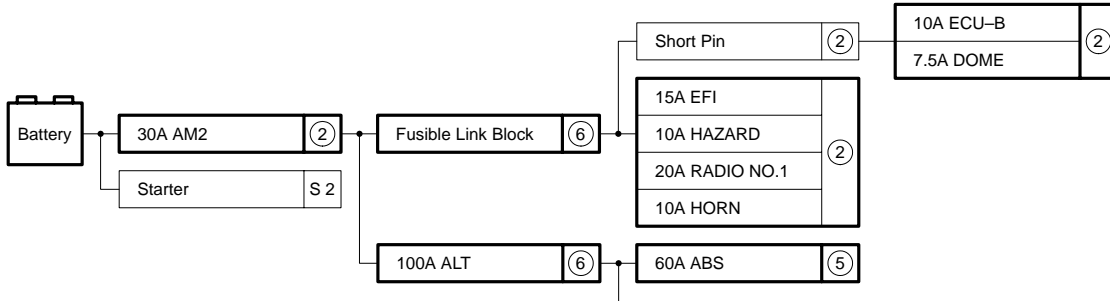


The "Current Flow Chart" section, describes which parts each power source (fuses, fusible links, and circuit breakers) transmits current to. In the Power Source circuit diagram, the conditions when battery power is supplied to each system are explained. Since all System Circuit diagrams start from the power source, the power source system must be fully understood.

J POWER SOURCE (Current Flow Chart)

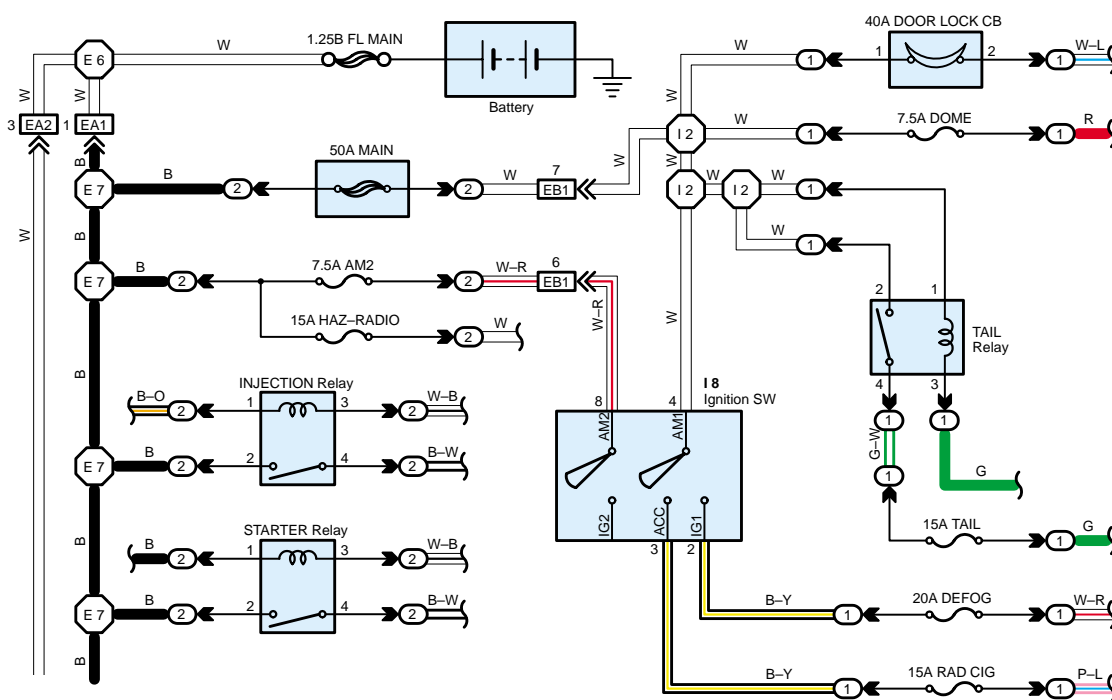
The chart below shows the route by which current flows from the battery to each electrical source (Fusible Link, Circuit Breaker, Fuse, etc.) and other parts.



Engine Room R/B (See Page 20)

Fuse	System	Page
20A	STOP	ABS
		ABS and Traction Control
		Cruise Control
		Electronically Controlled Transmission
		Multiplex Communication System
10A	DOME	Cigarette Lighter
		Combination Meter
		Headlight
		Interior Light
		Key Reminder and Seat Belt Warning
		Light Auto Turn Off
		Light Deterrent and Door Lock

Power Source

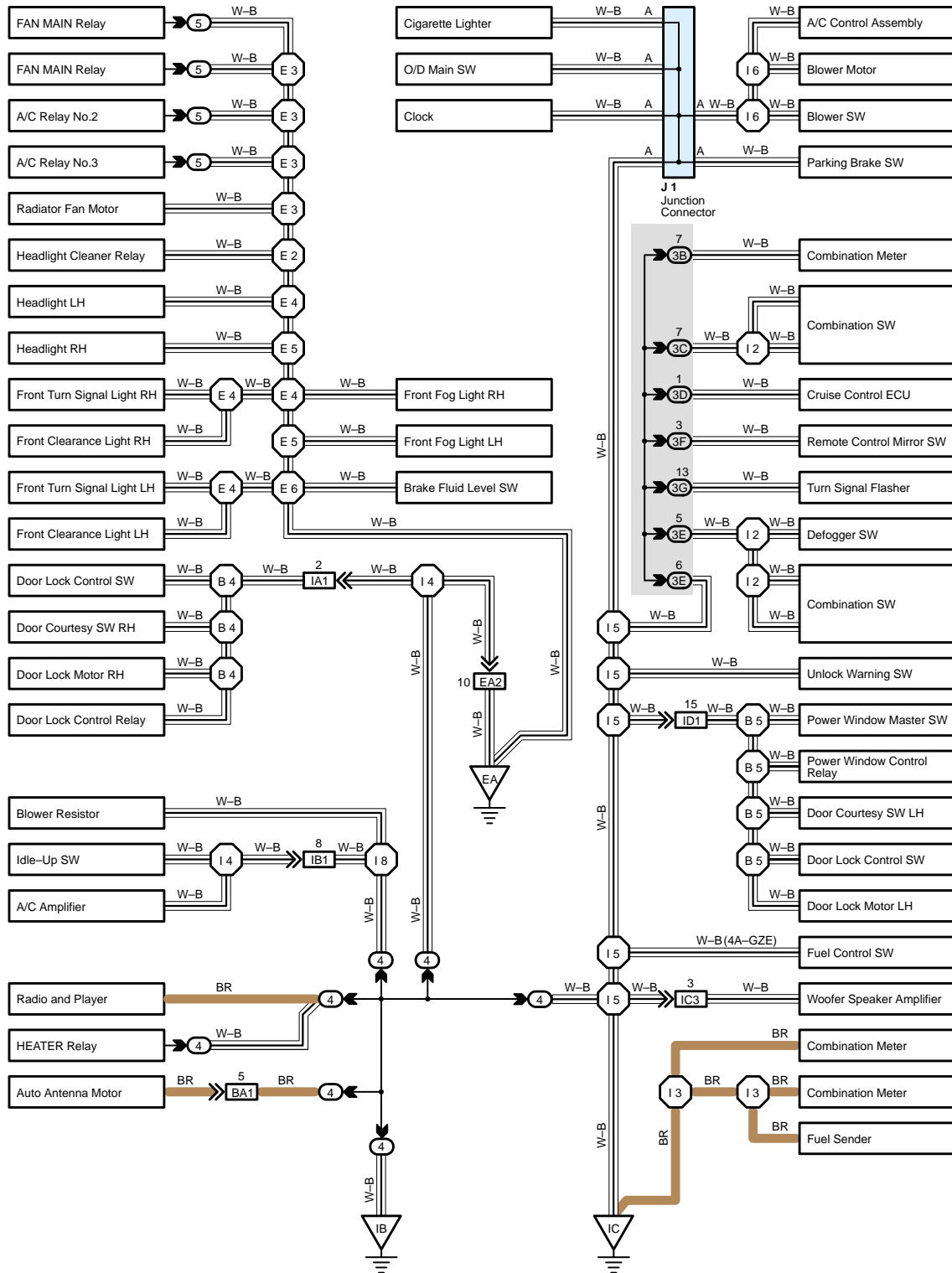


* The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the SYSTEM CIRCUITS SECTION.

B HOW TO USE THIS MANUAL

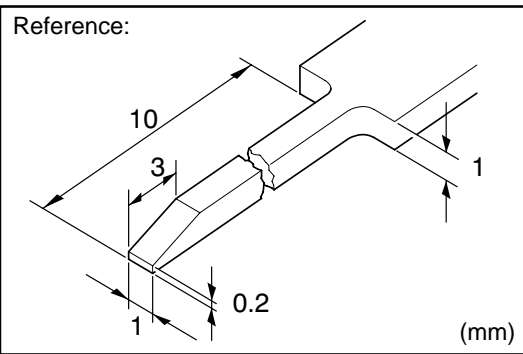
The ground points circuit diagram shows the connections from all major parts to the respective ground points. When troubleshooting a faulty ground point, checking the system circuits which use a common ground may help you identify the problem ground quickly. The relationship between ground points (∇_{EA} , ∇_{IB} and ∇_{IC} shown below) can also be checked this way.

I GROUND POINT



* The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the SYSTEM CIRCUITS SECTION.

C TROUBLESHOOTING



HOW TO REPLACE TERMINAL (with terminal retainer or secondary locking device)

1. PREPARE THE SPECIAL TOOL

HINT : To remove the terminal from the connector, please construct and use the special tool or like object shown on the left.

2. DISCONNECT CONNECTOR

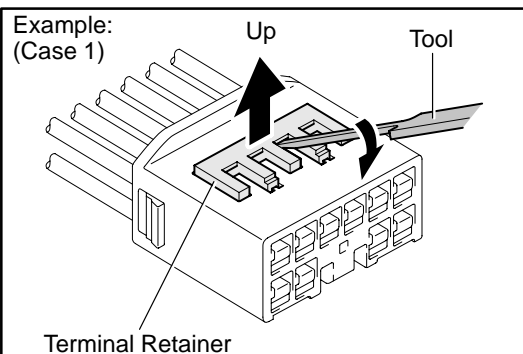
3. DISENGAGE THE SECONDARY LOCKING DEVICE OR TERMINAL RETAINER.

(a) Locking device must be disengaged before the terminal locking clip can be released and the terminal removed from the connector.

(b) Use a special tool or the terminal pick to unlock the secondary locking device or terminal retainer.

NOTICE:

Do not remove the terminal retainer from connector body.

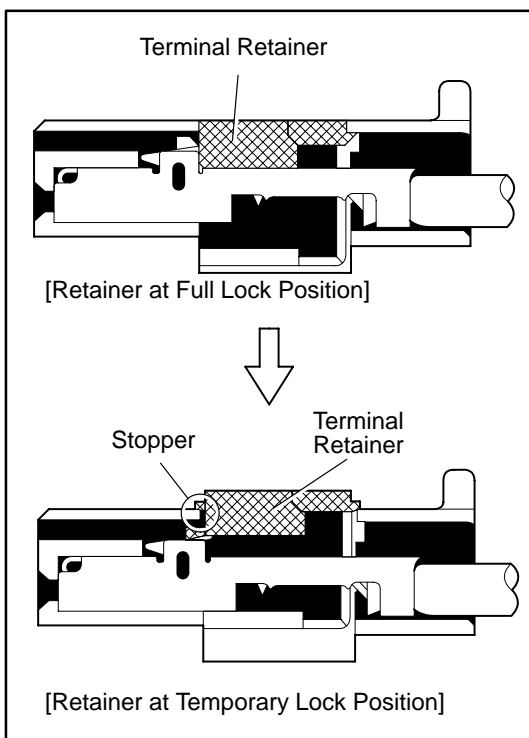


[A] For Non-Waterproof Type Connector

HINT : The needle insertion position varies according to the connector's shape (number of terminals etc.), so check the position before inserting it.

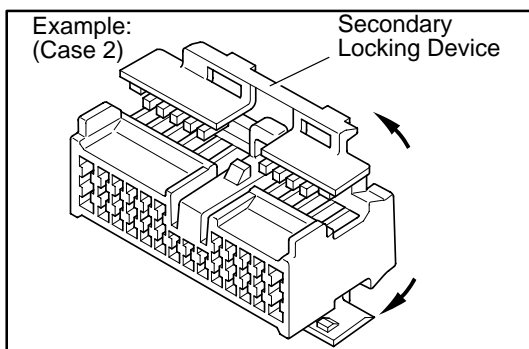
"Case 1"

Raise the terminal retainer up to the temporary lock position.



"Case 2"

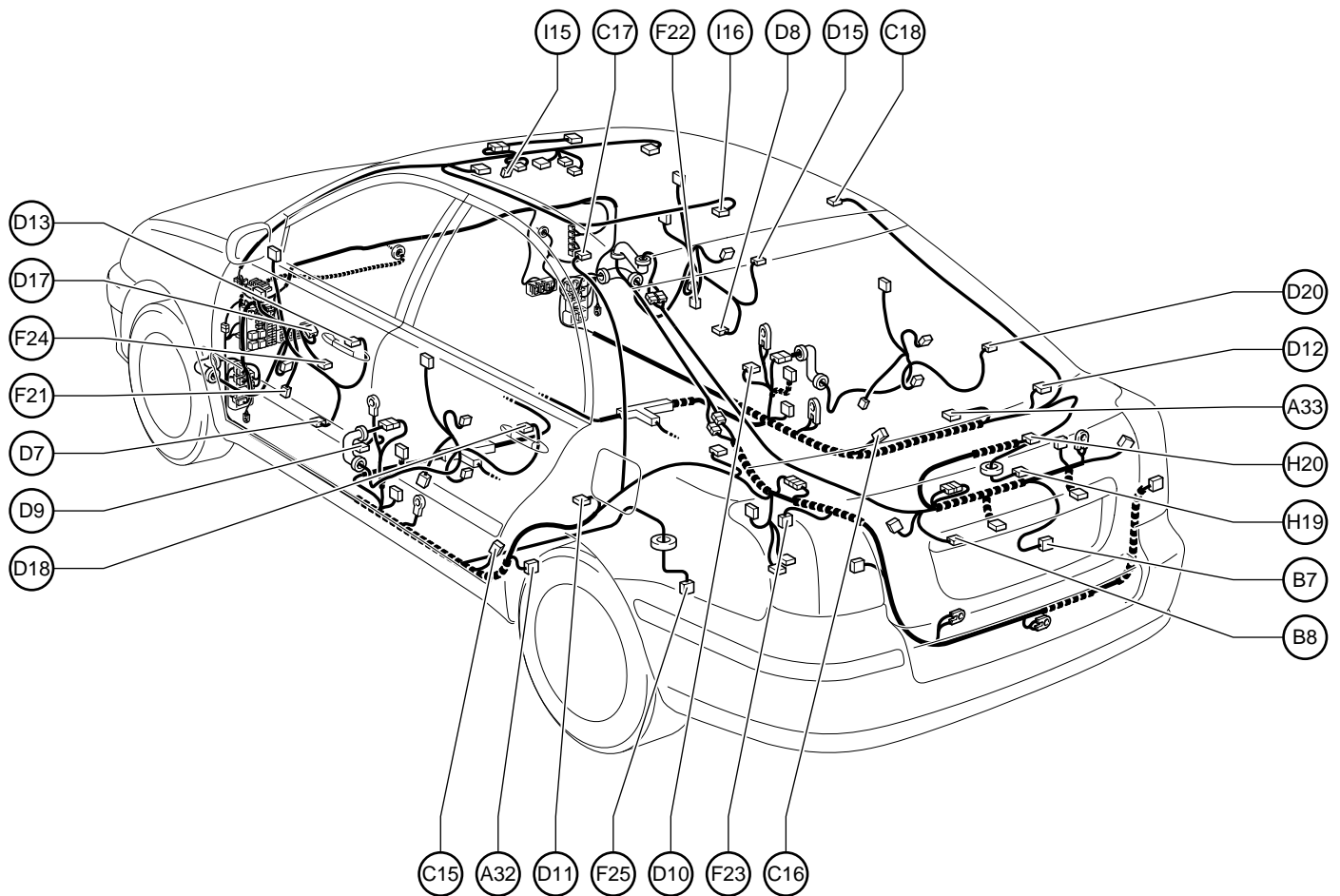
Open the secondary locking device.



G ELECTRICAL WIRING ROUTING

Position of Parts in Body

[LHD : L/B]



A32 ABS Speed Sensor Rear LH
A33 ABS Speed Sensor Rear RH

B 7 Back Door Courtesy SW
Back Door Lock Motor
B 8 Back Door Opener SW

C15 Curtain Shield Airbag Sensor LH
C16 Curtain Shield Airbag Sensor RH
C17 Curtain Shield Airbag Squib LH
C18 Curtain Shield Airbag Squib RH

D 7 Door Courtesy Light LH
D 8 Door Courtesy Light RH
D 9 Door Courtesy SW Front LH
D10 Door Courtesy SW Front RH
D11 Door Courtesy SW Rear LH
D12 Door Courtesy SW Rear RH
D13 Door Key Lock and Unlock SW (Driver's Side)
Door Lock Control Motor (Driver's Side)
Door Unlock Detection SW (Driver's Side)

D15 Door Lock Control Motor (Front Passenger's Side)
D17 Door Lock Control SW
Power Window Master SW
D18 Door Lock Motor Rear LH
D20 Door Lock Motor Rear RH

F21 Front Door Speaker LH
F22 Front Door Speaker RH
F23 Fuel Lid Opener Motor
F24 Fuel Lid Opener SW
F25 Fuel Pump
Fuel Sender

H19 Height Control Sensor (Rear)
H20 High Mounted Stop Light

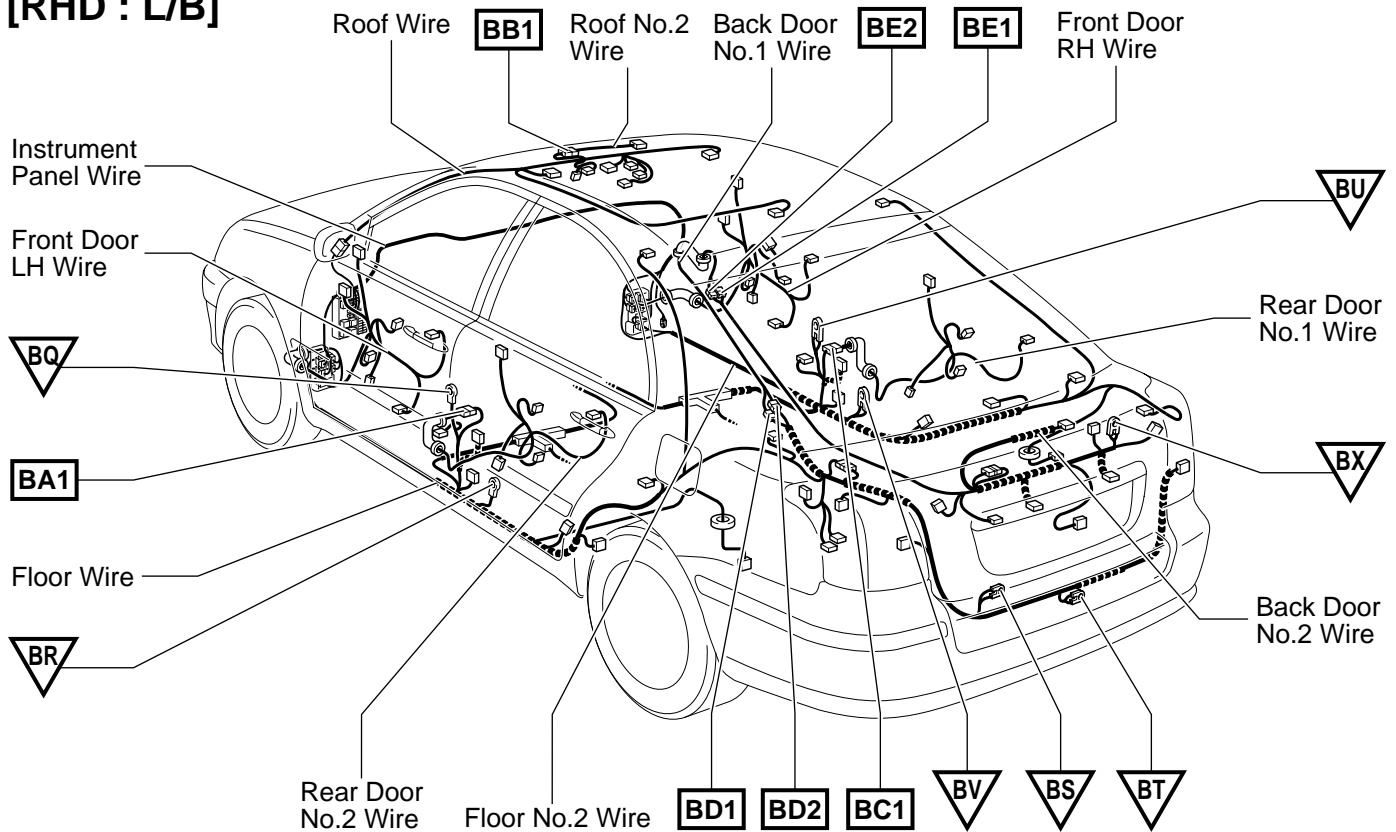
I 15 Inner Mirror
I 16 Interior Light

G ELECTRICAL WIRING ROUTING

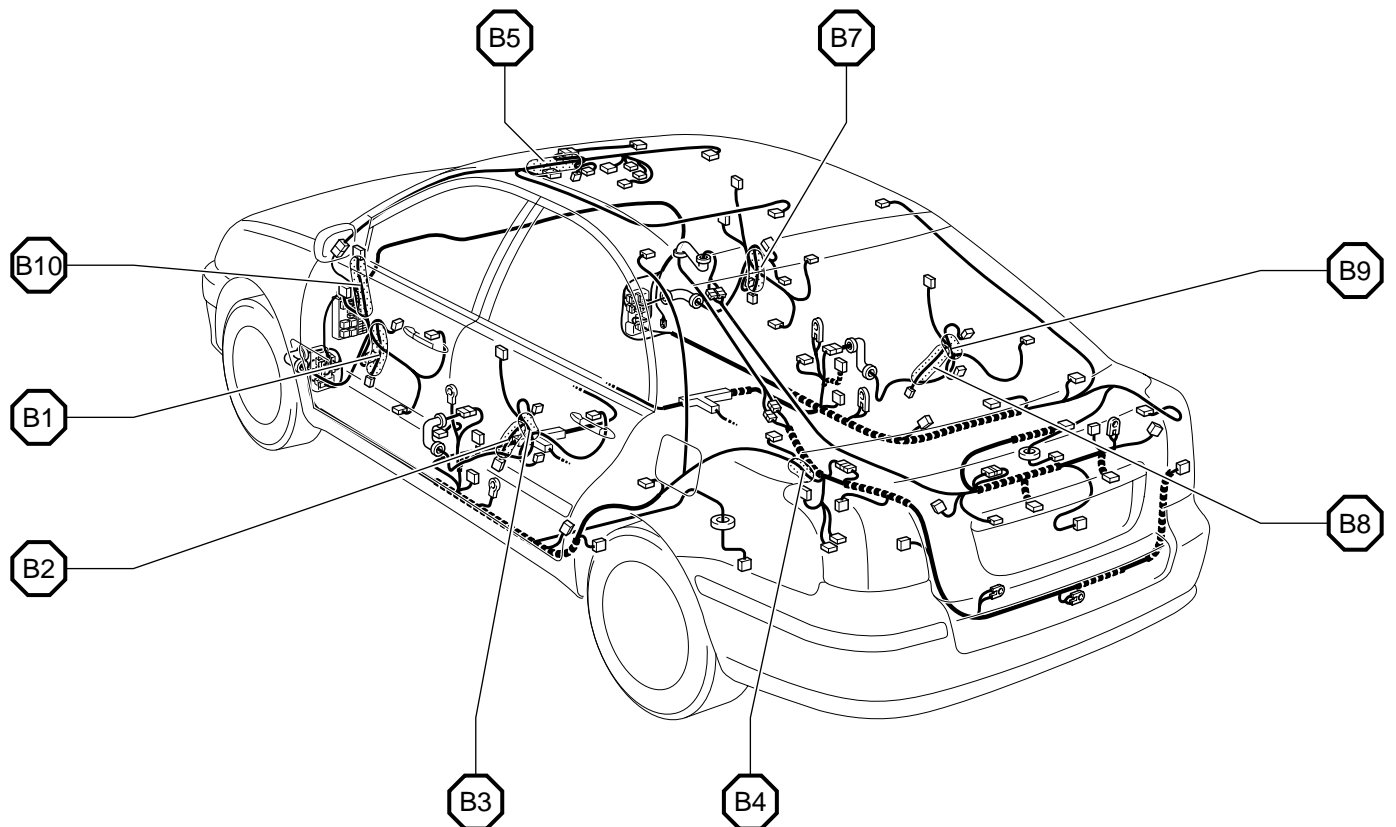
□ : Location of Connector Joining Wire Harness and Wire Harness

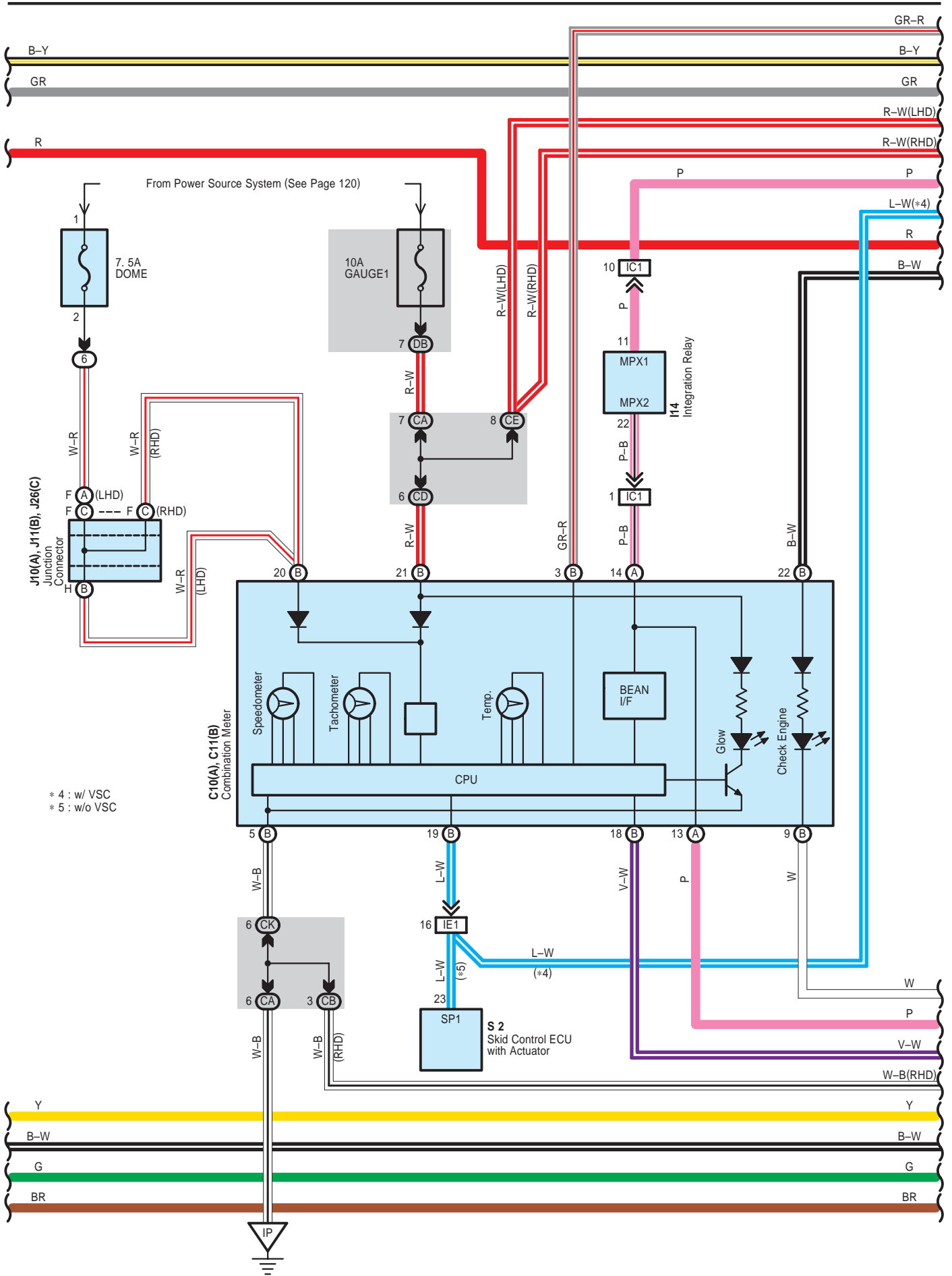
▽ : Location of Ground Points

[RHD : L/B]



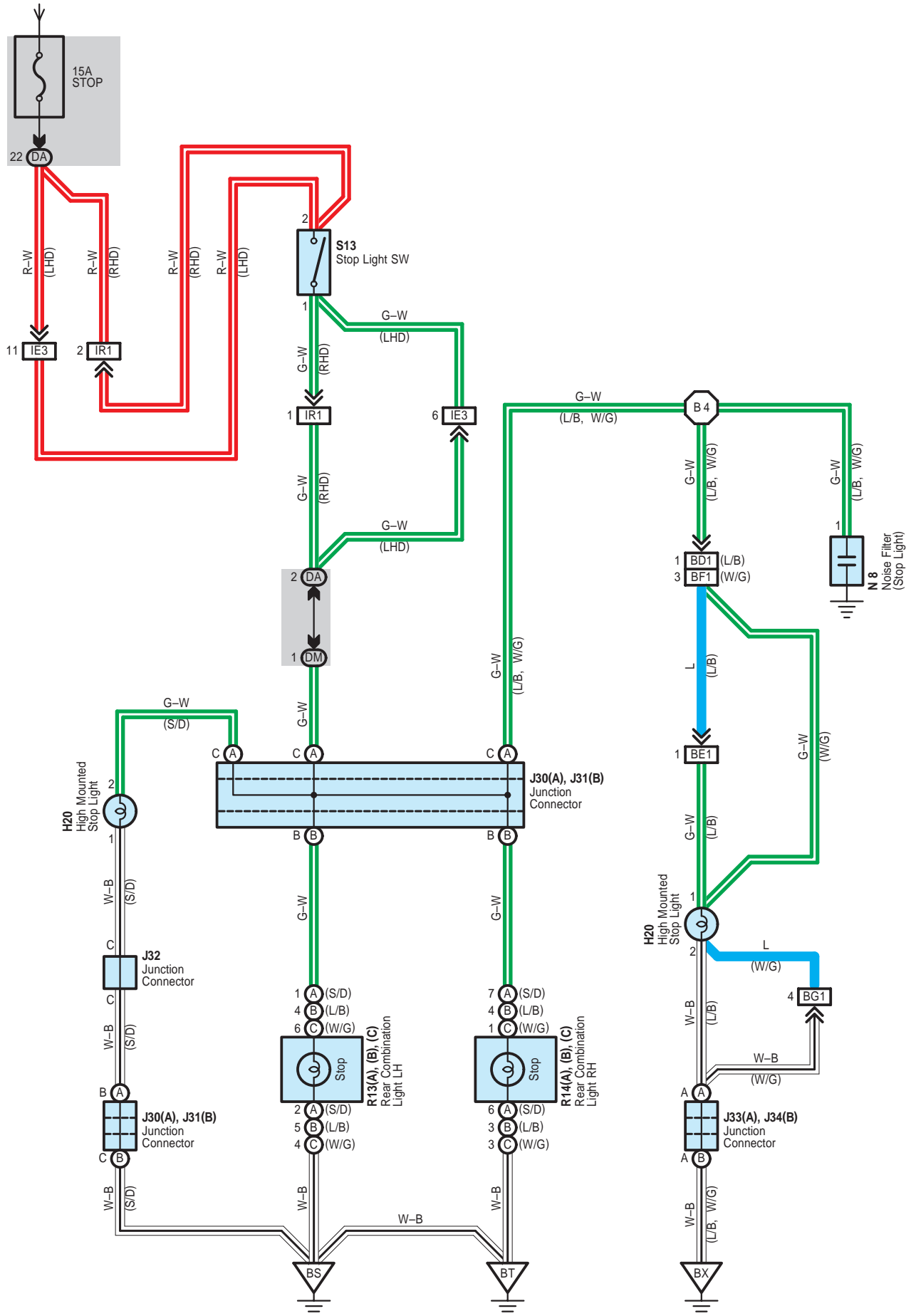
○ : Location of Splice Points



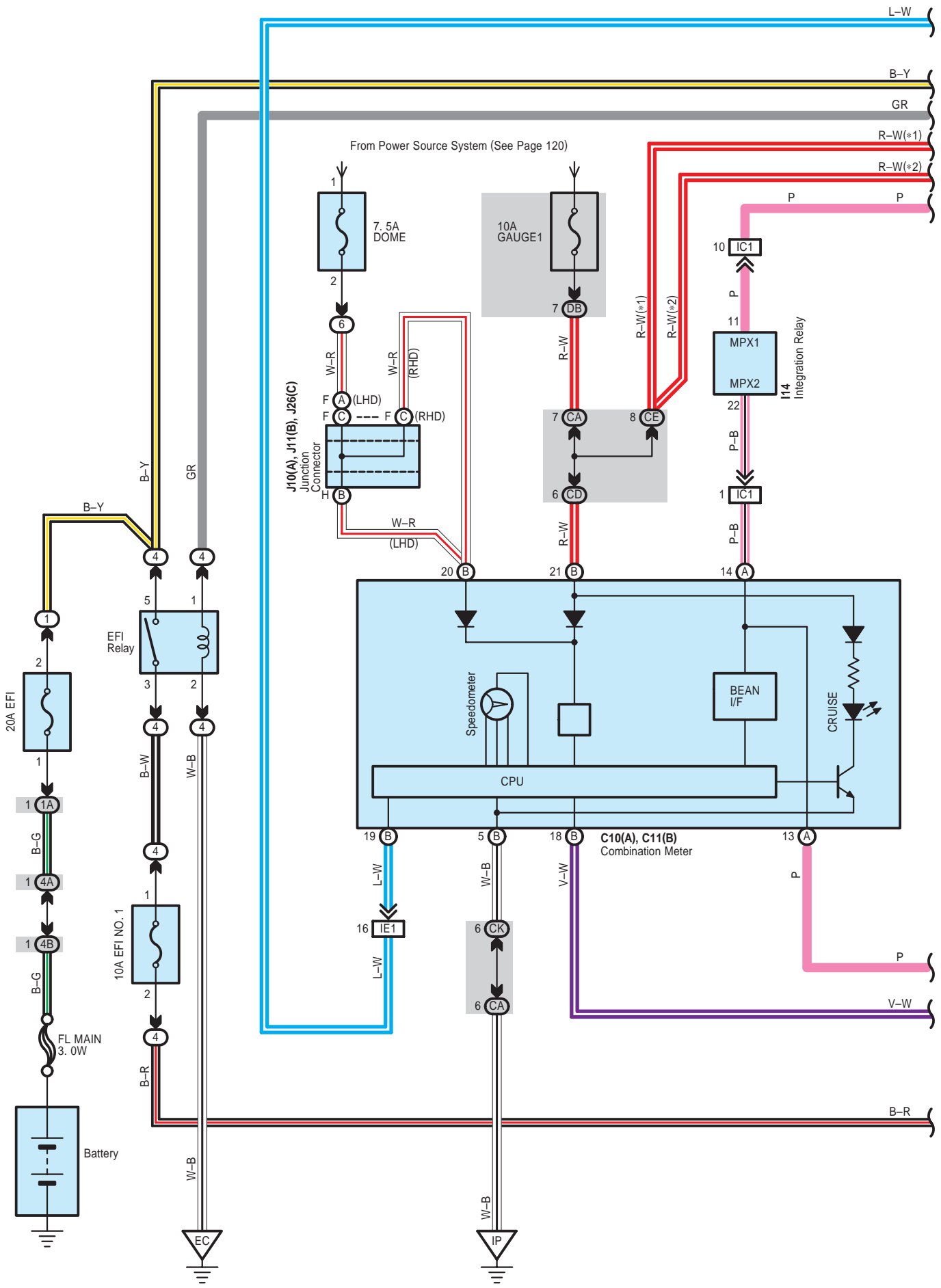


Stop Light

From Power Source System (See Page 120)

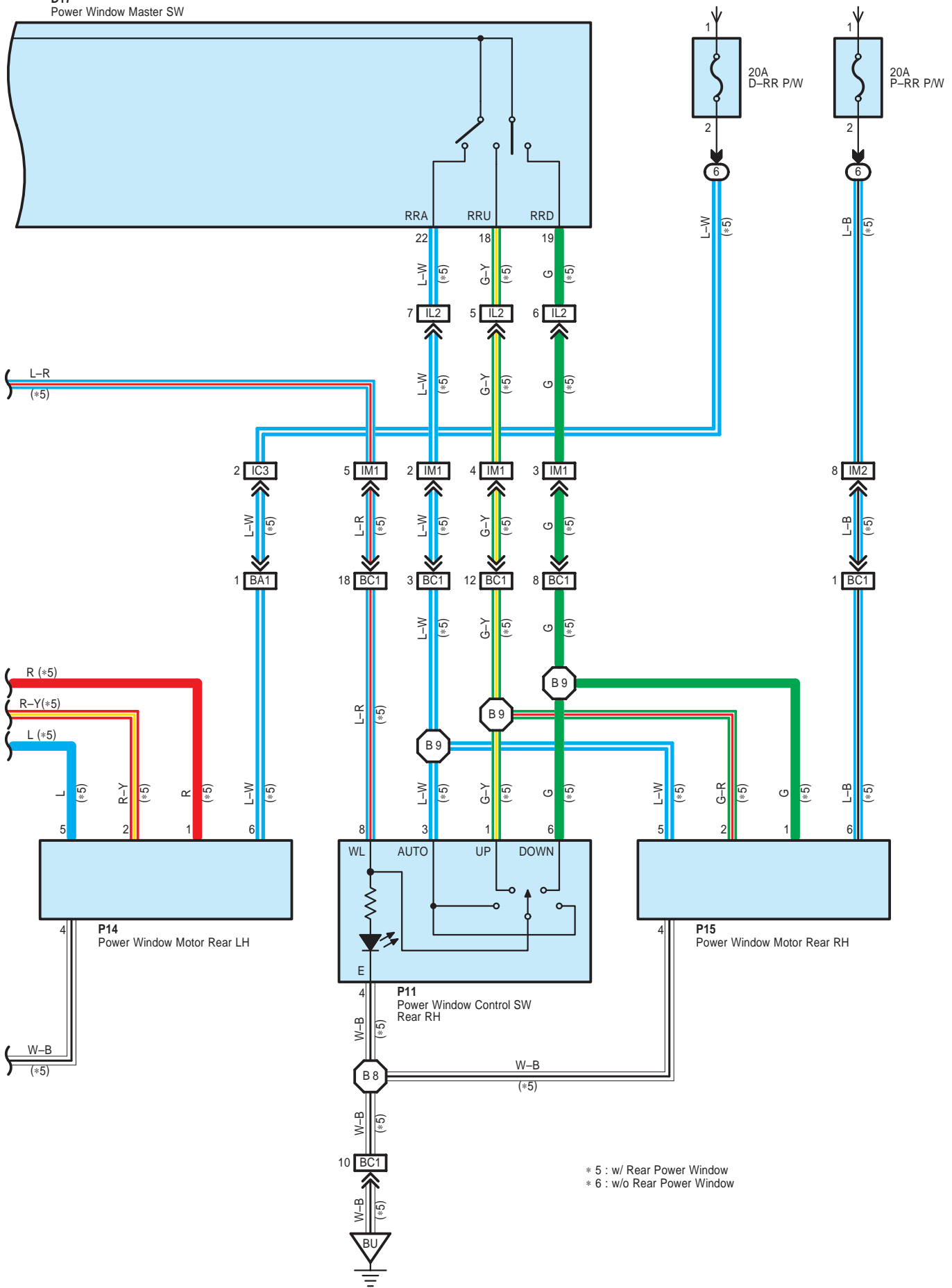


Cruise Control (1AZ-FSE)



D17
Power Window Master SW

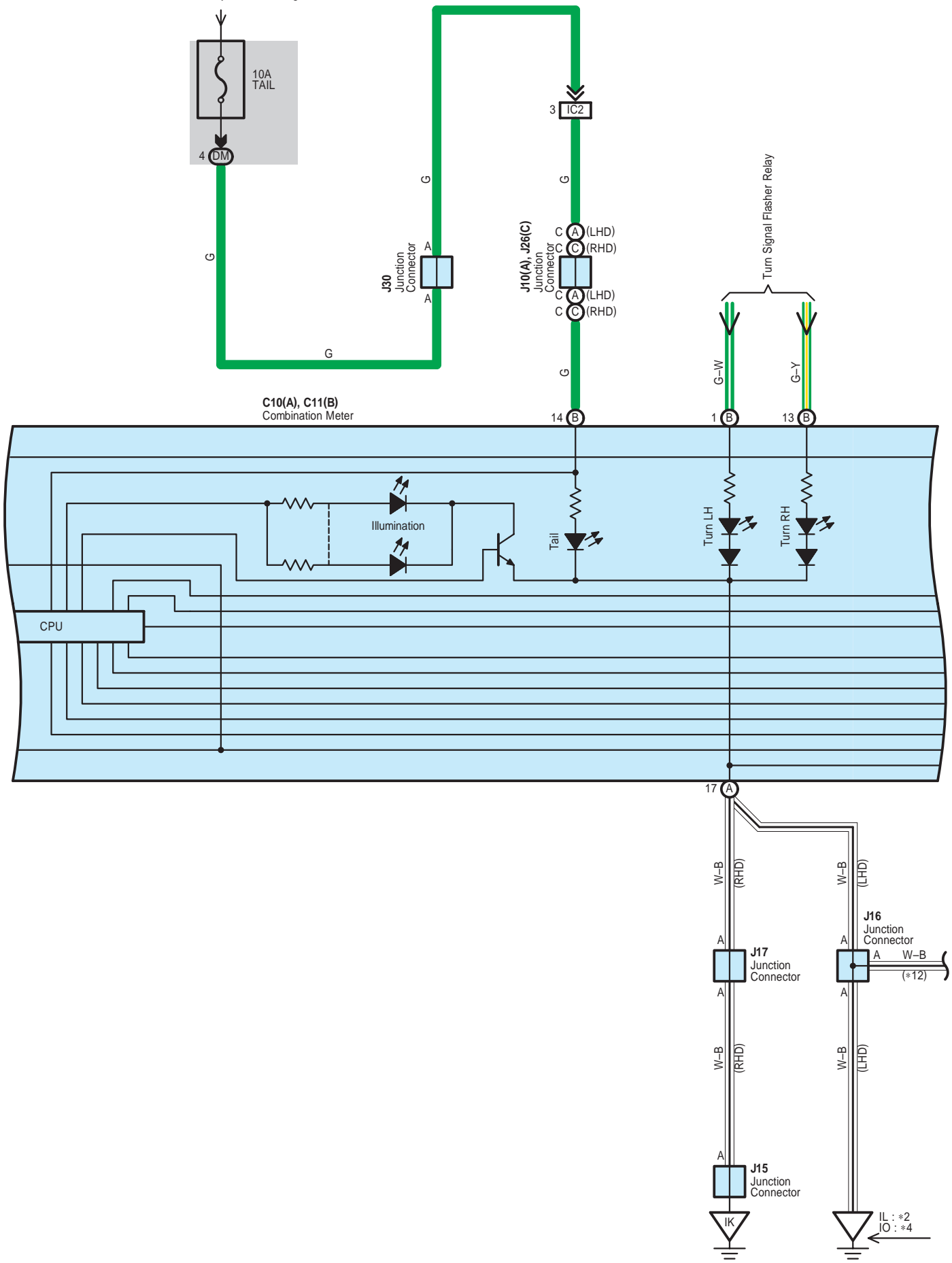
From Power Source System (See Page 120)



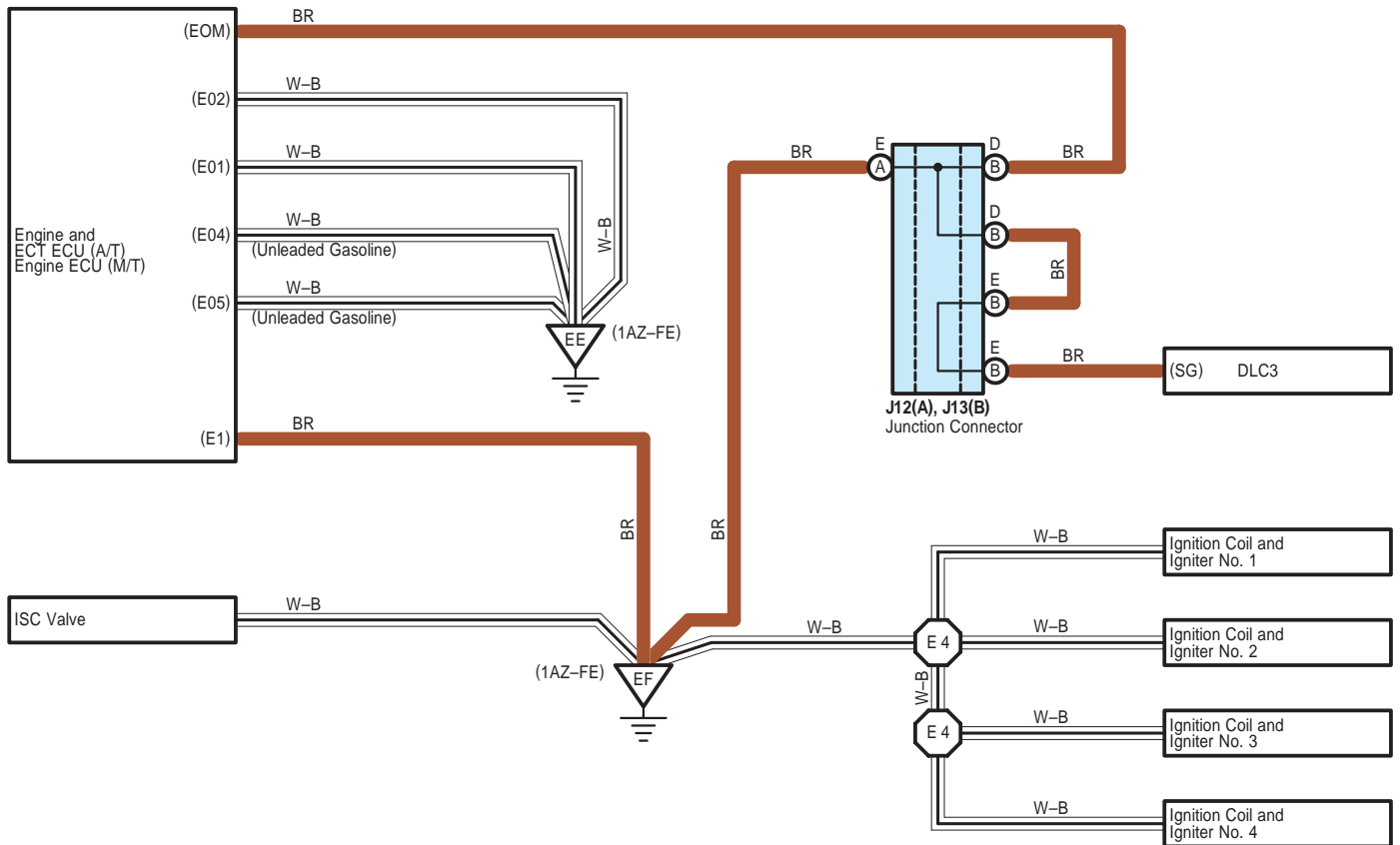
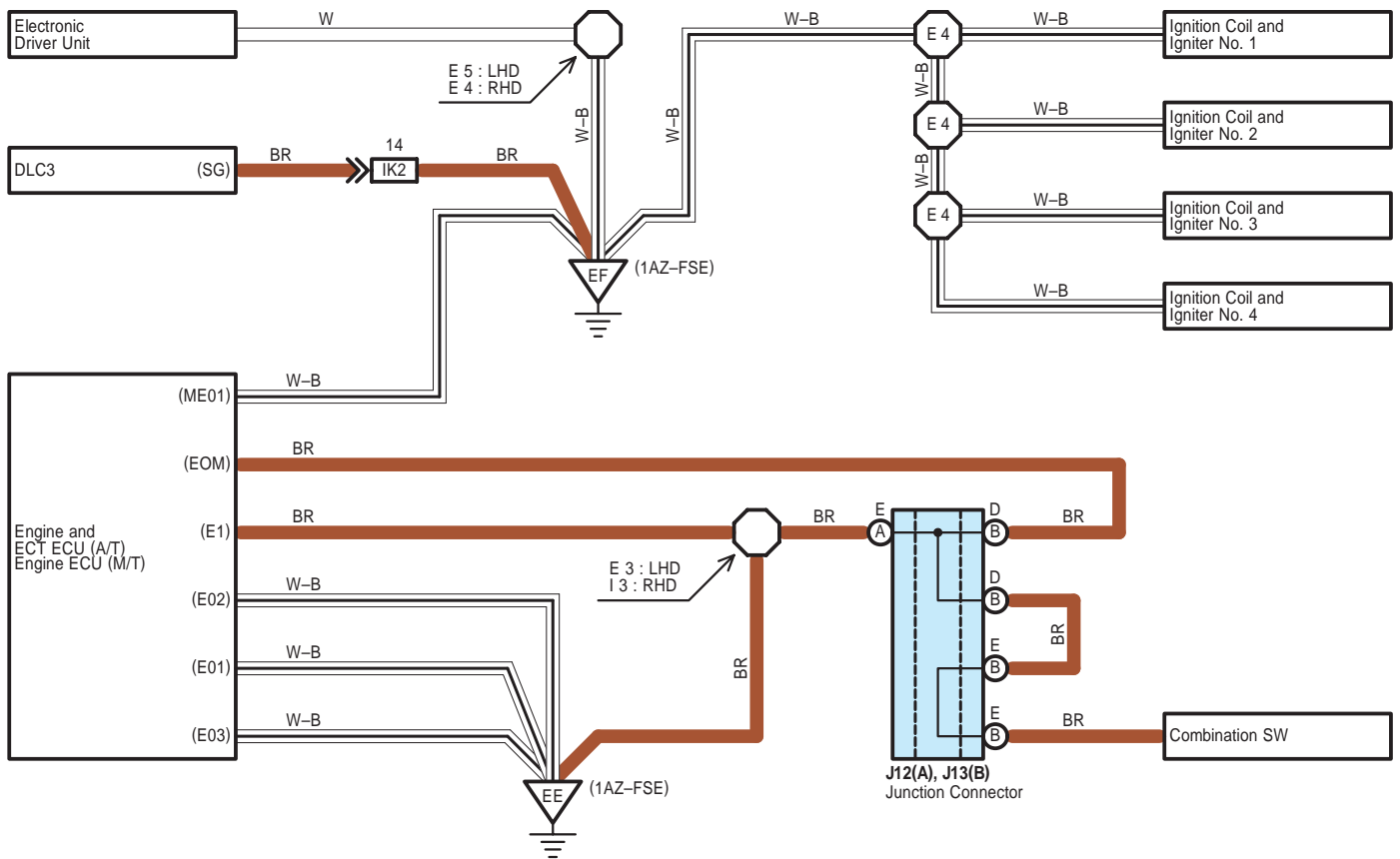
* 5 : w/ Rear Power Window
* 6 : w/o Rear Power Window

Combination Meter

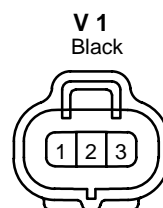
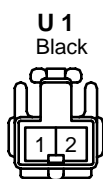
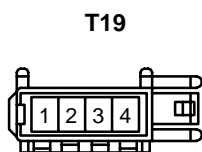
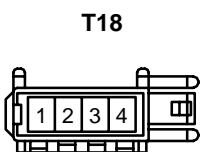
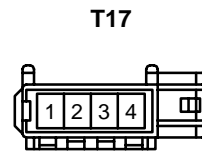
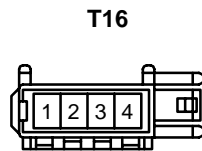
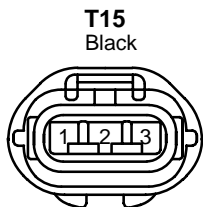
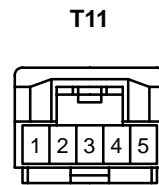
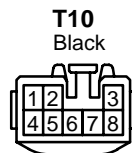
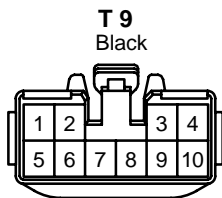
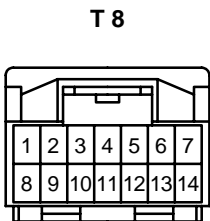
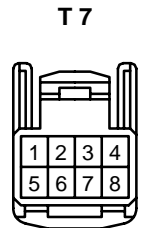
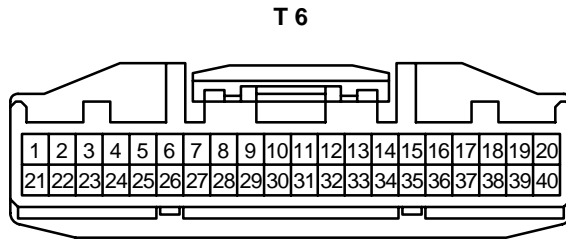
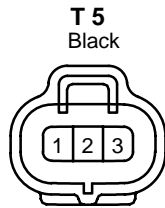
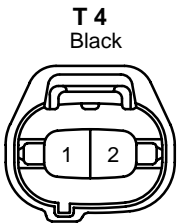
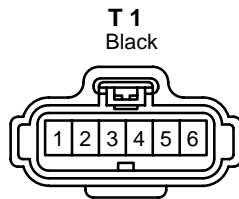
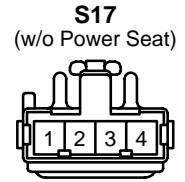
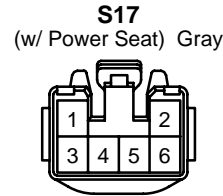
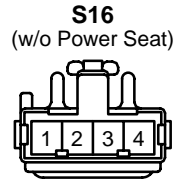
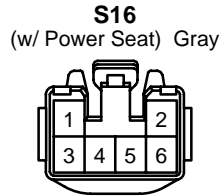
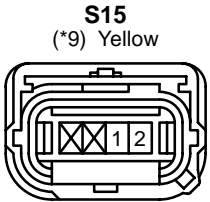
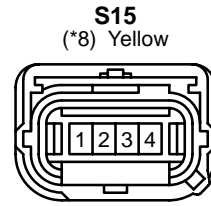
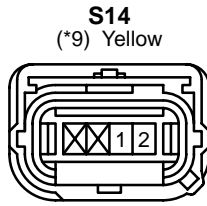
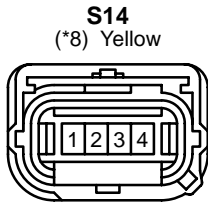
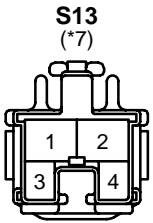
From Power Source System (See Page 120)



I GROUND POINT



*7 : 1AZ-FSE, 1CD-FTV
 *8 : w/ Curtain Shield Airbag
 *9 : w/o Curtain Shield Airbag



L PART NUMBER OF CONNECTORS

Code	Part Name	Part Number	Code	Part Name	Part Number
S14	Side Airbag Sensor LH (w/ Curtain Shield Airbag)	90980-12225			
	Side Airbag Sensor LH (w/o Curtain Shield Airbag)	90980-12352			
S15	Side Airbag Sensor RH (w/ Curtain Shield Airbag)	90980-12225			
	Side Airbag Sensor RH (w/o Curtain Shield Airbag)	90980-12352			
S16	Seat Heater LH (w/ Power Seat)	90980-10797			
	Seat Heater LH (w/o Power Seat)	90980-11090			
S17	Seat Heater RH (w/ Power Seat)	90980-10797			
	Seat Heater RH (w/o Power Seat)	90980-11090			
S18	Side Airbag Squib LH	90980-11864			
S19	Side Airbag Squib RH				
T 1	Throttle Control Motor and Position Sensor	90980-11858			
T 2	Throttle Position Sensor	90980-11261			
T 3	Throttle Position SW	90980-11038			
T 4	Turbine Speed Sensor	90980-11156			
T 5	Turbo Pressure Sensor	90980-10845			
T 6	Theft Deterrent ECU	90980-12169			
T 7	Transmission Control SW	90980-12221			
T 8	Transponder Key Computer	90980-11911			
T 9	TRC Off SW	90980-10801			
T10	Turn Signal Flasher Relay	90980-10799			
T11	Telephone Microphone Amplifier	90980-11909			
T12	Theft Warning Ultrasonic Sensor	90980-12221			
T13	Theft Warning Ultrasonic Sensor Rear LH	90980-11918			
T14	Theft Warning Ultrasonic Sensor Rear RH				
T15	Theft Warning Siren	90980-11349			
T16	Tweeter Front LH	90980-12304			
T17	Tweeter Front RH				
T18	Tweeter Rear LH				
T19	Tweeter Rear RH				
U 1	Unlock Warning SW	90980-10860			
V 1	Vacuum Sensor	90980-10845			
V 2	Vacuum SW	90980-11252			
V 3	Variable Resistor	90980-10902			
V 4	VRV (EGR)	90980-11162			
V 5	VSV (EVAP)	90980-10572			
V 6	VSV (Intake Air Control Valve)	90980-11149			
V 7	VSC Warning Buzzer	90980-10906			
V 8	Vanity Light LH	90980-11918			
V 9	Vanity Light RH				
W 1	Water Temp. SW (Radiator Fan)	90980-11235			
W 2	Wiper Relay	90080-98318			
Y 1	Yaw Rate Sensor	90080-98249			
Z 1	Option Connector (Navigation ECU)	82824-30240			
Z 2	Option Connector (Navigation ECU)	90980-11973			

Note: Not all of the above part numbers of the connector are established for the supply.

Multiplex Communication System (RHD)

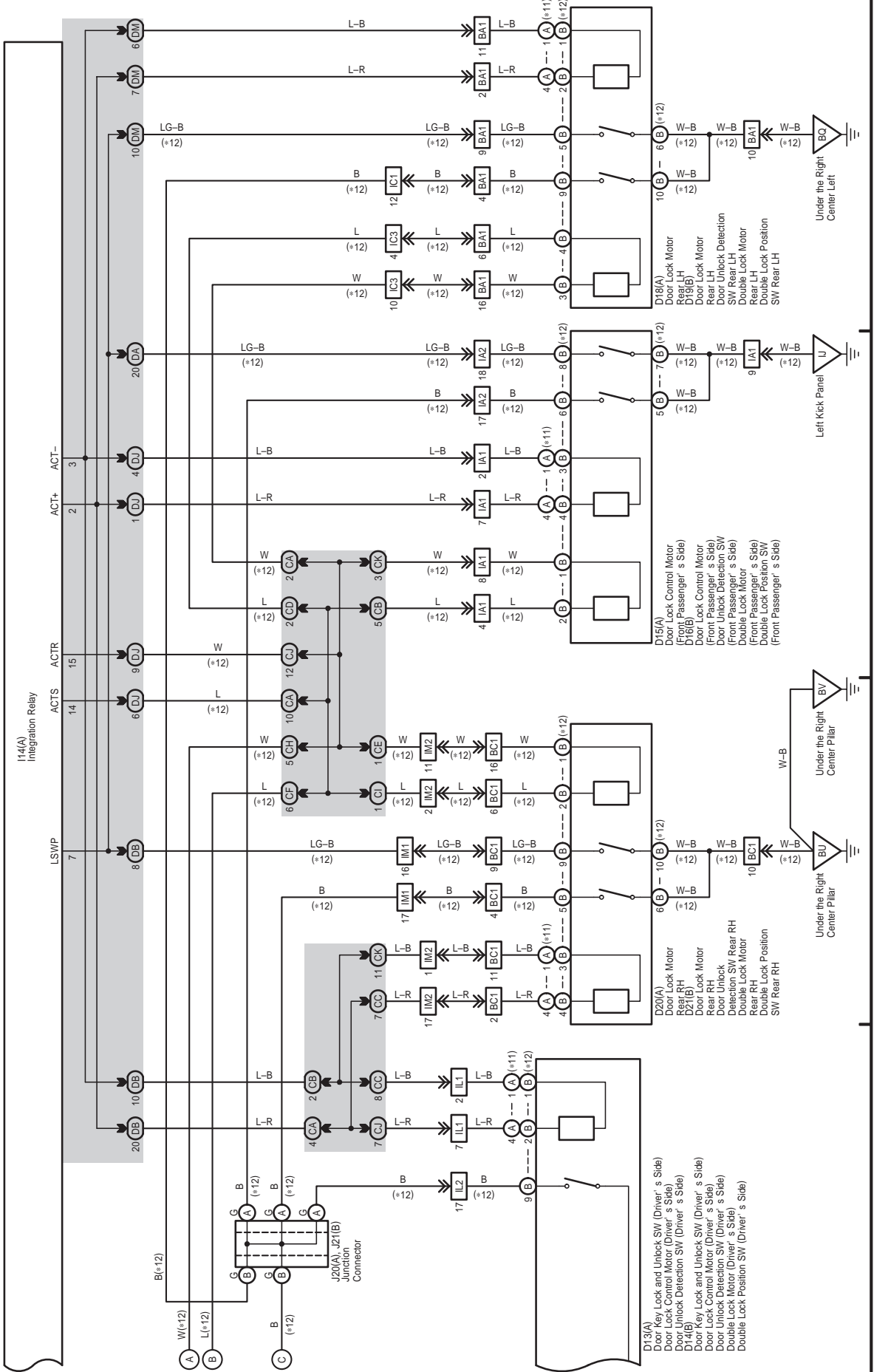
*11: w/o Double Locking
*12: w/ Double Locking

21

22

23

24



ECT and A/T Indicator (1AZ-FSE)

