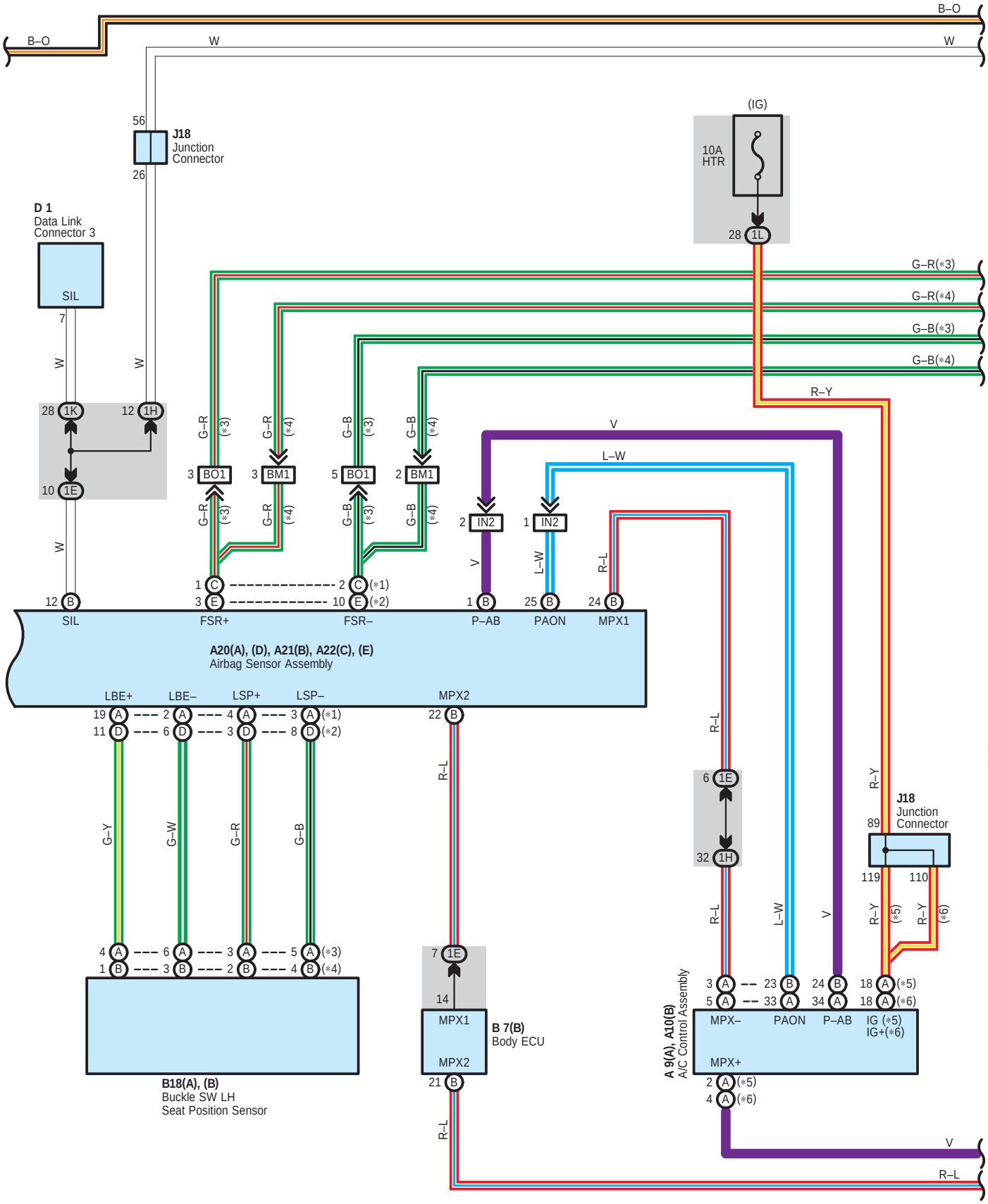
B–O

B–O

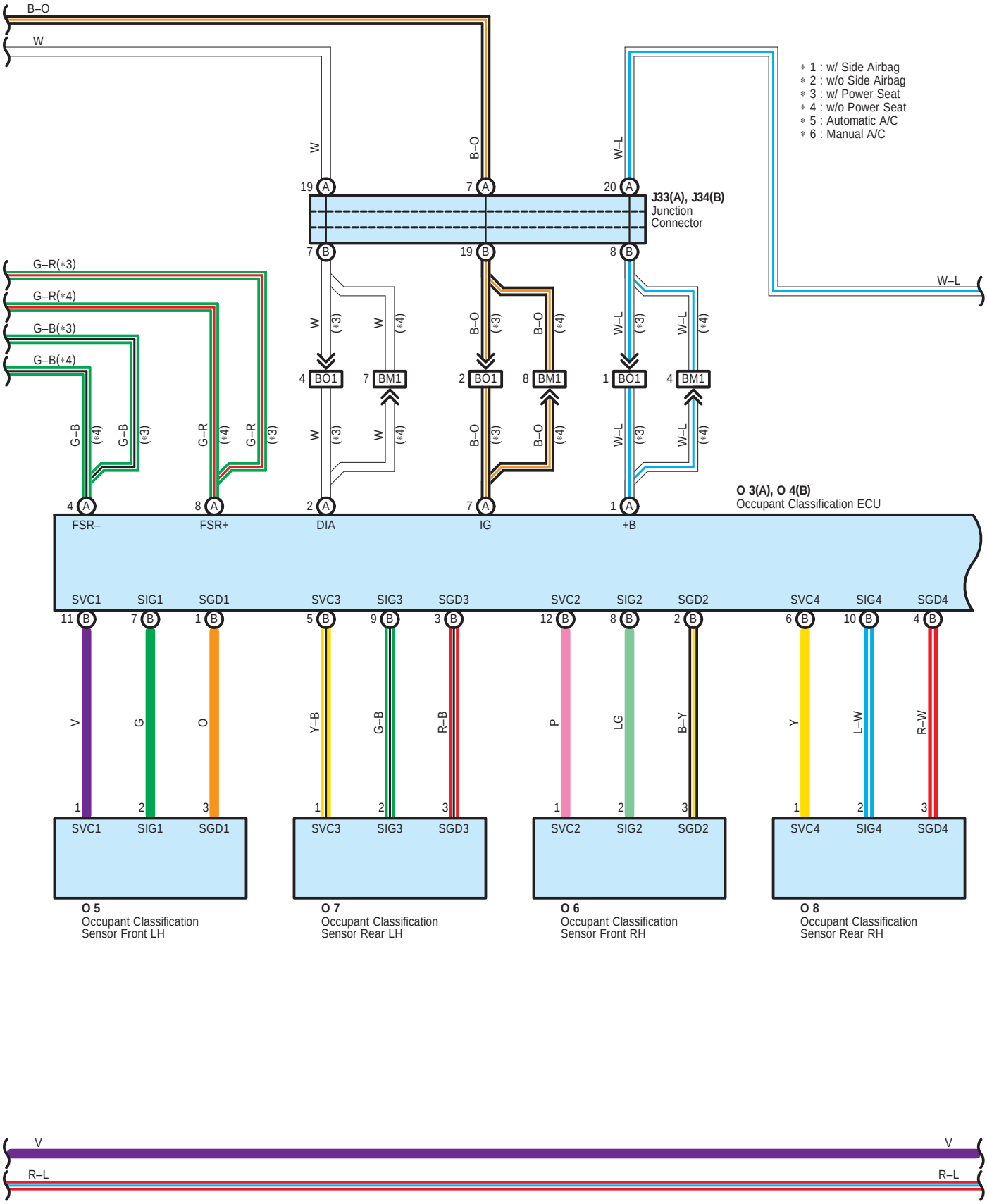
＊1 : w/ Side Airbag
＊2 : w/o Side Airbag



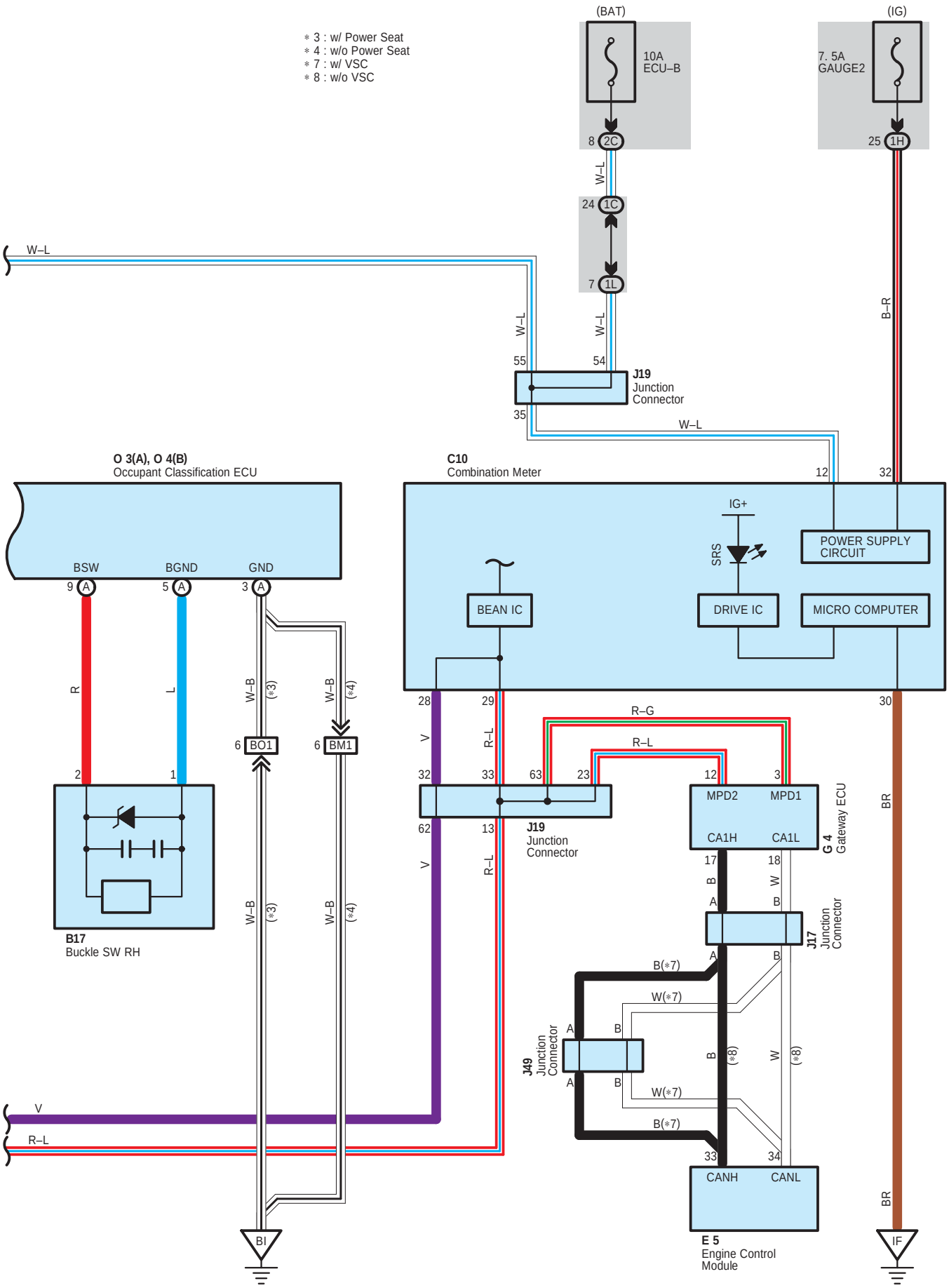
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System Outline

* The system reaches an ignition judgment to deploy the following device based on the signals received from the front airbag sensor and deceleration sensor.
  – Driver Airbag
  – Front Passenger Airbag
  – Seat Belt Pretensioner
* The system reaches an ignition judgment to deploy the following device based on the signals received from the side airbag sensors.
  – Side Airbags
  – Curtain Shield Airbags
* The dual–stage SRS airbag system has been used for the driver and front passenger airbags. This system controls the optimal airbag inflation by judging the extent of impact, seat position (driver seat), whether or not the seat belt is fastened (driver seat) and information from the front passenger occupant classification system.
* The front passenger occupant classification system judges whether the front passenger seat is occupied by an adult or child (with child seat) or is unoccupied, according to the load applied to the front passenger seat and whether the seat belt is buckled. Based on the results, it restricts the deployment of the front passenger airbag, front passenger side airbag, and front passenger seat belt pretensioner. In addition, the system informs the driver of the result of the judgment through the use of the AIRBAG ON/OFF indicator lights.
* The airbag sensor assembly transmits a signal to the engine control module in order to stop the fuel pump when the airbag is deployed.

: Parts Location

Code	See Page	Code	See Page	Code	See Page
A7	36	C10	39	O5	46 (*1)
A8	36	C14	39		47 (*2)
A9 A	38	C15	39	O6	46 (*1)
A10 B	38	C16	42		47 (*2)
A20 A	38	C17	42	O7	46 (*1)
A20 D	38	D1	39		47 (*2)
A21 B	38	E5	39	O8	46 (*1)
A22 C	38	G4	39		47 (*2)
A22 E	38	J17	40	P44	44
A23	38	J18	40	P45	44
A24	38	J19	40	S14	45
B7 B	38	J33 A	40	S15	45
B17	46 (*1)	J34 B	40	S16	45
	47 (*2)	J49	40	S17	45
B18 A	46 (*1)	O3 A	46 (*1)	S18	46 (*1)
	47 (*2)		47 (*2)		47 (*2)
B18 B	46 (*1)	O4 B	46 (*1)	S19	46 (*1)
	47 (*2)		47 (*2)		47 (*2)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1E	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1H	30	
1K	31	
1L		
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

* 1 : Front Seat w/ Power Seat * 2 : Front Seat w/o Power Seat * 3 : Rear No.2 Seat

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: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC1	52	Engine Room Main Wire and Instrument Panel Wire (Near the Driver Side J/B)
IK2	53	Engine Room Main Wire and Instrument Panel Wire (Right Kick Panel)
IN2	53	Instrument Panel Wire and Instrument Panel Wire (Under the Combination Meter)
BM1	57 (*2)	Floor No.2 Wire and Seat No.1 Wire (Under the Front Passenger's Seat)
BO1	56 (*1)	Seat No.1 Wire and Floor No.2 Wire (Under the Front Passenger's Seat)

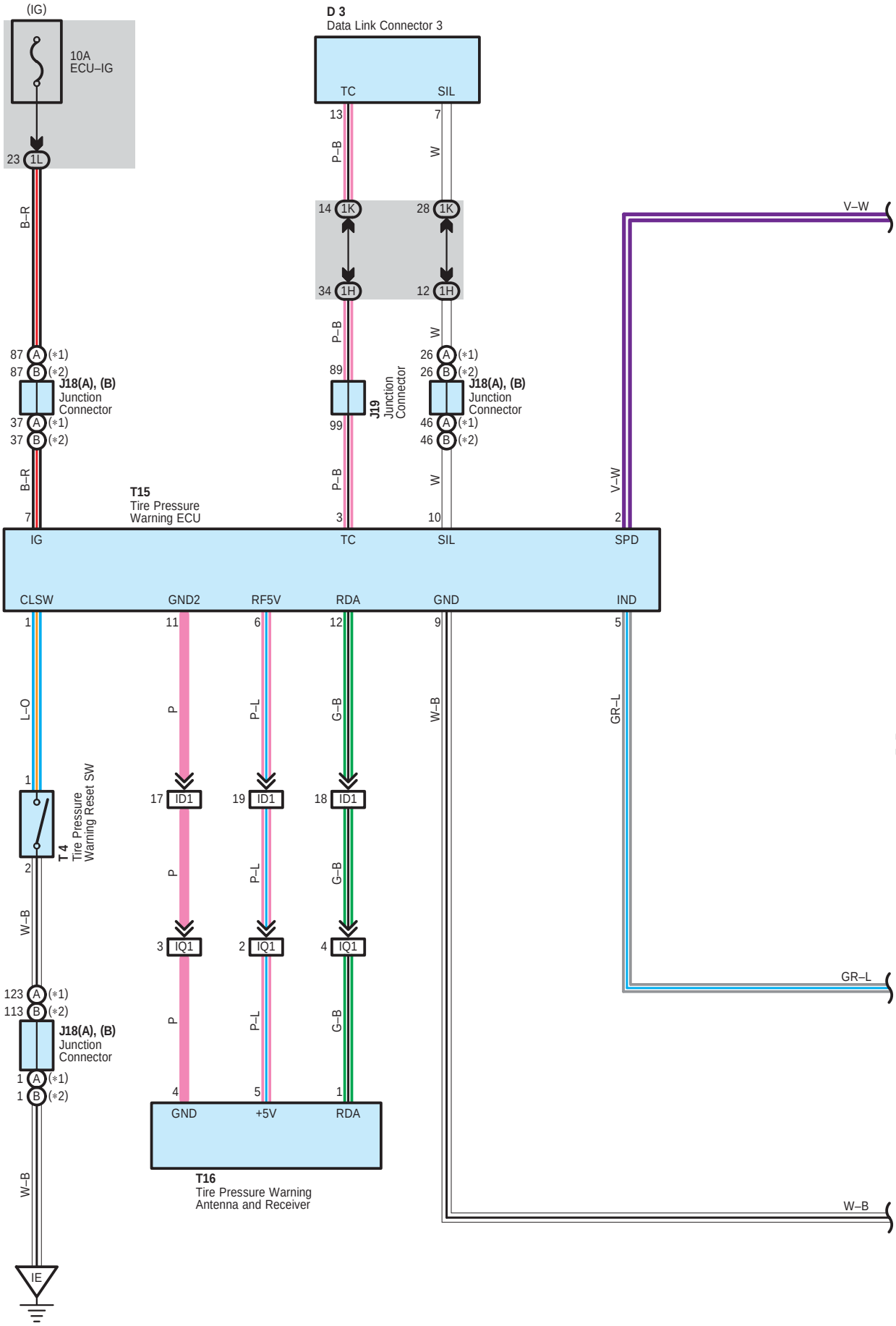
: Ground Points

Code	See Page	Ground Points Location
IE	52	Left Kick Panel
IF	52	Instrument Panel Brace LH
BI	54	Under the Right Center Pillar

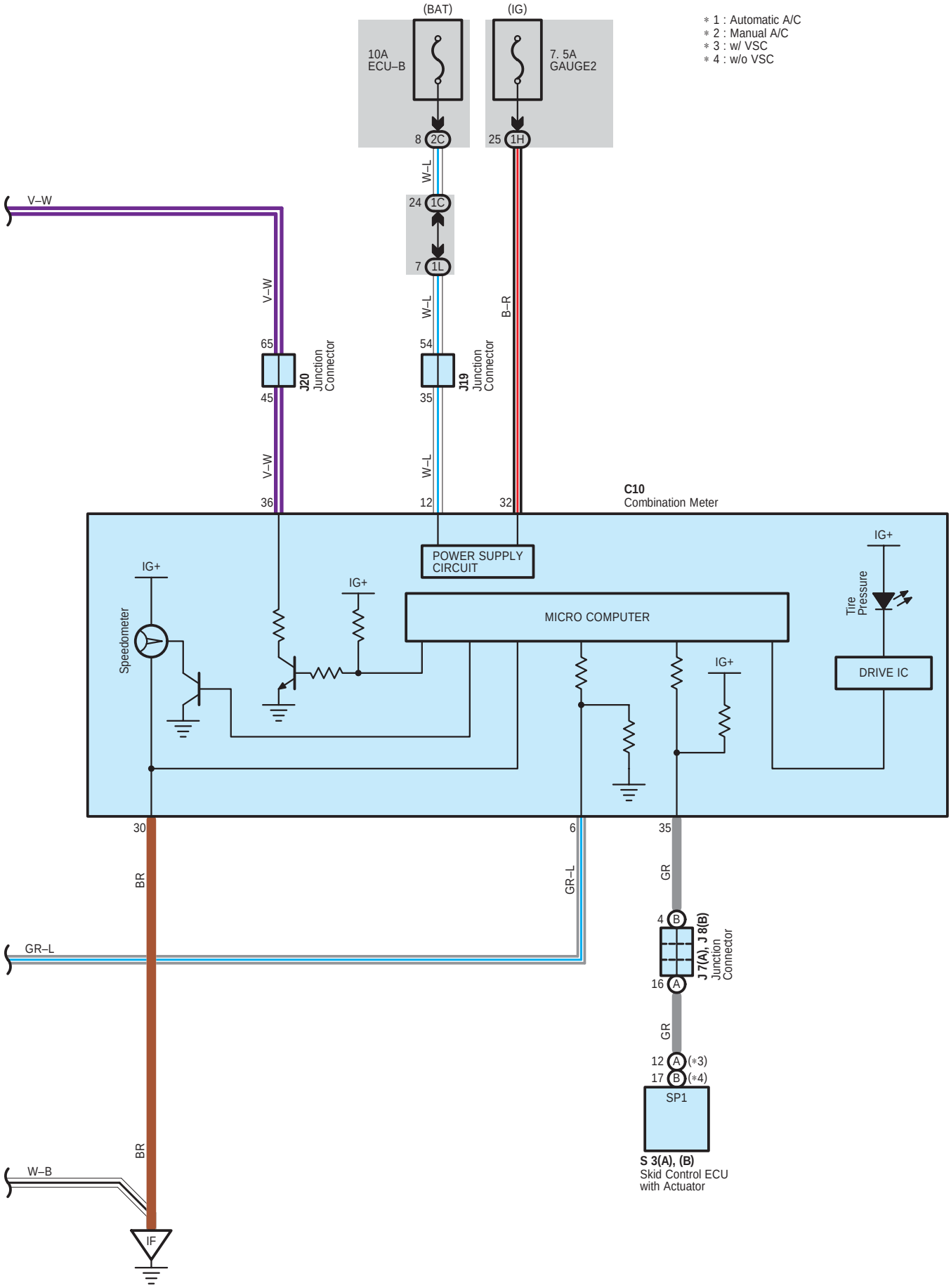
* 1 : Front Seat w/ Power Seat * 2 : Front Seat w/o Power Seat * 3 : Rear No.2 Seat

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Tire Pressure Warning System

System Outline

The tire pressure warning valve and transmitter installed in the tire wheel detects the tire air pressure and transmits signals to the vehicle side receiver. When the detected tire air pressure is below a specified level, the warning light in the combination meter comes on to inform the driver.
Press the tire pressure warning reset SW for 3 seconds with the ignition SW at ON position after the tire pressure is adjusted to the specified value. It will lead the tire pressure warning ECU to warn the pressure according to the specified value.
Warnings when the tire pressure is low
* When the tire air pressure is below a specified level, the warning light in the combination meter comes on.

: Parts Location

Code	See Page	Code	See Page	Code	See Page
C10	39	J18 B	40	T4	41
D3	39	J19	40	T15	41
J7 A	40	J20	40	T16	45
J8 B	40	S3 A	37		
J18 A	40	S3 B	37		

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1H	30	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1K	31	
1L		
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

: Connector Joining Wire Harness and Wire Harness

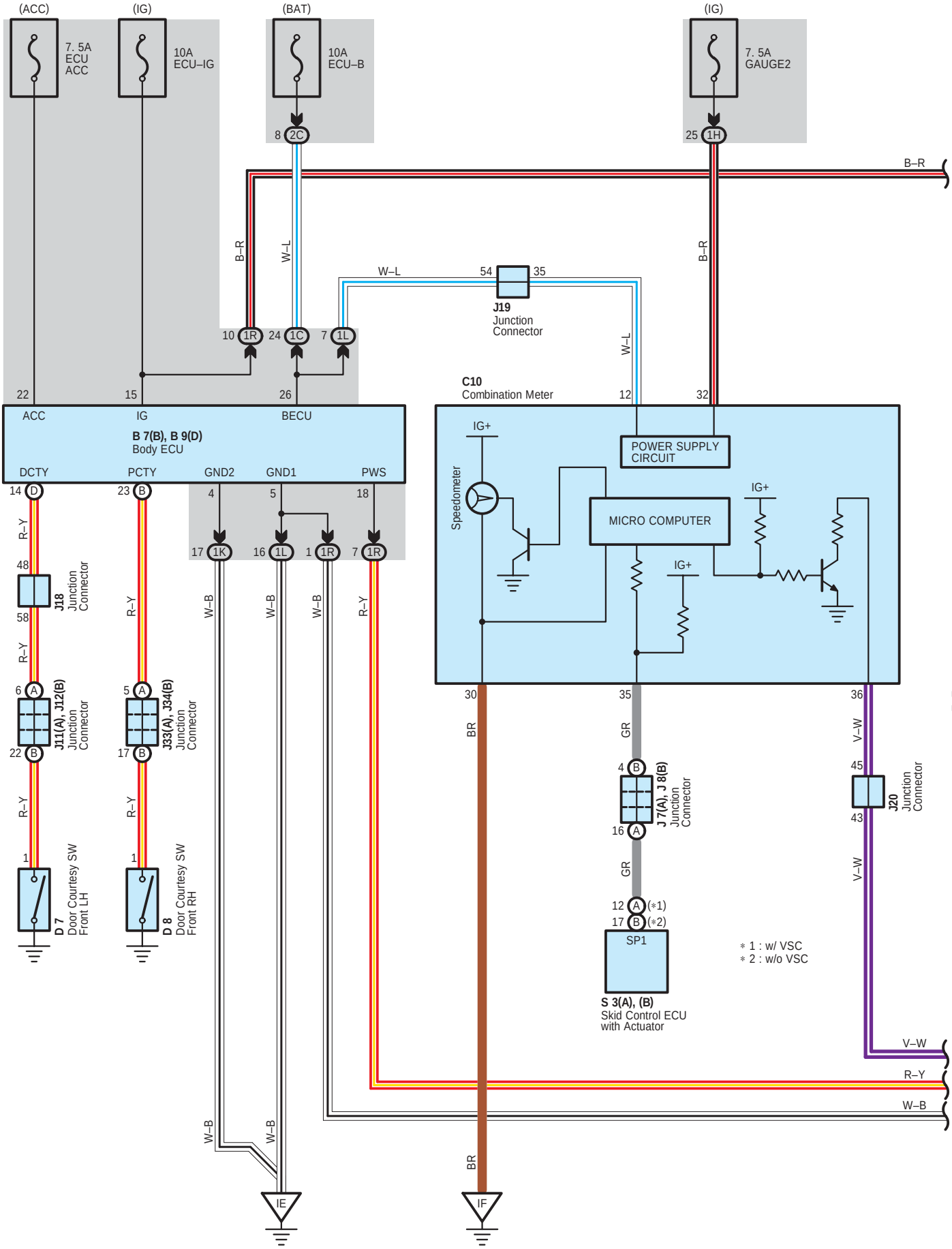
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
ID1	52	Roof Wire and Instrument Panel Wire (Near the Driver Side J/B)
IQ1	53	Roof No.4 Wire and Roof Wire (Left Cowl Side Panel)

: Ground Points

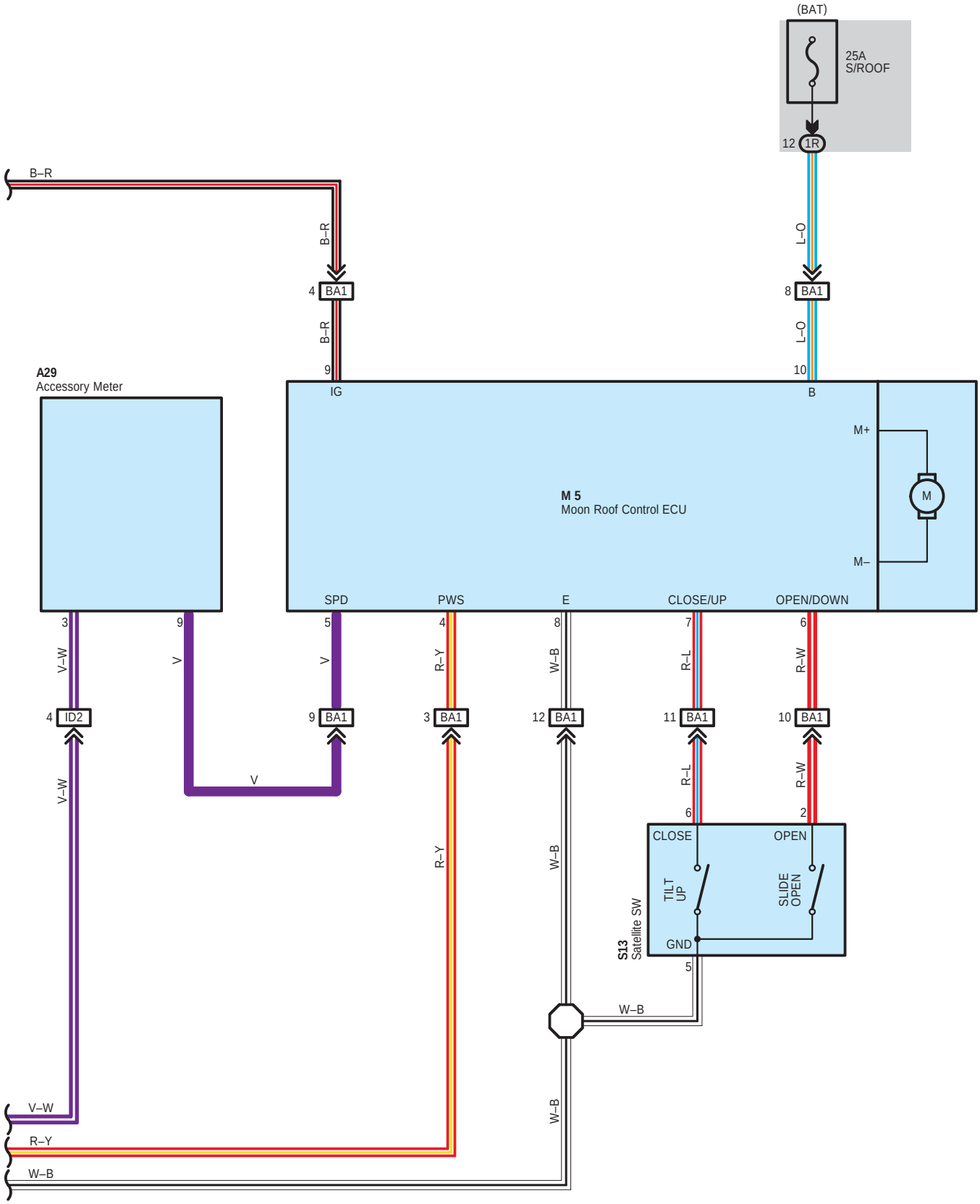
Code	See Page	Ground Points Location
IE	52	Left Kick Panel
IF	52	Instrument Panel Brace LH

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Moon Roof

: Parts Location

Code	See Page	Code	See Page	Code	See Page
A29	42	J8 B	40	J34 B	40
B7 B	38	J11 A	40	M5	43
B9 D	38	J12 B	40	S3 A	37
C10	39	J18	40	S3 B	37
D7	42	J19	40	S13	45
D8	42	J20	40		
J7 A	40	J33 A	40		

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1H	30	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1K	31	
1L		
1R	31	Roof Wire and Driver Side J/B (Lower Finish Panel)
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

: Connector Joining Wire Harness and Wire Harness

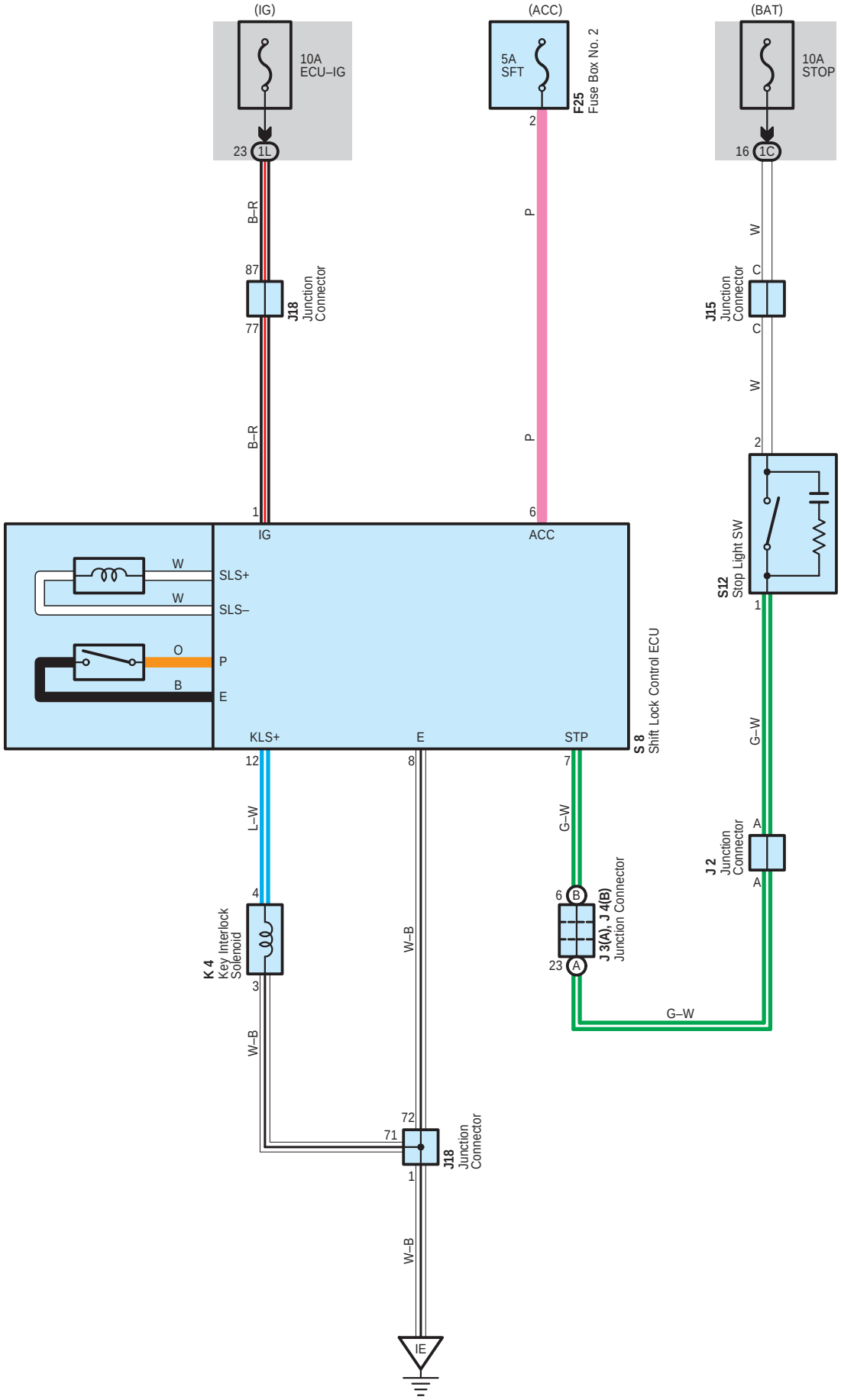
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
ID2	52	Roof Wire and Instrument Panel Wire (Near the Driver Side J/B)
BA1	54	Roof No.3 Wire and Roof Wire (Front Side of the Roof)

: Ground Points

Code	See Page	Ground Points Location
IE	52	Left Kick Panel
IF	52	Instrument Panel Brace LH

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System Outline

1. Shift Lock Mechanism

When the brake pedal is depressed with the ignition SW is turned on (Stop light SW on), the shift lock control ECU is activated and allows the driver to change the shift lever to a position other than P position.

2. Key Interlock Mechanism

When the ignition SW is turned on and the shift lever is at a position other than P position, shift lock control ECU is activated to flow current to the key interlock solenoid. This inhibits to turn the ignition SW from on to OFF position.

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
F25	39	J4 B	40	K4	40
J2	37	J15	40	S8	41
J3 A	40	J18	40	S12	41

⬭ : Junction Block and Wire Harness Connector

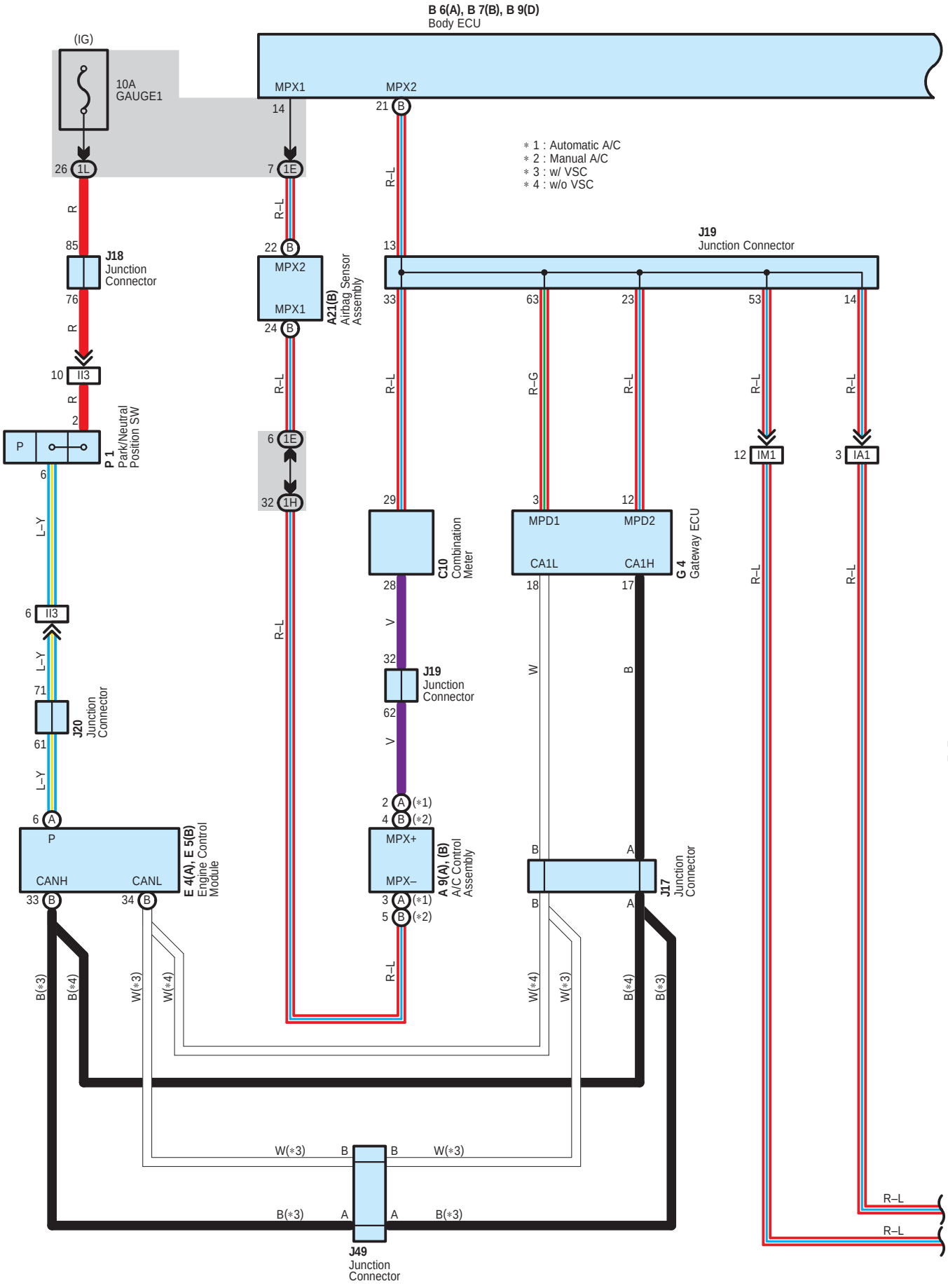
Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1L	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)

▽ : Ground Points

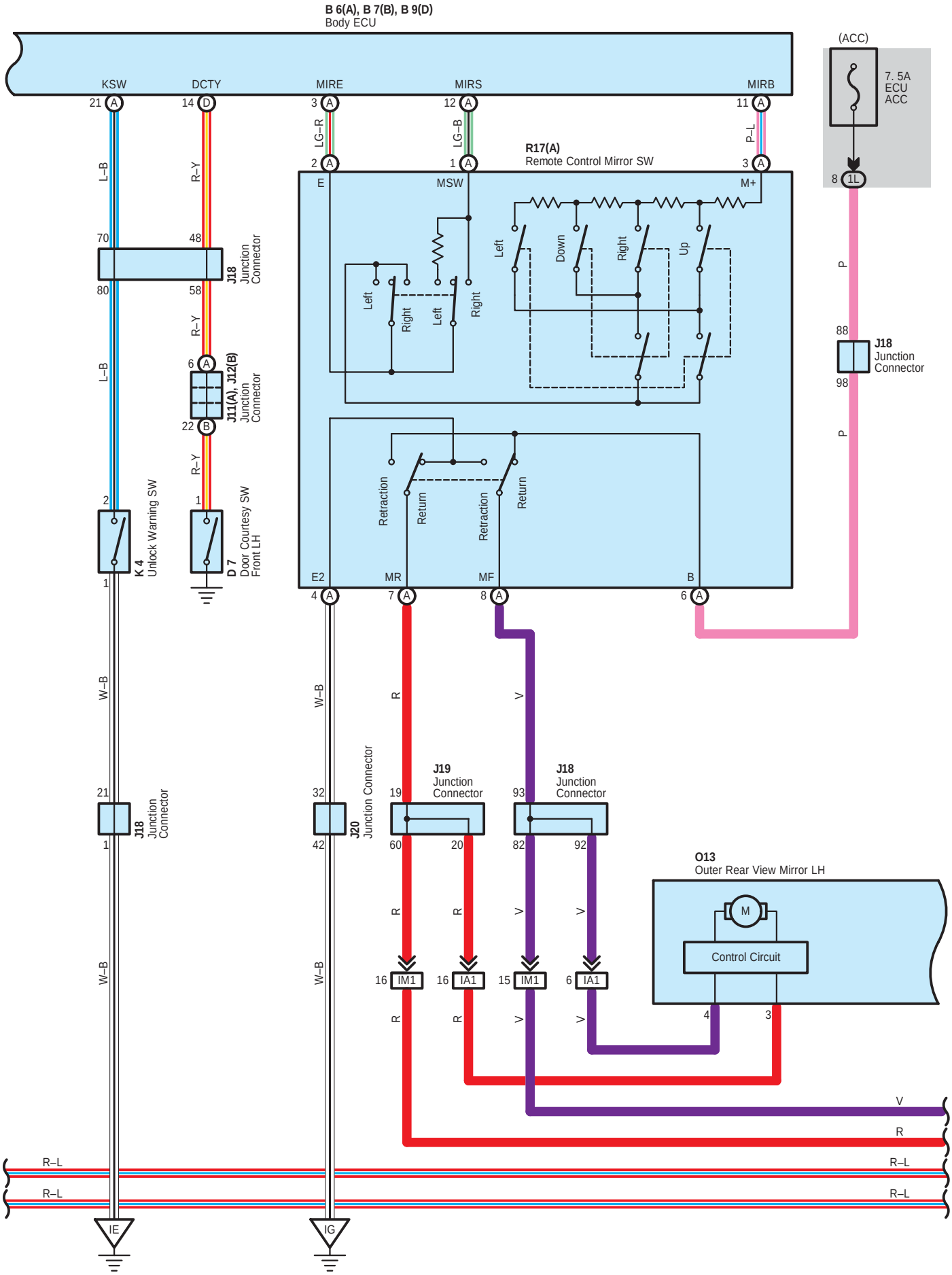
Code	See Page	Ground Points Location
IE	52	Left Kick Panel

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Remote Control Mirror with Memory

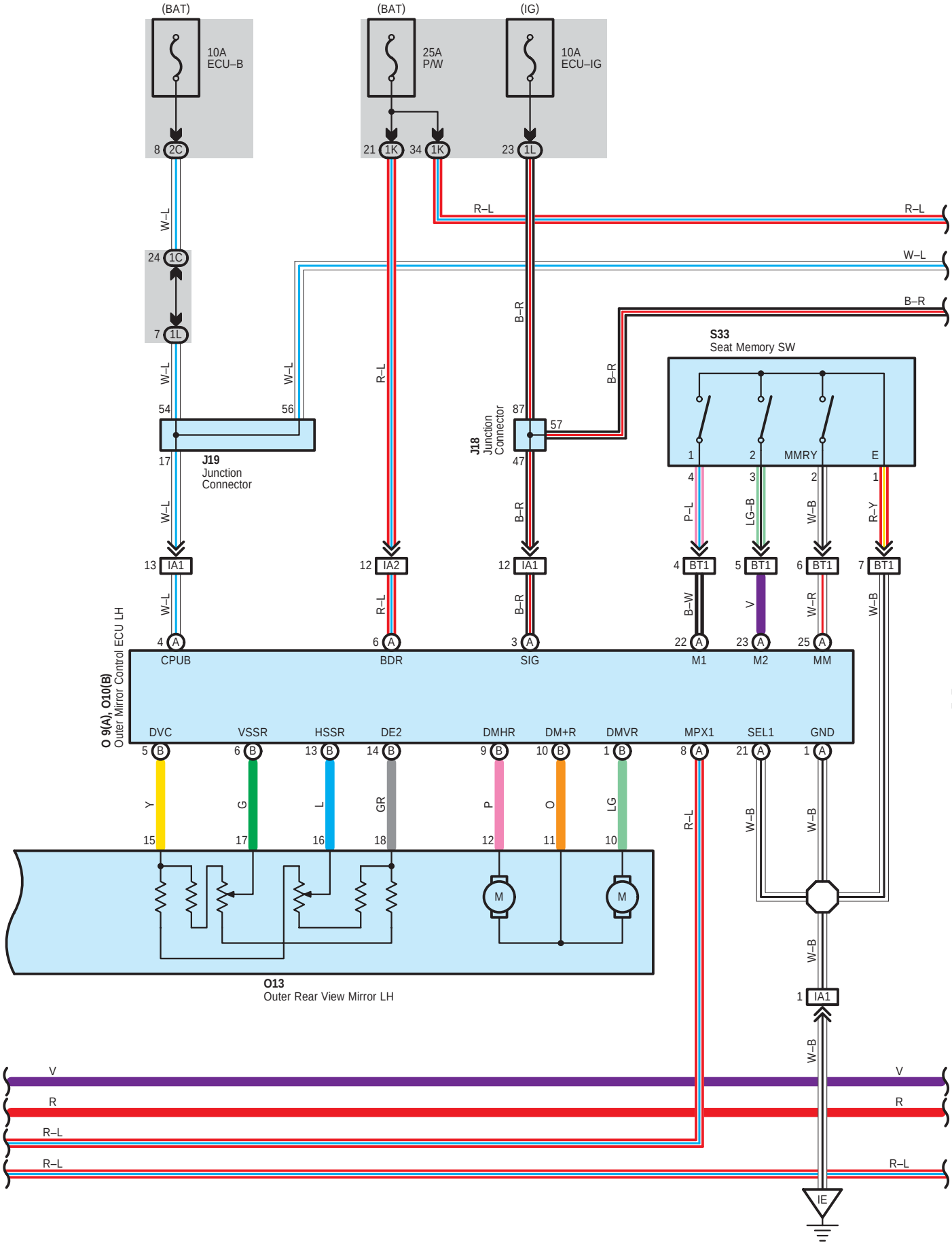


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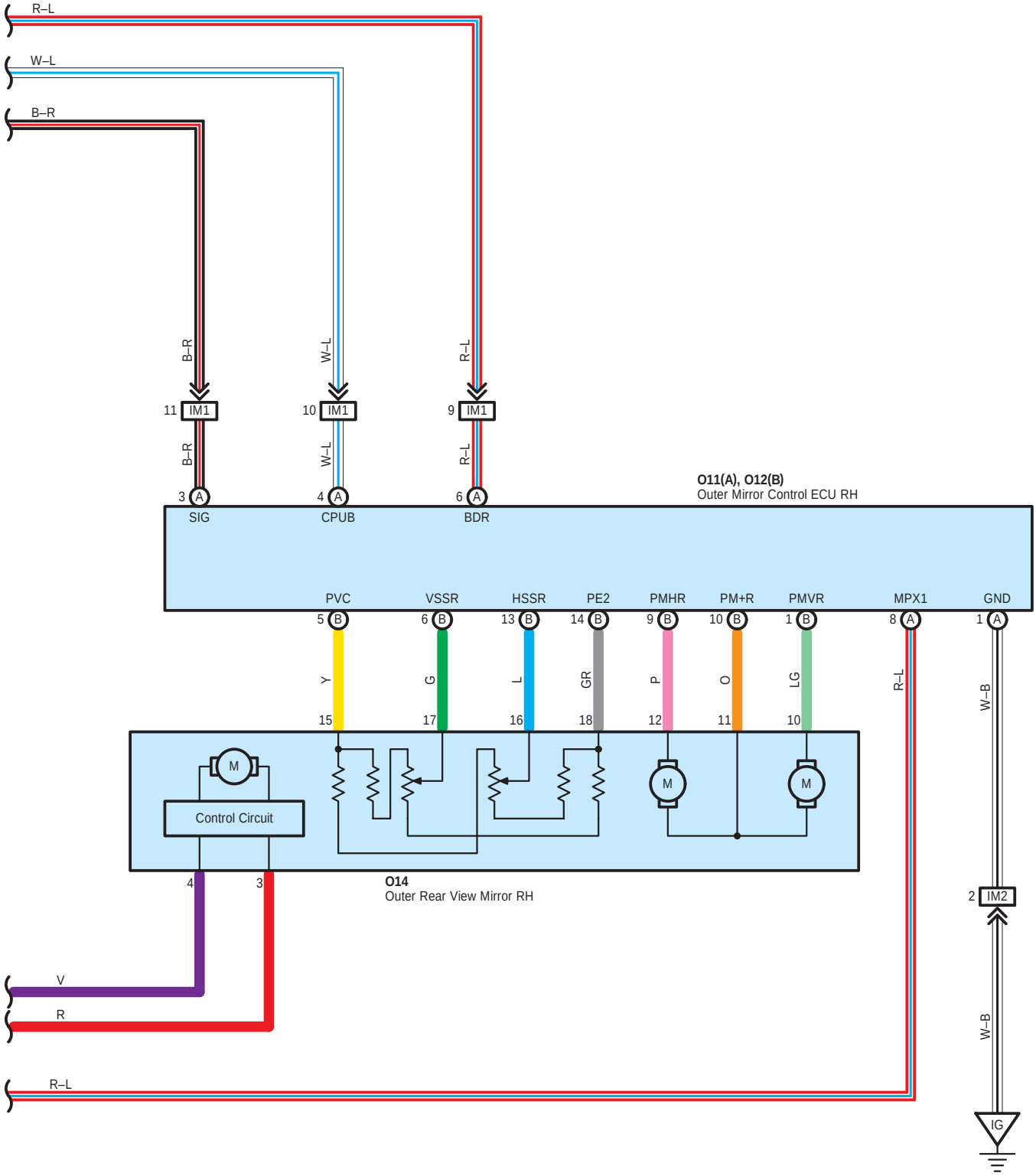


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Remote Control Mirror with Memory



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Remote Control Mirror with Memory

System Outline

When the ignition SW is turned on, the outer mirrors can be operated. When the remote control mirror SW is operated, a signal is input to the body ECU, and the outer mirror can be adjusted to the desired position.
In this system, the position sensor detects the number of rotations of each motor (Movement amount of each mirror) and inputs it to the outer mirror control ECU LH and outer mirror control ECU RH. This makes it possible to store and recall the outer mirror position using the seat memory SW. The outer mirror position is stored and recalled through communication control of the body ECU.

: Parts Location

Code		See Page	Code		See Page	Code		See Page
A9	A	38	G4		39	O10	B	43
	B	38	J11	A	40	O11	A	43
A21	B	38	J12	B	40	O12	B	43
B6	A	38	J17		40	O13		43
B7	B	38	J18		40	O14		43
B9	D	38	J19		40	P1		37
C10		39	J20		40	R17	A	41
D7		42	J49		40	S33		45
E4	A	39	K4		40			
E5	B	39	O9	A	43			

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1E	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1H	30	
1K	31	
1L		
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

: Connector Joining Wire Harness and Wire Harness

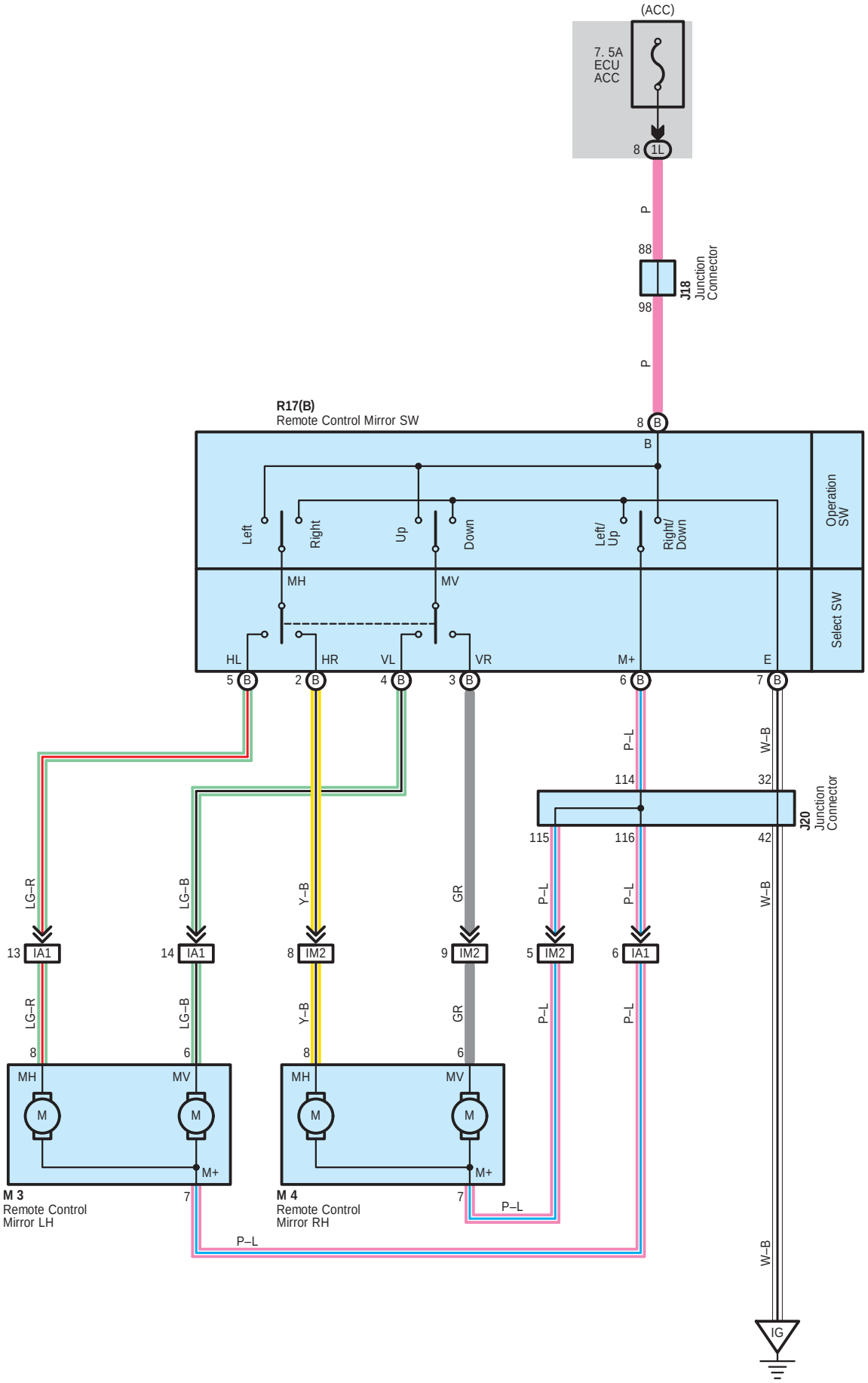
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	52	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IA2		
II3	53	Engine Wire and Instrument Panel Wire (Right Kick Panel)
IM1	53	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IM2		
BT1	55	Front Door LH Wire and Courtesy Lamp Switch Wire Assembly (Inside Front Door Trim LH)

: Ground Points

Code	See Page	Ground Points Location
IE	52	Left Kick Panel
IG	52	Right Kick Panel

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: Parts Location

Code	See Page	Code	See Page	Code		See Page
J18	40	M3	43	R17	B	41
J20	40	M4	43			

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1L	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)

: Connector Joining Wire Harness and Wire Harness

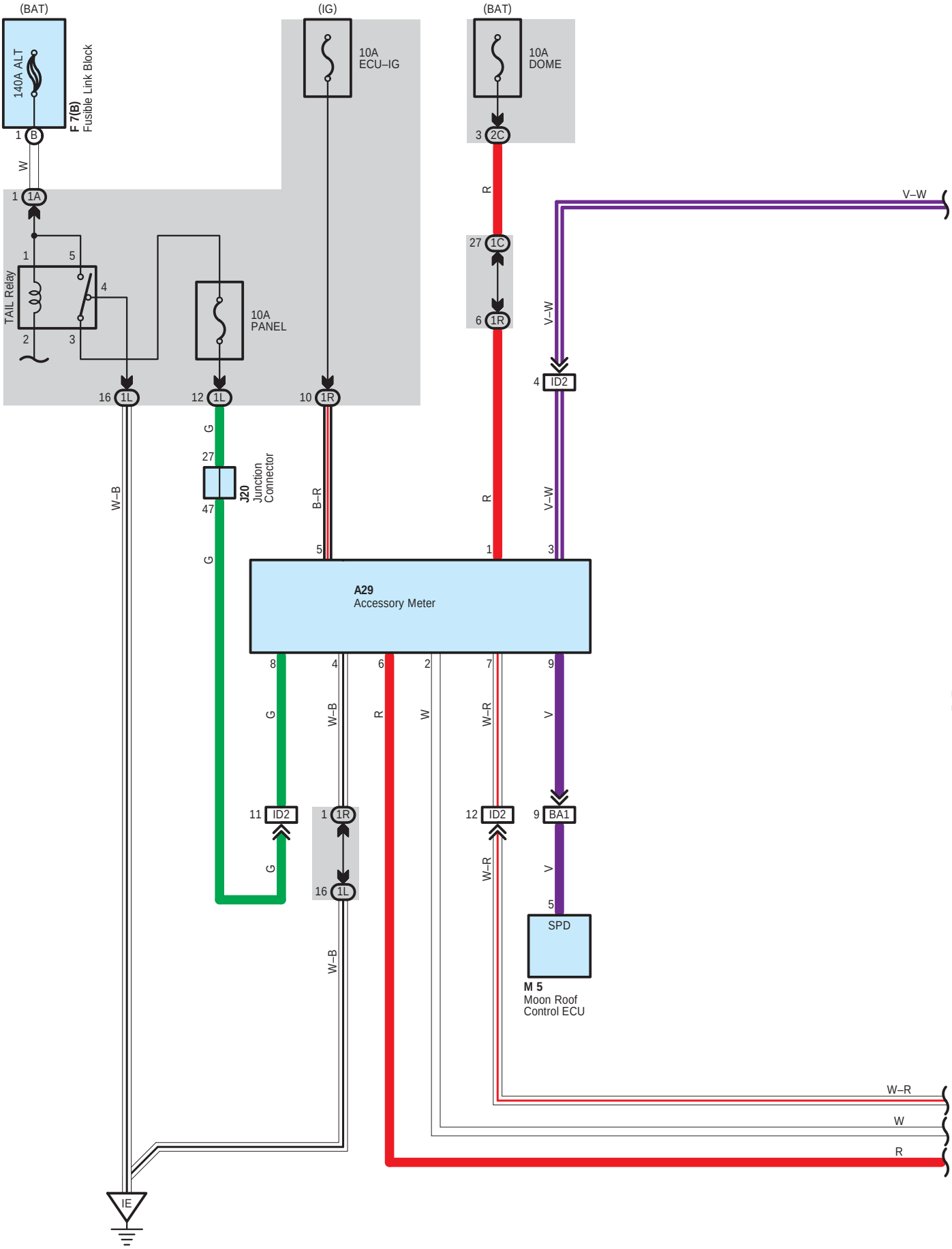
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	52	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IM2	53	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)

: Ground Points

Code	See Page	Ground Points Location
IG	52	Right Kick Panel

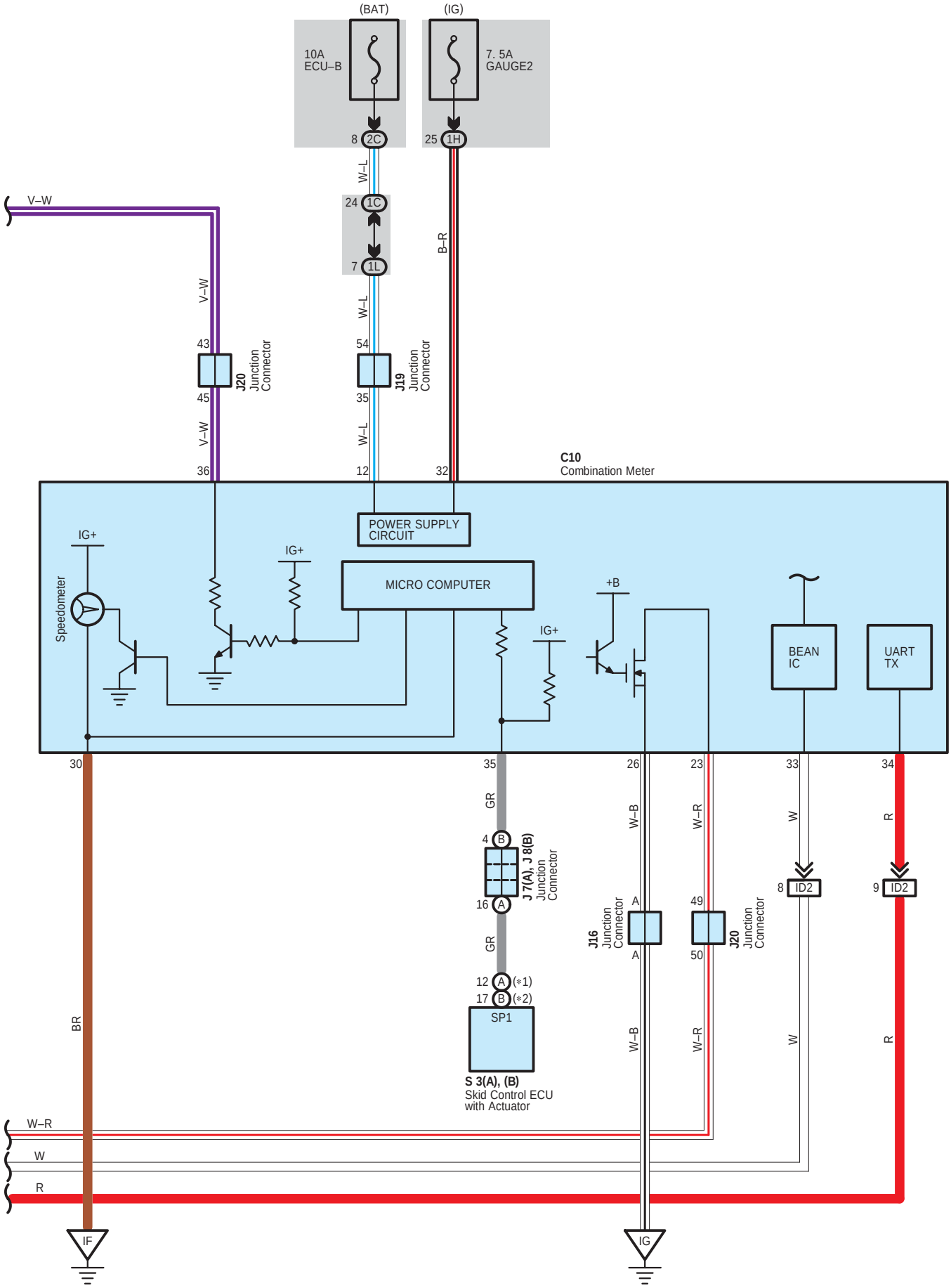
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Accessory Meter and Garage Door Opener



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＊1 : w/ VSC
＊2 : w/o VSC



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Accessory Meter and Garage Door Opener

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
A29	42	J8 B	40	M5	43
C10	39	J16	40	S3 A	37
F7 B	36	J19	40	S3 B	37
J7 A	40	J20	40		

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1C		
1H	30	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1L	31	
1R	31	Roof Wire and Driver Side J/B (Lower Finish Panel)
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
ID2	52	Roof Wire and Instrument Panel Wire (Near the Driver Side J/B)
BA1	54	Roof No.3 Wire and Roof Wire (Front Side of the Roof)

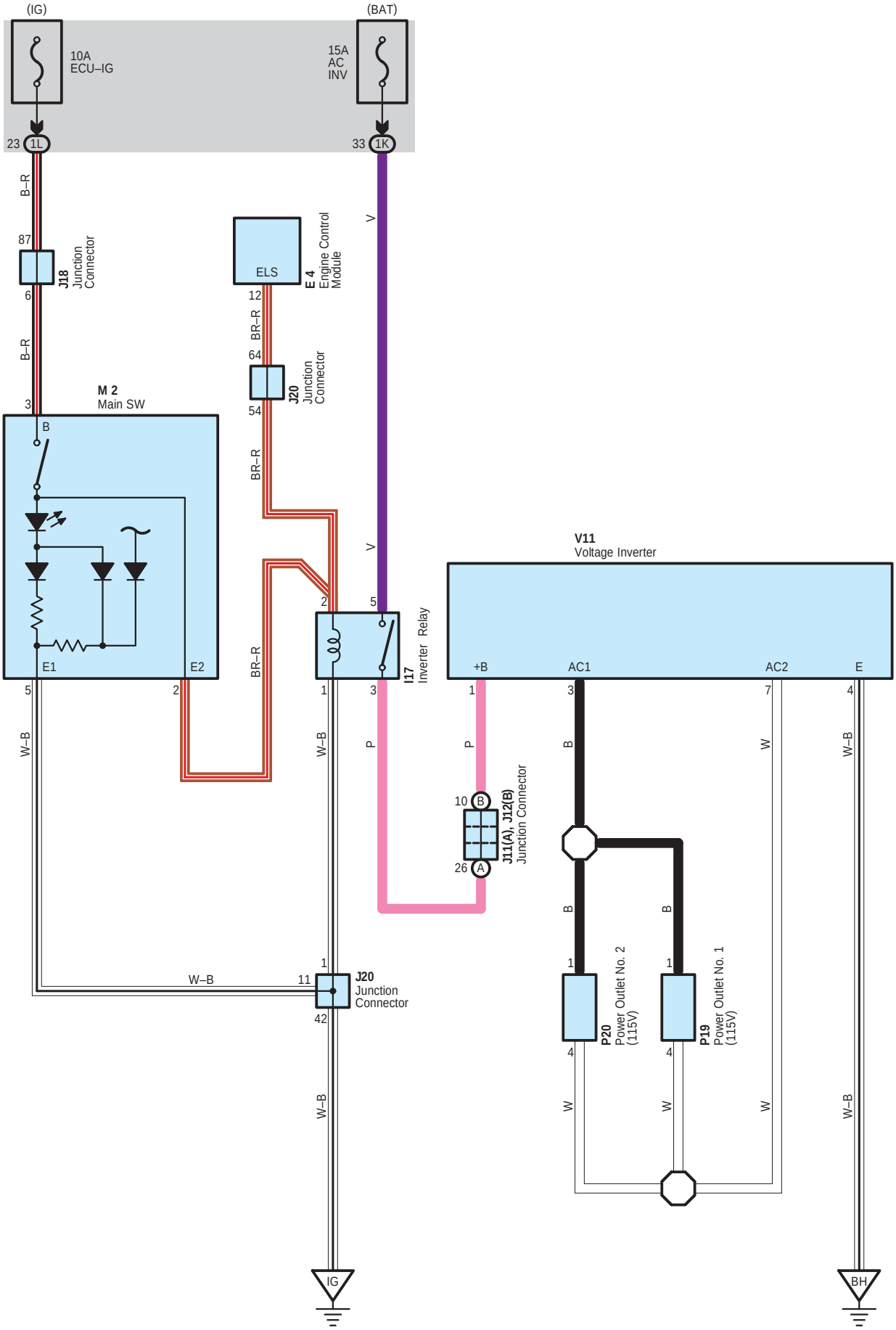
▽ : Ground Points

Code	See Page	Ground Points Location
IE	52	Left Kick Panel
IF	52	Instrument Panel Brace LH
IG	52	Right Kick Panel

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Power Outlet (115V)



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○ : **Parts Location**

Code		See Page	Code	See Page	Code	See Page
E4		39	J18	40	P20	44
I17		39	J20	40	V11	45
J11	A	40	M2	40		
J12	B	40	P19	44		

: Junction Block and Wire Harness Connector

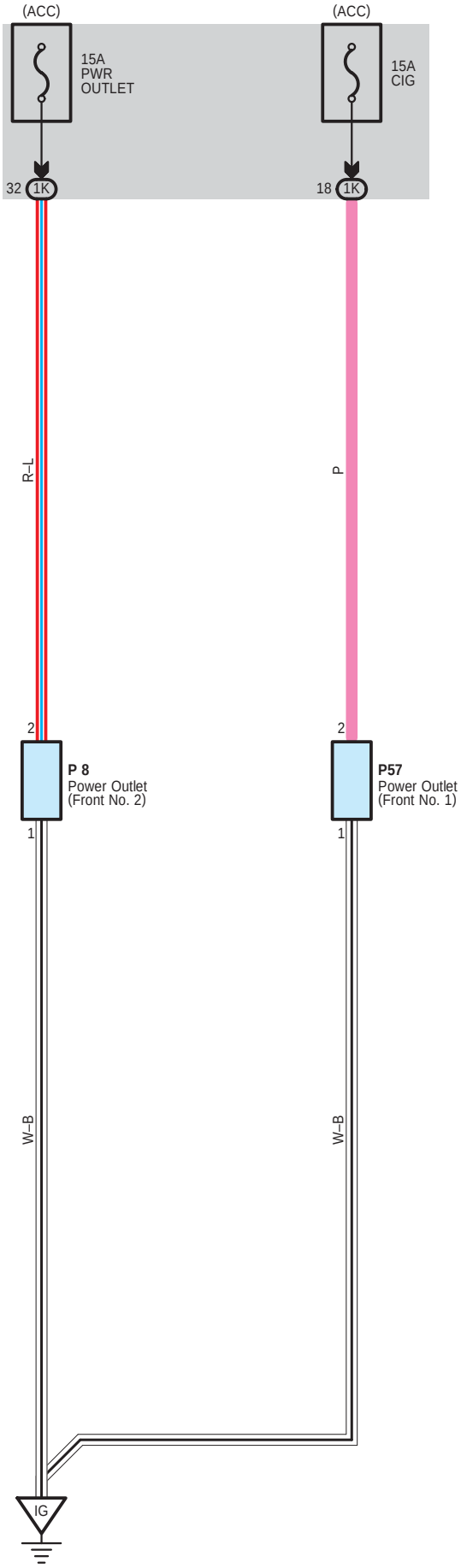
Code	See Page	Junction Block and Wire Harness (Connector Location)
1K	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1L		

▽ : **Ground Points**

Code	See Page	Ground Points Location
IG	52	Right Kick Panel
BH	54	Under the Left Center Pillar

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Power Outlet (12V Front)



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○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
P8	41	P57	41		

: Junction Block and Wire Harness Connector

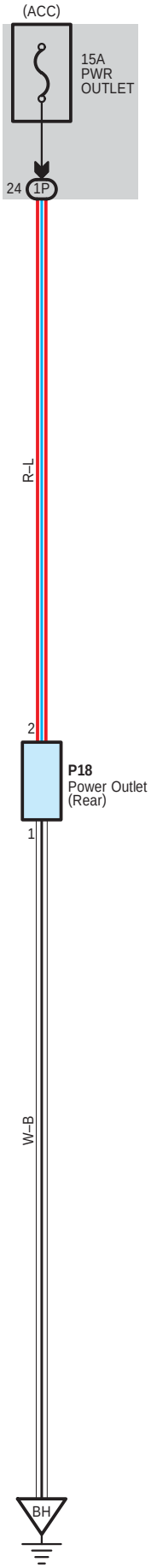
Code	See Page	Junction Block and Wire Harness (Connector Location)
1K	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)

▽ : Ground Points

Code	See Page	Ground Points Location
IG	52	Right Kick Panel

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Power Outlet (12V Rear)



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○ : **Parts Location**

Code	See Page	Code	See Page	Code	See Page
P18	44				

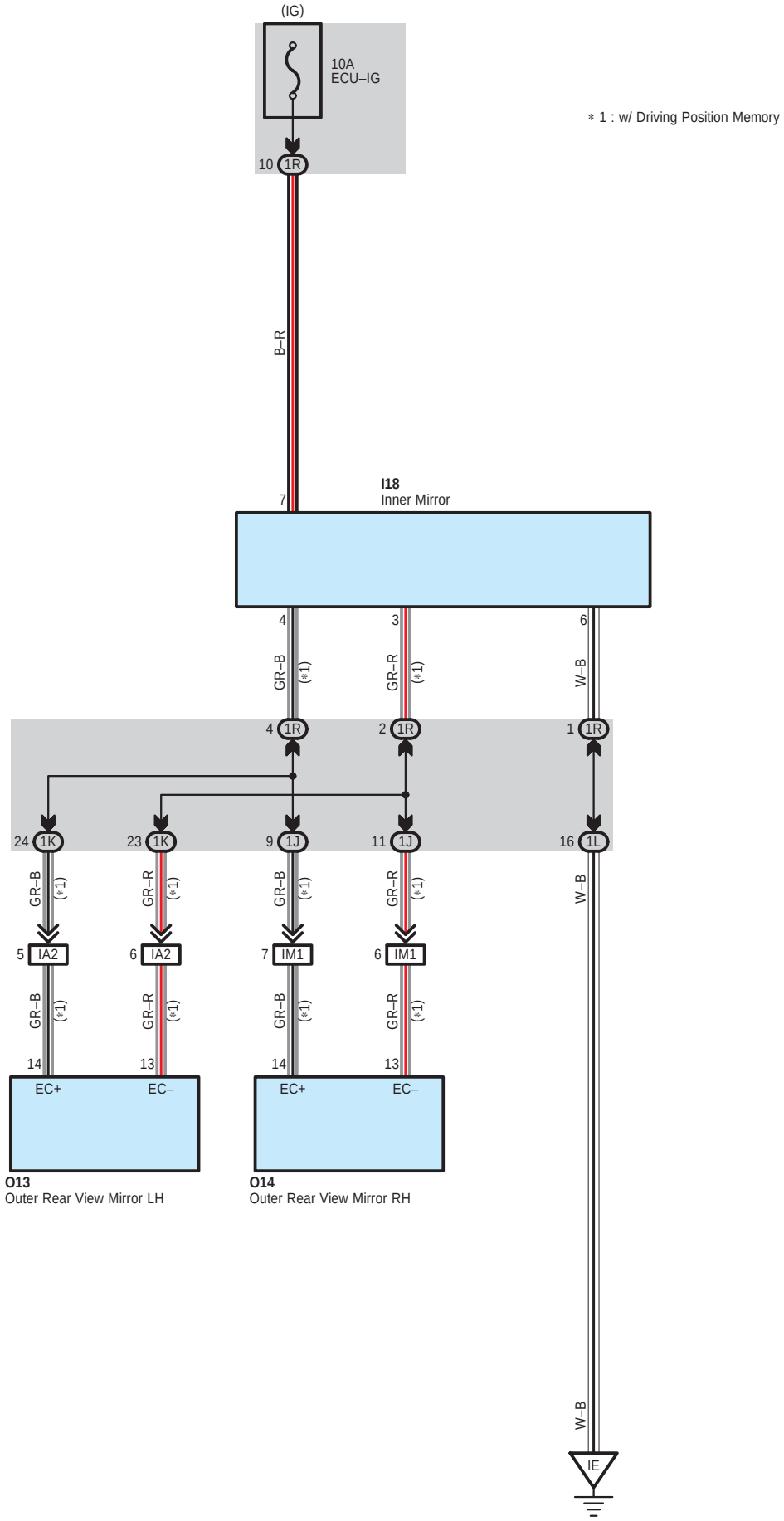
: **Junction Block and Wire Harness Connector**

Code	See Page	Junction Block and Wire Harness (Connector Location)
1P	31	Floor No.1 Wire and Driver Side J/B (Lower Finish Panel)

▽ : **Ground Points**

Code	See Page	Ground Points Location
BH	54	Under the Left Center Pillar

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: Parts Location

Code	See Page	Code	See Page	Code	See Page
I18	42	O13	43	O14	43

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1J	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1K		
1L		
1R	31	Roof Wire and Driver Side J/B (Lower Finish Panel)

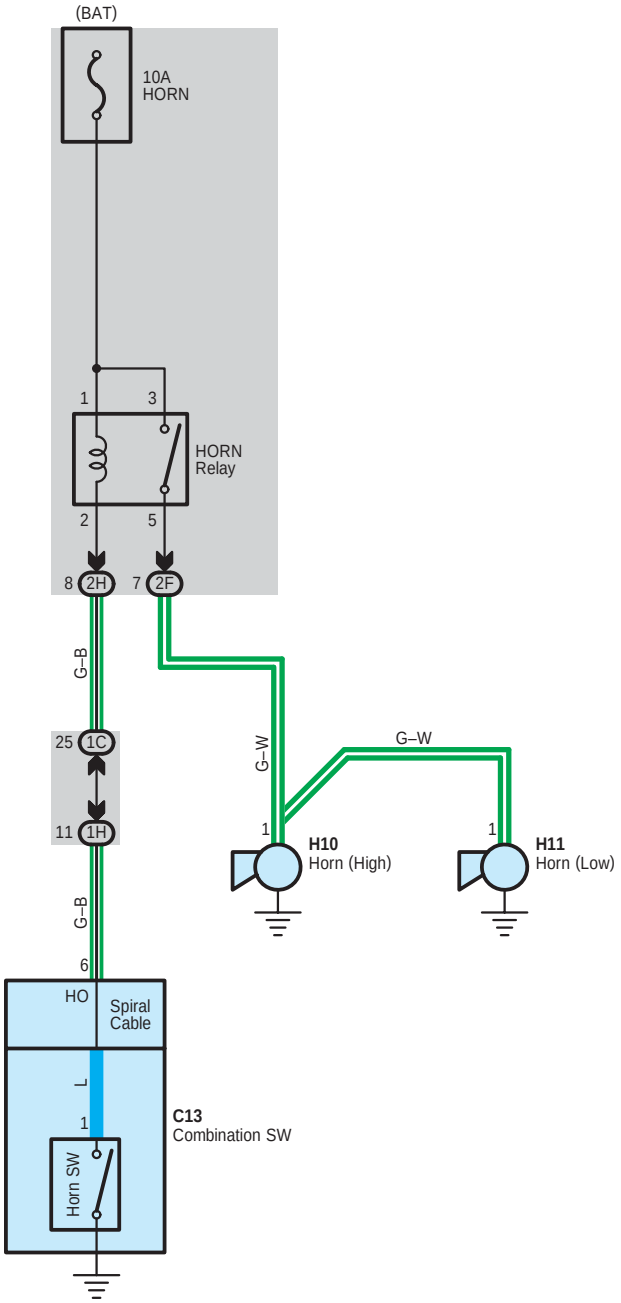
: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA2	52	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IM1	53	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)

: Ground Points

Code	See Page	Ground Points Location
IE	52	Left Kick Panel

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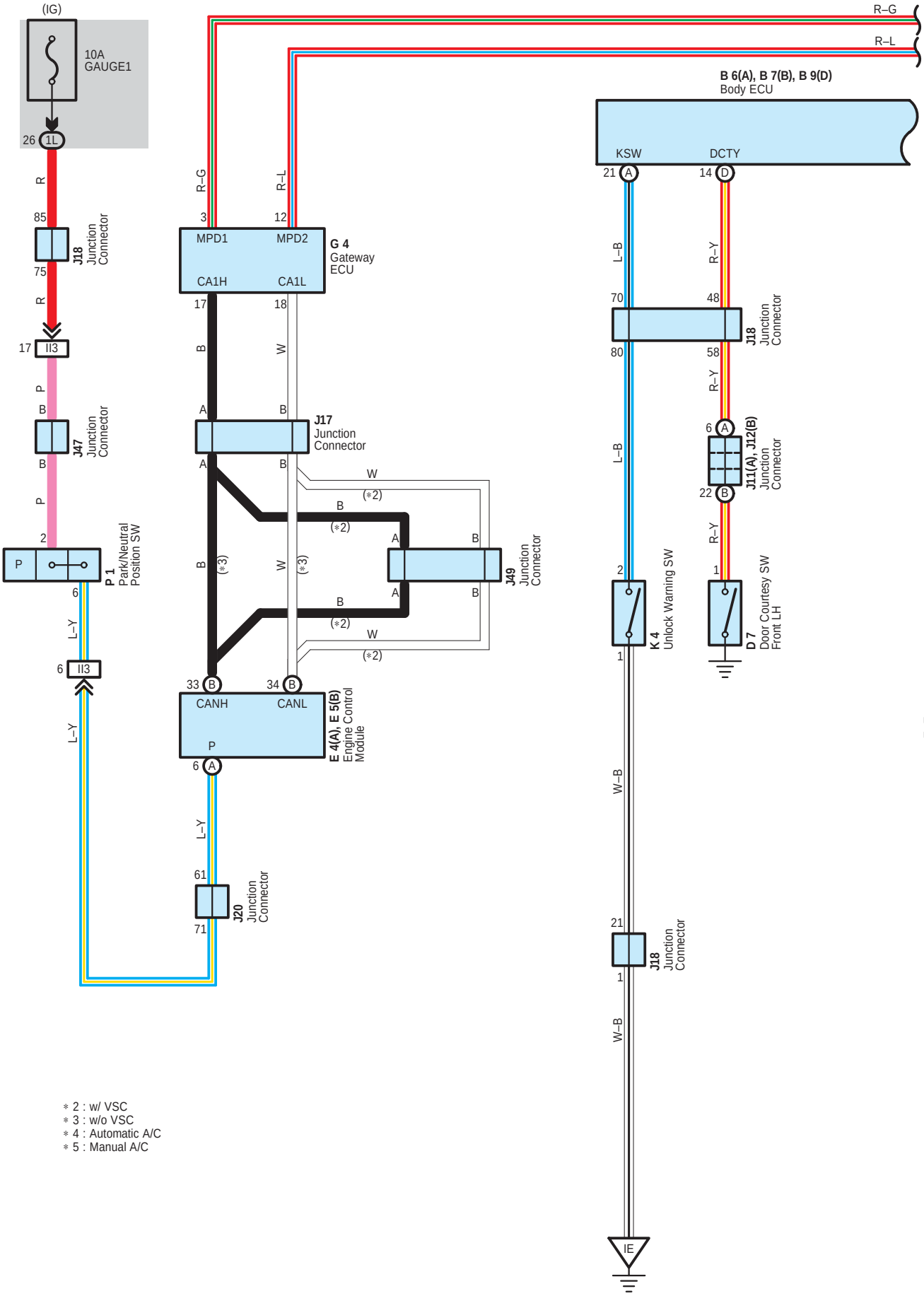
○ : **Parts Location**

Code	See Page	Code	See Page	Code	See Page
C13	39	H10	36	H11	36

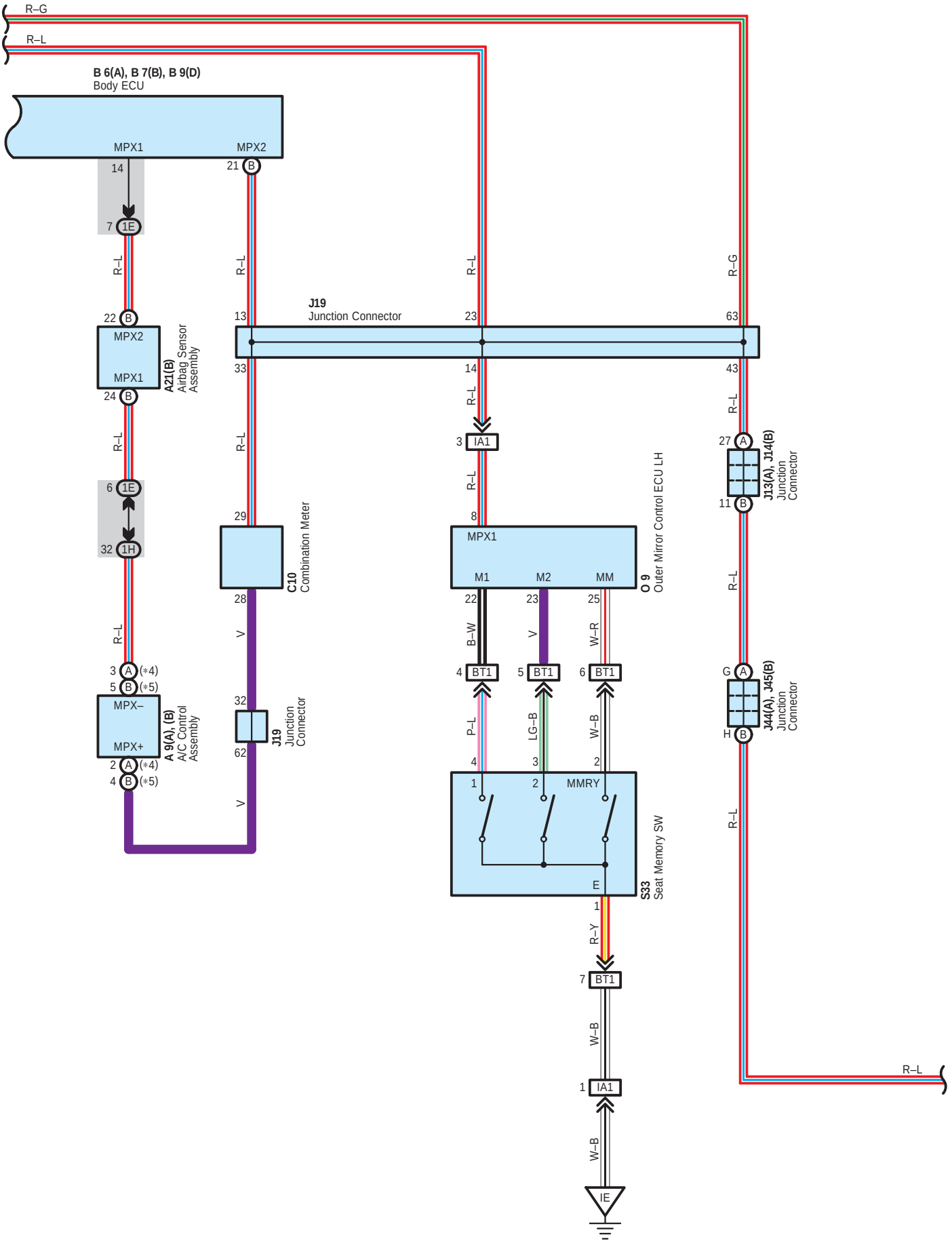
: **Junction Block and Wire Harness Connector**

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1H	30	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
2F	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2H		

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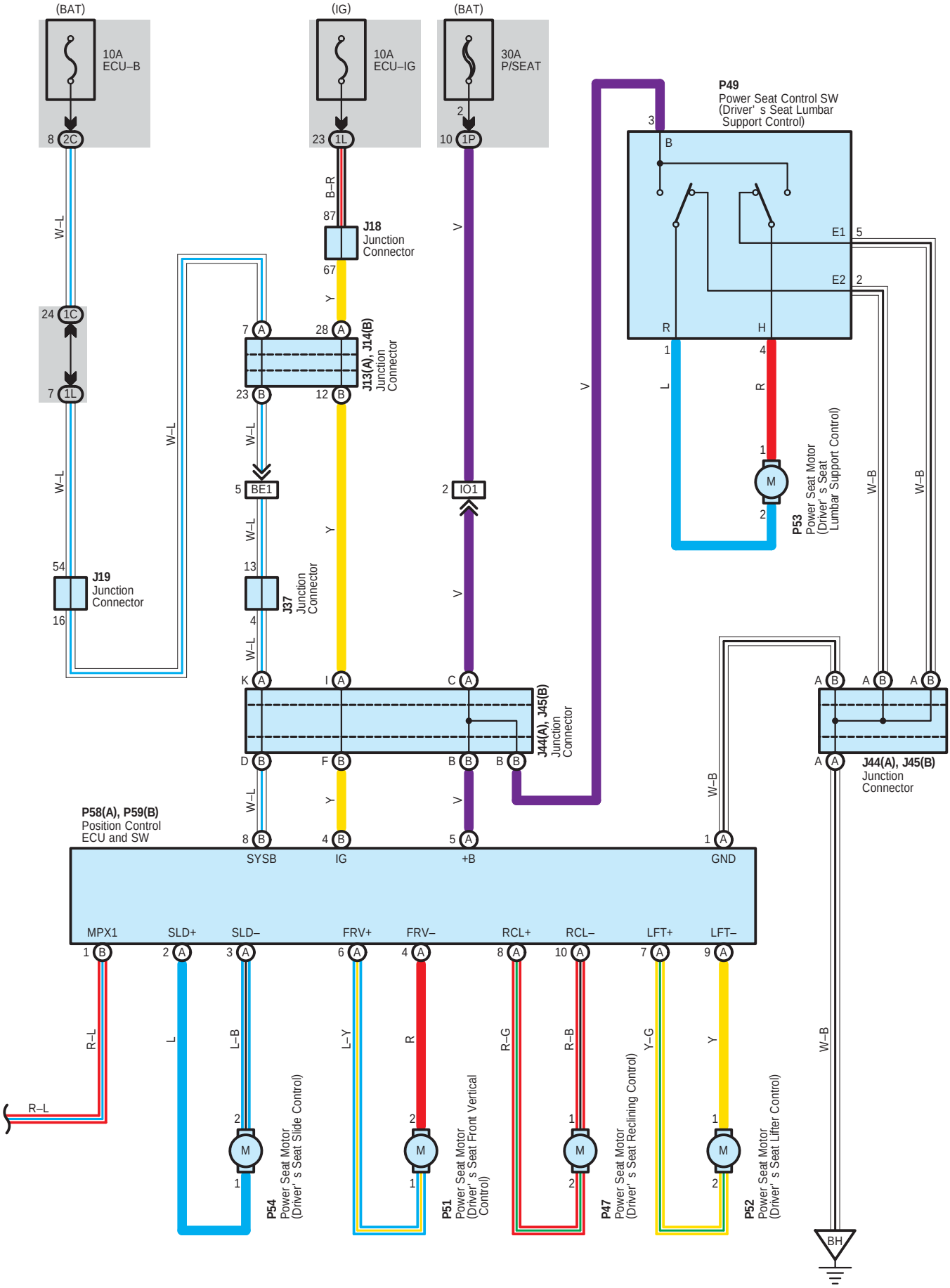


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Power Seat for Driver's Seat with Memory



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System Outline

* In the power seat system, the position control ECU and SW receives the operation signal from the control switch via infrared communication to operate each power seat motor and adjust the seat position.
* In the event that a malfunction occurs during infrared communication, this system has a fail–safe function to only slide or recline the seat.
* This system has the following function:
  * Manual slide operation
  * Manual reclining control
  * Manual front vertical control
  * Manual lifter operation
  * Driving position memory function

: Parts Location

Code	See Page	Code	See Page	Code	See Page
A9 A	38	J12 B	40	K4	40
A9 B	38	J13 A	40	O9	43
A21 B	38	J14 B	40	P1	37
B6 A	38	J17	40	P47	46 (*1)
B7 B	38	J18	40	P49	46 (*1)
B9 D	38	J19	40	P51	46 (*1)
C10	39	J20	40	P52	46 (*1)
D7	42	J37	43	P53	46 (*1)
E4 A	39	J44 A	46 (*1)	P54	46 (*1)
E5 B	39	J45 B	46 (*1)	P58 A	46
G4	39	J47	40	P59 B	46
J11 A	40	J49	40	S33	45

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1E	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1H	30	
1L	31	
1P	31	Floor No.1 Wire and Driver Side J/B (Lower Finish Panel)
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

: Connector Joining Wire Harness and Wire Harness

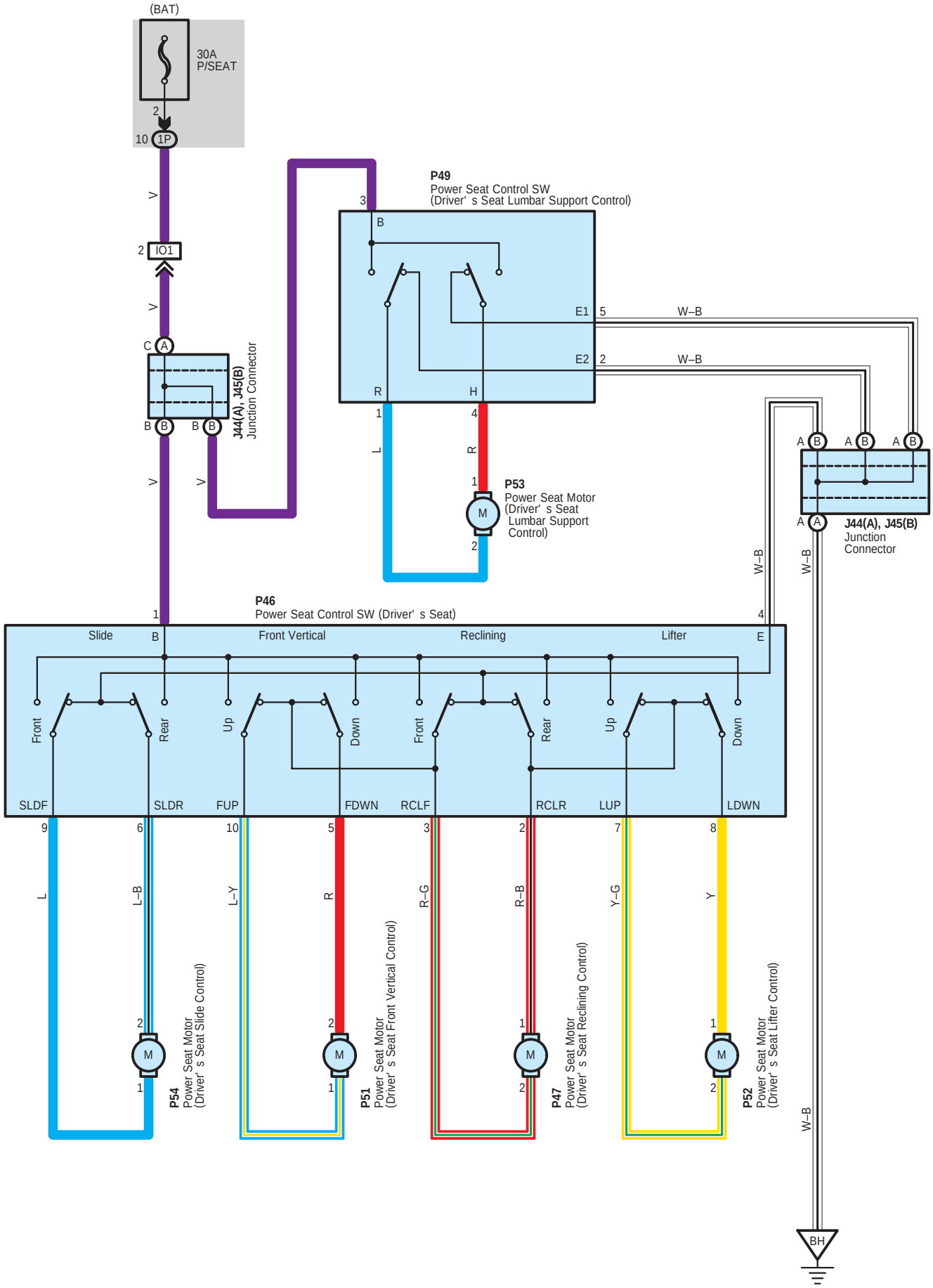
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	52	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
II3	53	Engine Wire and Instrument Panel Wire (Right Kick Panel)
IO1	53	Floor No.1 Wire and Floor No.1 Wire (Left Kick Panel)
BE1	54	Floor No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)
BT1	55	Front Door LH Wire and Courtesy Lamp Switch Wire Assembly (Inside Front Door Trim LH)

: Ground Points

Code	See Page	Ground Points Location
IE	52	Left Kick Panel
BH	54	Under the Left Center Pillar

* 1 : Front Seat w/ Power Seat * 2 : Front Seat w/o Power Seat * 3 : Rear No.2 Seat

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○ : Parts Location

Code		See Page	Code	See Page	Code	See Page
J44	A	46 (*1)	P47	46 (*1)	P52	46 (*1)
J45	B	46 (*1)	P49	46 (*1)	P53	46 (*1)
P46		46 (*1)	P51	46 (*1)	P54	46 (*1)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1P	31	Floor No.1 Wire and Driver Side J/B (Lower Finish Panel)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IO1	53	Floor No.1 Wire and Floor No.1 Wire (Left Kick Panel)

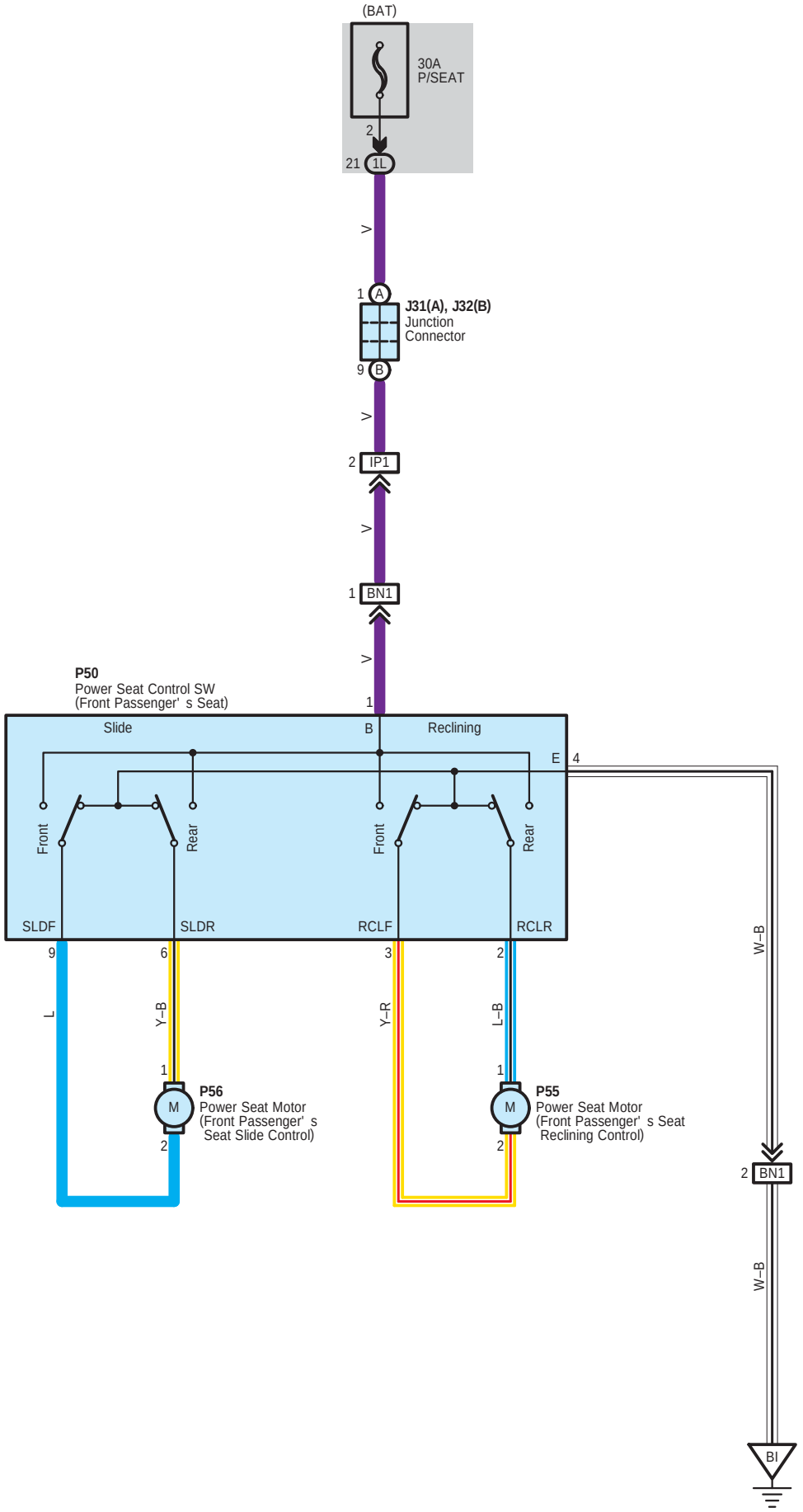
▽ : Ground Points

Code	See Page	Ground Points Location
BH	54	Under the Left Center Pillar

* 1 : Front Seat w/ Power Seat * 2 : Front Seat w/o Power Seat * 3 : Rear No.2 Seat

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Power Seat for Front Passenger's Seat



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: Parts Location

Code		See Page	Code	See Page	Code	See Page
J31	A	40	P50	46 (*1)	P56	46 (*1)
J32	B	40	P55	46 (*1)		

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1L	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IP1	53	Floor No.2 Wire and Floor No.2 Wire (Right Kick Panel)
BN1	56 (*1)	Floor No.2 Wire and Seat No.1 Wire (Under the Front Passenger's Seat)

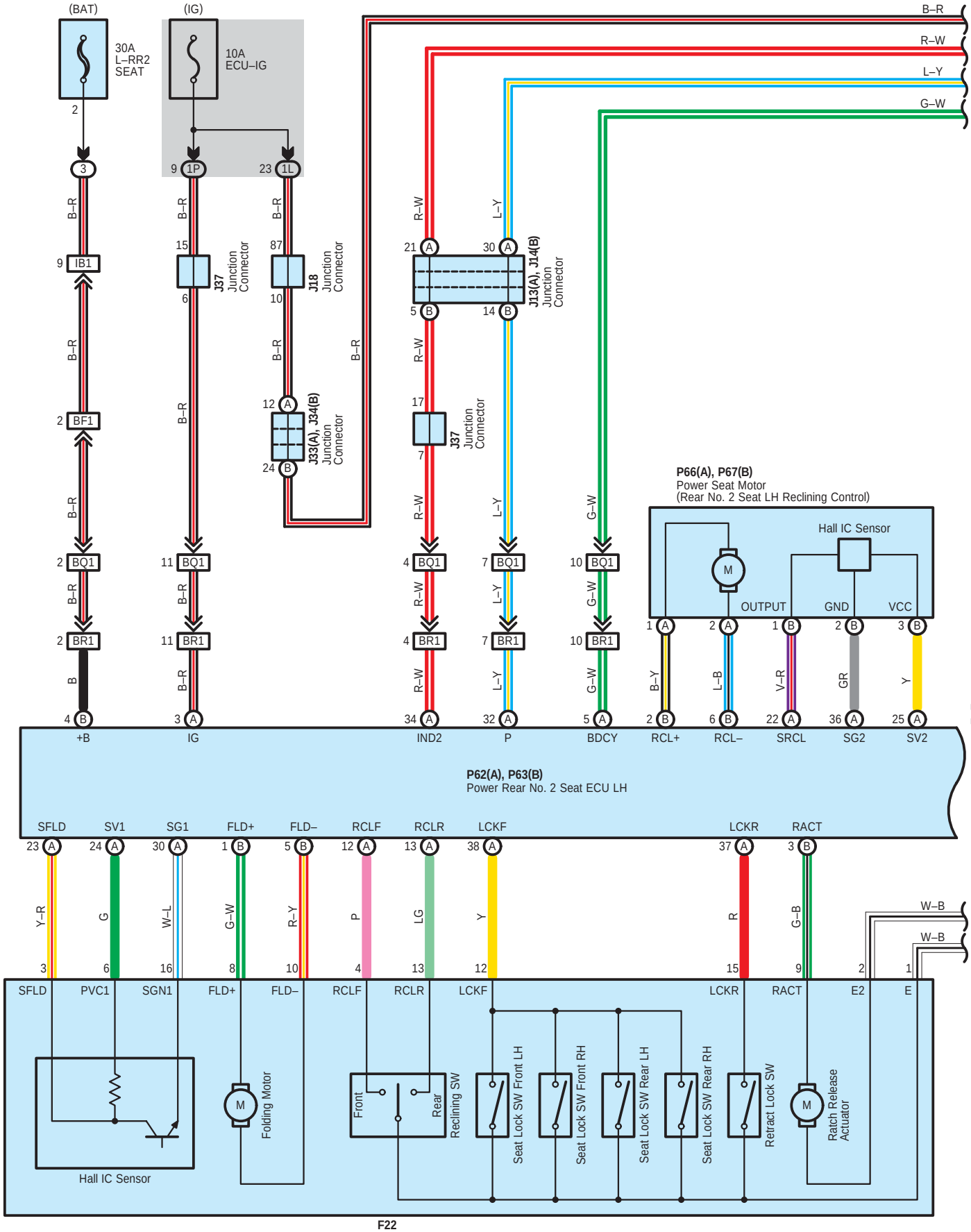
: Ground Points

Code	See Page	Ground Points Location
BI	54	Under the Right Center Pillar

* 1 : Front Seat w/ Power Seat * 2 : Front Seat w/o Power Seat * 3 : Rear No.2 Seat

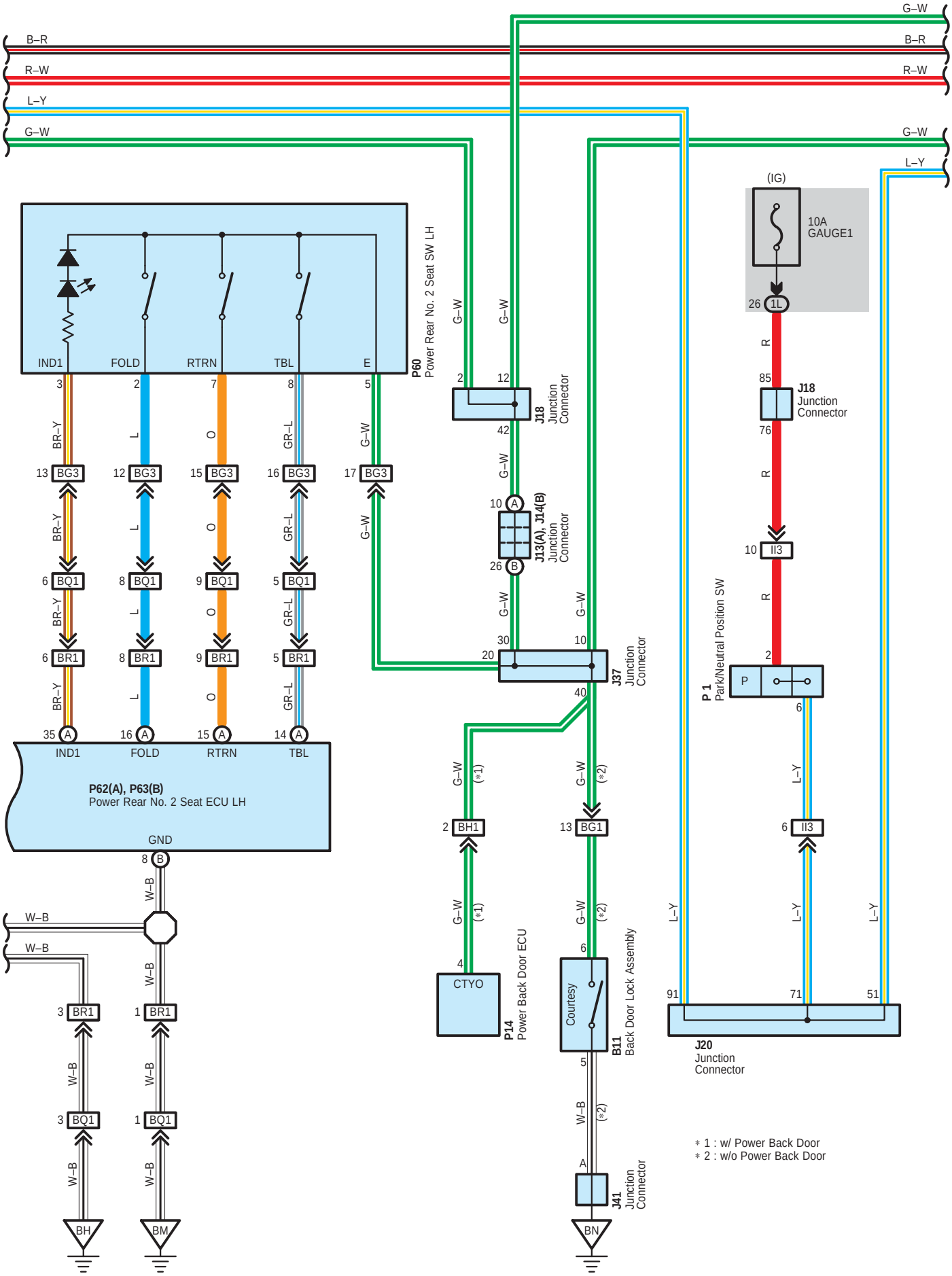
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Power Rear No.2 Seat with Stowing Function



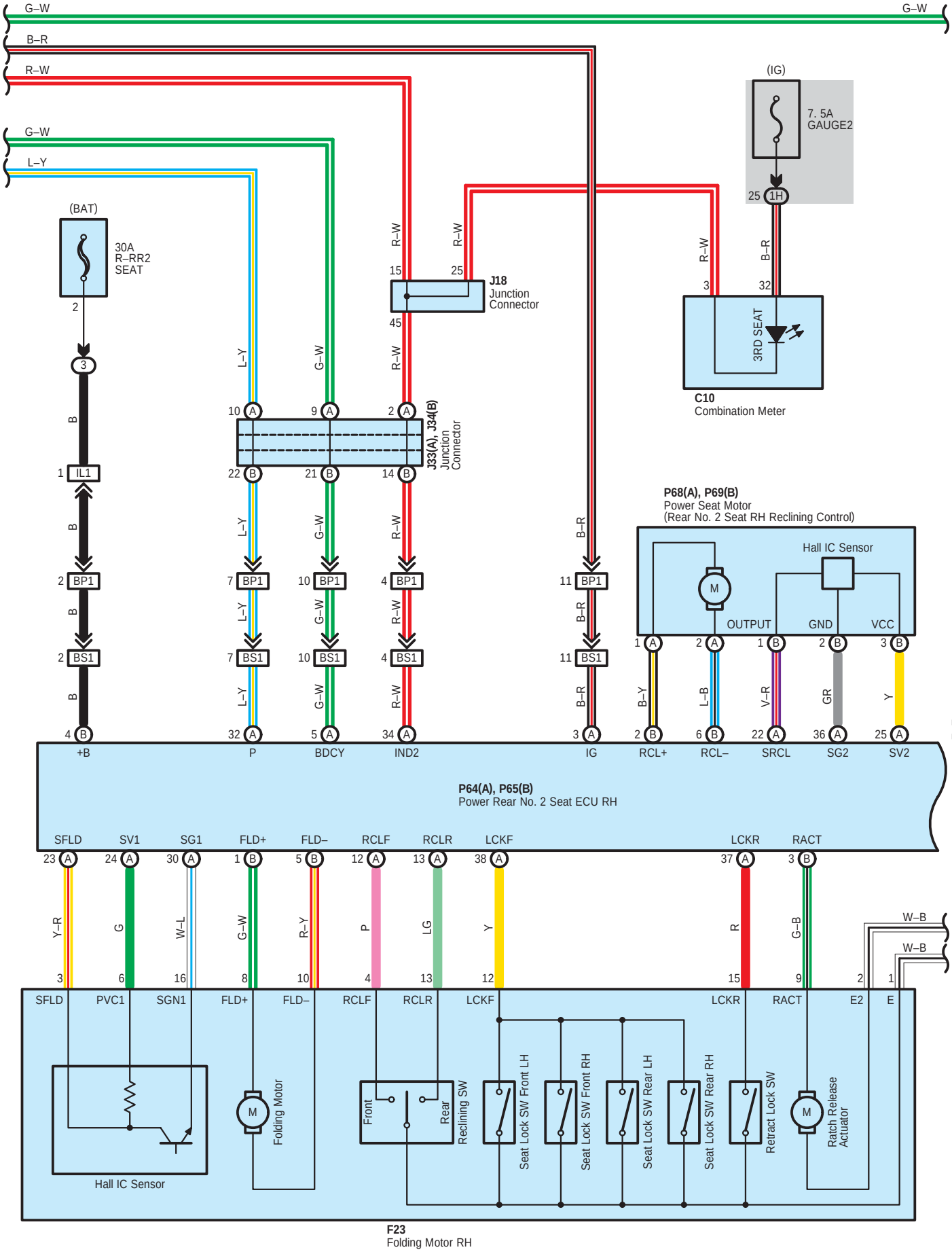
F22
Folding Motor LH

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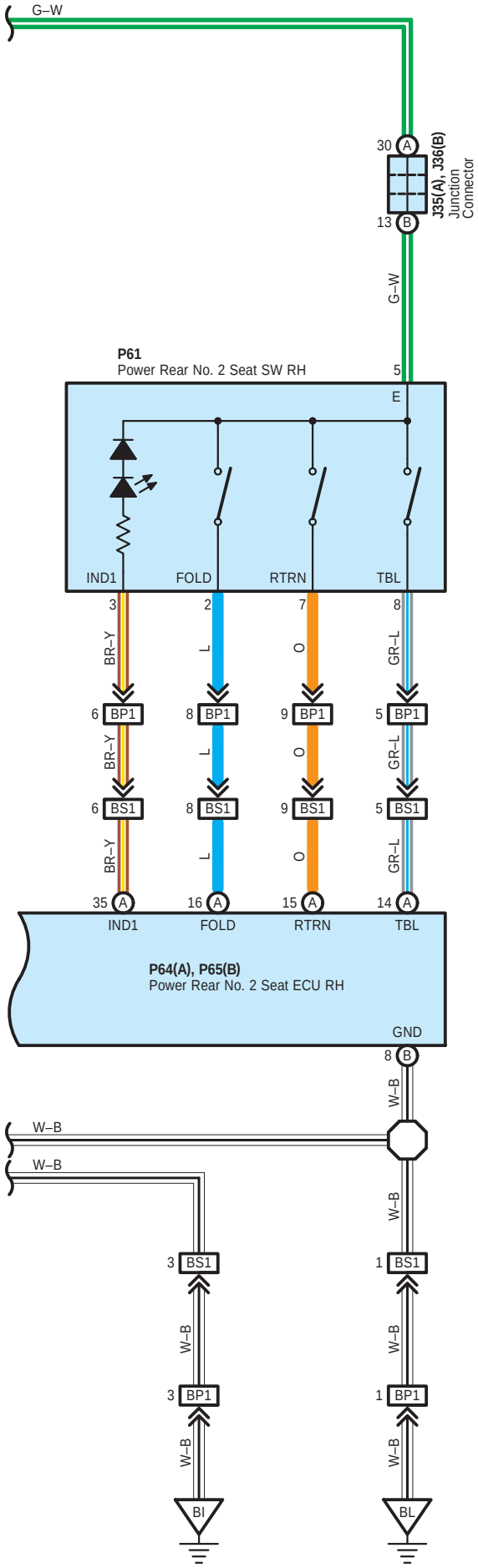


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Power Rear No.2 Seat with Stowing Function



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Power Rear No.2 Seat with Stowing Function

System Outline

The power rear No.2 seat with stowing function system allows the rear No.2 seat to be folded and unfolded electrically by switch operation. The system is installed on both the left and right sides and the two operate independently.

: Parts Location

Code	See Page	Code	See Page	Code	See Page
B11	42	J34 B	40	P62 A	48 (*3)
C10	39	J35 A	40	P63 B	48 (*3)
F22	48 (*3)	J36 B	40	P64 A	48 (*3)
F23	48 (*3)	J37	43	P65 B	48 (*3)
J13 A	40	J41	43	P66 A	48 (*3)
J14 B	40	P1	37	P67 B	48 (*3)
J18	40	P14	44	P68 A	48 (*3)
J20	40	P60	44	P69 B	48 (*3)
J33 A	40	P61	44		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
3	26	R/B No.3 (Engine Compartment Left)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1H	30	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1L	31	
1P	31	Floor No.1 Wire and Driver Side J/B (Lower Finish Panel)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	52	Engine Room Main Wire and Floor No.1 Wire (Left Cowl Side Panel)
II3	53	Engine Wire and Instrument Panel Wire (Right Kick Panel)
IL1	53	Engine Room Main Wire and Floor No.2 Wire (Right Kick Panel)
BF1	54	Floor No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)
BG1	55	Back Door No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)
BG3		
BH1	55	Floor No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)
BP1	55	Floor No.4 Wire and Floor No.2 Wire (Right Rear Quarter Panel)
BQ1	55	Floor No.5 Wire and Floor No.1 Wire (Left Rear Quarter Panel)
BR1	55	Rear Seat LH Wire and Floor No.5 Wire (Under the Third Seat LH)
BS1	55	Rear Seat RH Wire and Floor No.4 Wire (Under the Third Seat RH)

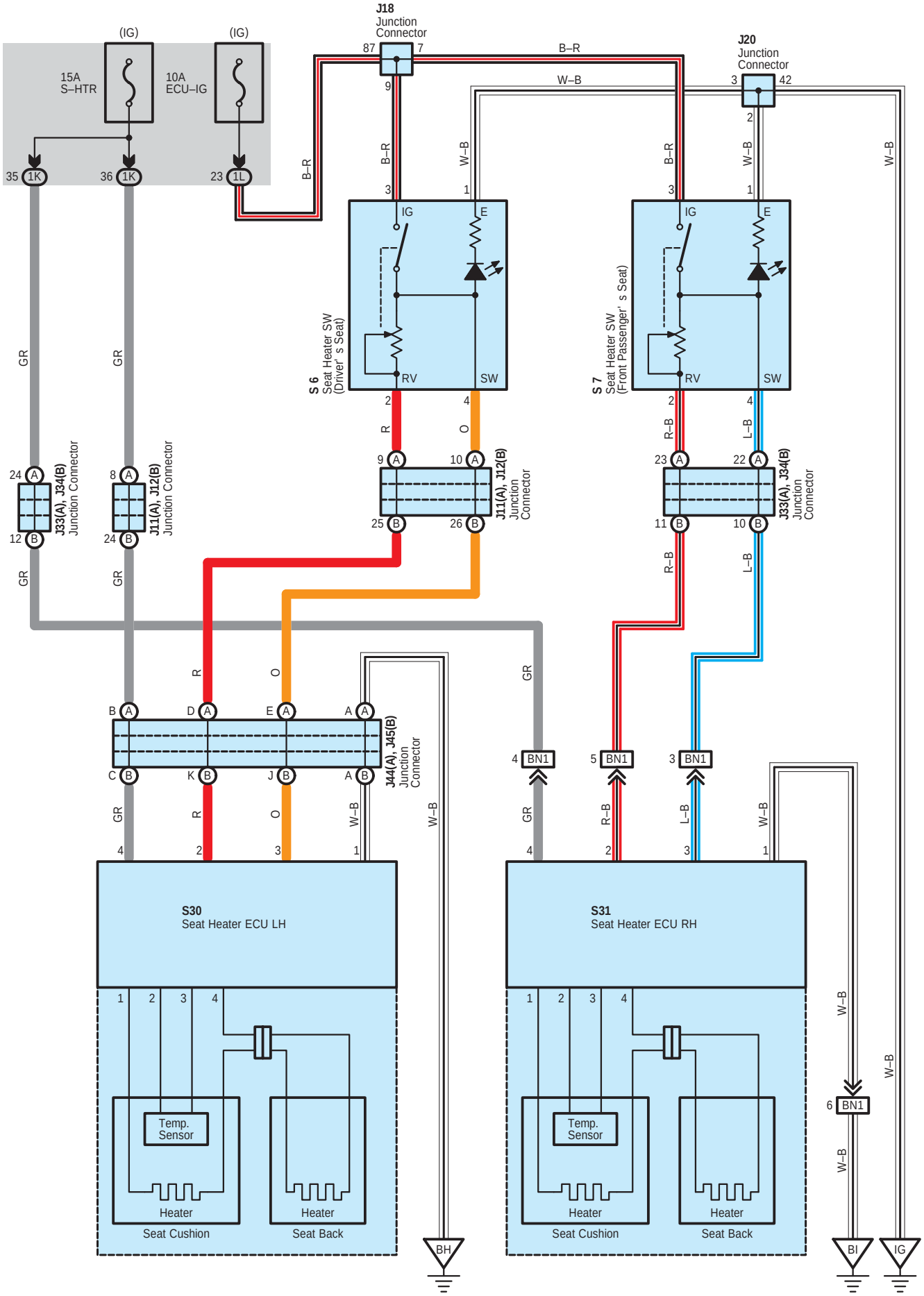
: Ground Points

Code	See Page	Ground Points Location
BH	54	Under the Left Center Pillar
BI	54	Under the Right Center Pillar
BL	54	Right Rear Quarter Panel
BM	54	Left Rear Quarter Panel
BN	54	Left Side of the Back Door

* 1 : Front Seat w/ Power Seat * 2 : Front Seat w/o Power Seat * 3 : Rear No.2 Seat

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: Parts Location

Code		See Page	Code		See Page	Code	See Page
J11	A	40	J33	A	40	S6	41
J12	B	40	J34	B	40	S7	41
J18		40	J44	A	46 (*1)	S30	46 (*1)
J20		40	J45	B	46 (*1)	S31	46 (*1)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1K	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1L		

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
BN1	56 (*1)	Floor No.2 Wire and Seat No.1 Wire (Under the Front Passenger's Seat)

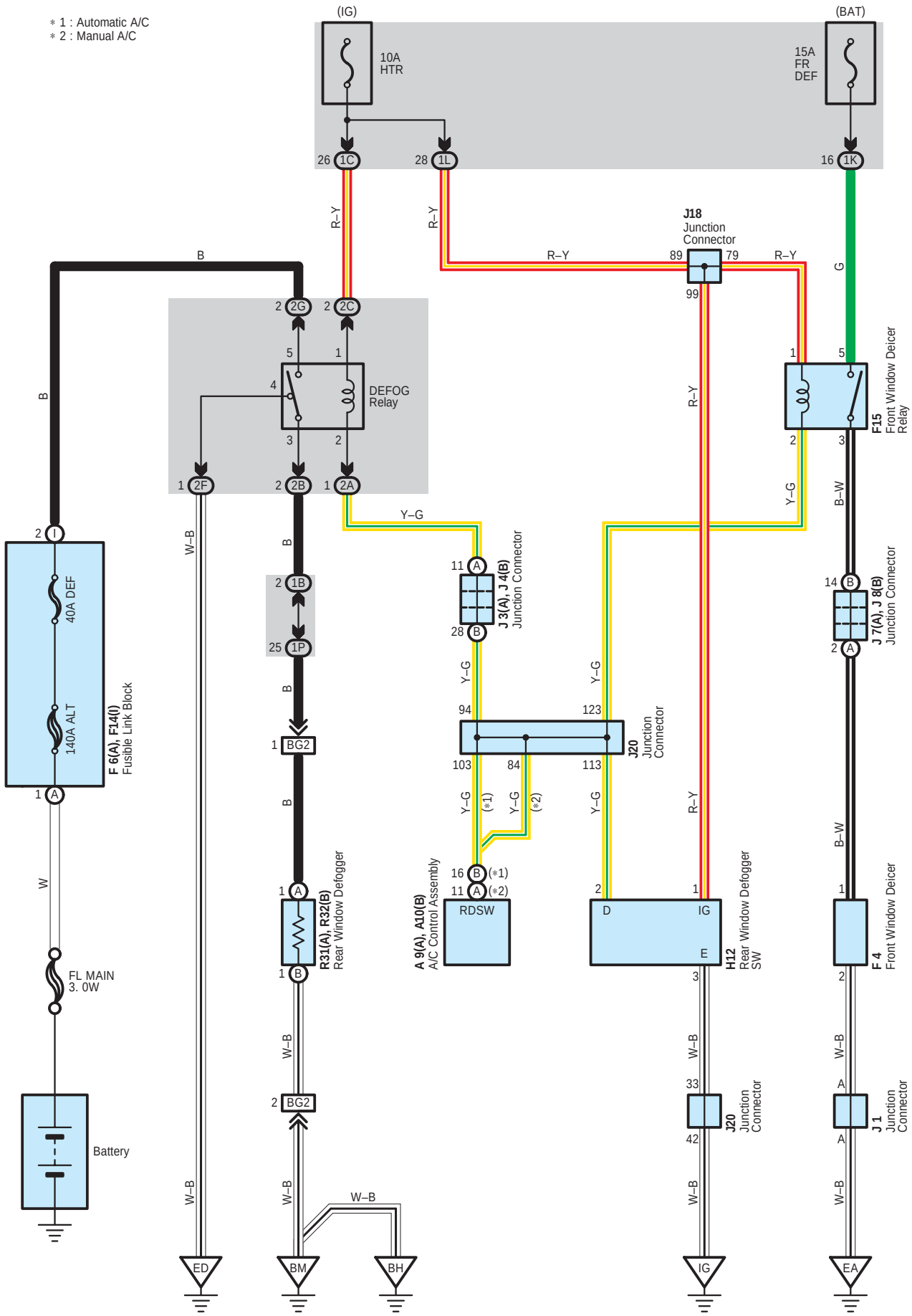
: Ground Points

Code	See Page	Ground Points Location
IG	52	Right Kick Panel
BH	54	Under the Left Center Pillar
BI	54	Under the Right Center Pillar

* 1 : Front Seat w/ Power Seat * 2 : Front Seat w/o Power Seat * 3 : Rear No.2 Seat

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Front Window Deicer and Rear Window Defogger



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: Parts Location

Code		See Page	Code		See Page	Code		See Page
A9	A	38	H12		39	J18		40
A10	B	38	J1		37	J20		40
F4		36	J3	A	40	R31	A	45
F6	A	36	J4	B	40	R32	B	45
F14	I	36	J7	A	40			
F15		39	J8	B	40			

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1B	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1C		
1K	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1L		
1P	31	Floor No.1 Wire and Driver Side J/B (Lower Finish Panel)
2A	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2B		
2C		
2F		
2G		

: Connector Joining Wire Harness and Wire Harness

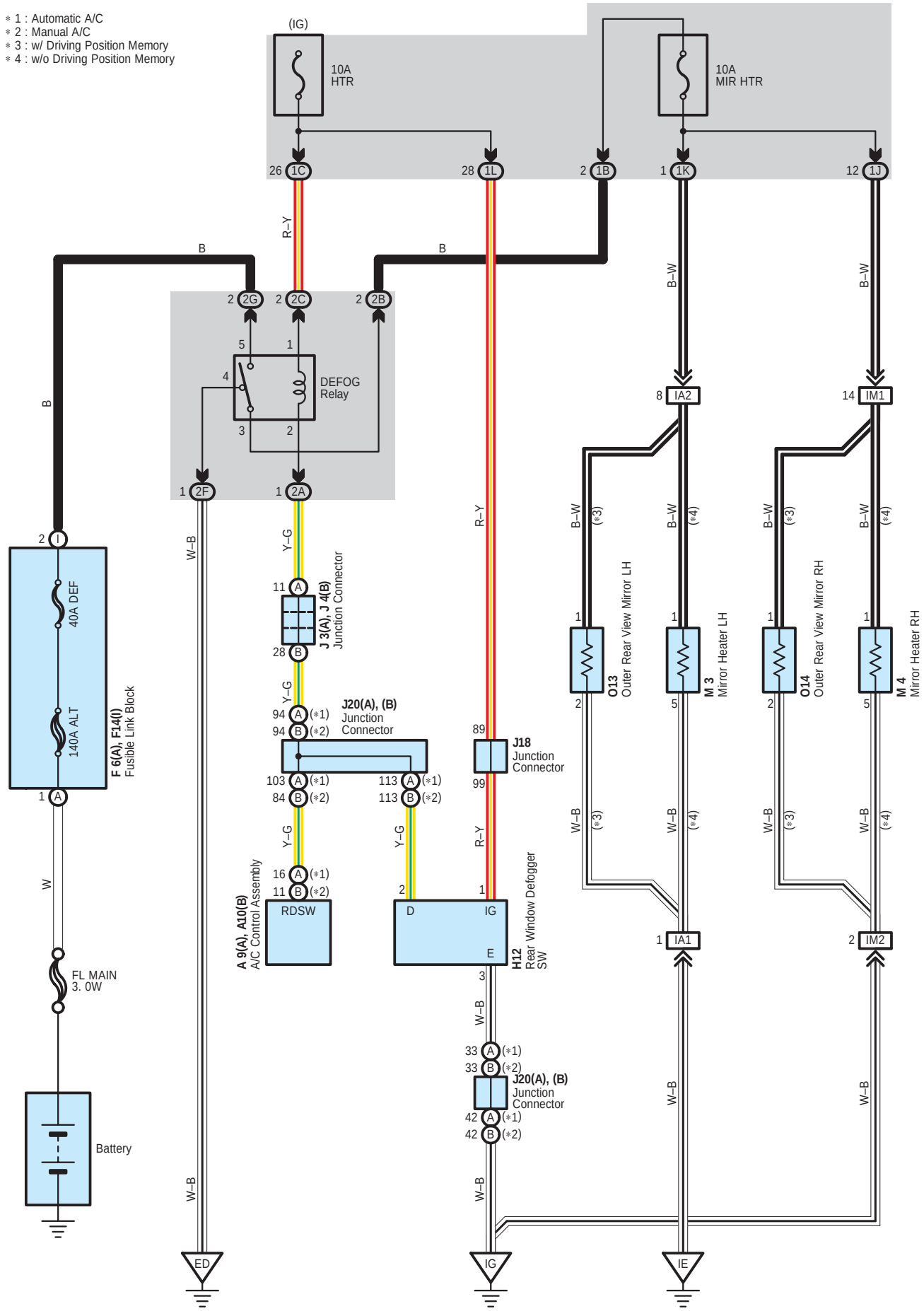
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
BG2	55	Back Door No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)

: Ground Points

Code	See Page	Ground Points Location
EA	50	Front Side of the Right Fender Apron
ED	50	Front Side of the Left Fender Apron
IG	52	Right Kick Panel
BH	54	Under the Left Center Pillar
BM	54	Left Rear Quarter Panel

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Mirror Heater



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: Parts Location

Code		See Page	Code		See Page	Code	See Page
A9	A	38	J3	A	40	M3	43
A10	B	38	J4	B	40	M4	43
F6	A	36	J18		40	O13	43
F14	I	36	J20	A	40	O14	43
H12		39	J20	B	40		

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1B	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1C		
1J	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1K		
1L		
2A	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2B		
2C		
2F		
2G		

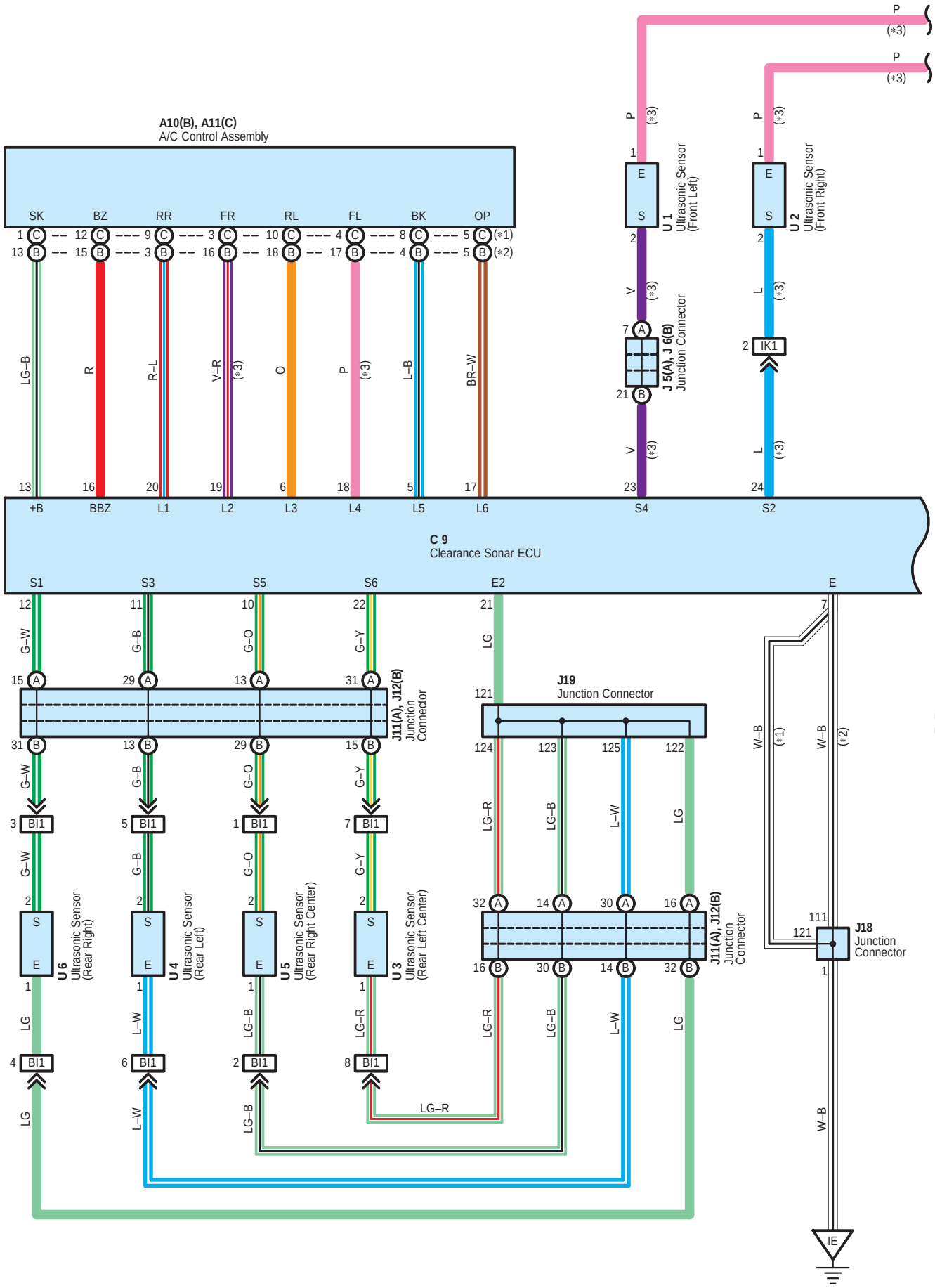
: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	52	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IA2		
IM1	53	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IM2		

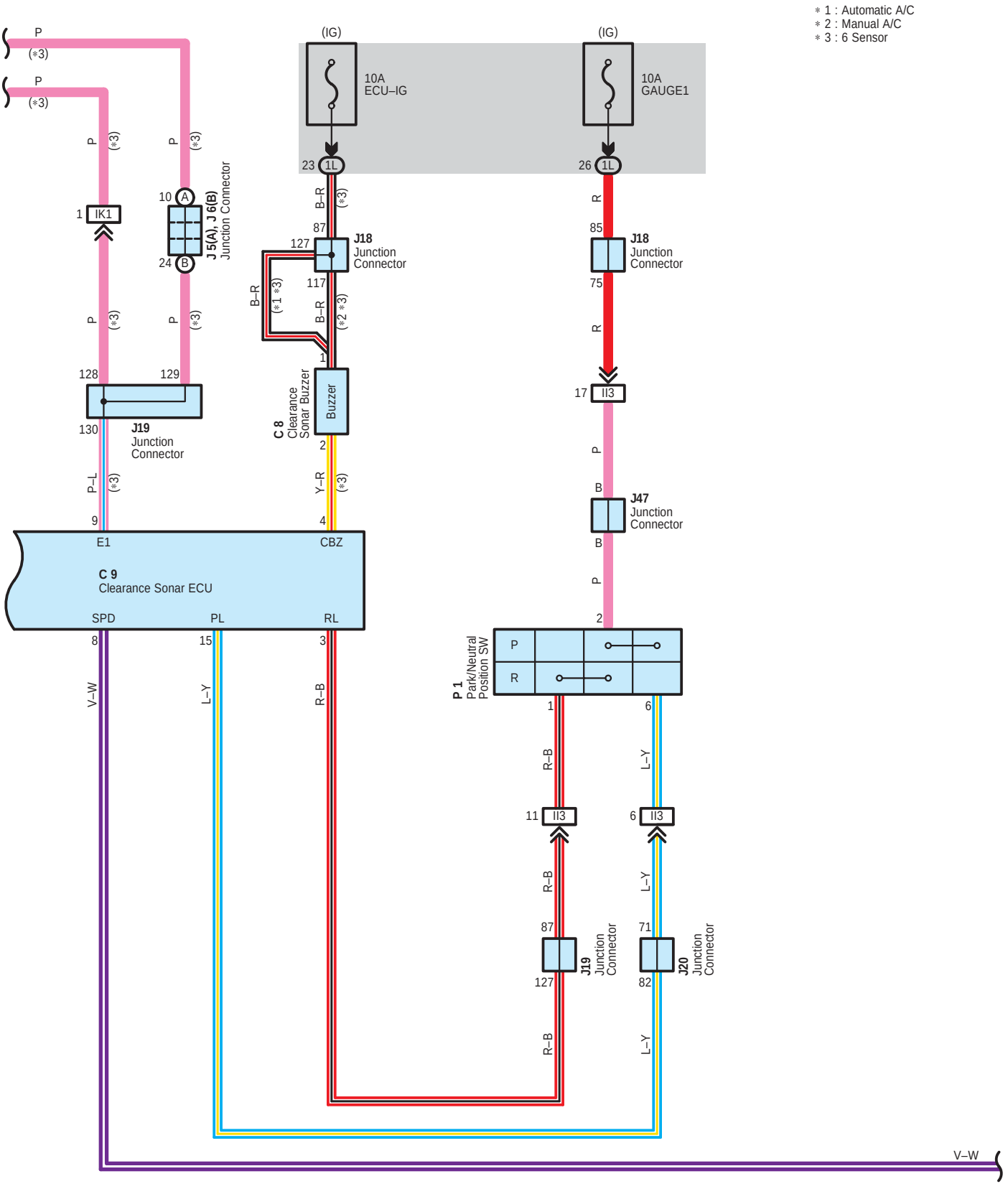
: Ground Points

Code	See Page	Ground Points Location
ED	50	Front Side of the Left Fender Apron
IE	52	Left Kick Panel
IG	52	Right Kick Panel

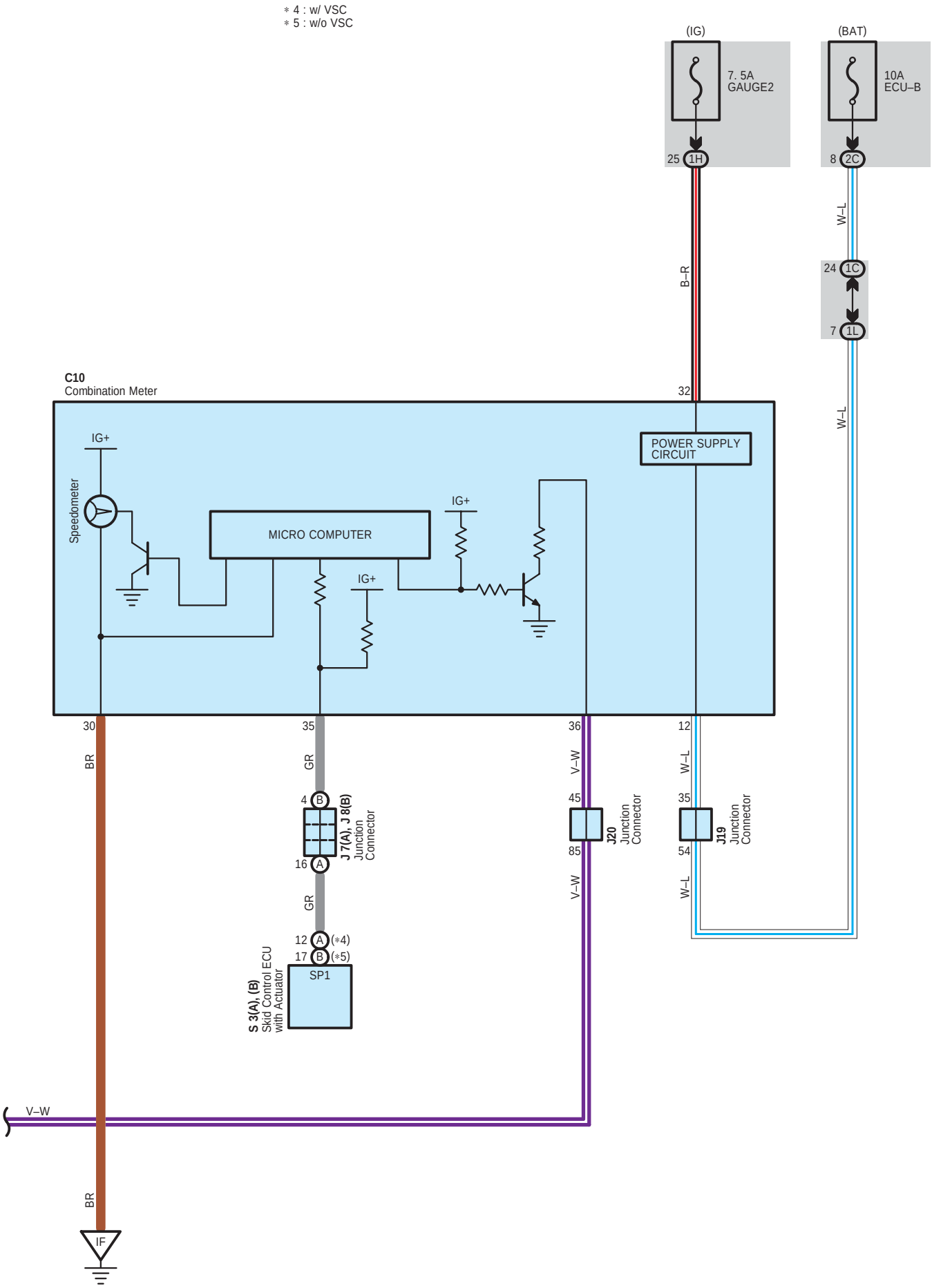
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System Outline

Parking assist (Intuitive parking assist) system uses an ultrasonic sensor equipped with an indicator and beeping alarm to detect obstacles at the corners in front of the vehicle (6 sensor type only) and obstacles at the rear of the vehicle, and provides information to the driver regarding the distance between the sensors and the obstacles and the position of the obstacles.

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
A10 B	38	J8 B	40	S3 A	37
A11 C	38	J11 A	40	S3 B	37
C8	39	J12 B	40	U1	37
C9	39	J18	40	U2	37
C10	39	J19	40	U3	45
J5 A	40	J20	40	U4	45
J6 B	40	J47	40	U5	45
J7 A	40	P1	37	U6	45

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1H	30	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1L	31	
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

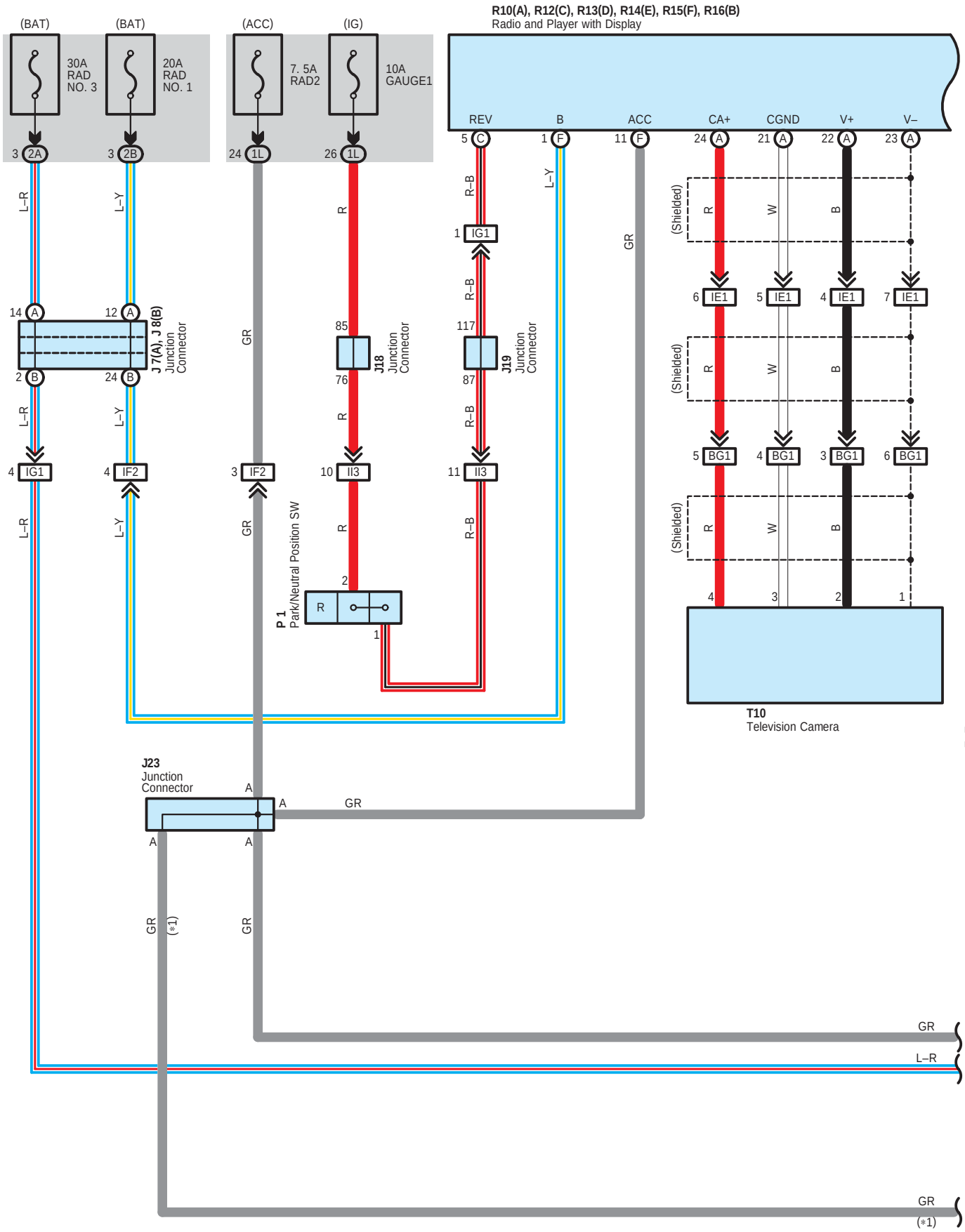
: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
II3	53	Engine Wire and Instrument Panel Wire (Right Kick Panel)
IK1	53	Engine Room Main Wire and Instrument Panel Wire (Right Kick Panel)
BI1	55	Floor No.3 Wire and Floor No.1 Wire (Lower Back Panel)

: Ground Points

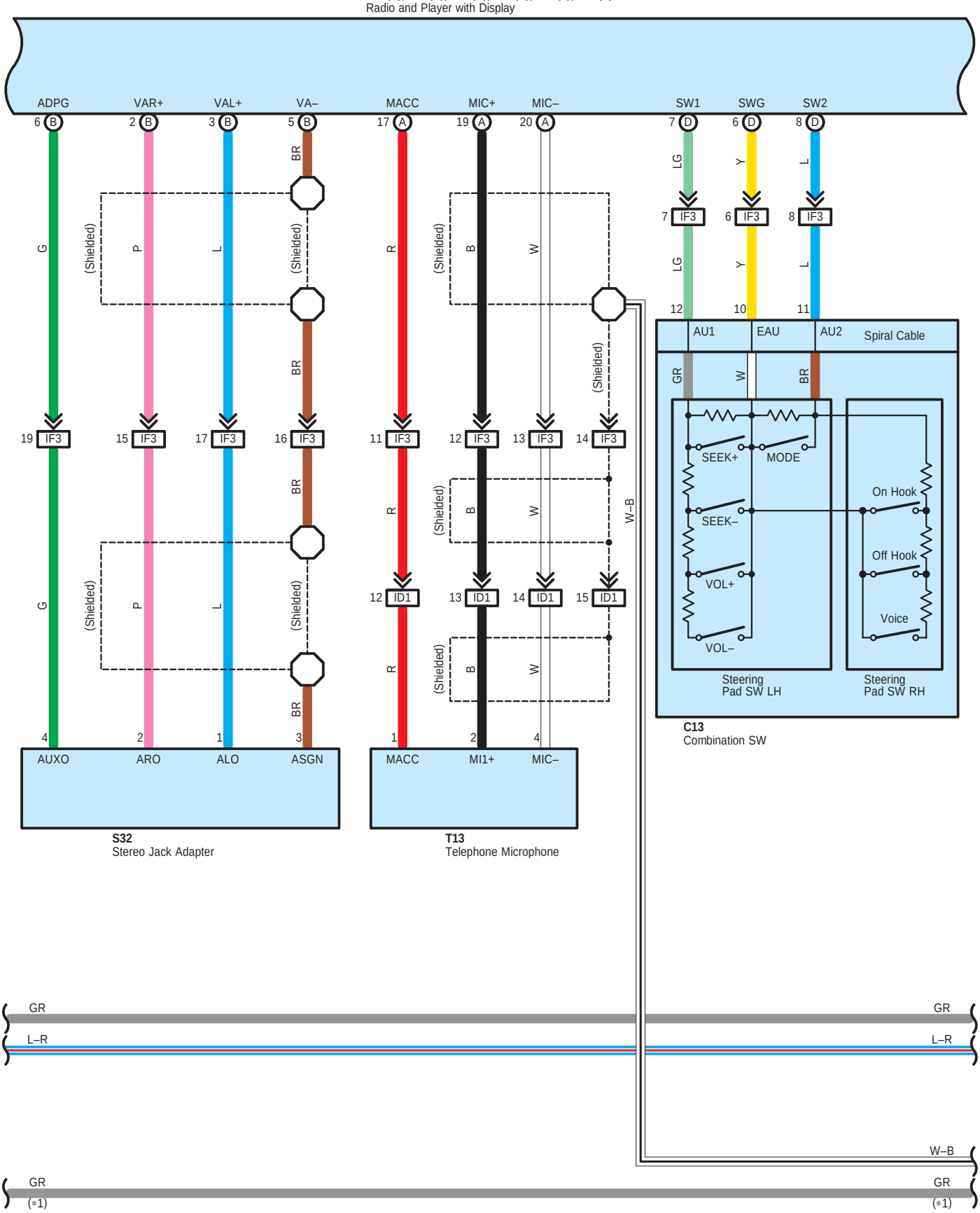
Code	See Page	Ground Points Location
IE	52	Left Kick Panel
IF	52	Instrument Panel Brace LH

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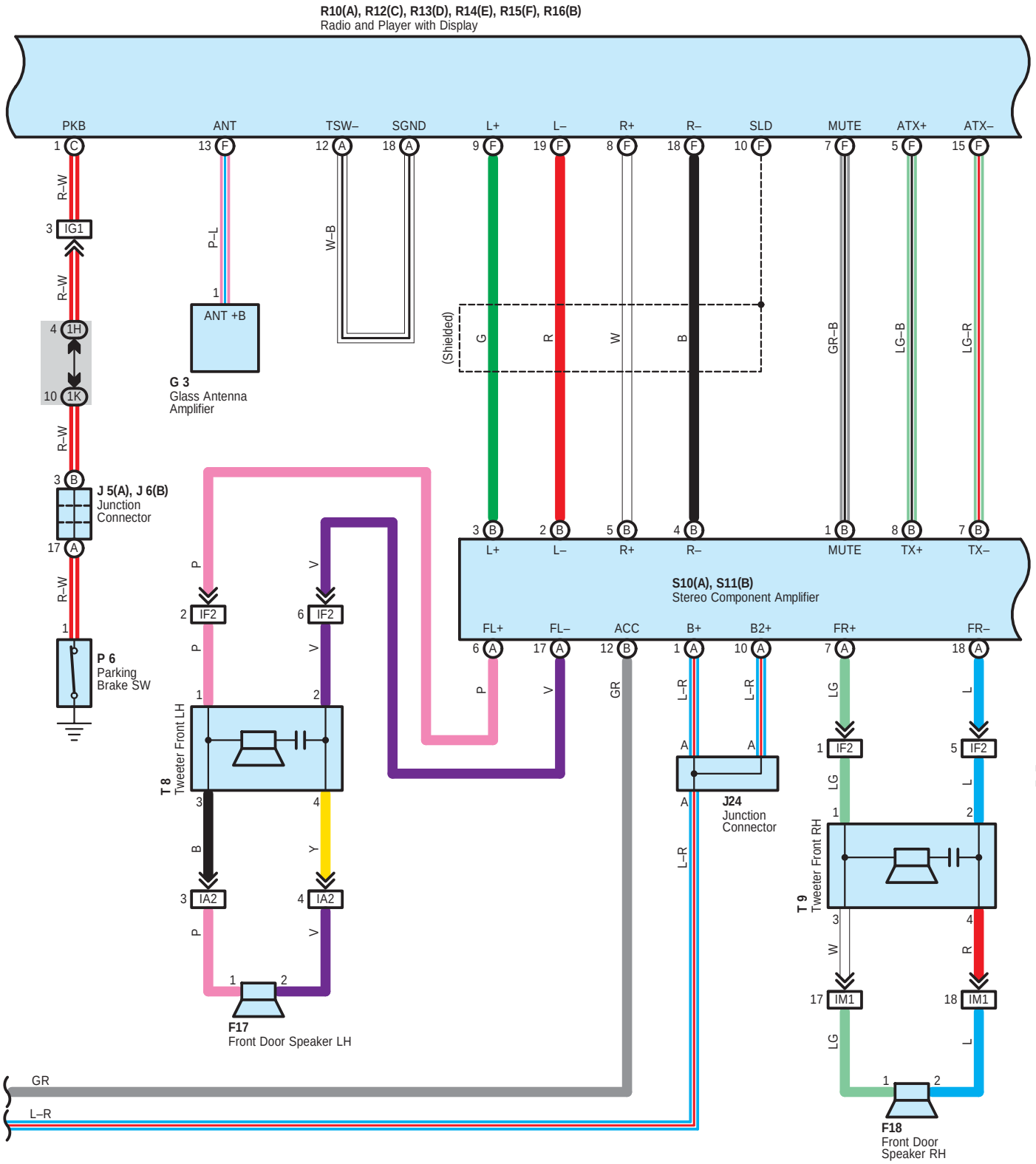
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R10(A), R12(C), R13(D), R14(E), R15(F), R16(B)
Radio and Player with Display



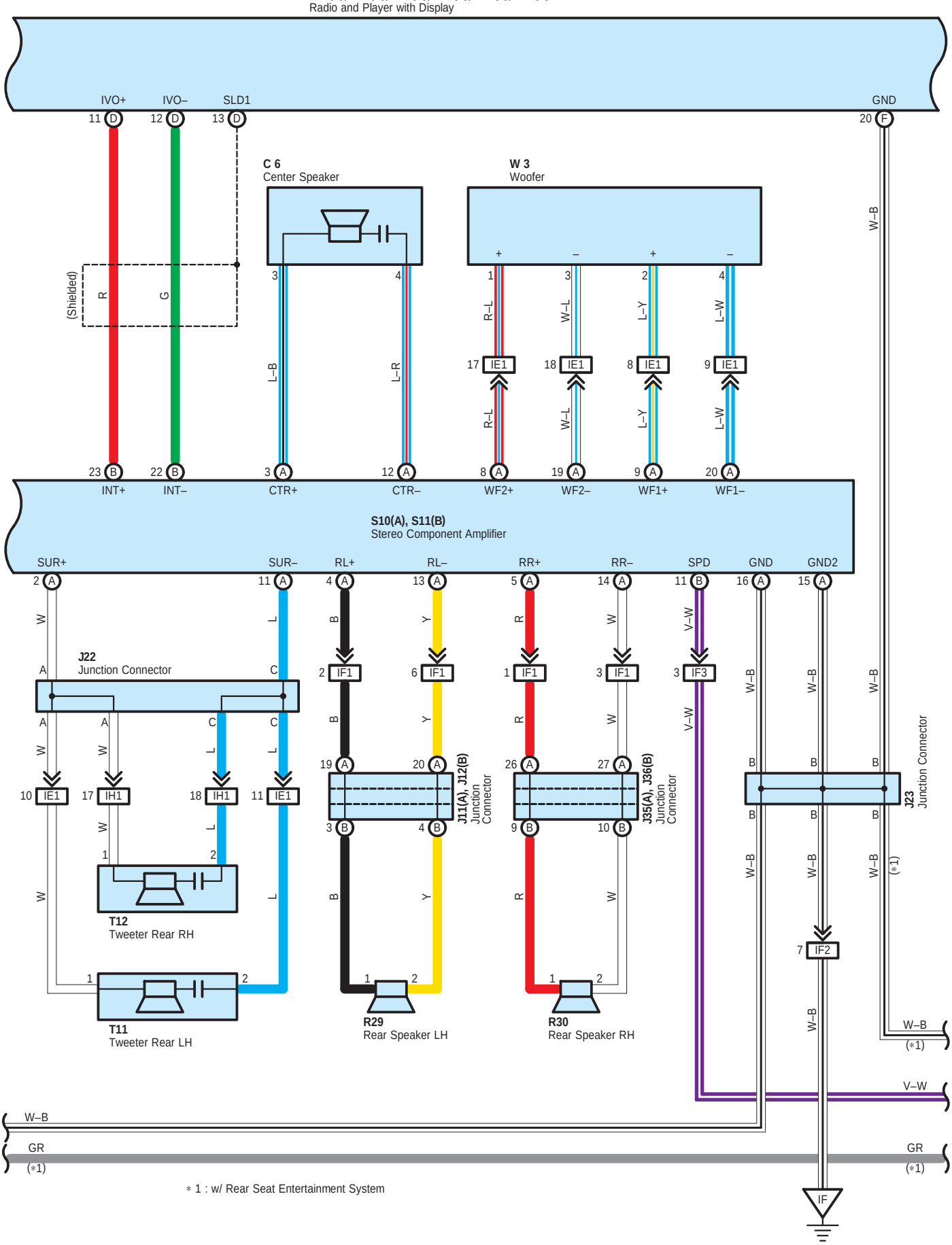
* 1 : w/ Rear Seat Entertainment System

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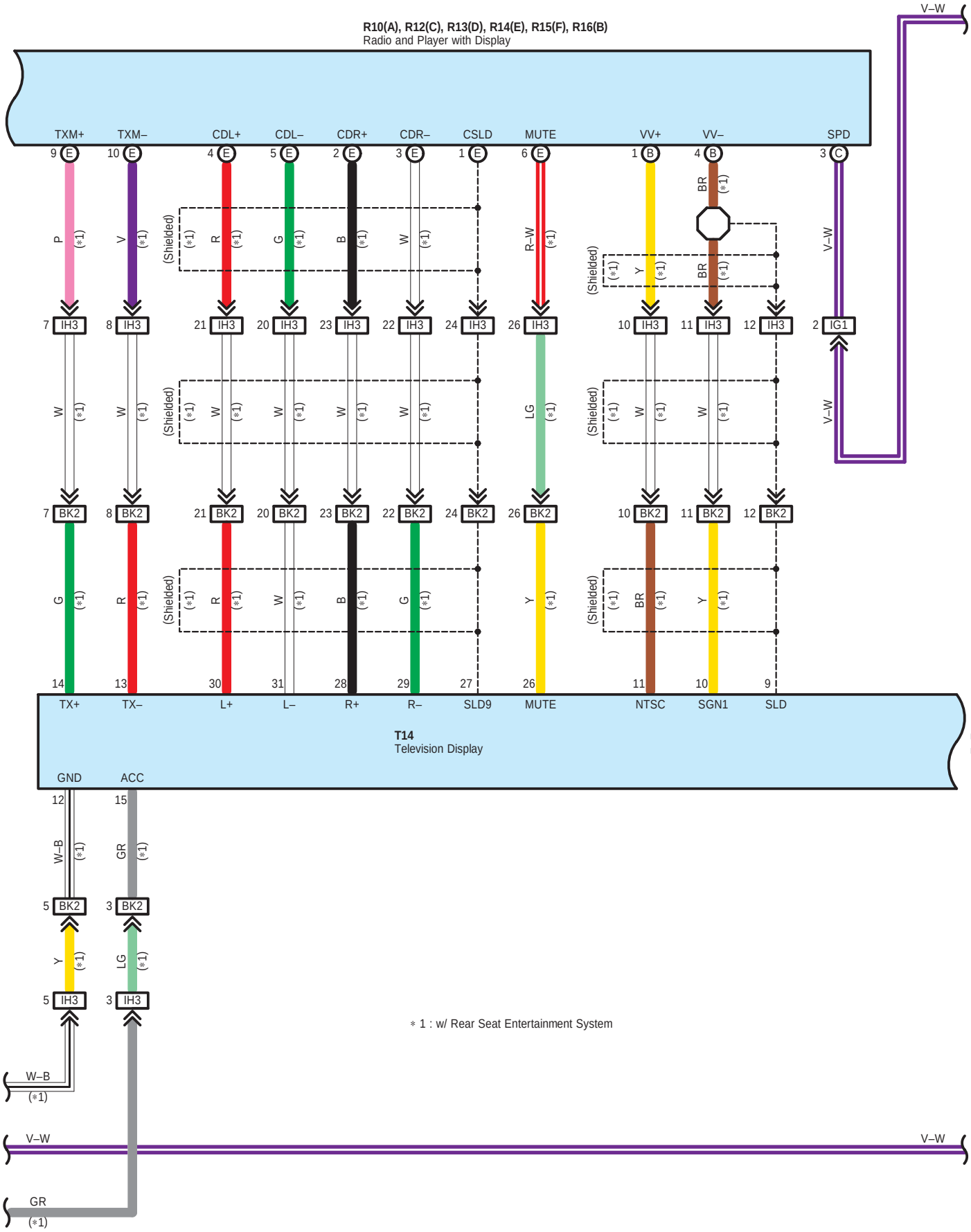
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R10(A), R12(C), R13(D), R14(E), R15(F), R16(B)
Radio and Player with Display

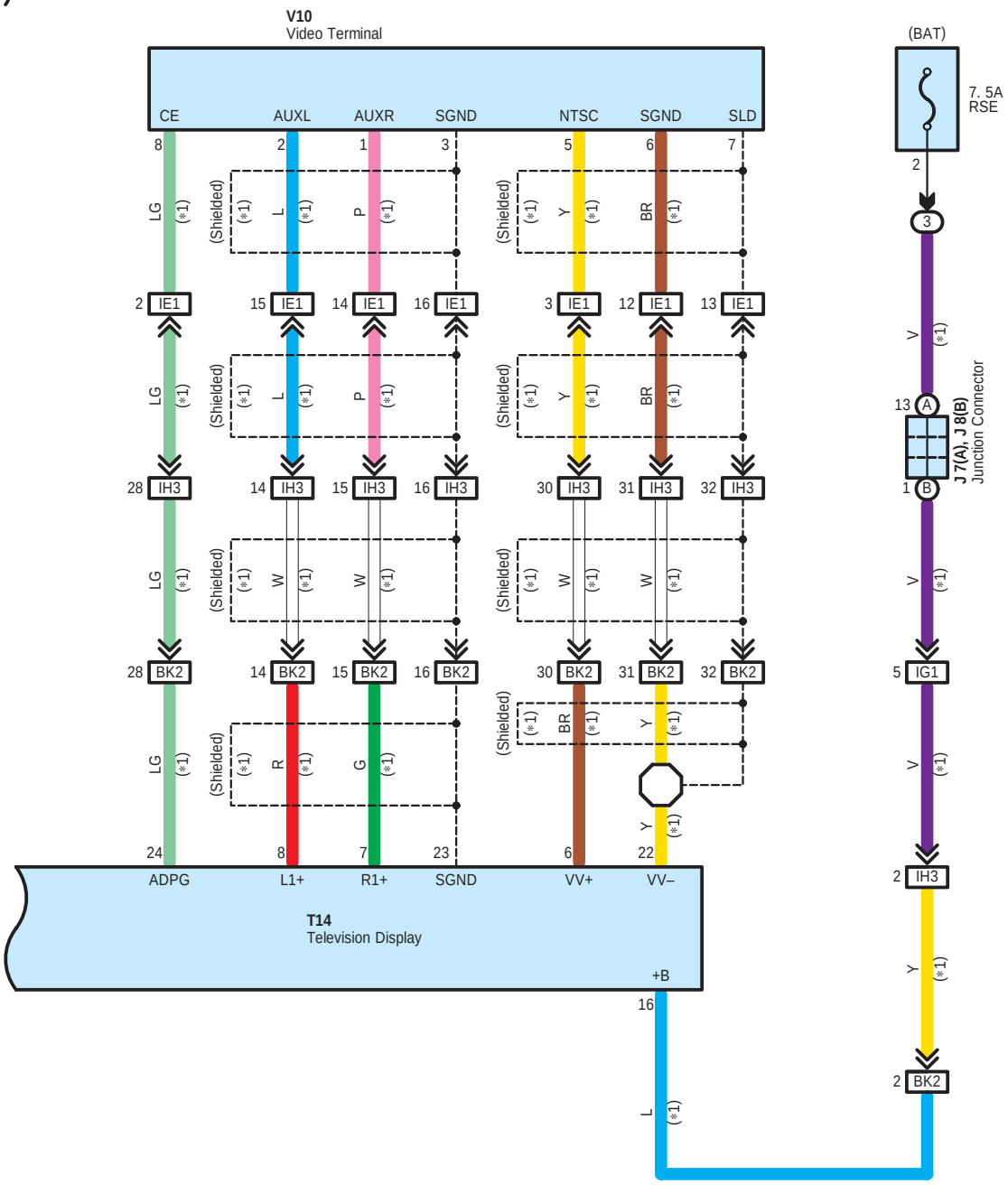


* 1 : w/ Rear Seat Entertainment System

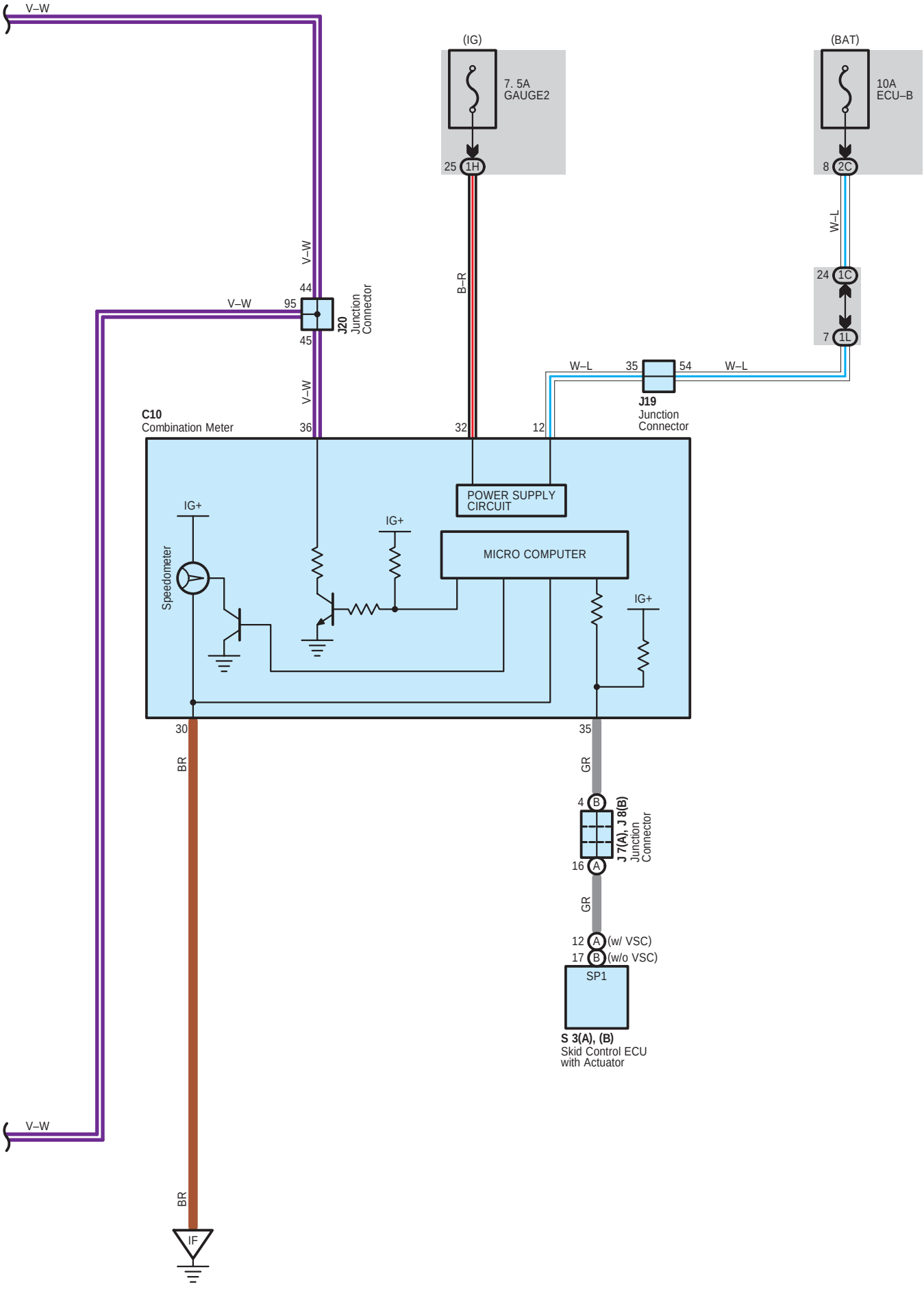
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: Parts Location

Code	See Page	Code	See Page	Code	See Page
C6	39	J22	40	S3 A	37
C10	39	J23	40	S3 B	37
C13	39	J24	40	S10 A	41
F17	42	J35 A	40	S11 B	41
F18	42	J36 B	40	S32	41
G3	39	P1	37	T8	41
J5 A	40	P6	41	T9	41
J6 B	40	R10 A	41	T10	45
J7 A	40	R12 C	41	T11	45
J8 B	40	R13 D	41	T12	45
J11 A	40	R14 E	41	T13	45
J12 B	40	R15 F	41	T14	45
J18	40	R16 B	41	V10	45
J19	40	R29	45	W3	45
J20	40	R30	45		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
3	26	R/B No.3 (Engine Compartment Left)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1H	30	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1K	31	
1L		
2A	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2B		
2C		

: Connector Joining Wire Harness and Wire Harness

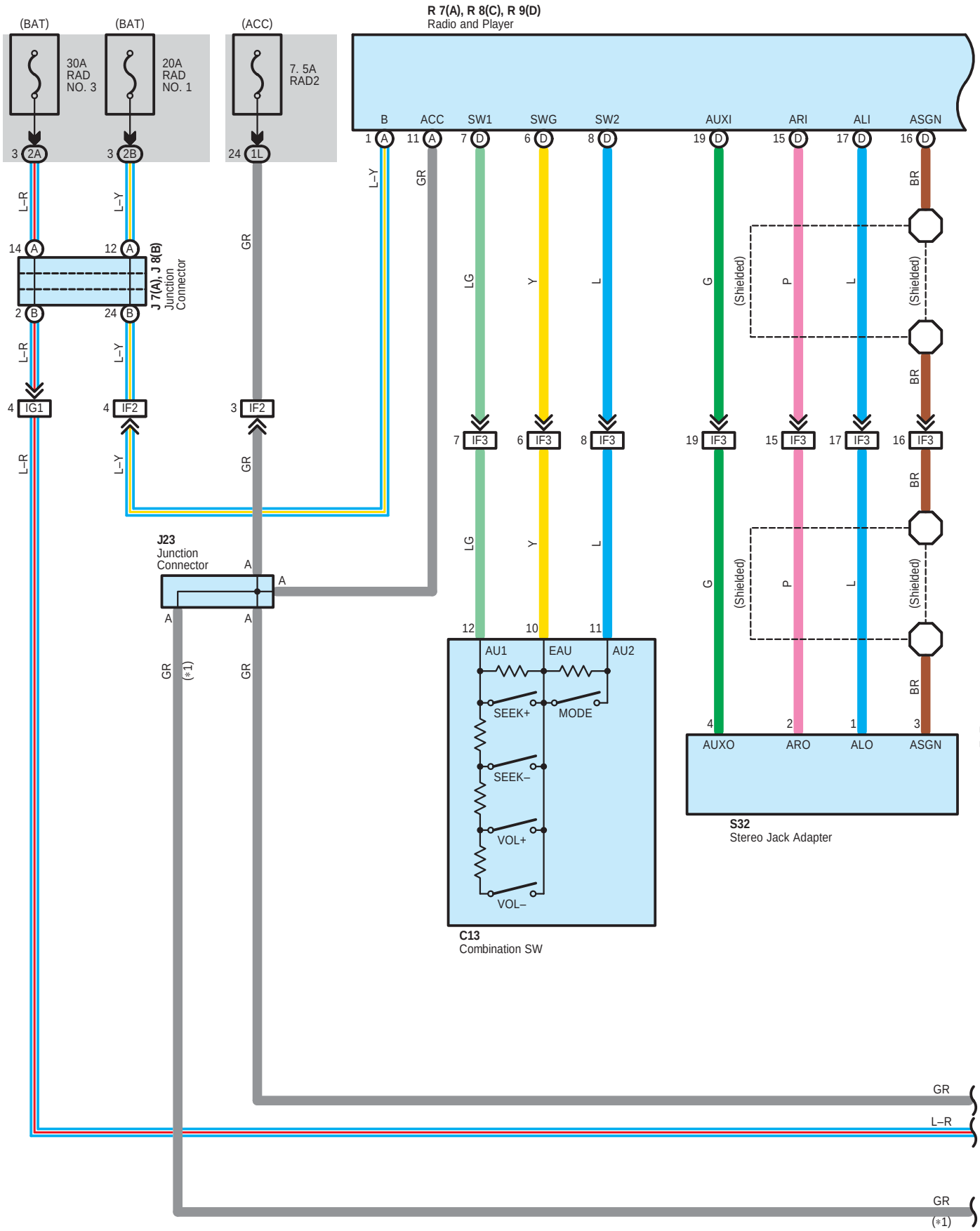
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA2	52	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
ID1	52	Roof Wire and Instrument Panel Wire (Near the Driver Side J/B)
IE1	52	Floor No.1 Wire and Instrument Panel No.2 Wire (Near the Driver Side J/B)
IF1	52	Instrument Panel Wire and Instrument Panel No.2 Wire (Instrument Panel Center)
IF2		
IF3		
IG1	52	Instrument Panel No.2 Wire and Instrument Panel Wire (Instrument Panel Brace RH)
IH1	52	Floor No.2 Wire and Instrument Panel No.2 Wire (Instrument Panel Brace RH)
IH3		
II3	53	Engine Wire and Instrument Panel Wire (Right Kick Panel)
IM1	53	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
BG1	55	Back Door No.1 Wire and Floor No.1 Wire (Left Rear Quarter Panel)
BK2	55	Roof No.2 Wire and Floor No.2 Wire (Right Rear Quarter Panel)

: Ground Points

Code	See Page	Ground Points Location
IF	52	Instrument Panel Brace LH

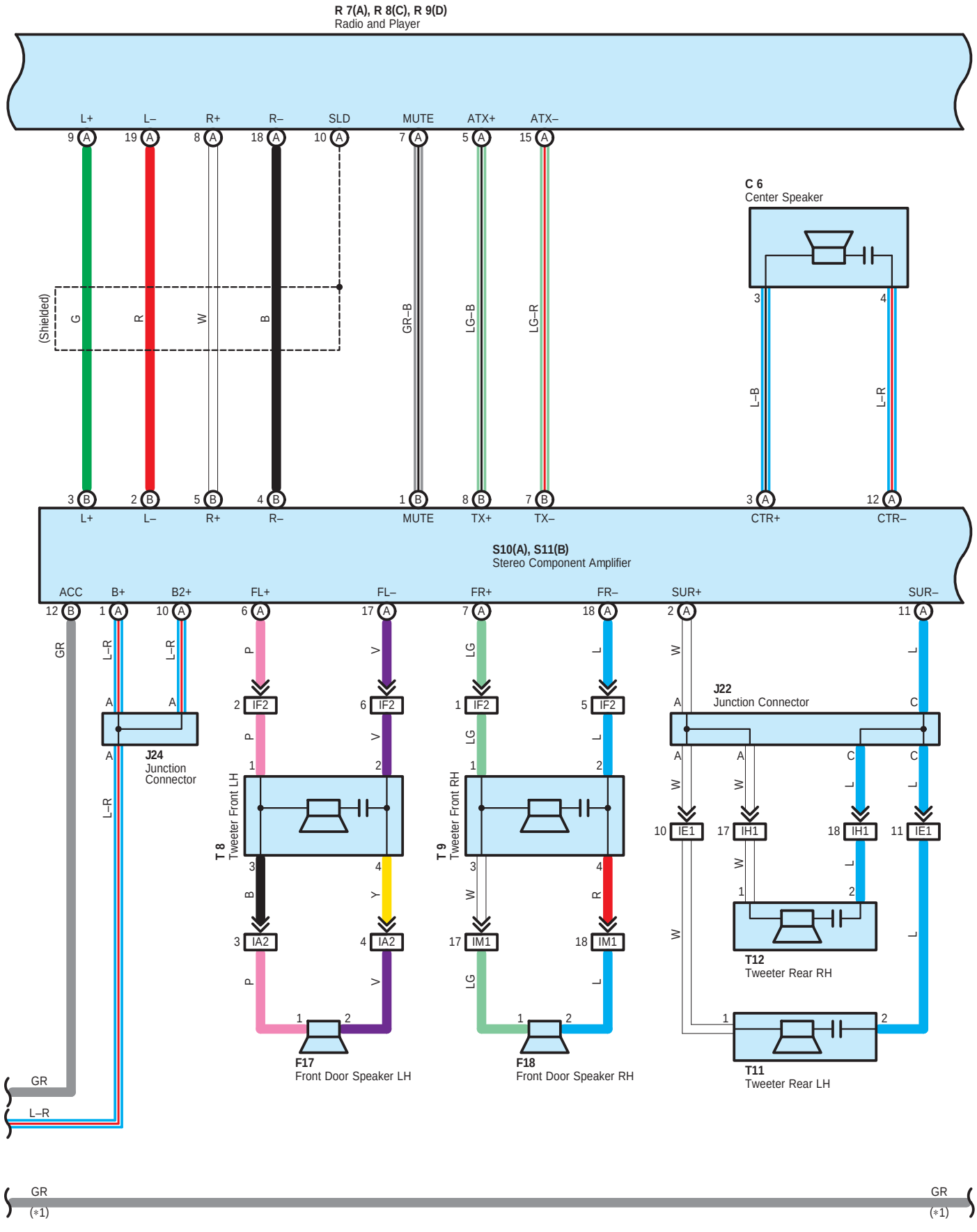
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Audio System with 10 Speaker



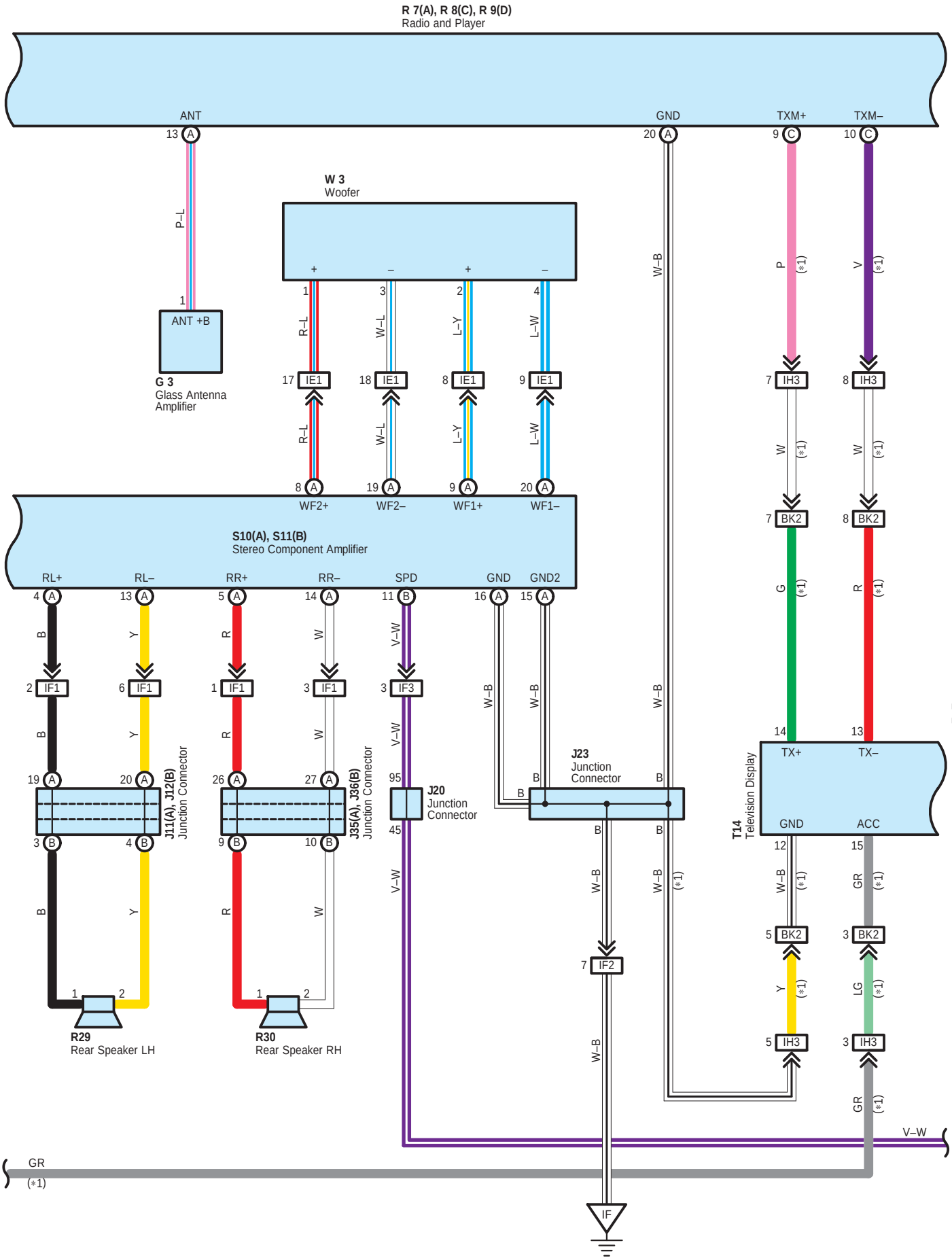
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∗ 1 : w/ Rear Seat Entertainment System



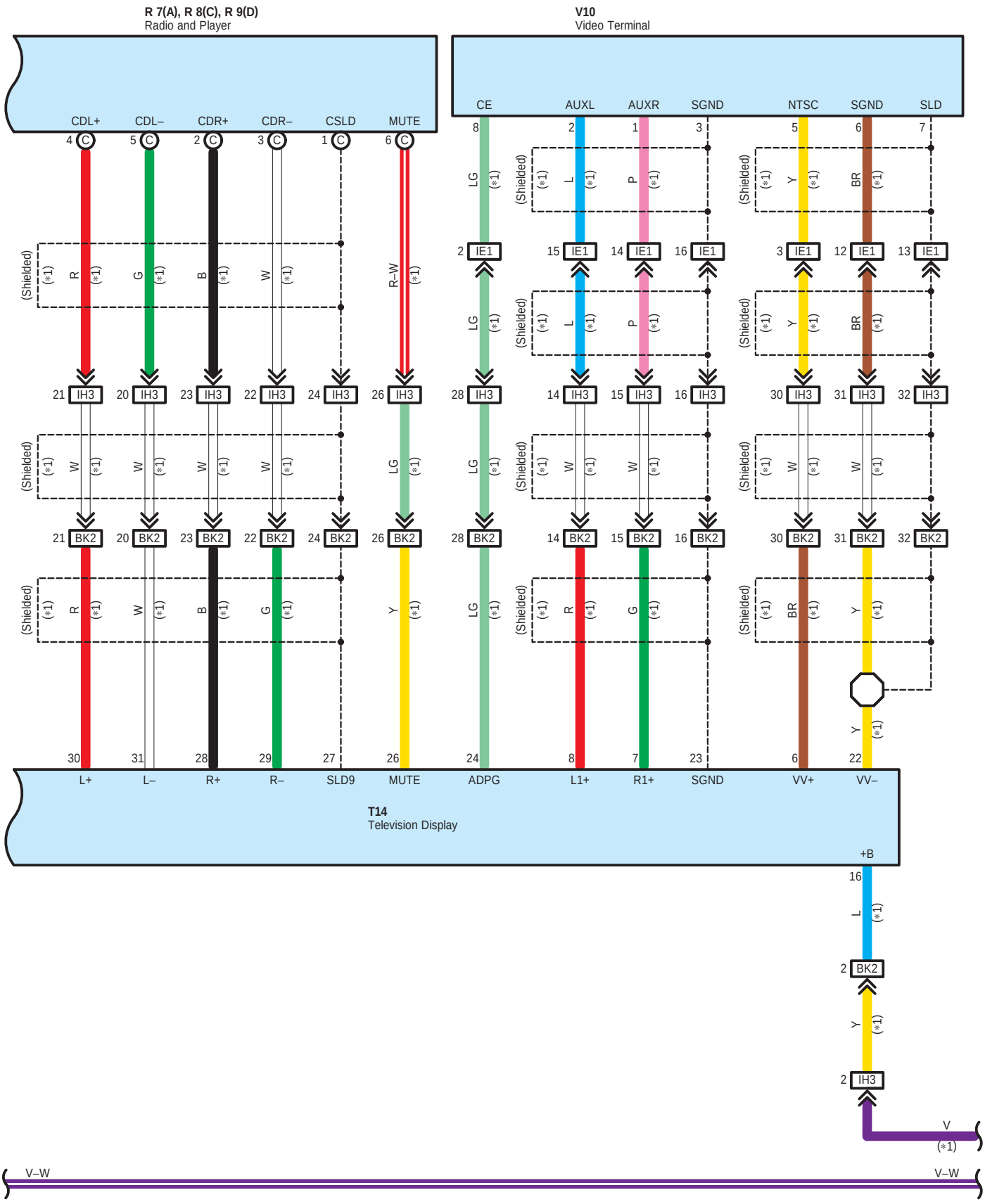
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Audio System with 10 Speaker



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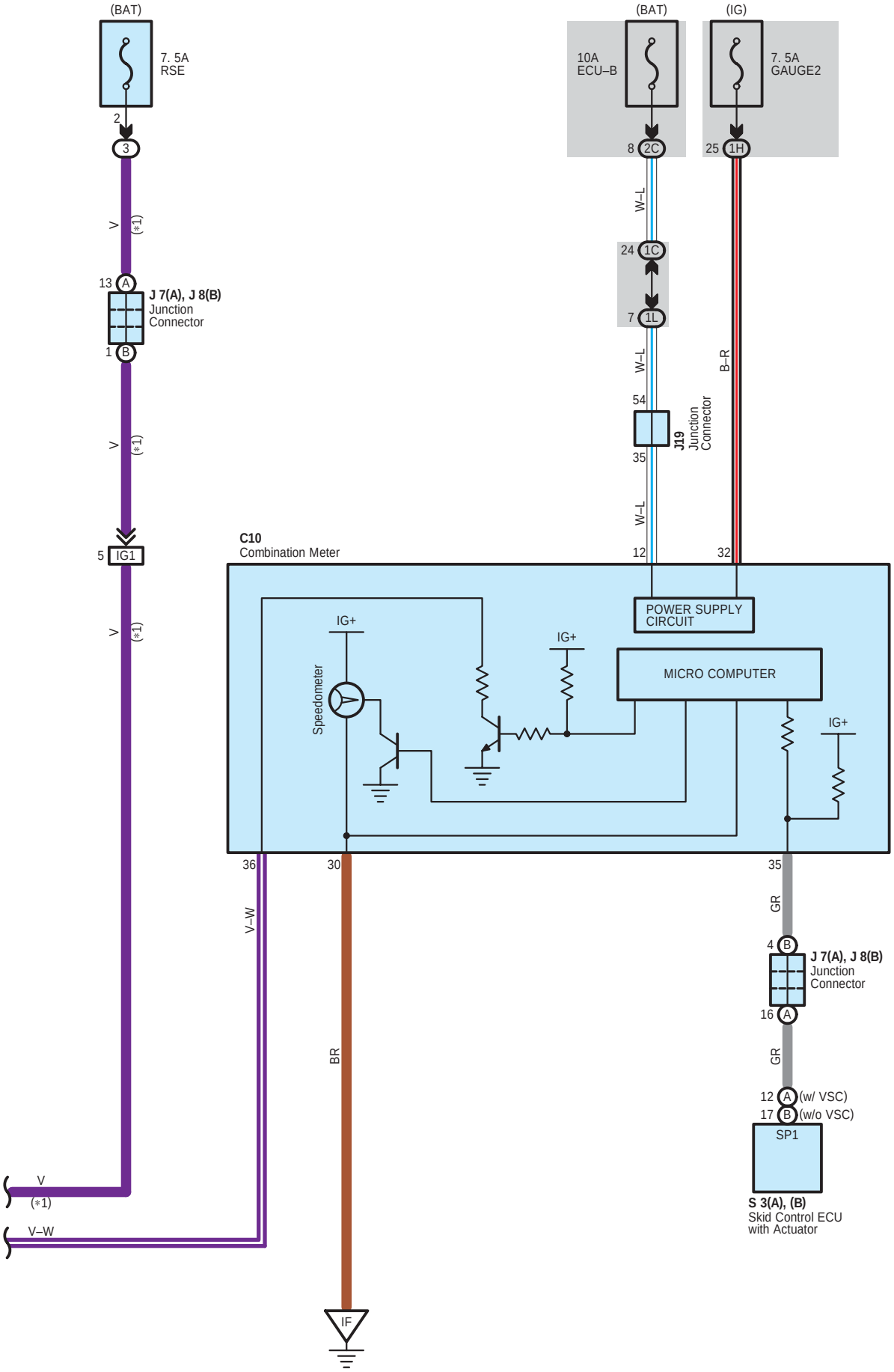
∗ 1 : w/ Rear Seat Entertainment System



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Audio System with 10 Speaker

∗ 1 : w/ Rear Seat Entertainment System



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: Parts Location

Code	See Page	Code	See Page	Code	See Page
C6	39	J22	40	S10 A	41
C10	39	J23	40	S11 B	41
C13	39	J24	40	S32	41
F17	42	J35 A	40	T8	41
F18	42	J36 B	40	T9	41
G3	39	R7 A	41	T11	45
J7 A	40	R8 C	41	T12	45
J8 B	40	R9 D	41	T14	45
J11 A	40	R29	45	V10	45
J12 B	40	R30	45	W3	45
J19	40	S3 A	37		
J20	40	S3 B	37		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
3	26	R/B No.3 (Engine Compartment Left)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1H	30	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1L	31	
2A	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2B		
2C		

: Connector Joining Wire Harness and Wire Harness

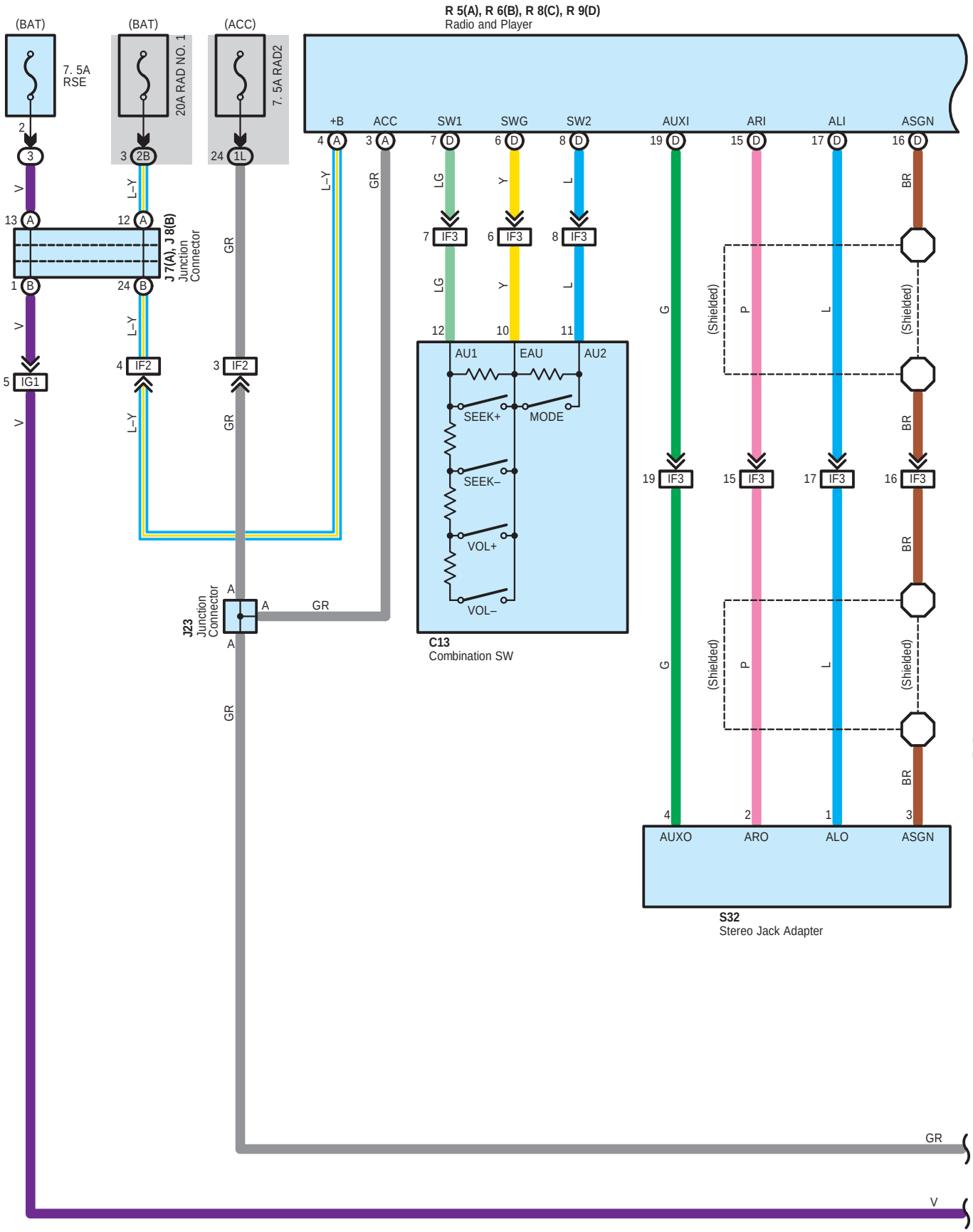
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA2	52	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IE1	52	Floor No.1 Wire and Instrument Panel No.2 Wire (Near the Driver Side J/B)
IF1	52	Instrument Panel Wire and Instrument Panel No.2 Wire (Instrument Panel Center)
IF2		
IF3		
IG1	52	Instrument Panel No.2 Wire and Instrument Panel Wire (Instrument Panel Brace RH)
IH1	52	Floor No.2 Wire and Instrument Panel No.2 Wire (Instrument Panel Brace RH)
IH3		
IM1	53	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
BK2	55	Roof No.2 Wire and Floor No.2 Wire (Right Rear Quarter Panel)

: Ground Points

Code	See Page	Ground Points Location
IF	52	Instrument Panel Brace LH

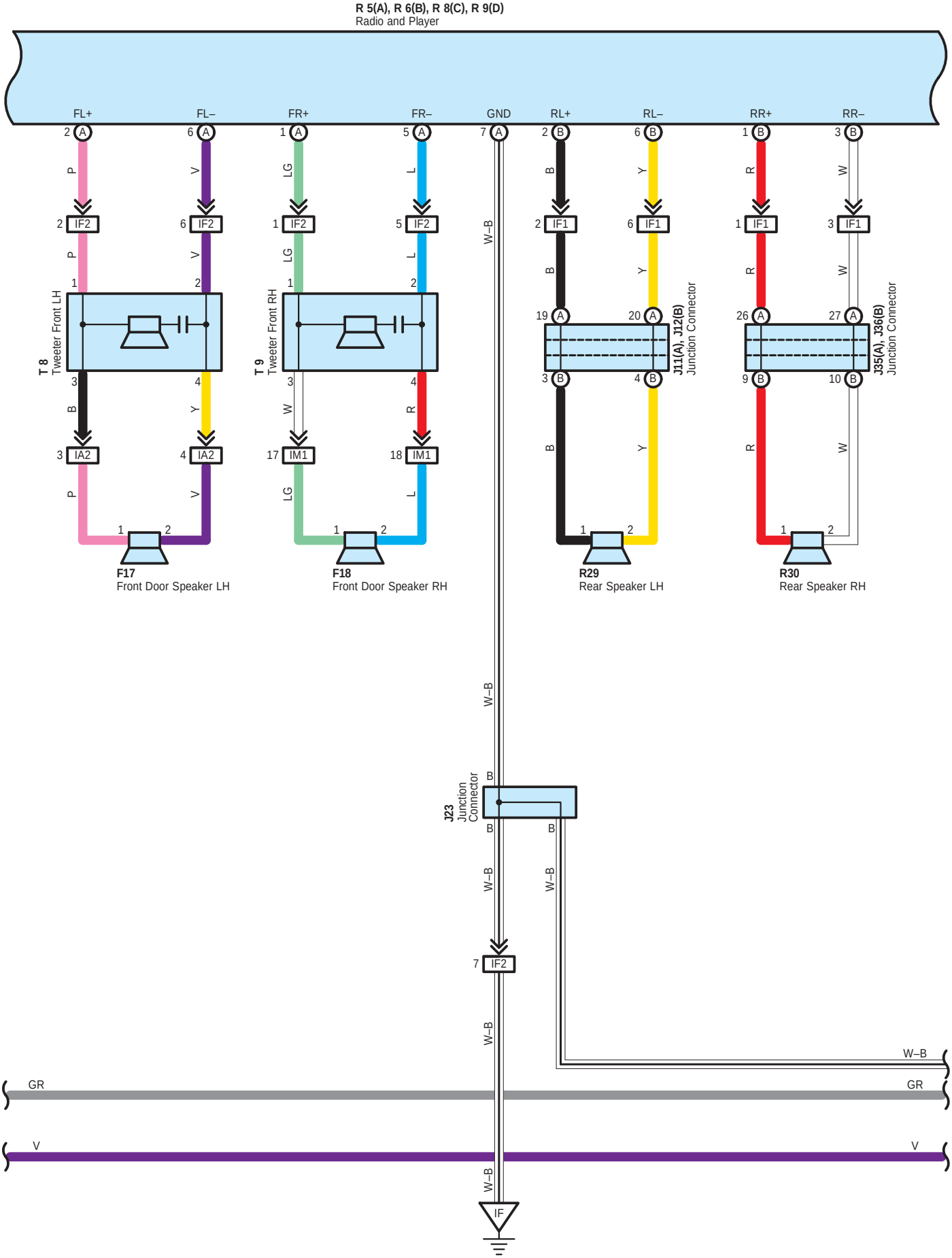
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Audio System with 6 Speaker and RSES



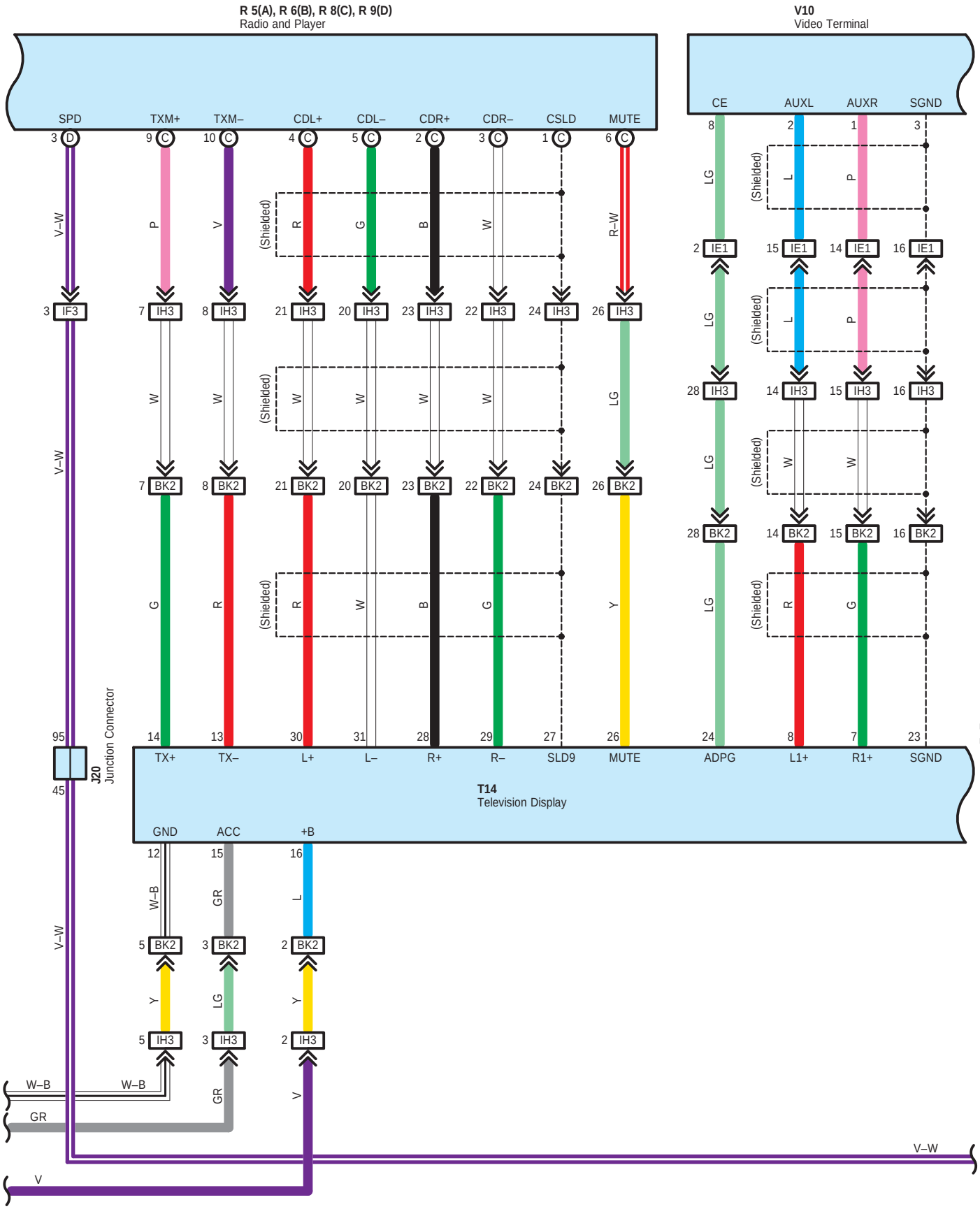
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R 5(A), R 6(B), R 8(C), R 9(D)
Radio and Player

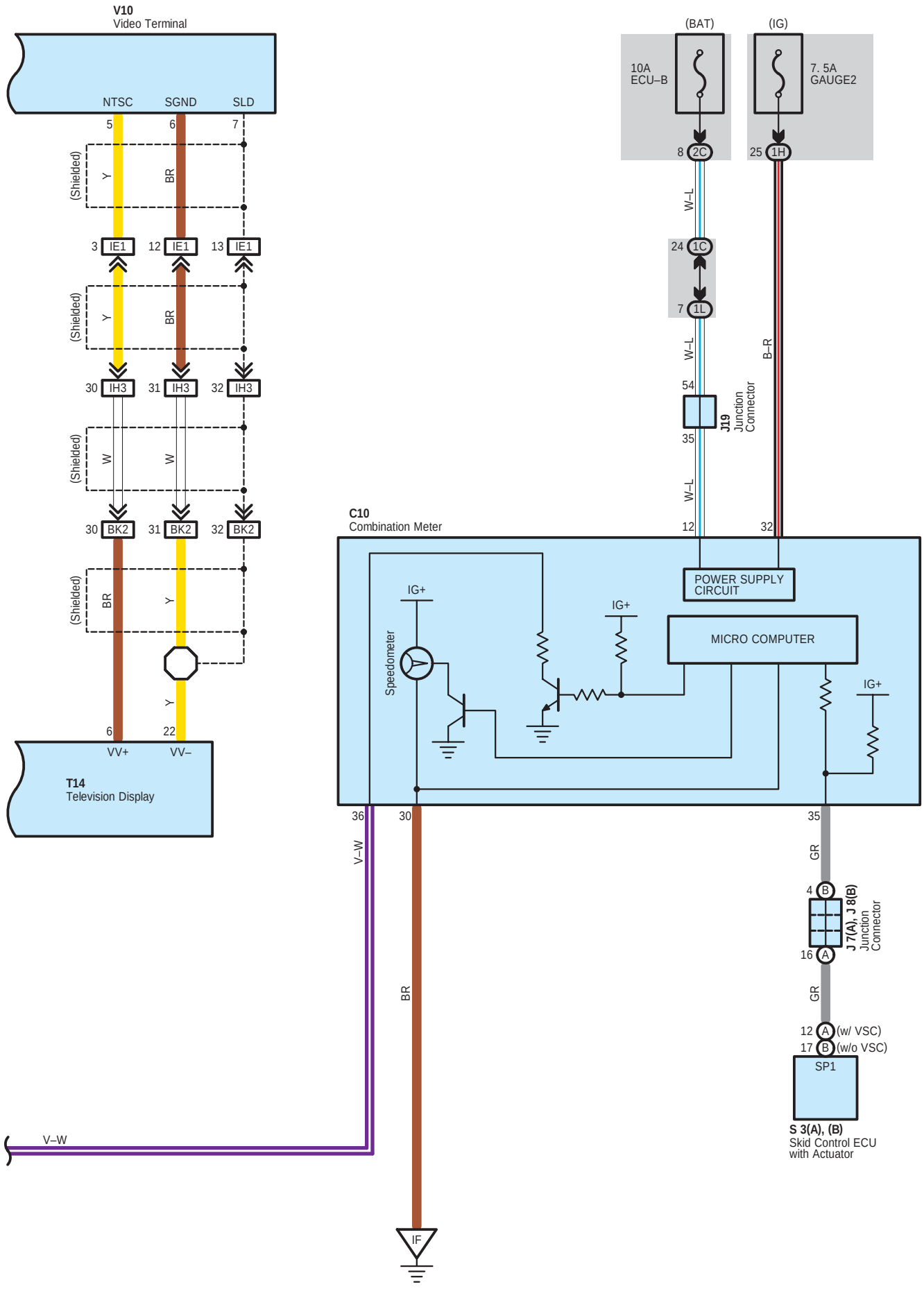


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Audio System with 6 Speaker and RSES



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Audio System with 6 Speaker and RSES

: Parts Location

Code	See Page	Code	See Page	Code	See Page
C10	39	J20	40	R30	45
C13	39	J23	40	S3 A	37
F17	42	J35 A	40	S3 B	37
F18	42	J36 B	40	S32	41
J7 A	40	R5 A	41	T8	41
J8 B	40	R6 B	41	T9	41
J11 A	40	R8 C	41	T14	45
J12 B	40	R9 D	41	V10	45
J19	40	R29	45		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
3	26	R/B No.3 (Engine Compartment Left)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1H	30	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1L	31	
2B	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2C		

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA2	52	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IE1	52	Floor No.1 Wire and Instrument Panel No.2 Wire (Near the Driver Side J/B)
IF1	52	Instrument Panel Wire and Instrument Panel No.2 Wire (Instrument Panel Center)
IF2		
IF3		
IG1	52	Instrument Panel No.2 Wire and Instrument Panel Wire (Instrument Panel Brace RH)
IH3	52	Floor No.2 Wire and Instrument Panel No.2 Wire (Instrument Panel Brace RH)
IM1	53	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
BK2	55	Roof No.2 Wire and Floor No.2 Wire (Right Rear Quarter Panel)

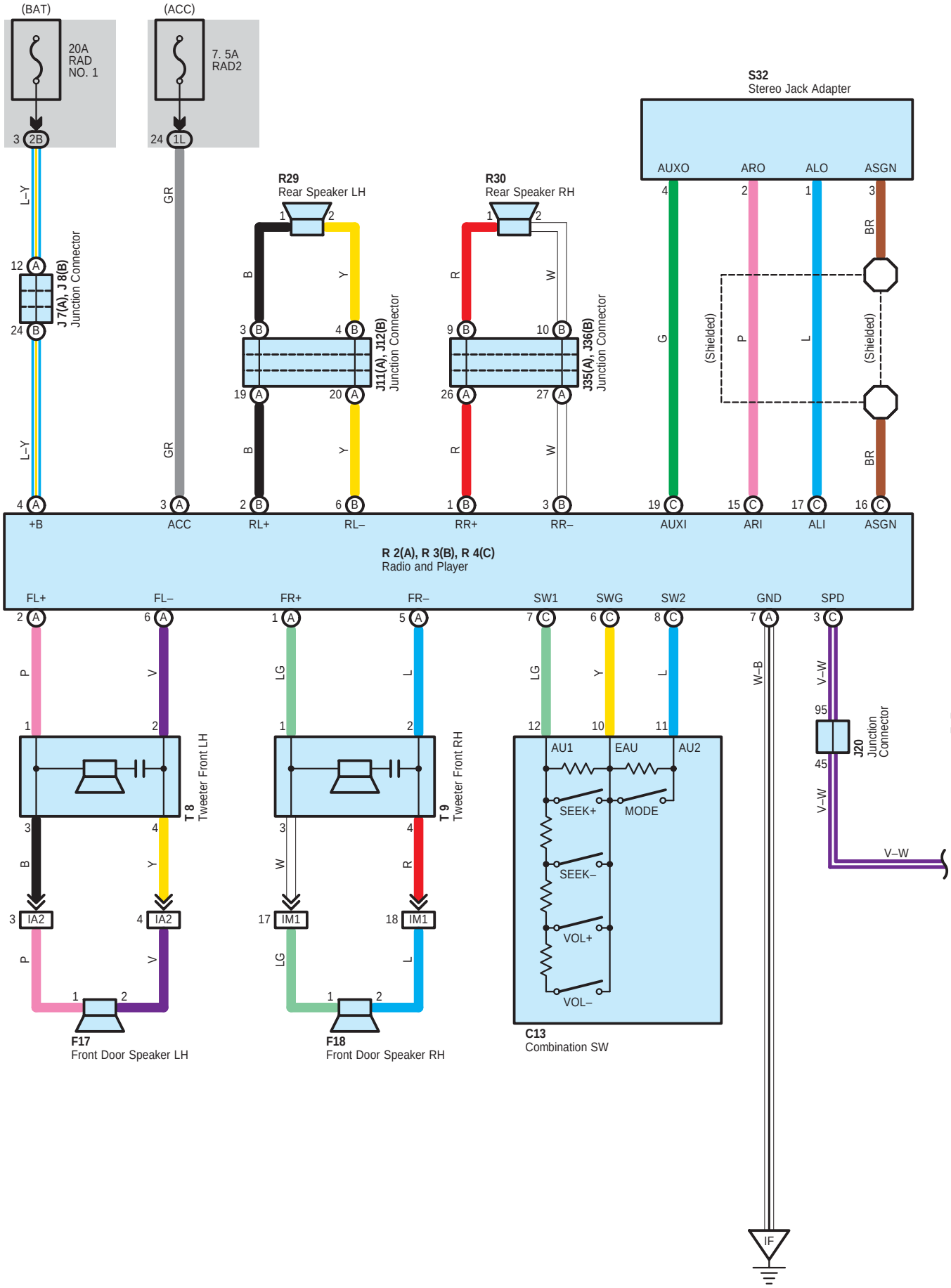
: Ground Points

Code	See Page	Ground Points Location
IF	52	Instrument Panel Brace LH

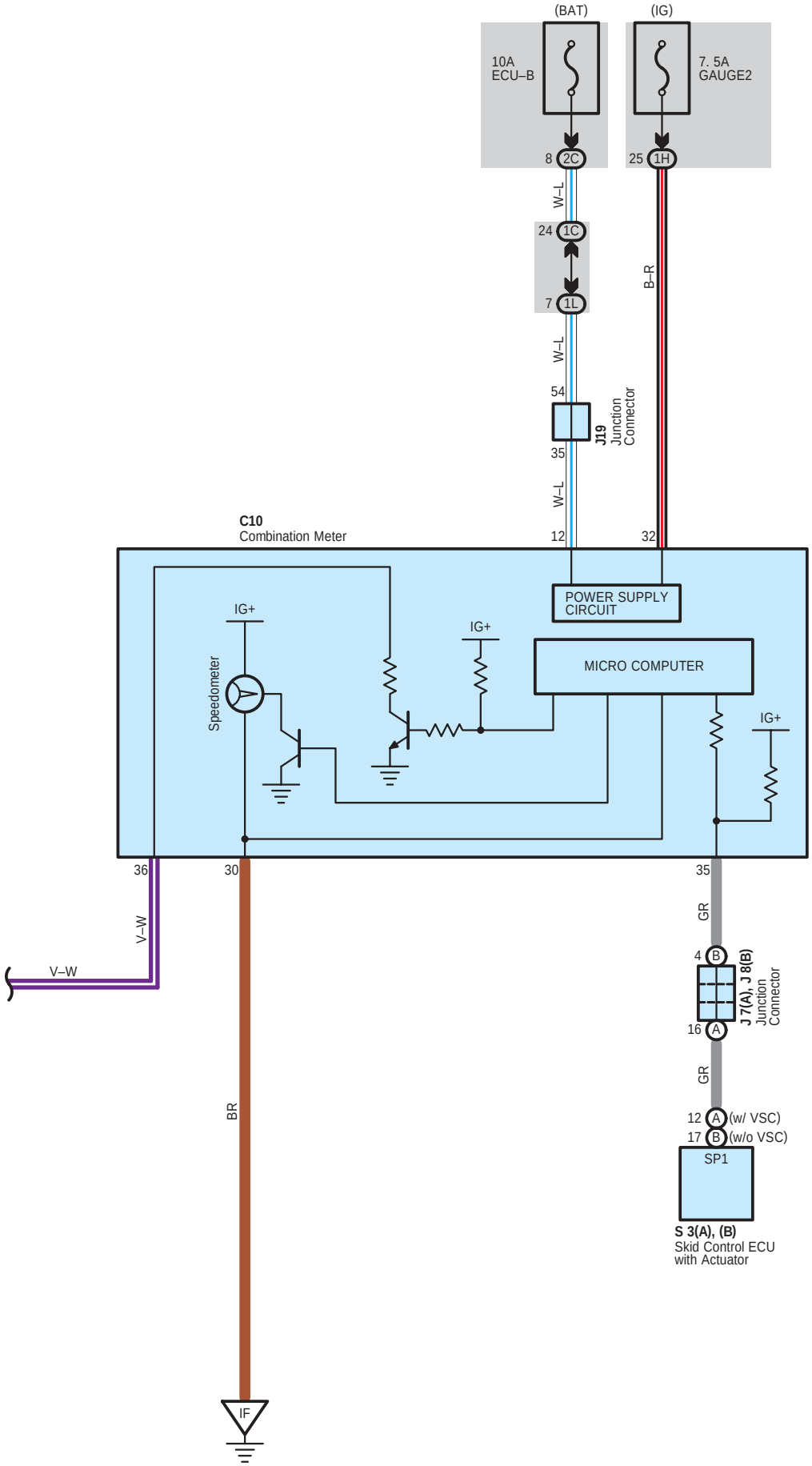
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Audio System with 6 Speaker



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Audio System with 6 Speaker

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
C10	39	J19	40	R30	45
C13	39	J20	40	S3 A	37
F17	42	J35 A	40	S3 B	37
F18	42	J36 B	40	S32	41
J7 A	40	R2 A	41	T8	41
J8 B	40	R3 B	41	T9	41
J11 A	40	R4 C	41		
J12 B	40	R29	45		

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1H	30	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1L	31	
2B	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2C		

: Connector Joining Wire Harness and Wire Harness

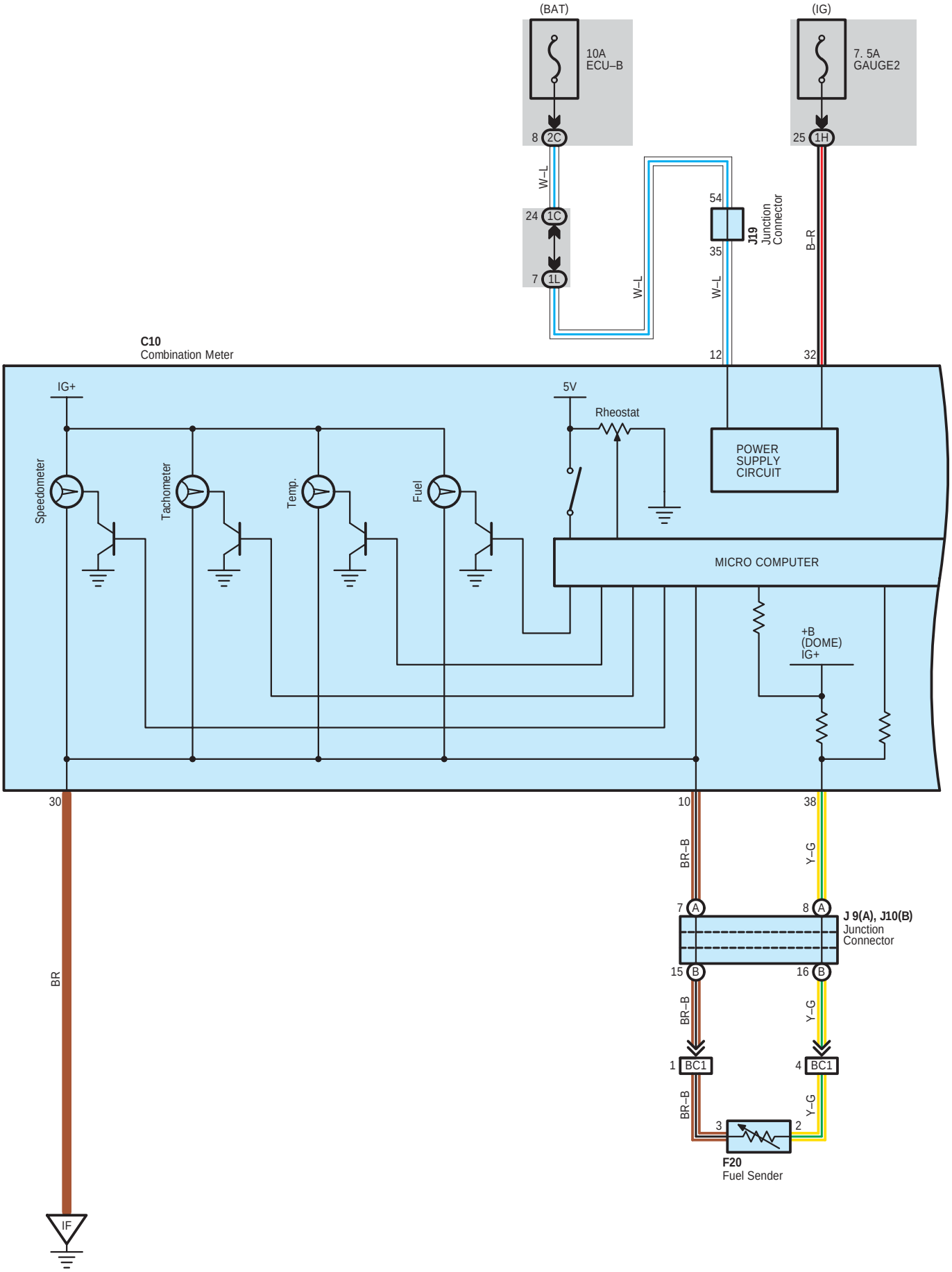
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA2	52	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IM1	53	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)

: Ground Points

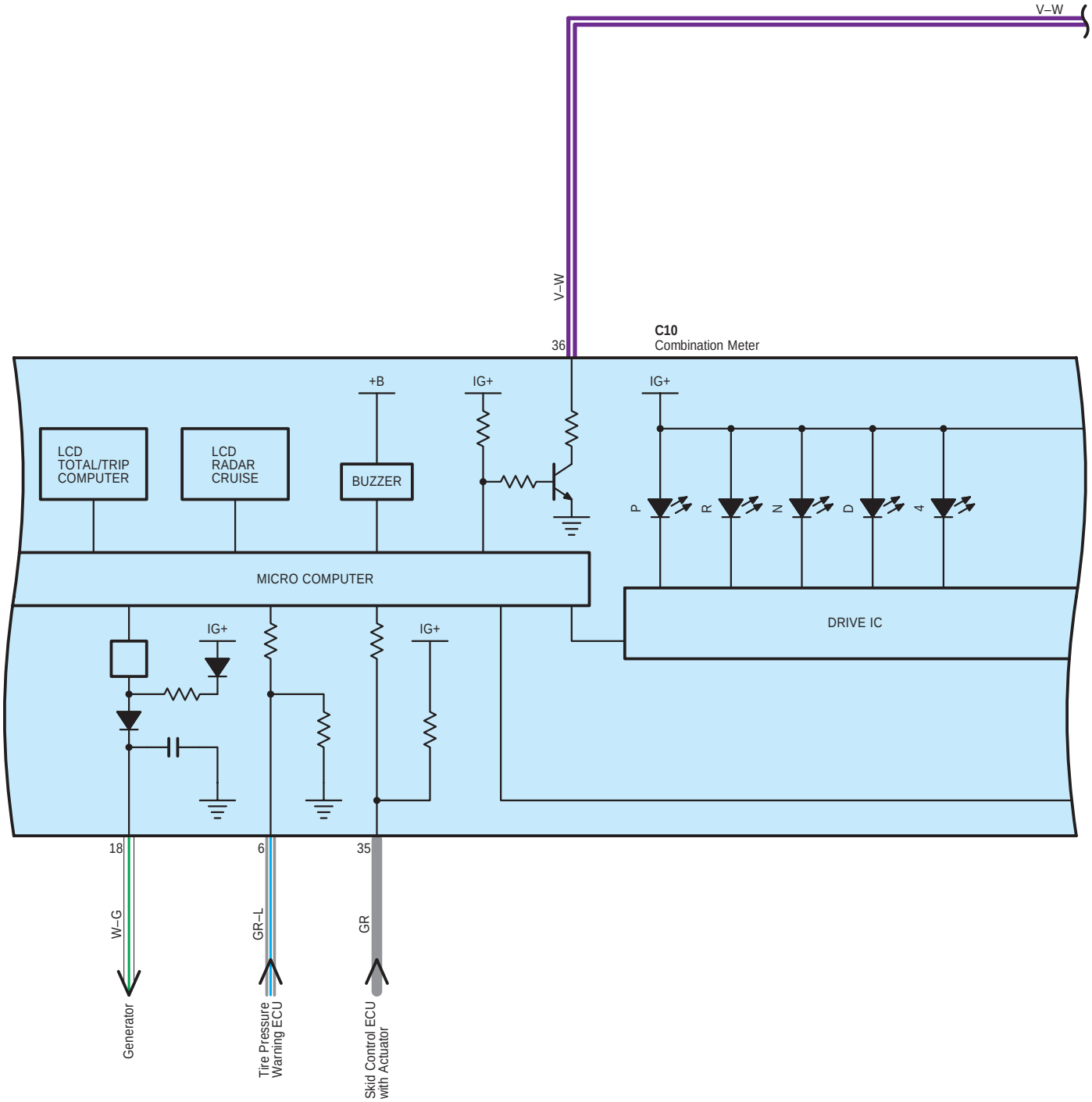
Code	See Page	Ground Points Location
IF	52	Instrument Panel Brace LH

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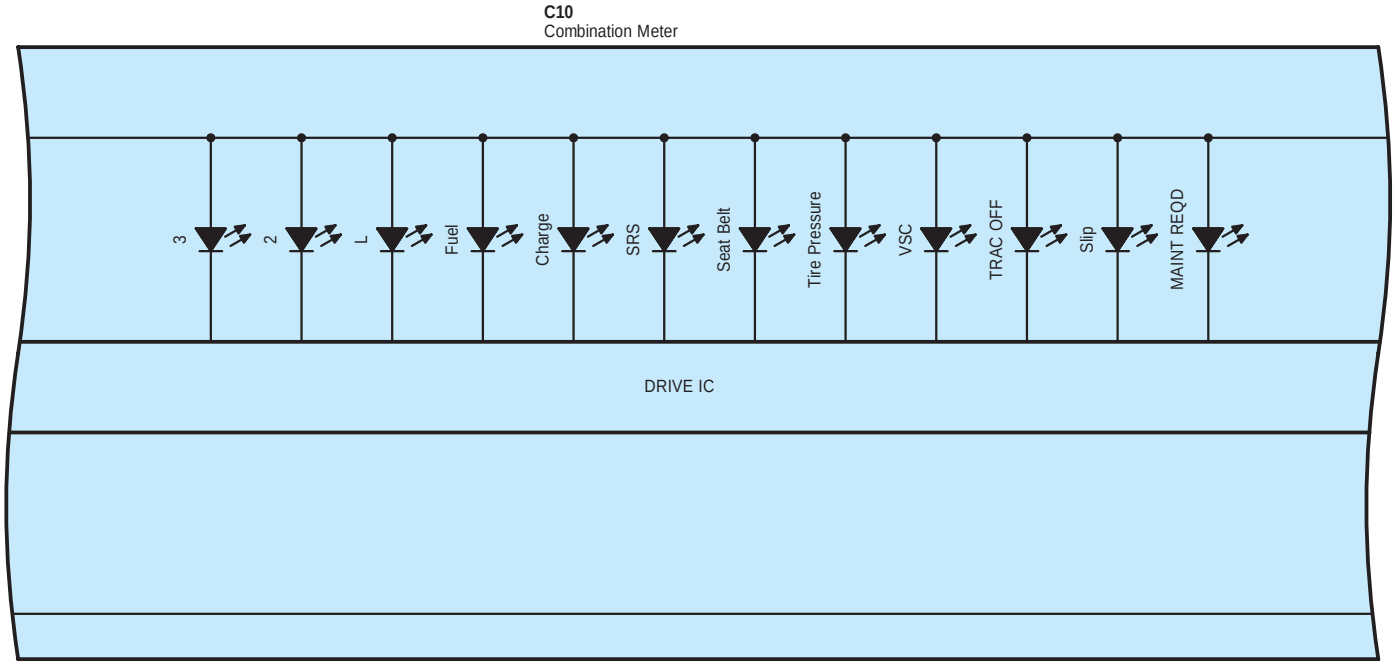


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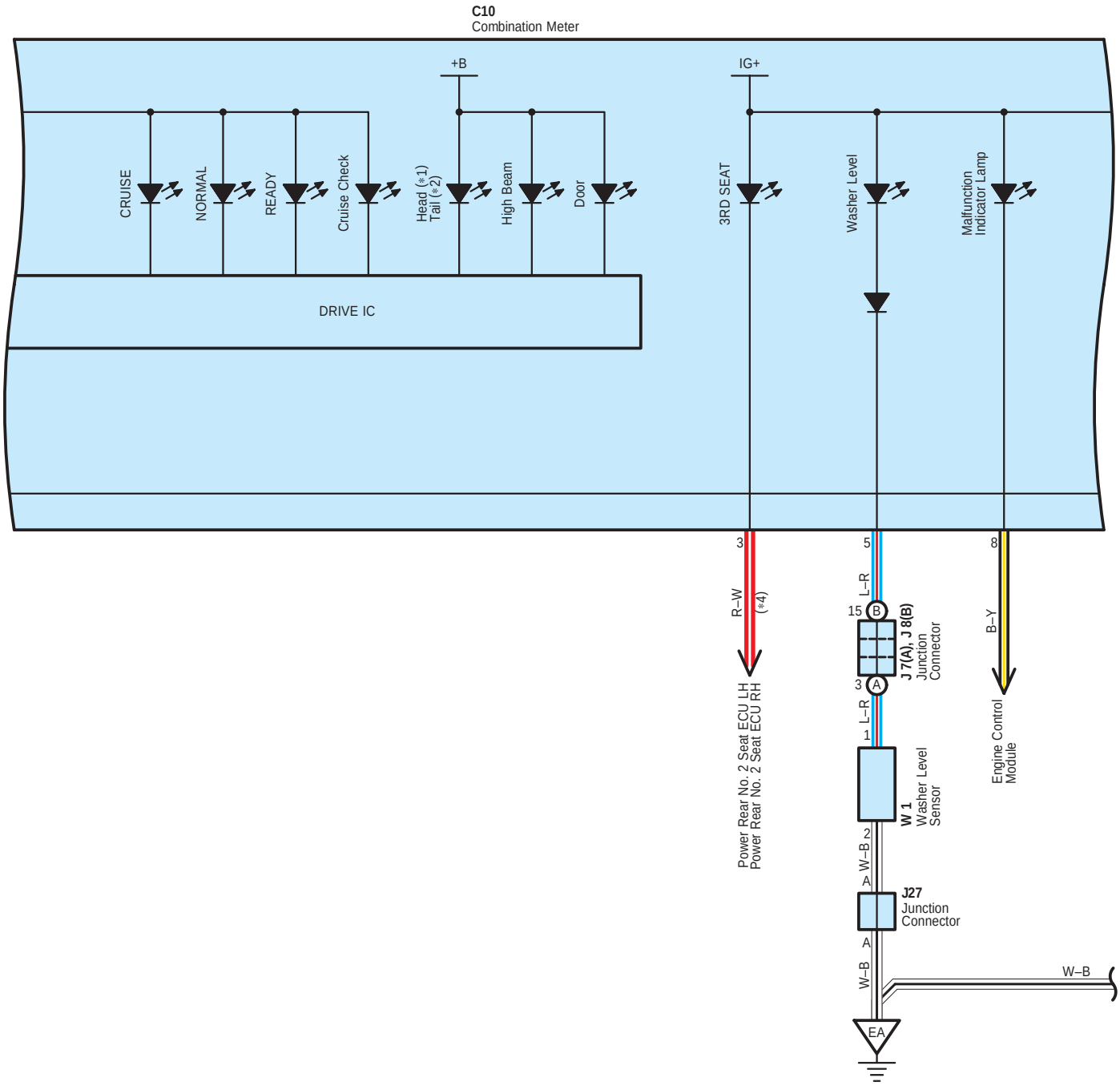




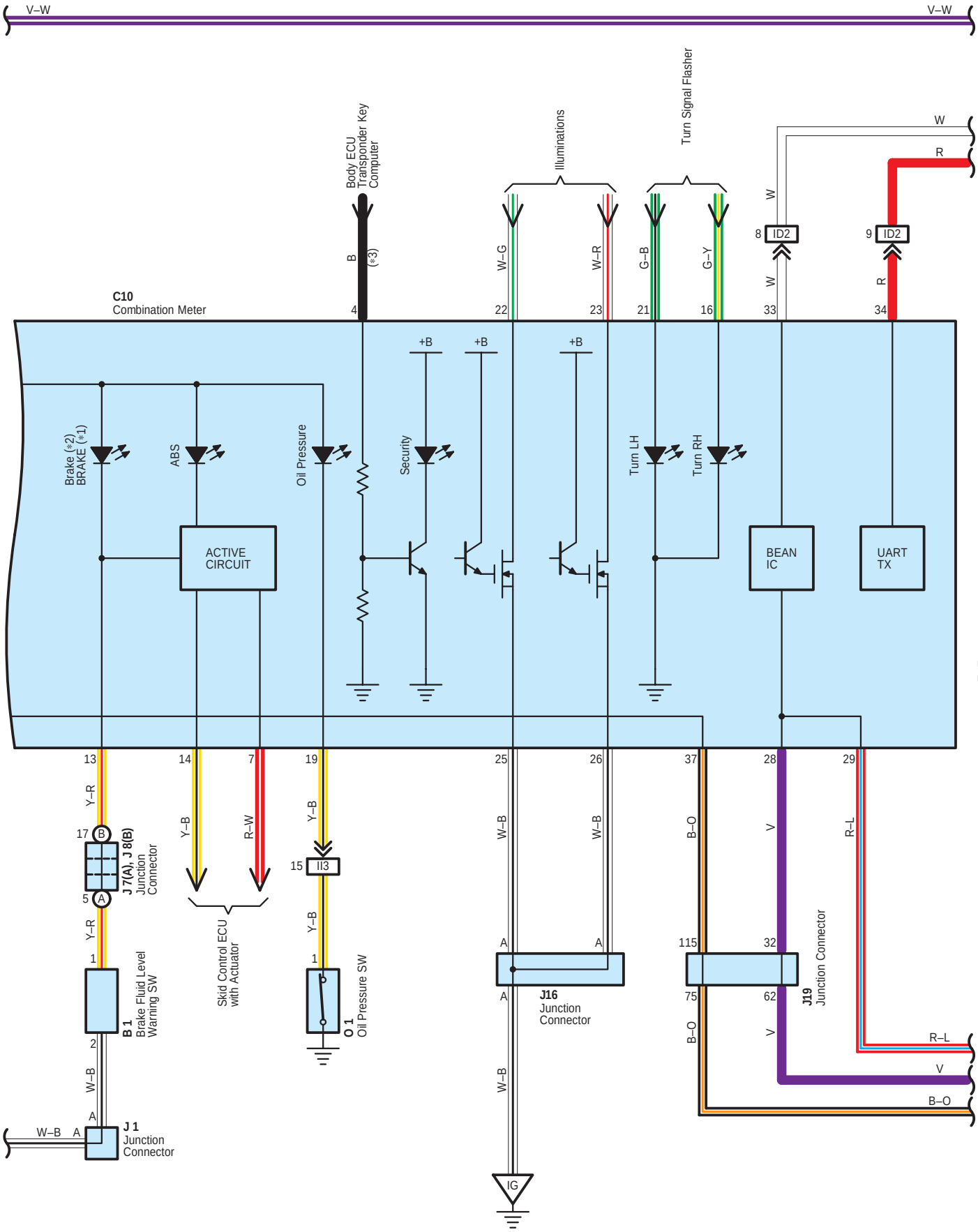
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∗ 1 : USA
∗ 2 : Except USA
∗ 4 : w/ Power Rear No. 2 Seat with Stowing Function

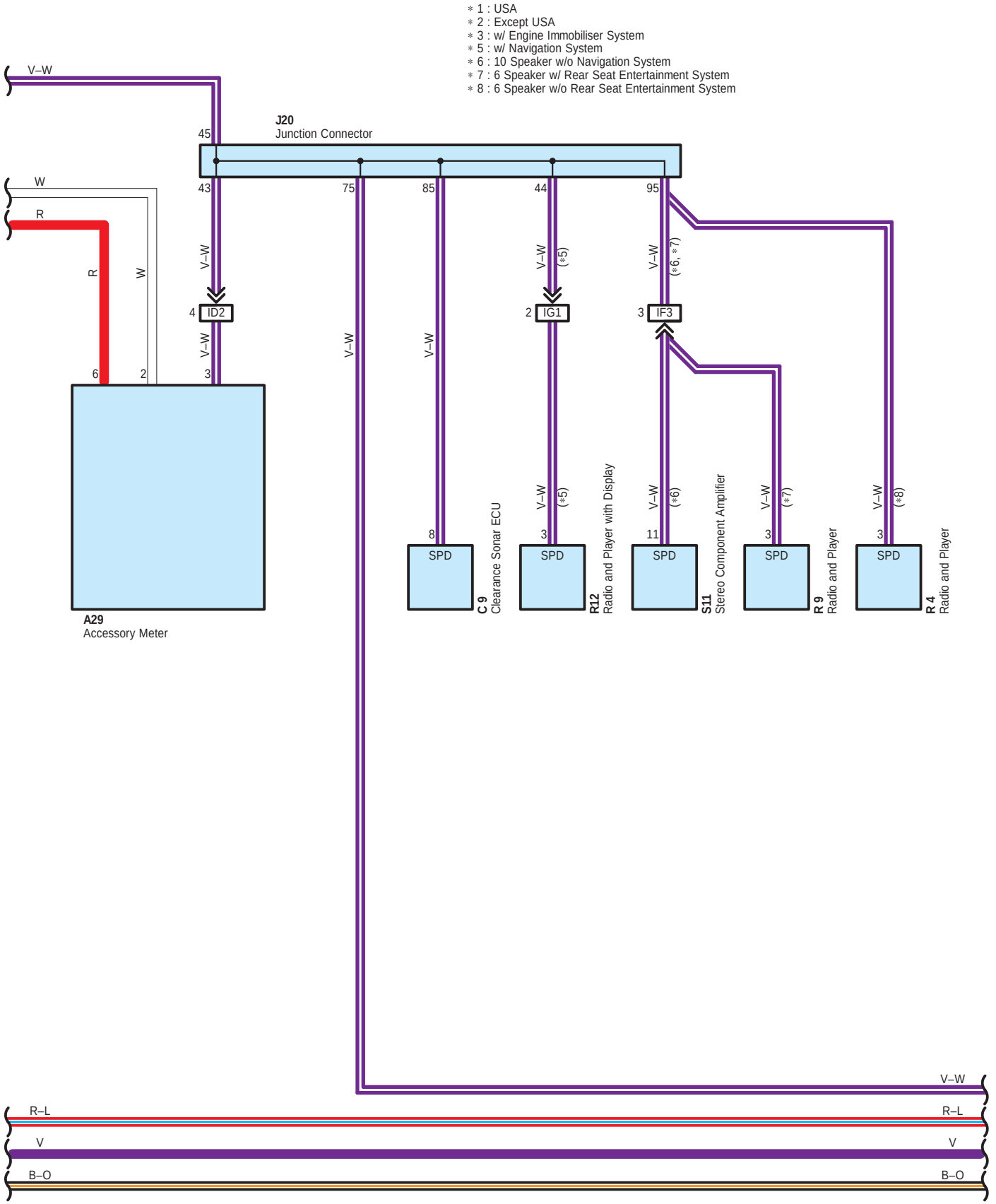




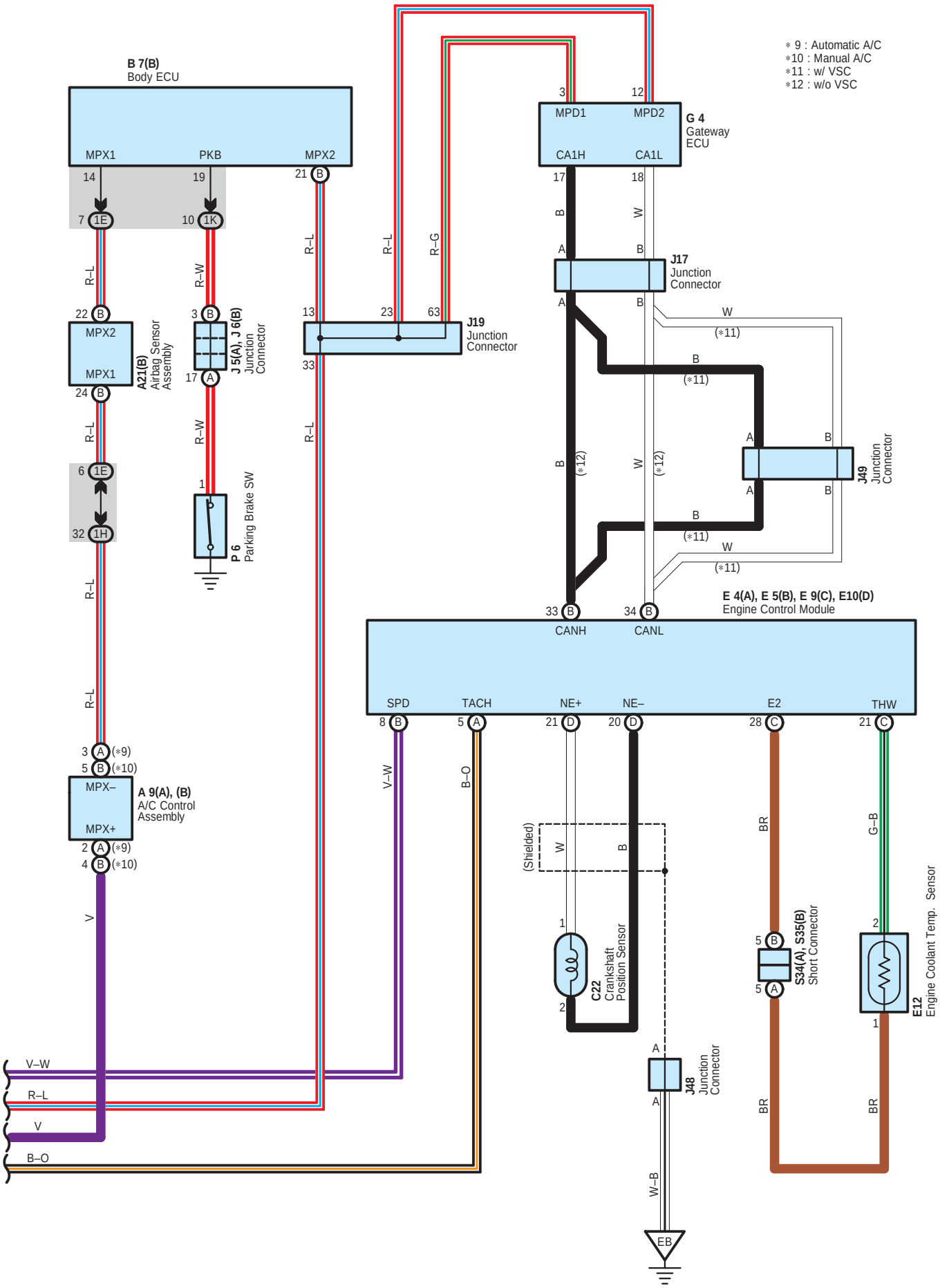
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: Parts Location

Code		See Page	Code		See Page	Code		See Page
A9	A	38	E12		36	J20		40
	B	38	F20		42	J27		40
A21	B	38	G4		39	J48		40
A29		42	J1		37	J49		40
B1		36	J5	A	40	O1		37
B7	B	38	J6	B	40	P6		41
C9		39	J7	A	40	R4		41
C10		39	J8	B	40	R9		41
C22		36	J9	A	40	R12		41
E4	A	39	J10	B	40	S11		41
E5	B	39	J16		40	S34	A	41
E9	C	39	J17		40	S35	B	41
E10	D	39	J19		40	W1		37

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1E	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1H	30	
1K	31	
1L		
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

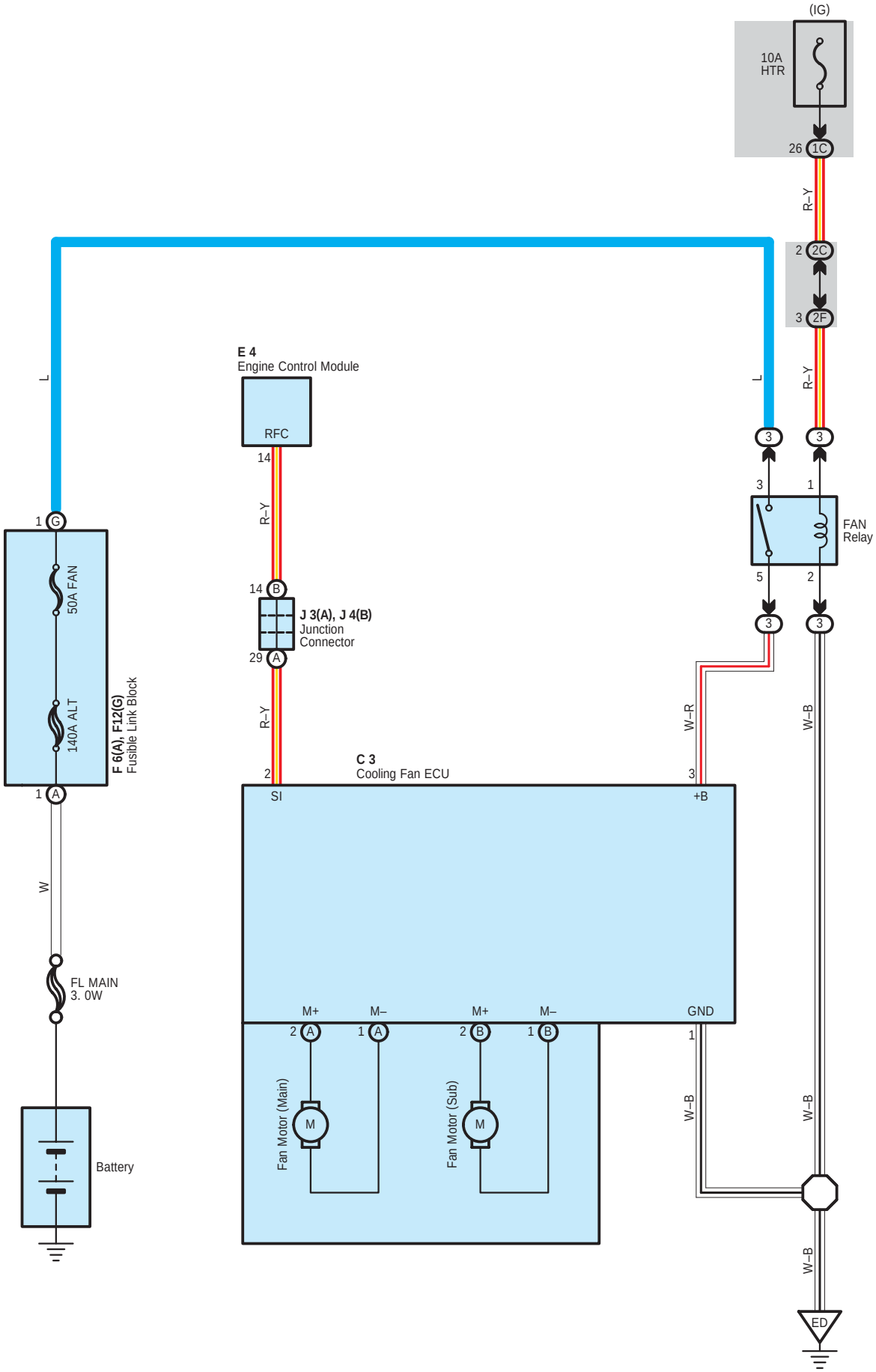
: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
ID2	52	Roof Wire and Instrument Panel Wire (Near the Driver Side J/B)
IF3	52	Instrument Panel Wire and Instrument Panel No.2 Wire (Instrument Panel Center)
IG1	52	Instrument Panel No.2 Wire and Instrument Panel Wire (Instrument Panel Brace RH)
II3	53	Engine Wire and Instrument Panel Wire (Right Kick Panel)
BC1	54	Fuel Gauge Wire and Floor No.1 Wire (Near the Fuel Tank)

: Ground Points

Code	See Page	Ground Points Location
EA	50	Front Side of the Right Fender Apron
EB	50	Rear Bank of Right Cylinder Head
IF	52	Instrument Panel Brace LH
IG	52	Right Kick Panel

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: Parts Location

Code	See Page	Code		See Page	Code		See Page
C3	36	F6	A	36	J3	A	40
E4	39	F12	G	36	J4	B	40

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
3	26	R/B No.3 (Engine Compartment Left)

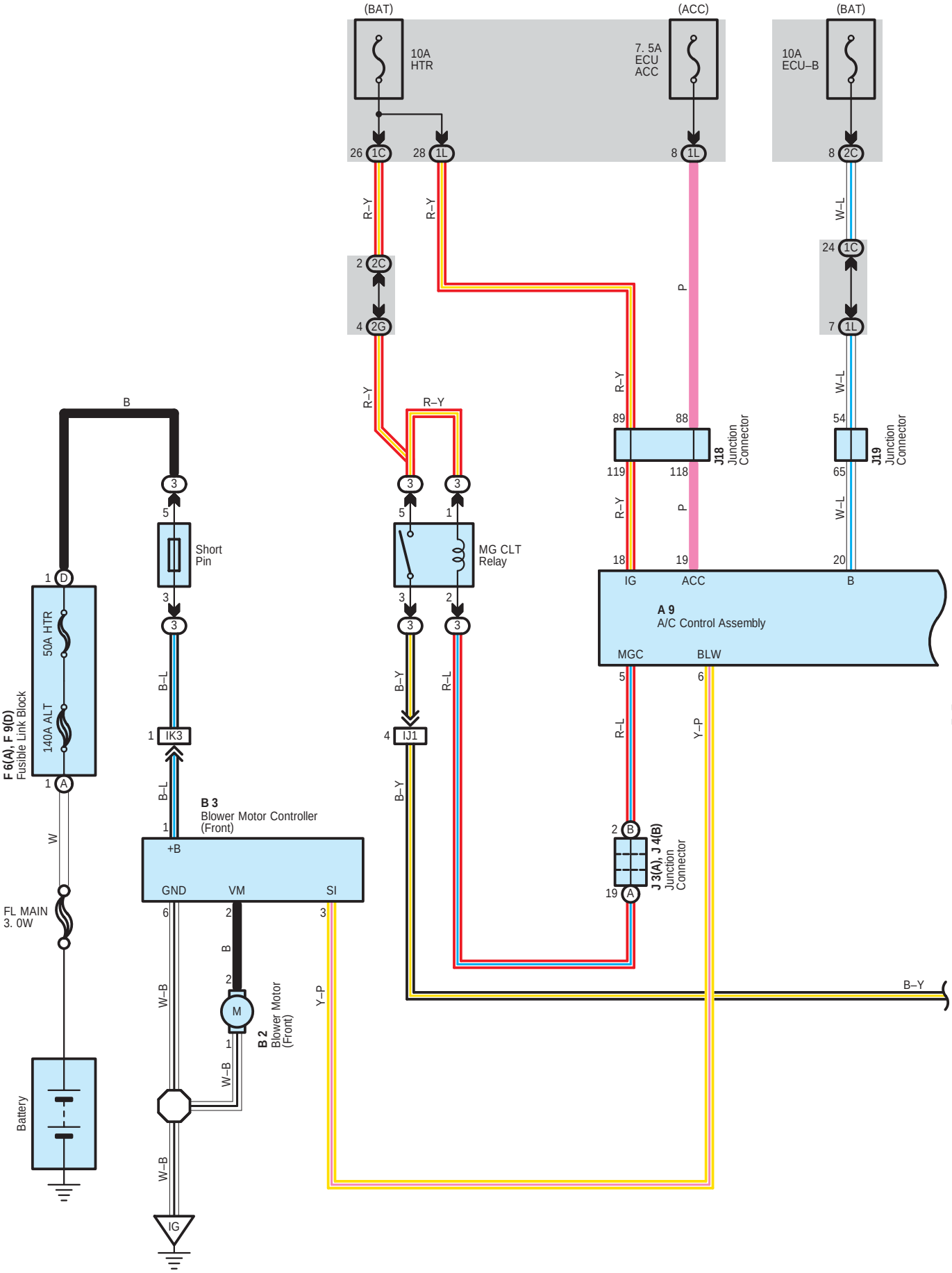
: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2F		

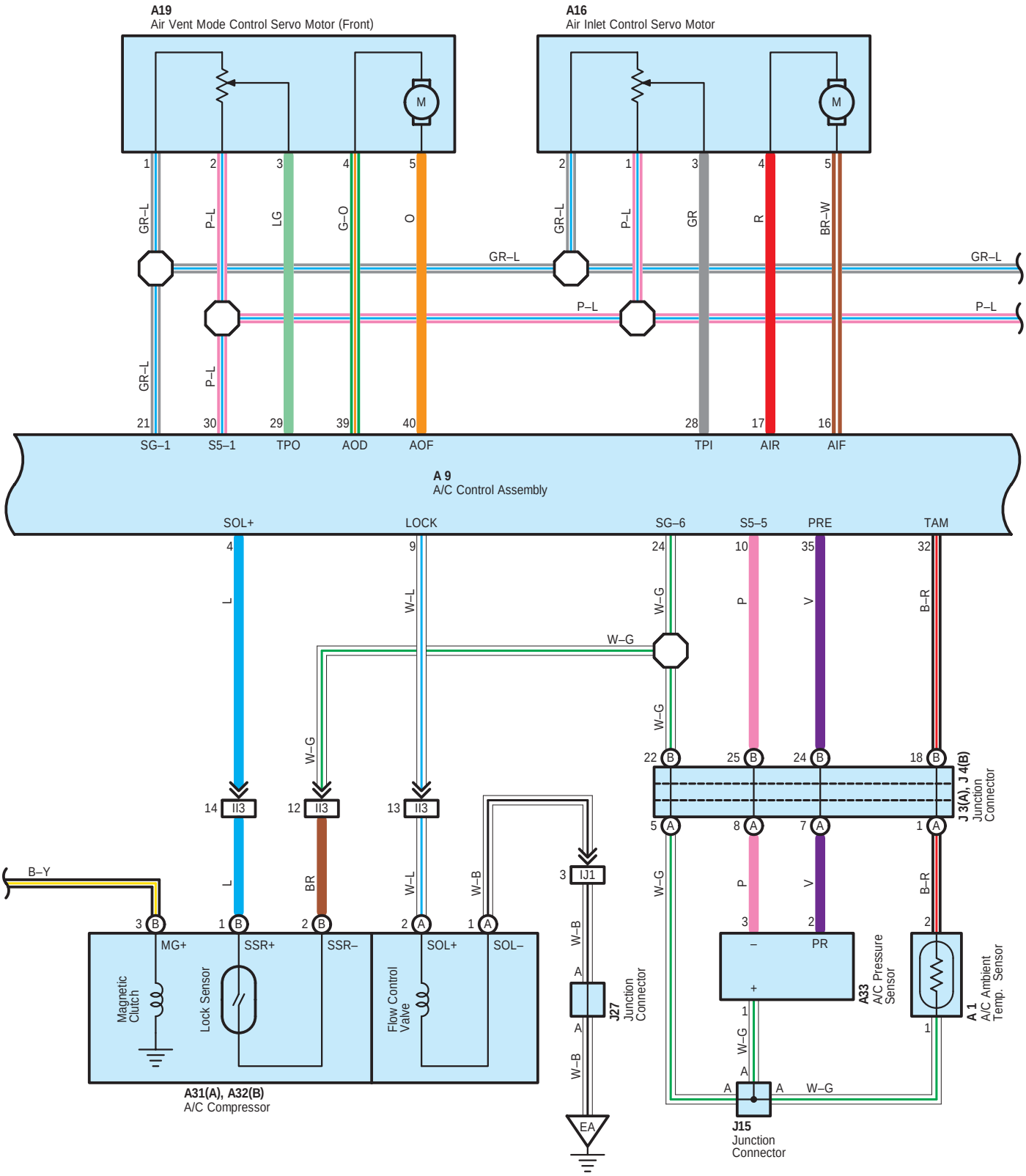
: Ground Points

Code	See Page	Ground Points Location
ED	50	Front Side of the Left Fender Apron

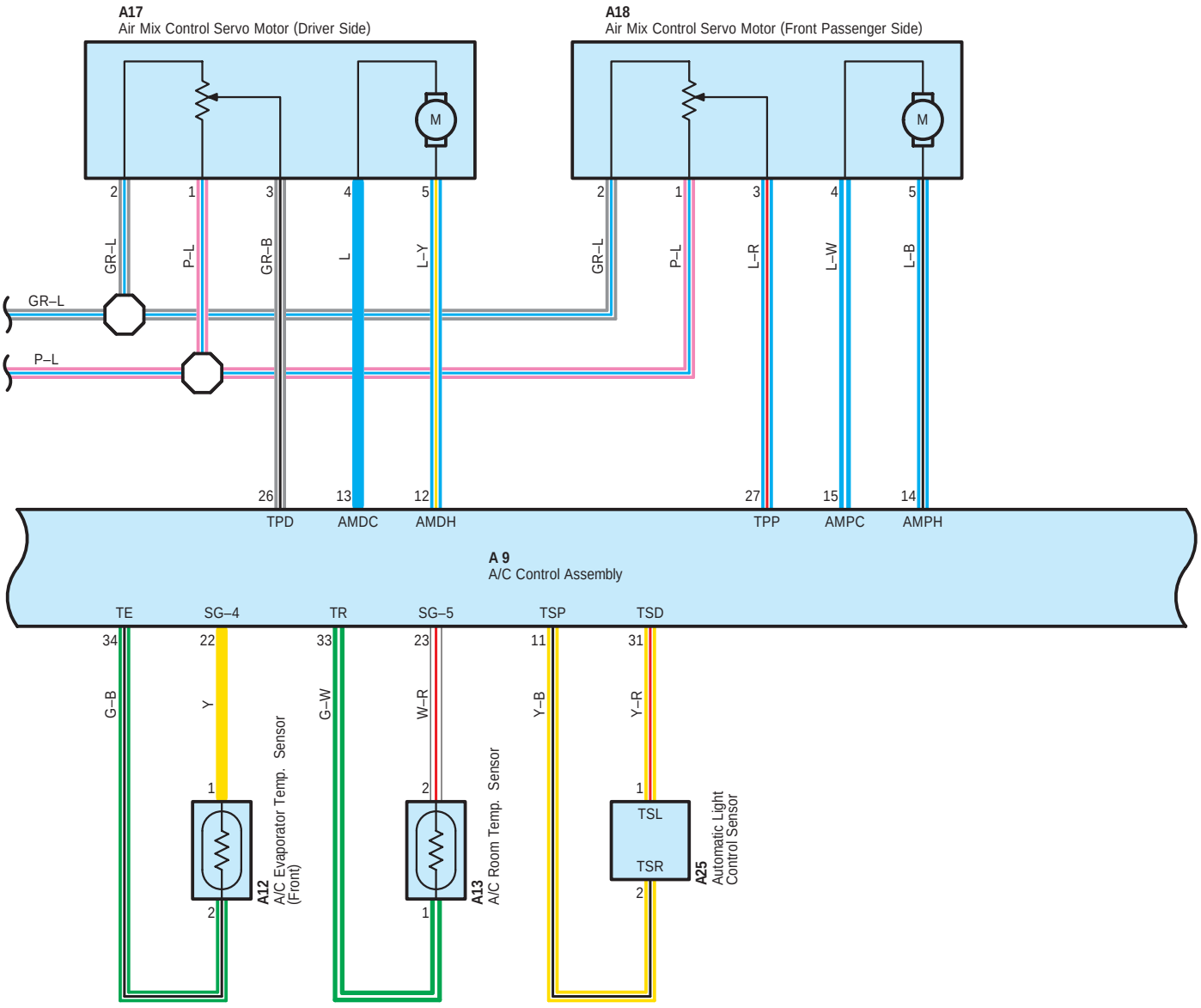
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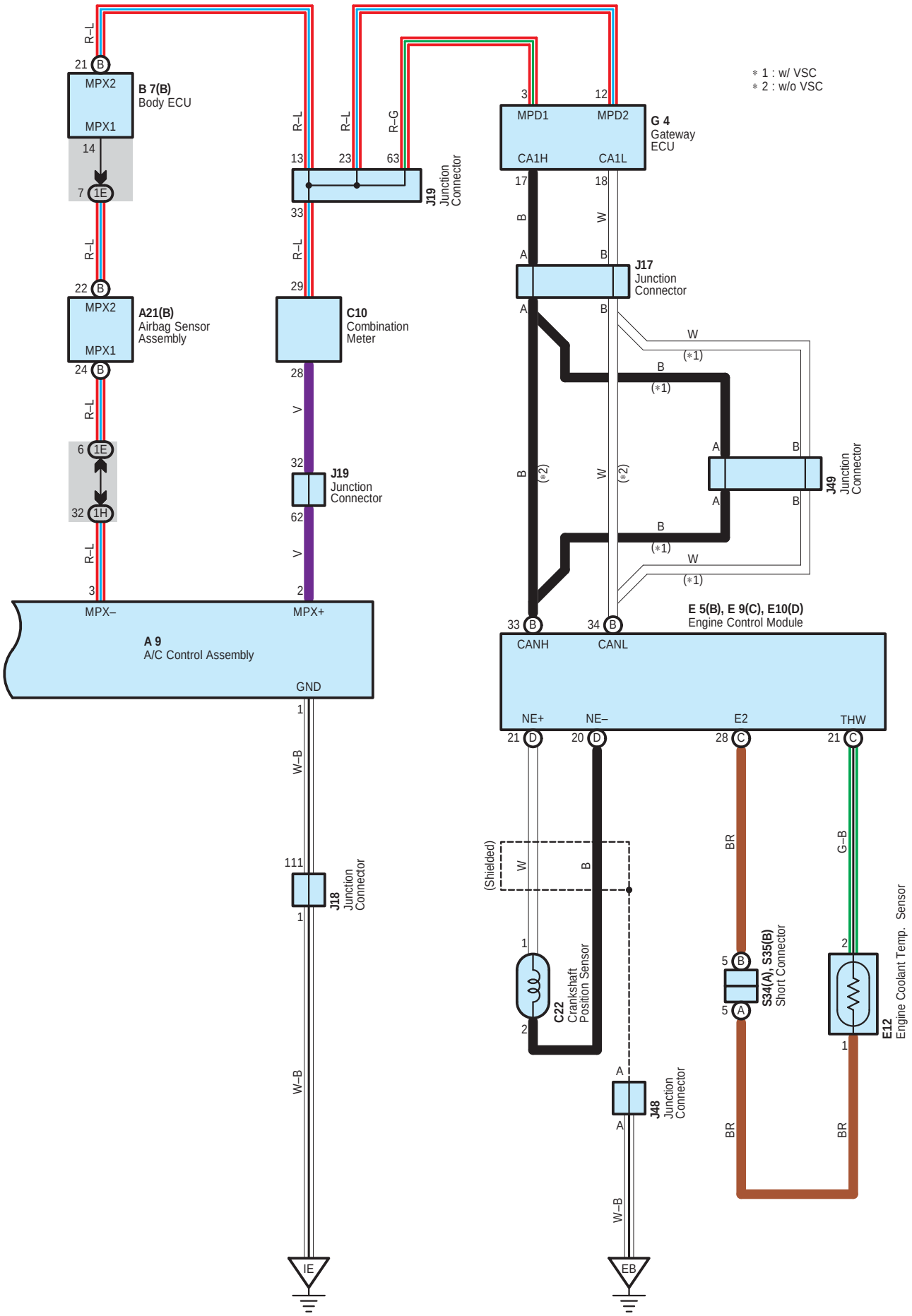
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Automatic Air Conditioning (Front)

: Parts Location

Code	See Page	Code	See Page	Code	See Page
A1	36	A33	36	G4	39
A9	38	B2	38	J3 A	40
A12	38	B3	38	J4 B	40
A13	38	B7 B	38	J15	40
A16	38	C10	39	J17	40
A17	38	C22	36	J18	40
A18	38	E5 B	39	J19	40
A19	38	E9 C	39	J27	40
A21 B	38	E10 D	39	J48	40
A25	38	E12	36	J49	40
A31 A	36	F6 A	36	S34 A	41
A32 B	36	F9 D	36	S35 B	41

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
3	26	R/B No.3 (Engine Compartment Left)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1E	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1H	30	
1L	31	
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2G		

: Connector Joining Wire Harness and Wire Harness

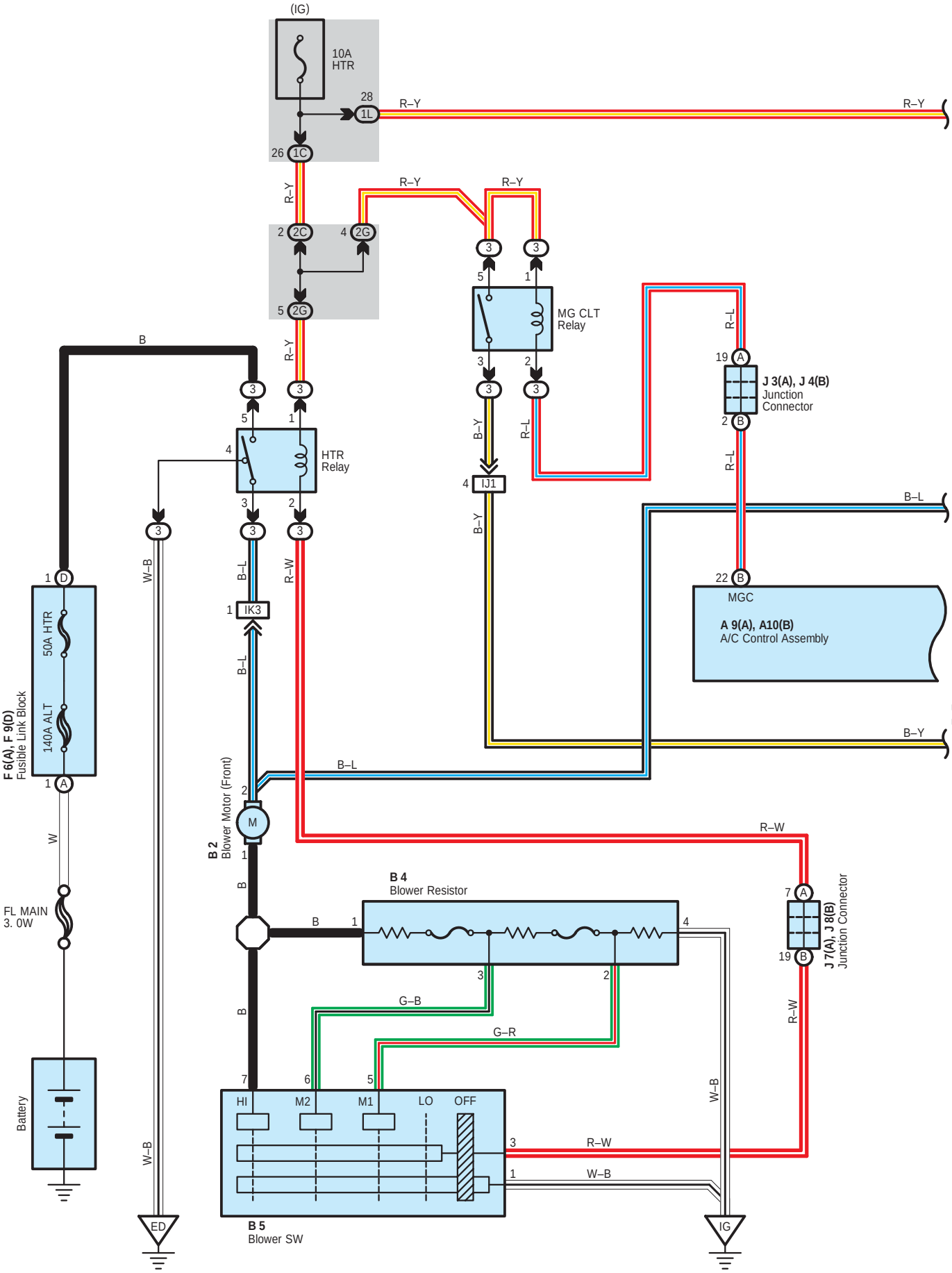
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
II3	53	Engine Wire and Instrument Panel Wire (Right Kick Panel)
IJ1	53	Engine Wire and Engine Room Main Wire (Right Kick Panel)
IK3	53	Engine Room Main Wire and Instrument Panel Wire (Right Kick Panel)

: Ground Points

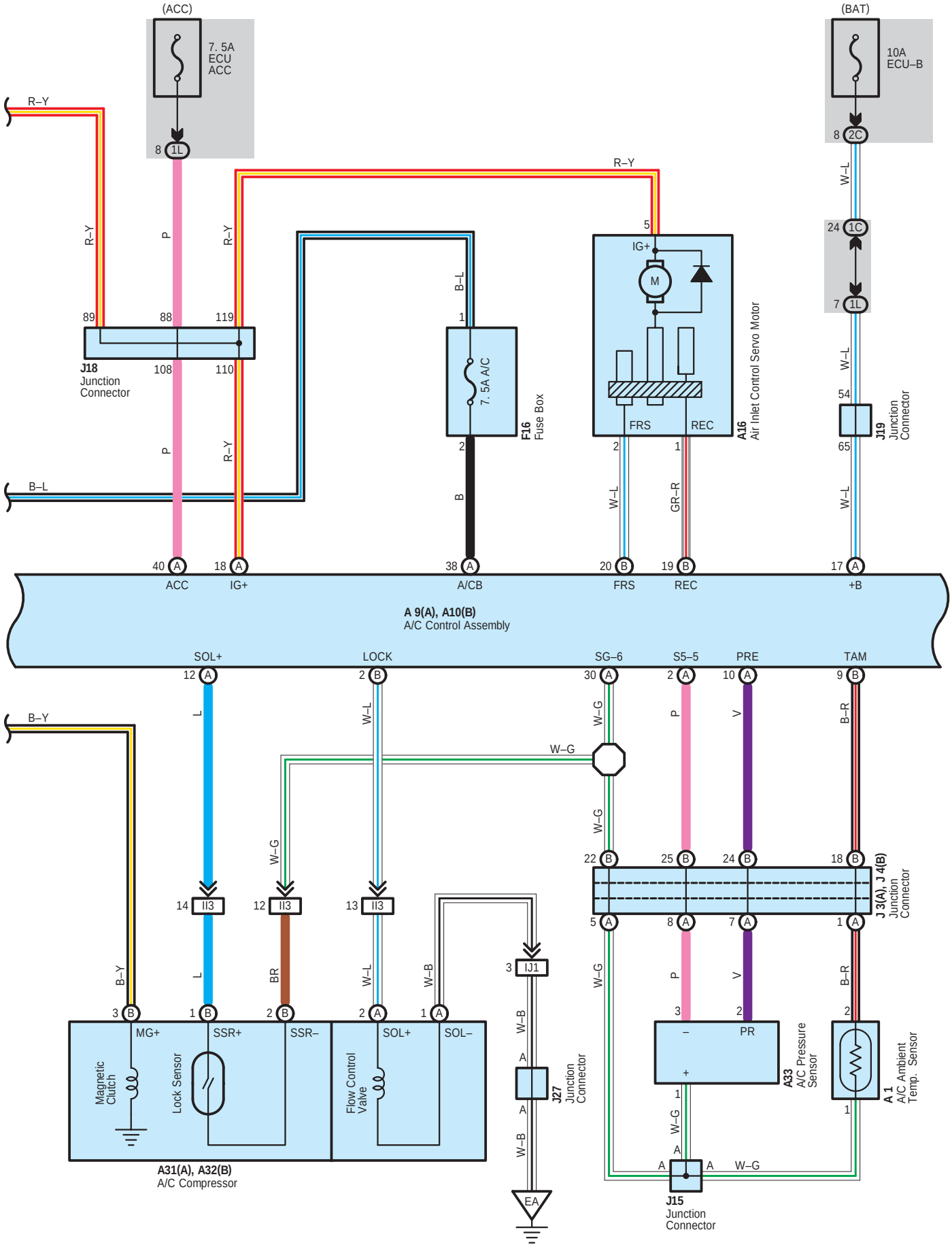
Code	See Page	Ground Points Location
EA	50	Front Side of the Right Fender Apron
EB	50	Rear Bank of Right Cylinder Head
IE	52	Left Kick Panel
IG	52	Right Kick Panel

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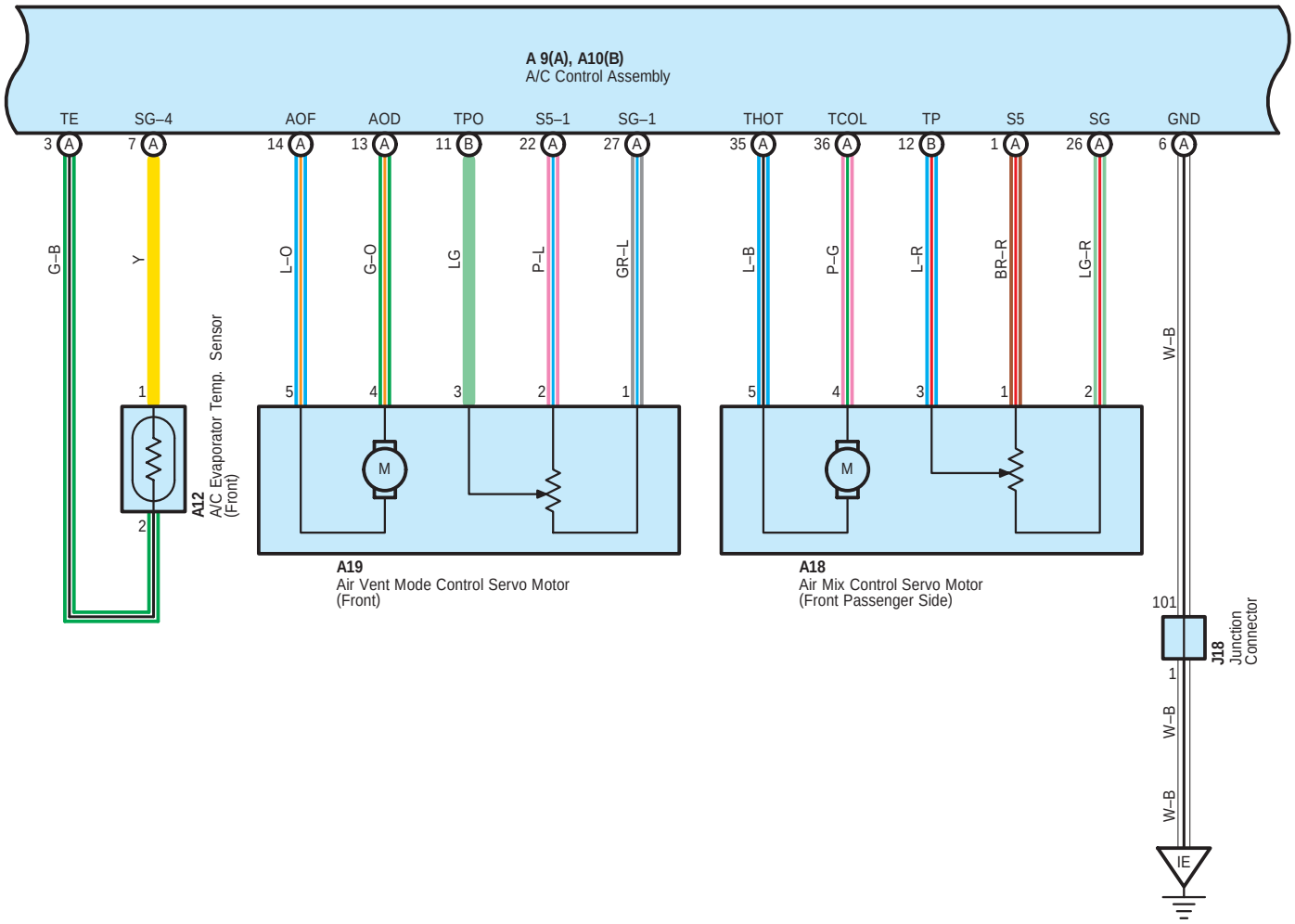
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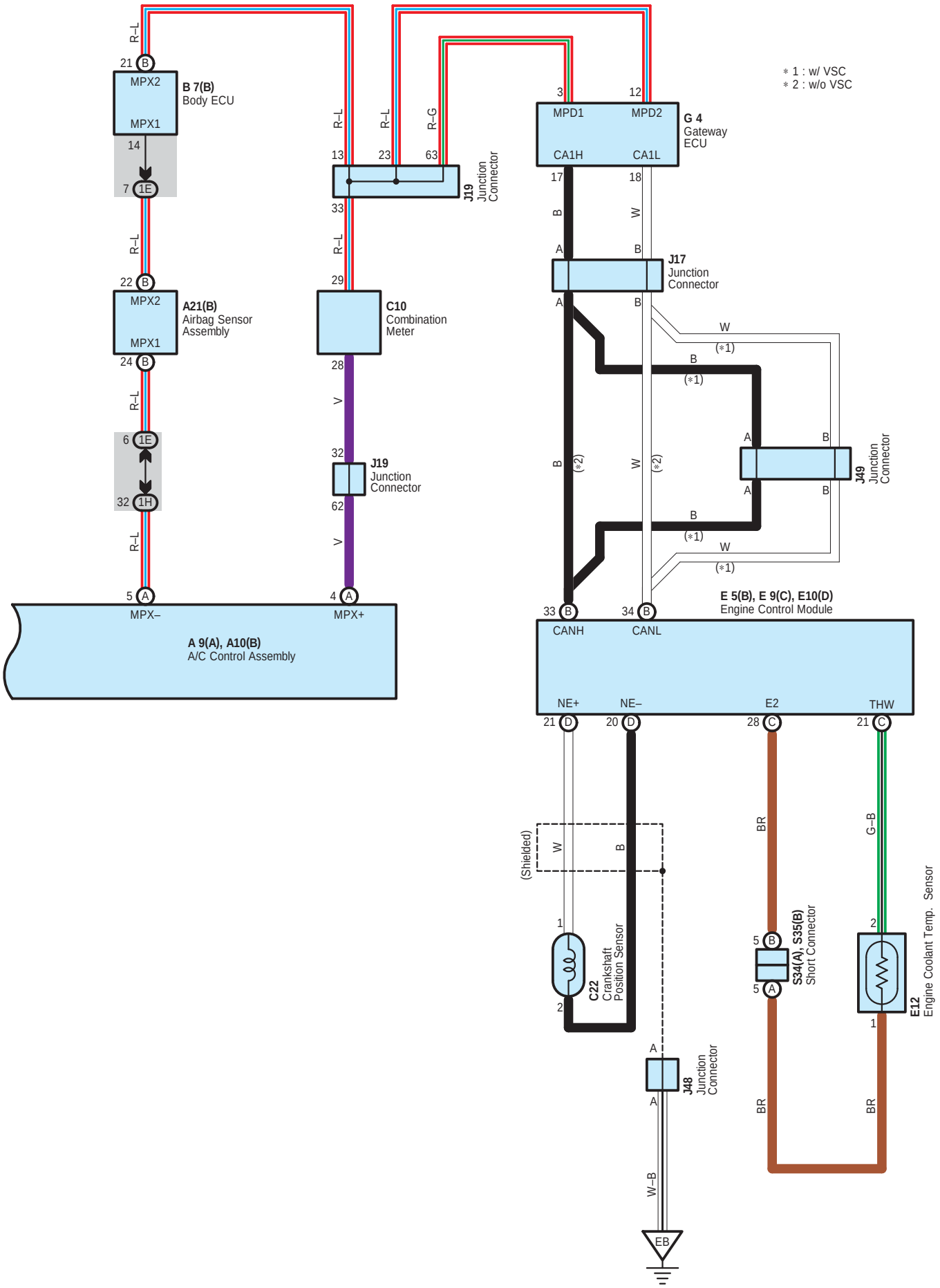
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Manual Air Conditioning (Front)

: Parts Location

Code	See Page	Code	See Page	Code	See Page
A1	36	B5	38	J4 B	40
A9 A	38	B7 B	38	J7 A	40
A10 B	38	C10	39	J8 B	40
A12	38	C22	36	J15	40
A16	38	E5 B	39	J17	40
A18	38	E9 C	39	J18	40
A19	38	E10 D	39	J19	40
A21 B	38	E12	36	J27	40
A31 A	36	F6 A	36	J48	40
A32 B	36	F9 D	36	J49	40
A33	36	F16	39	S34 A	41
B2	38	G4	39	S35 B	41
B4	38	J3 A	40		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
3	26	R/B No.3 (Engine Compartment Left)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1E	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1H	30	
1L	31	
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2G		

: Connector Joining Wire Harness and Wire Harness

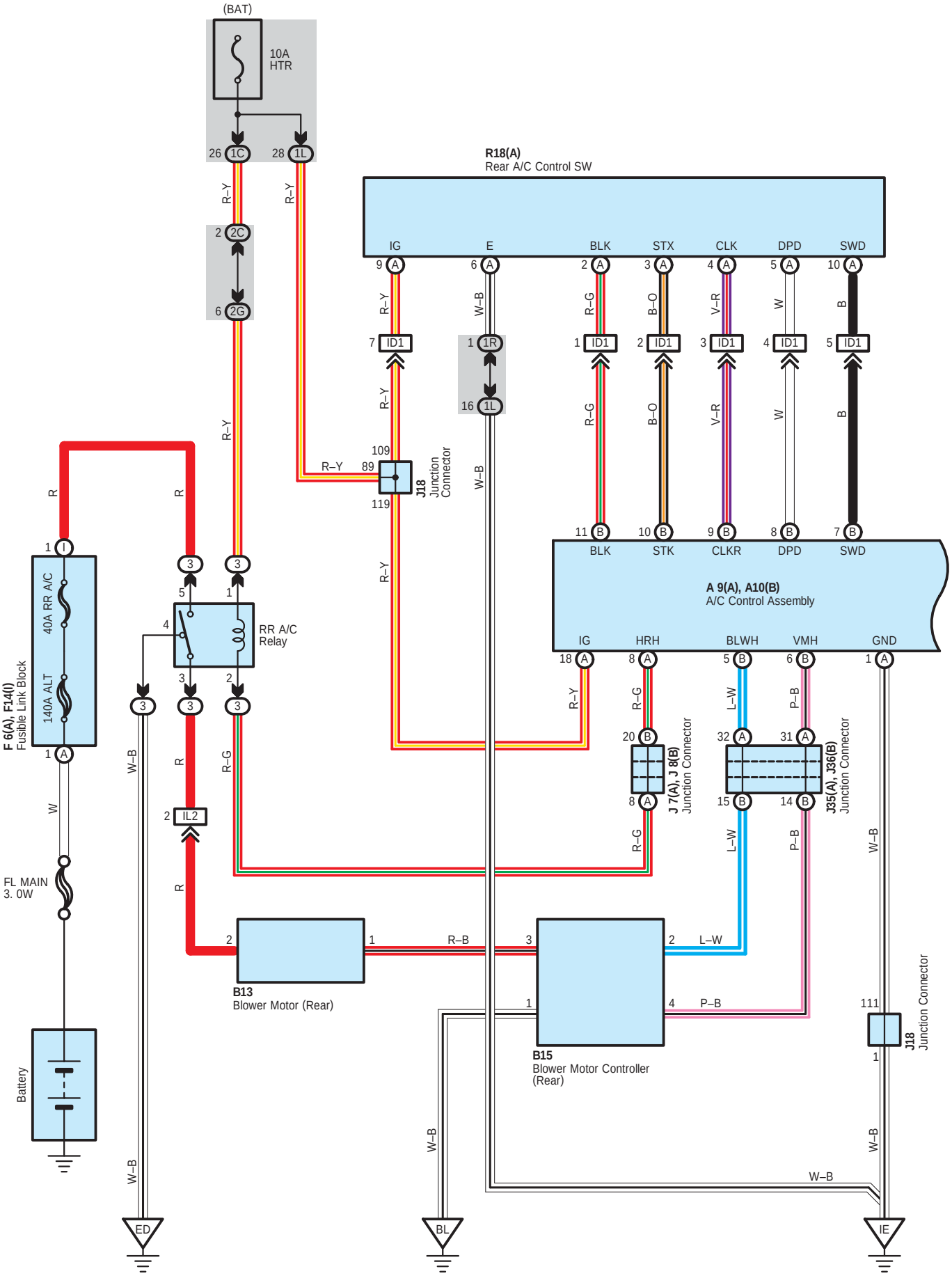
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
II3	53	Engine Wire and Instrument Panel Wire (Right Kick Panel)
IJ1	53	Engine Wire and Engine Room Main Wire (Right Kick Panel)
IK3	53	Engine Room Main Wire and Instrument Panel Wire (Right Kick Panel)

: Ground Points

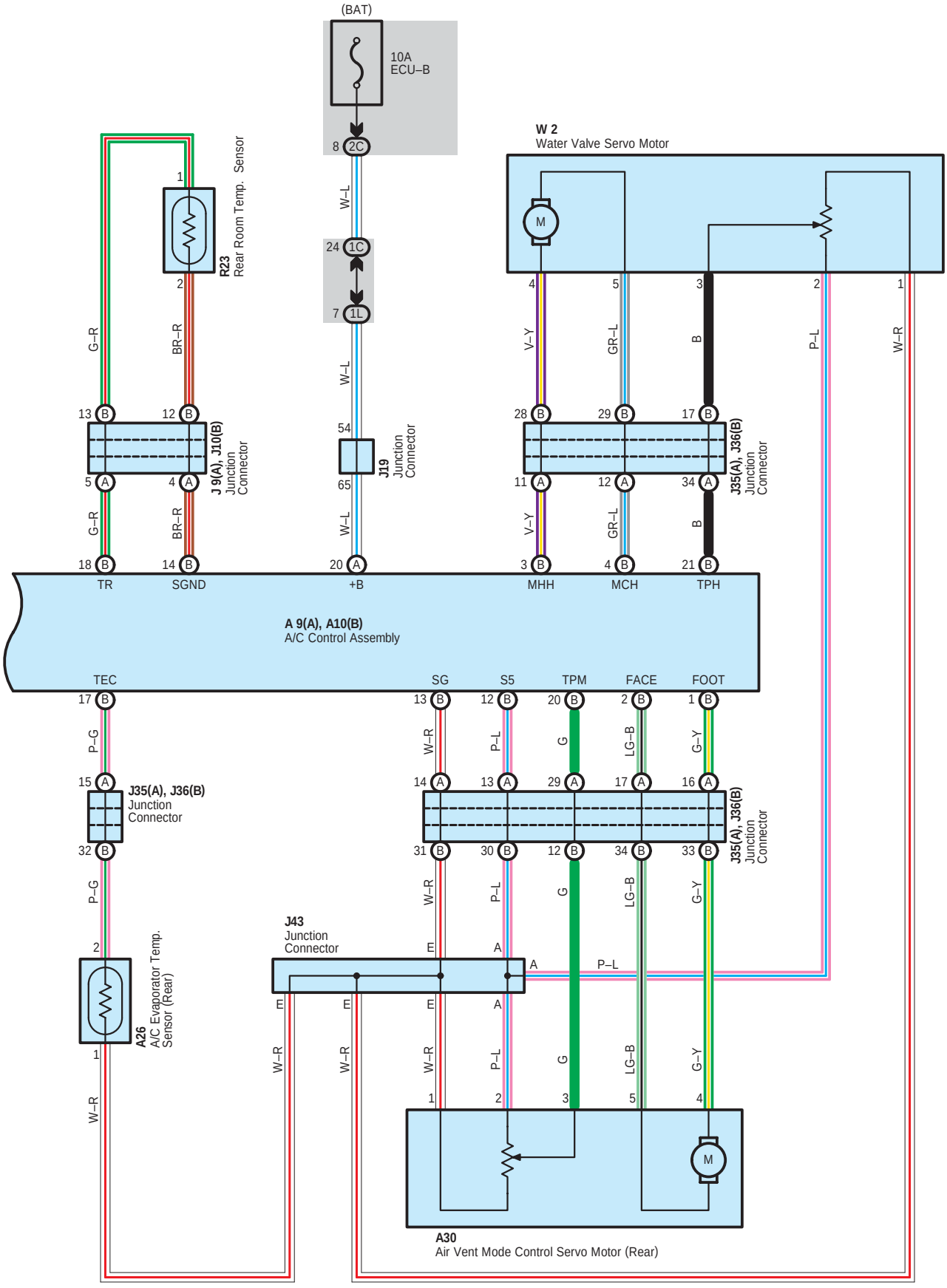
Code	See Page	Ground Points Location
EA	50	Front Side of the Right Fender Apron
EB	50	Rear Bank of Right Cylinder Head
ED	50	Front Side of the Left Fender Apron
IE	52	Left Kick Panel
IG	52	Right Kick Panel

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Automatic Air Conditioning (Rear)

: Parts Location

Code	See Page	Code	See Page	Code	See Page
A9 A	38	F14 I	36	J35 A	40
A10 B	38	J7 A	40	J36 B	40
A26	42	J8 B	40	J43	43
A30	42	J9 A	40	R18 A	45
B13	42	J10 B	40	R23	45
B15	42	J18	40	W2	45
F6 A	36	J19	40		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
3	26	R/B No.3 (Engine Compartment Left)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1L	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1R	31	Roof Wire and Driver Side J/B (Lower Finish Panel)
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2G		

: Connector Joining Wire Harness and Wire Harness

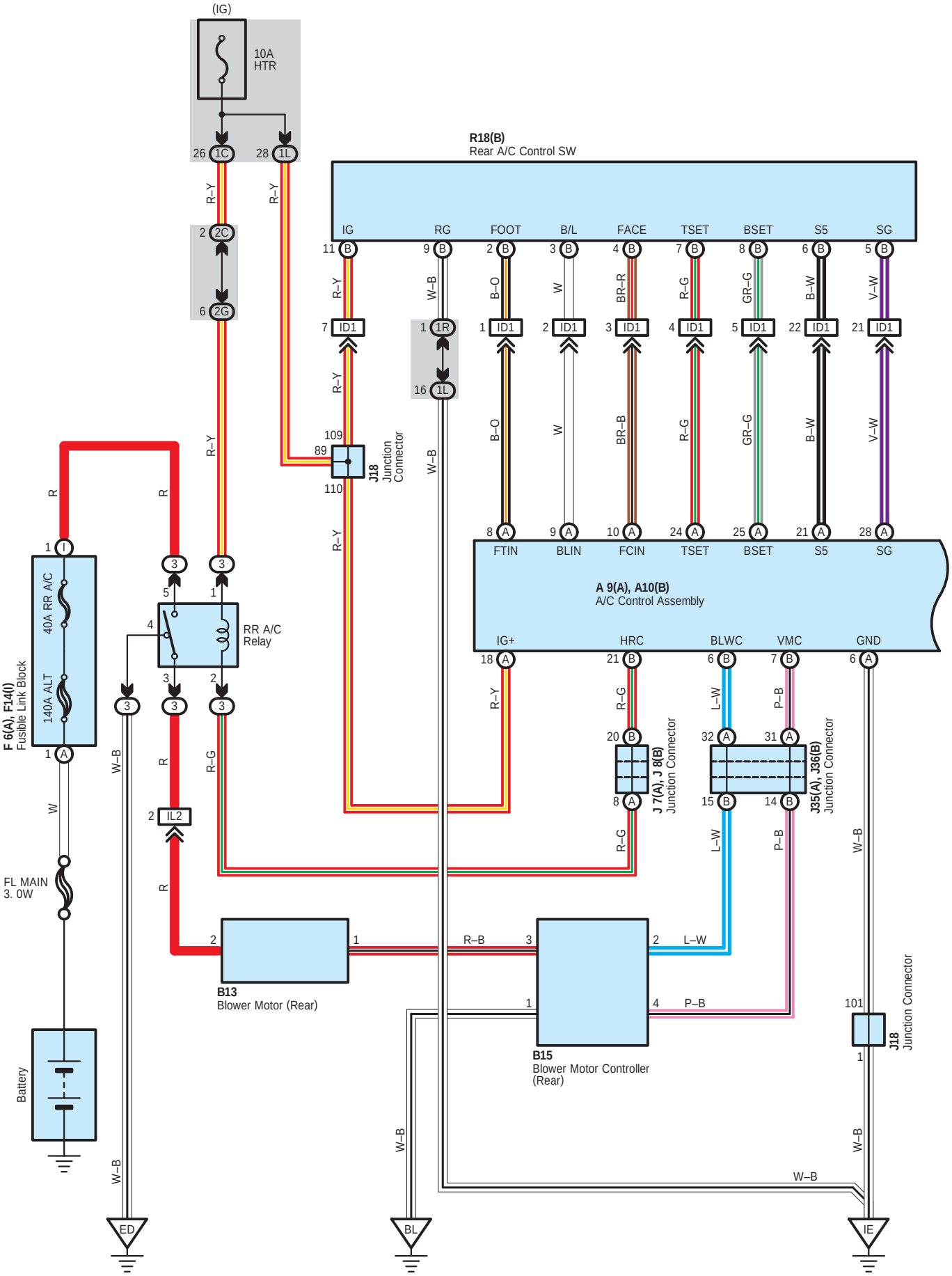
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
ID1	52	Roof Wire and Instrument Panel Wire (Near the Driver Side J/B)
IL2	53	Engine Room Main Wire and Floor No.2 Wire (Right Kick Panel)

: Ground Points

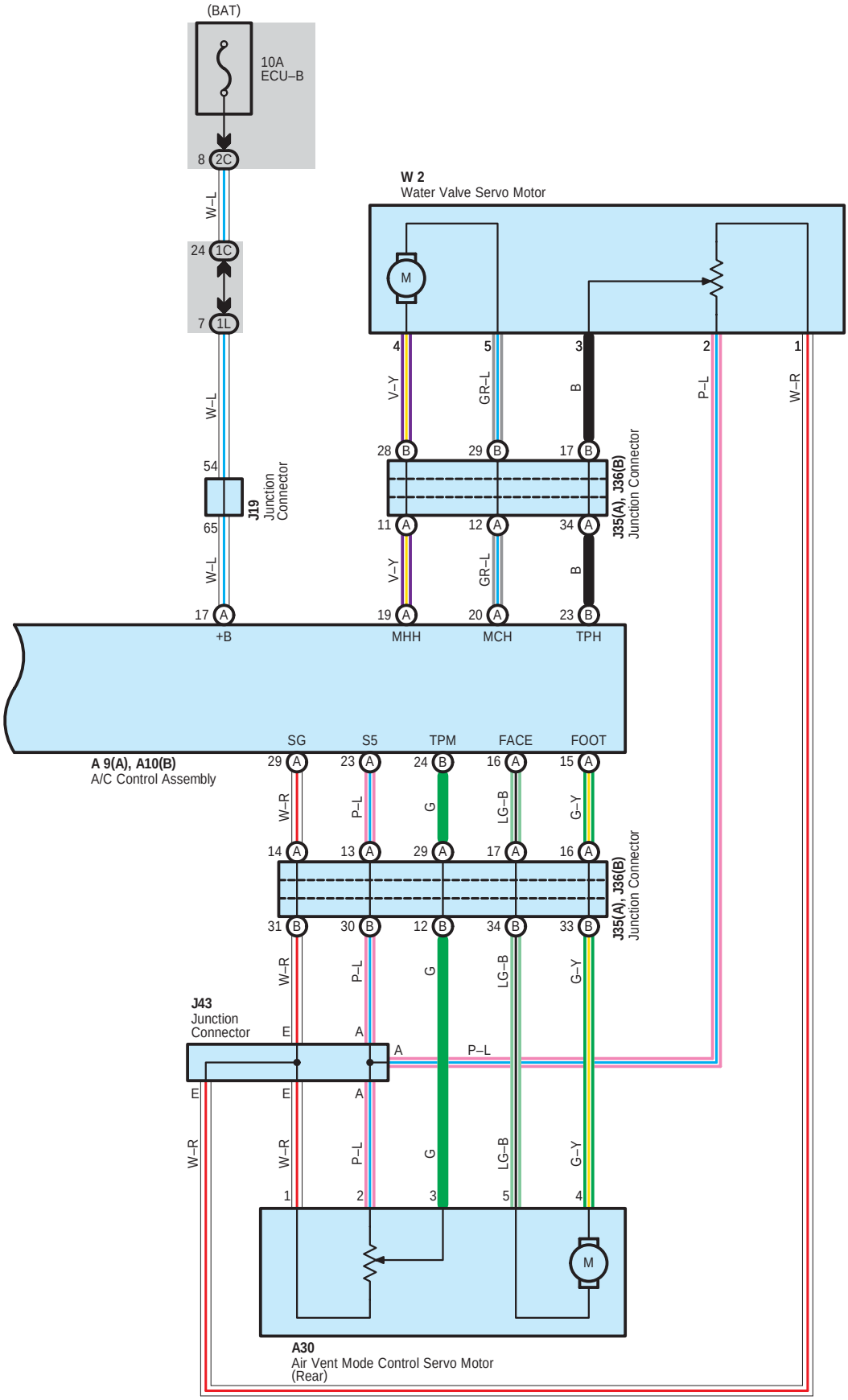
Code	See Page	Ground Points Location
ED	50	Front Side of the Left Fender Apron
IE	52	Left Kick Panel
BL	54	Right Rear Quarter Panel

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Manual Air Conditioning (Rear)

: Parts Location

Code	See Page	Code	See Page	Code	See Page
A9 A	38	F14 I	36	J36 B	40
A10 B	38	J7 A	40	J43	43
A30	42	J8 B	40	R18 B	45
B13	42	J18	40	W2	45
B15	42	J19	40		
F6 A	36	J35 A	40		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
3	26	R/B No.3 (Engine Compartment Left)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1L	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1R	31	Roof Wire and Driver Side J/B (Lower Finish Panel)
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2G		

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
ID1	52	Roof Wire and Instrument Panel Wire (Near the Driver Side J/B)
IL2	53	Engine Room Main Wire and Floor No.2 Wire (Right Kick Panel)

: Ground Points

Code	See Page	Ground Points Location
ED	50	Front Side of the Left Fender Apron
IE	52	Left Kick Panel
BL	54	Right Rear Quarter Panel

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