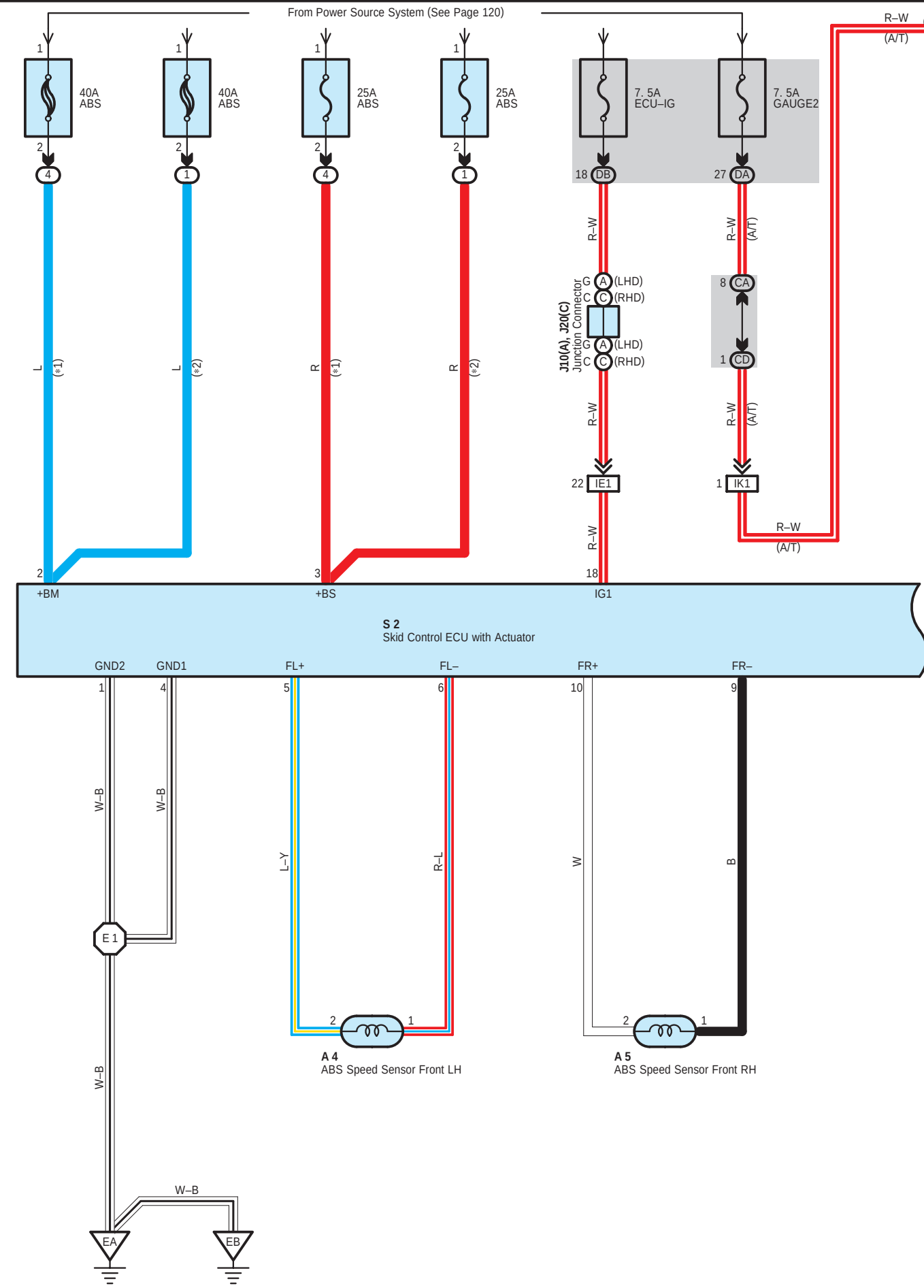
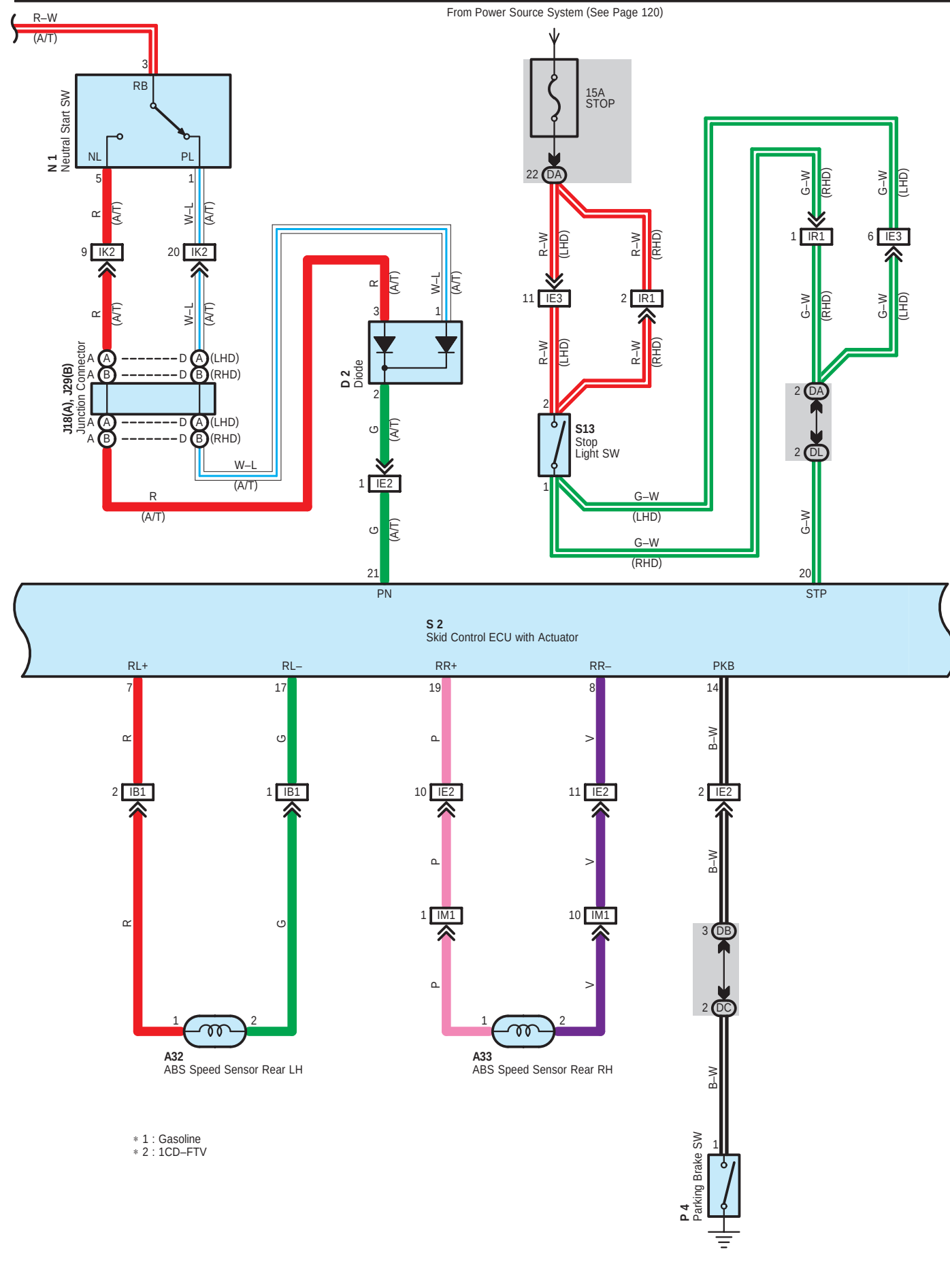


ABS

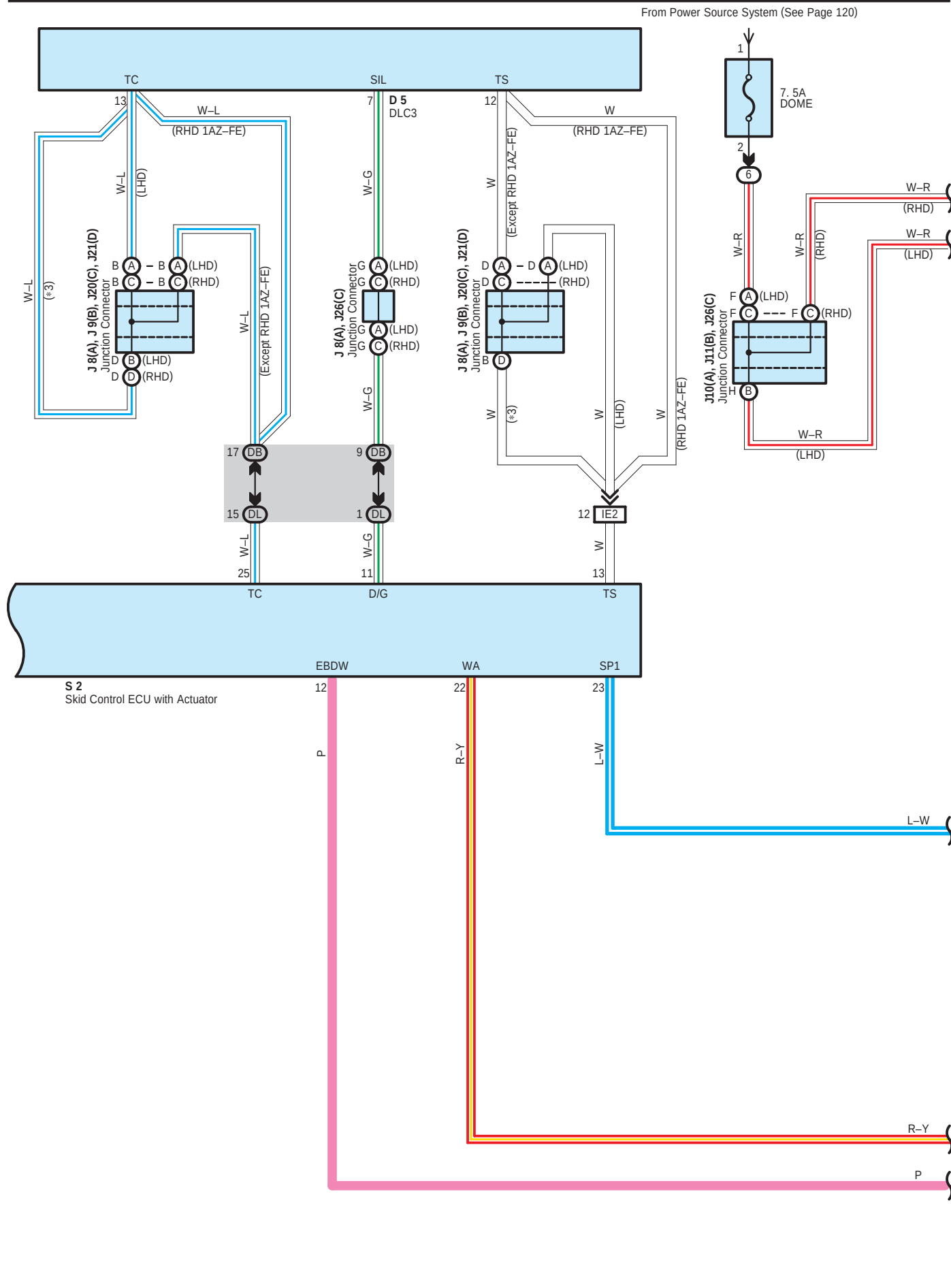


AVENSIS (EWD526E)

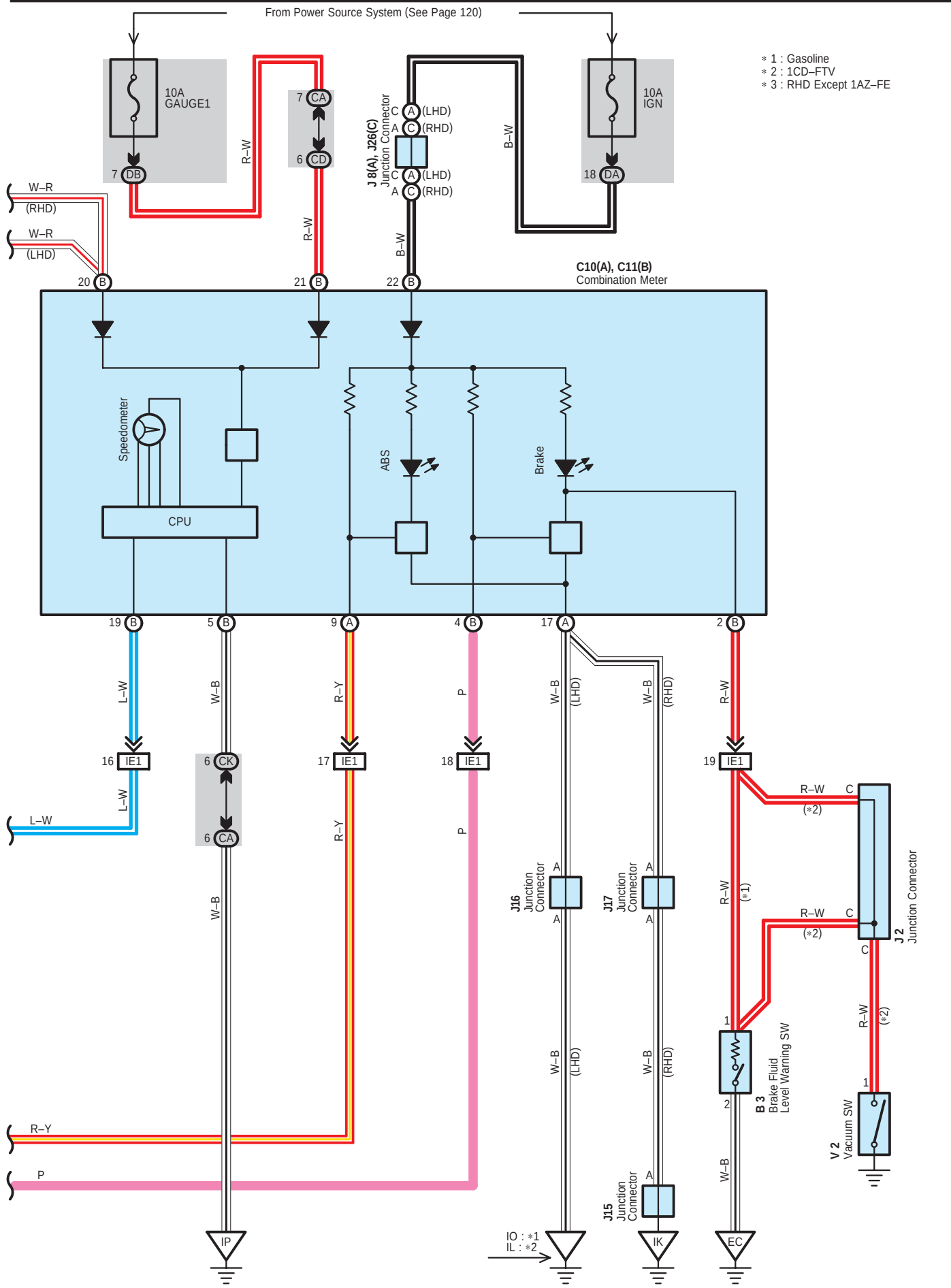


AVENSIS (EWD526E)

ABS

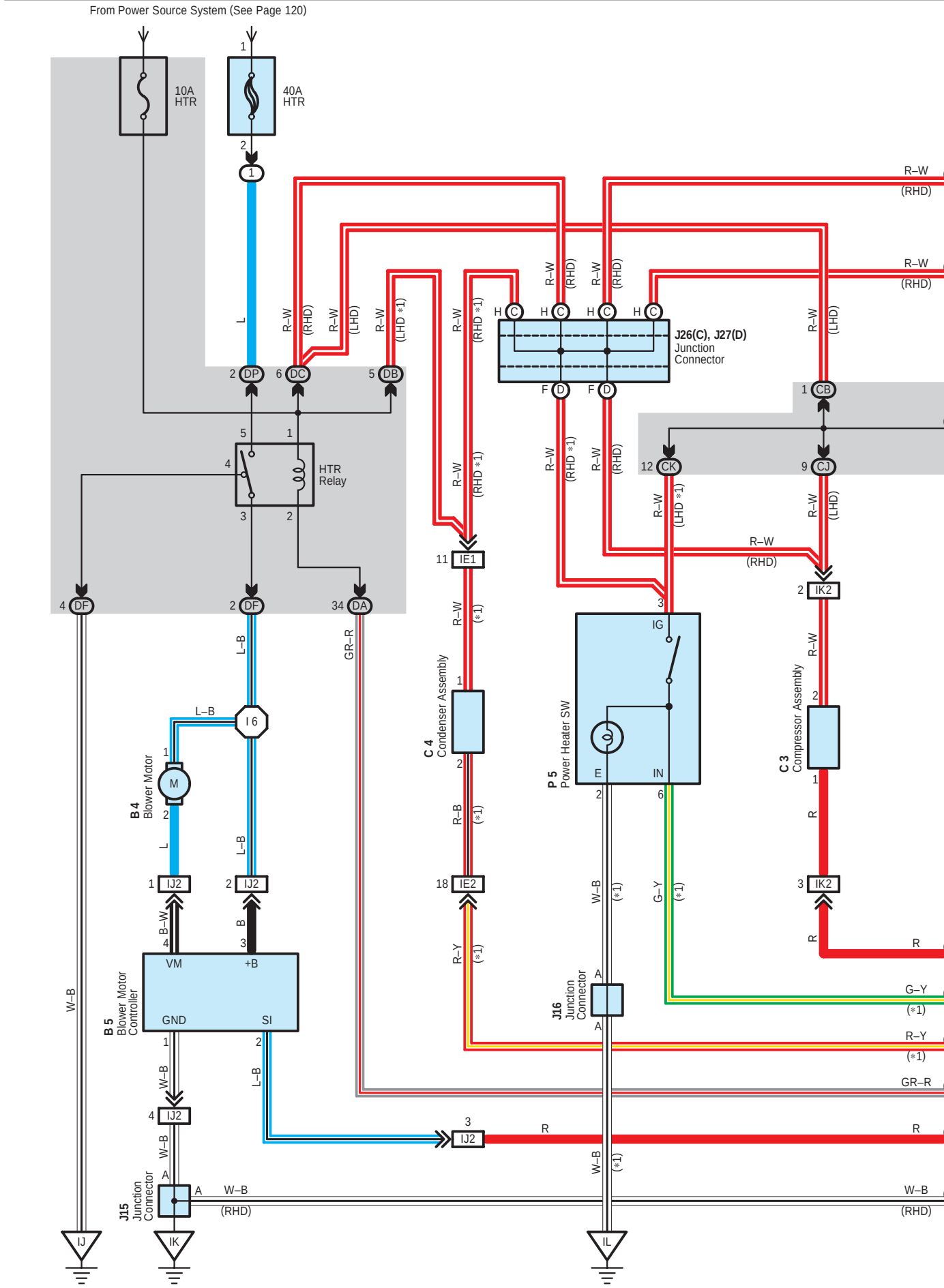


AVENSIS (EWD526E)



AVENSIS (EWD526E)

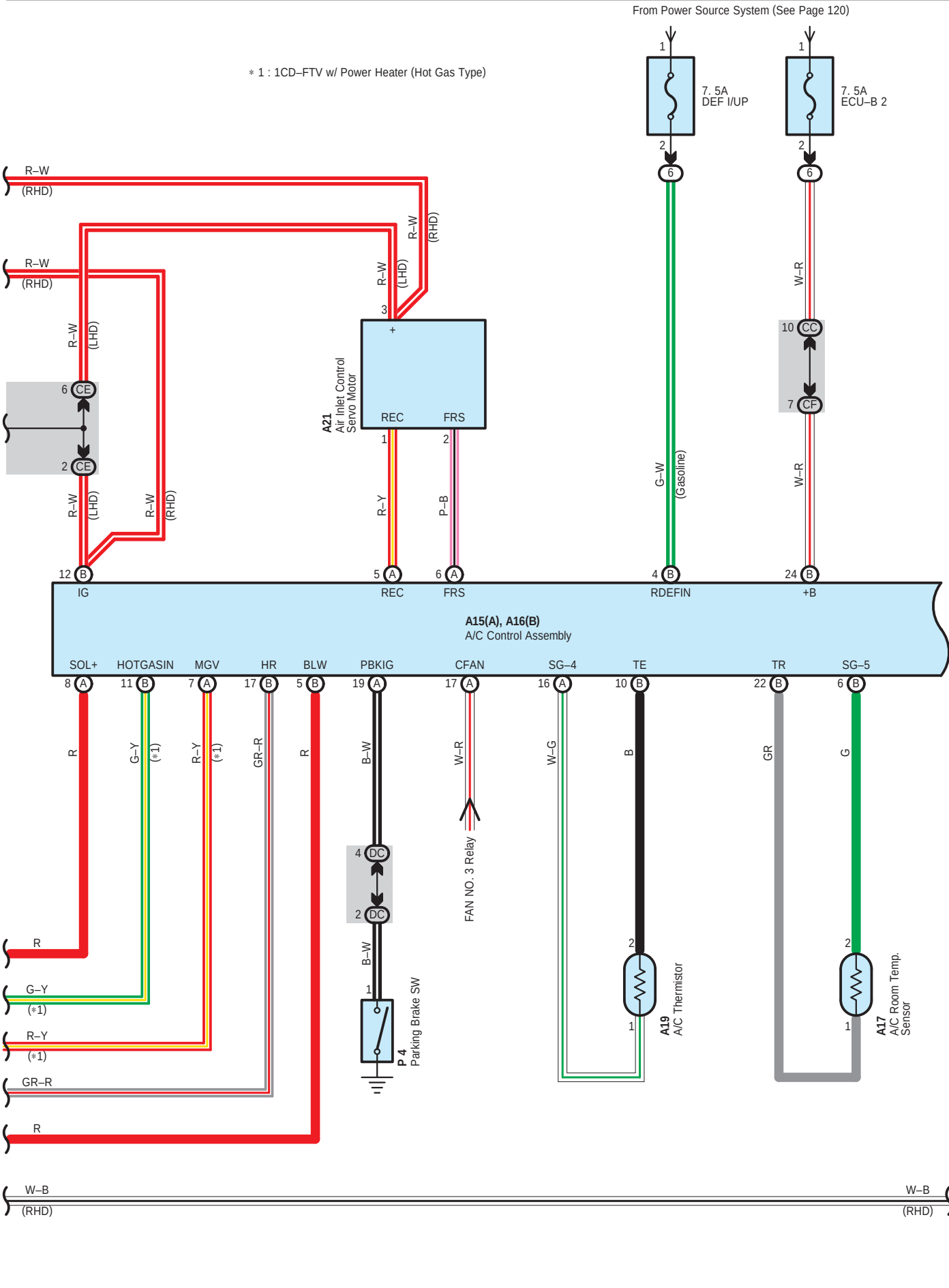
Air Conditioner (Automatic A/C) and



502

AVENSIS (EWD526E)

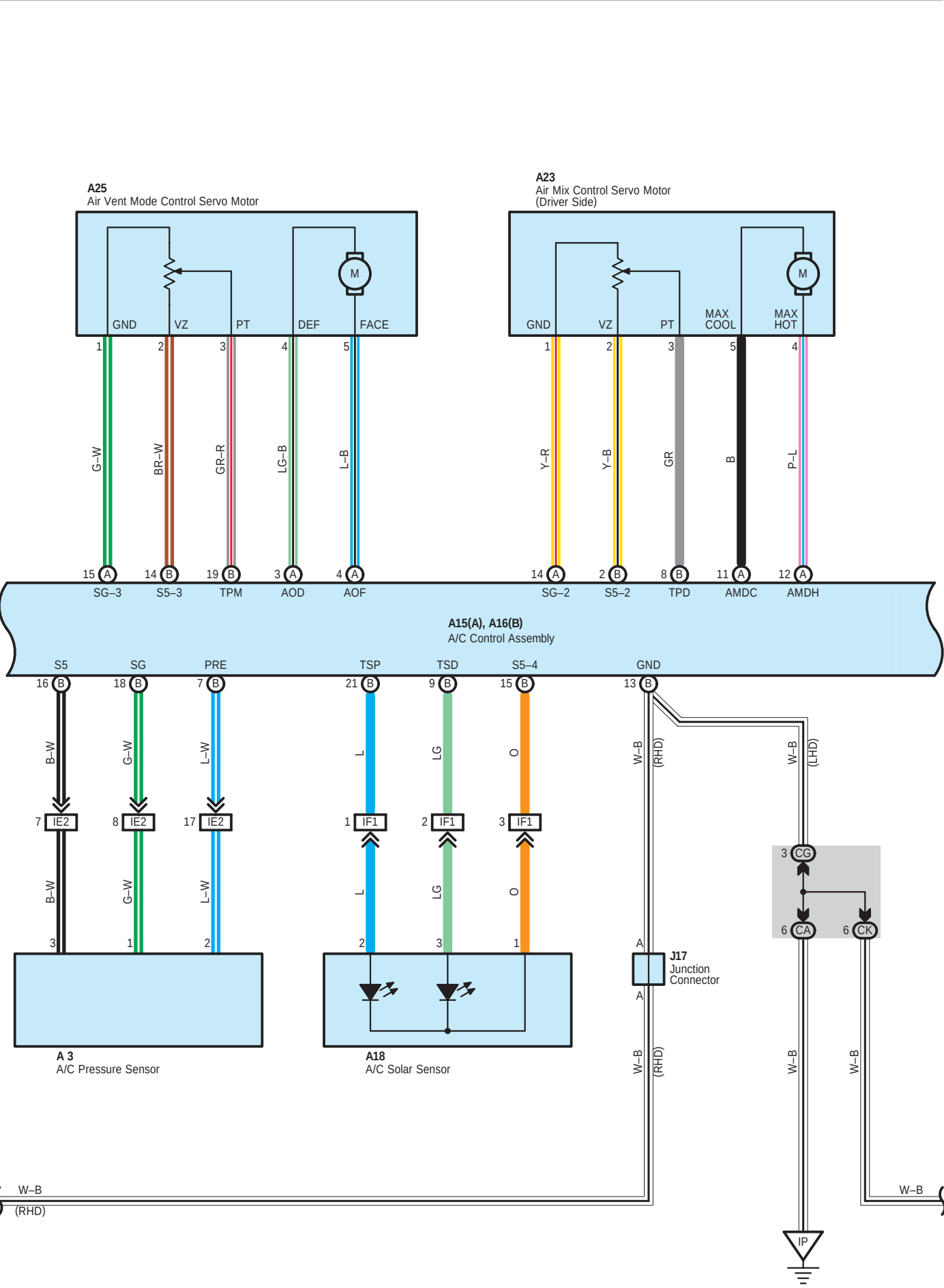
Power Heater (Hot Gas Type Automatic A/C)



503

AVENSIS (EWD526E)

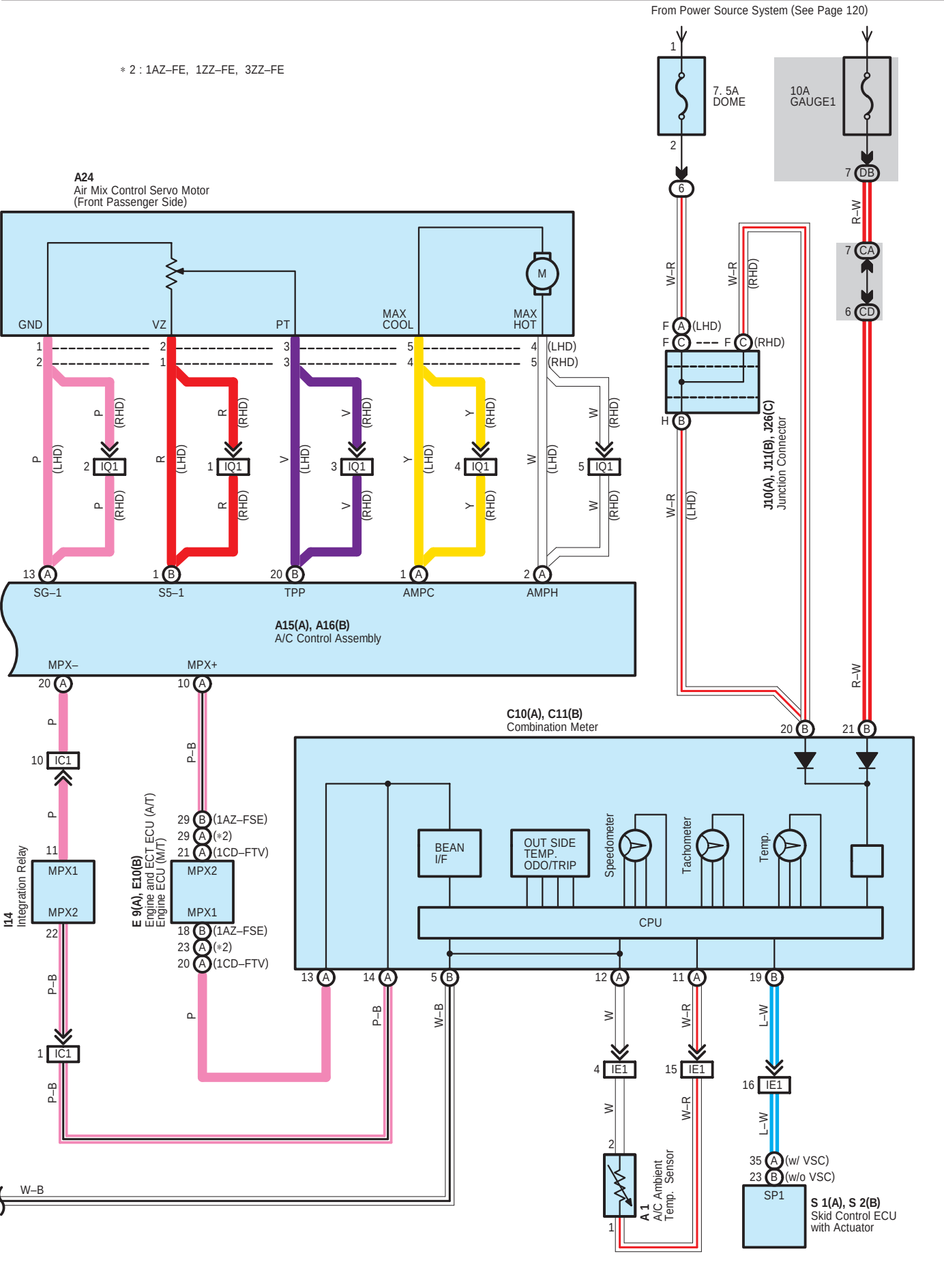
Air Conditioner (Automatic A/C) and



504

AVENSIS (EWD526E)

Power Heater (Hot Gas Type Automatic A/C)

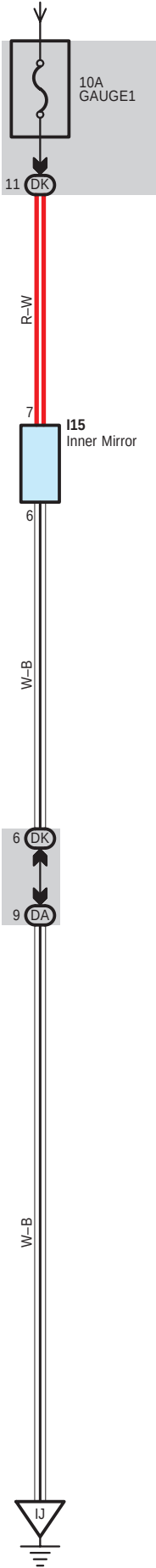


505

AVENSIS (EWD526E)

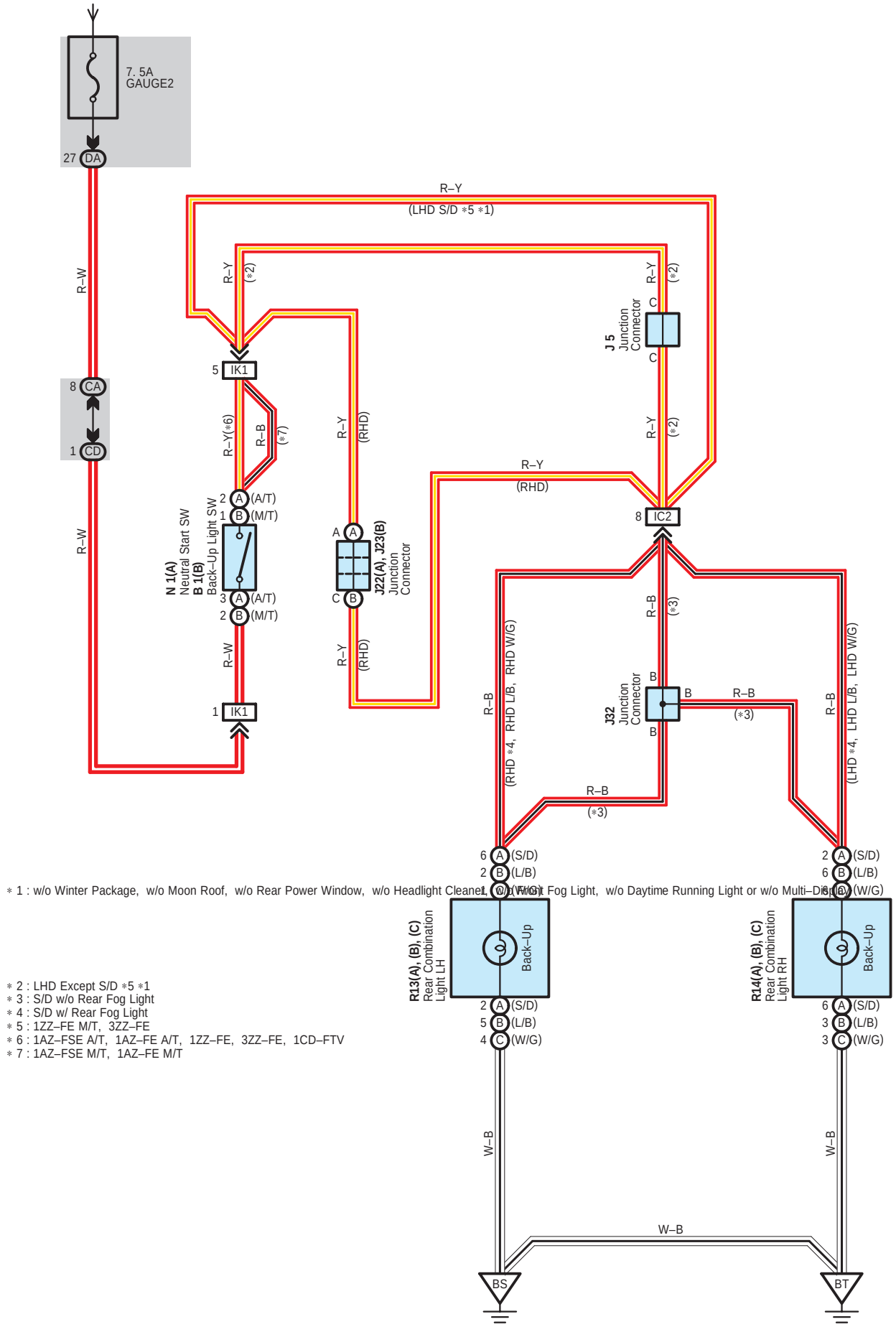
Automatic Glare-Resistant EC Mirror

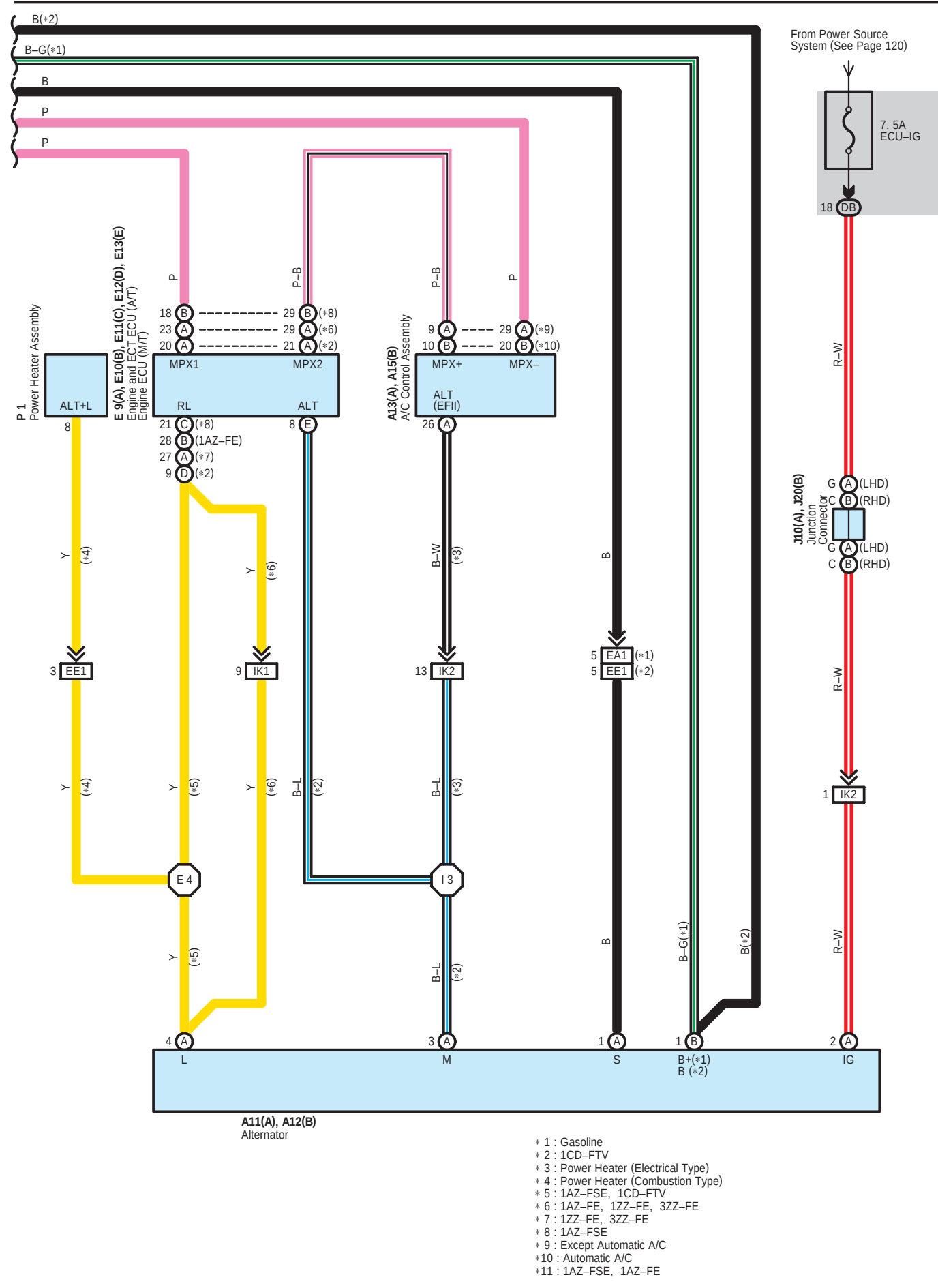
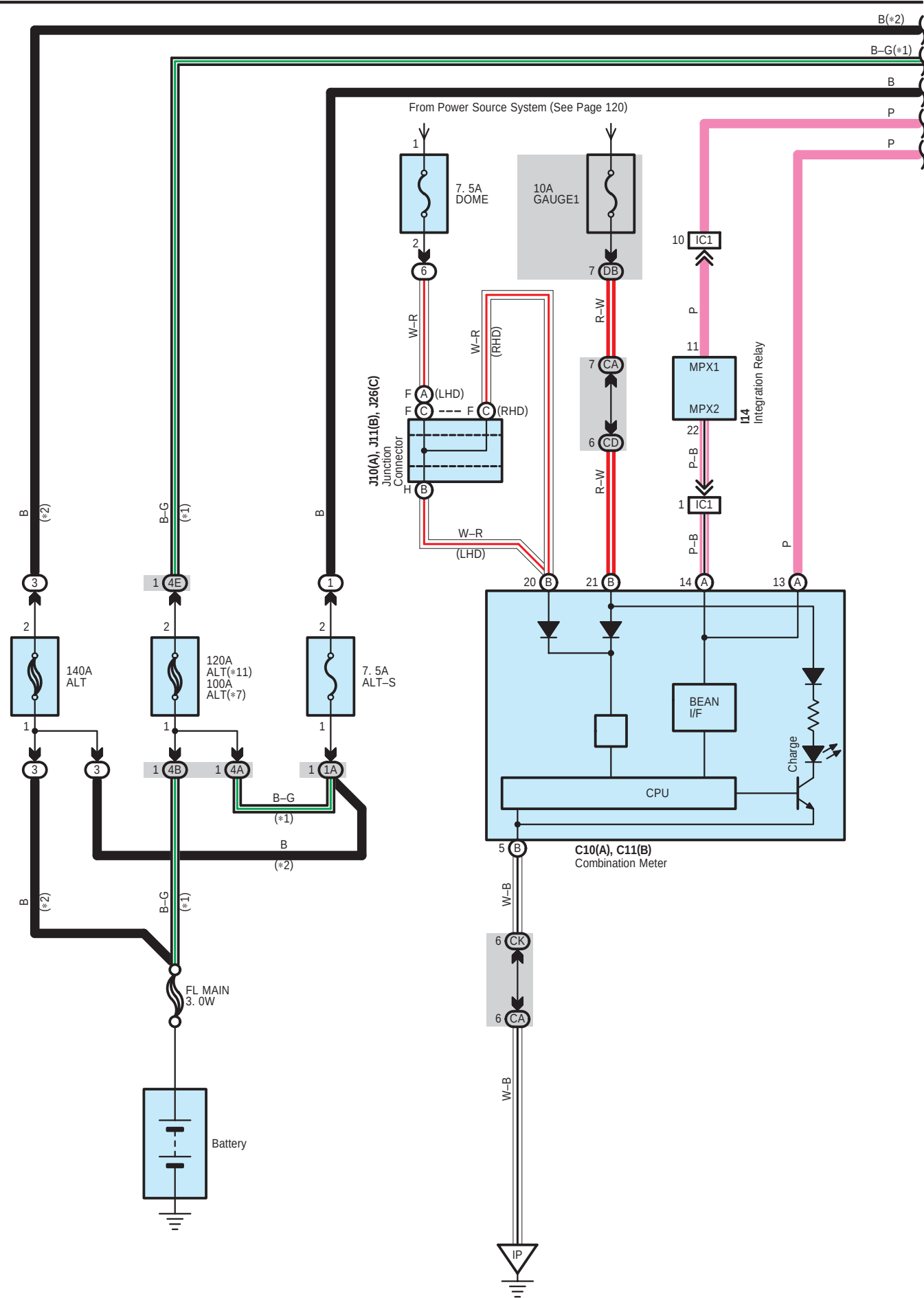
From Power Source System (See Page 120)



Back-Up Light

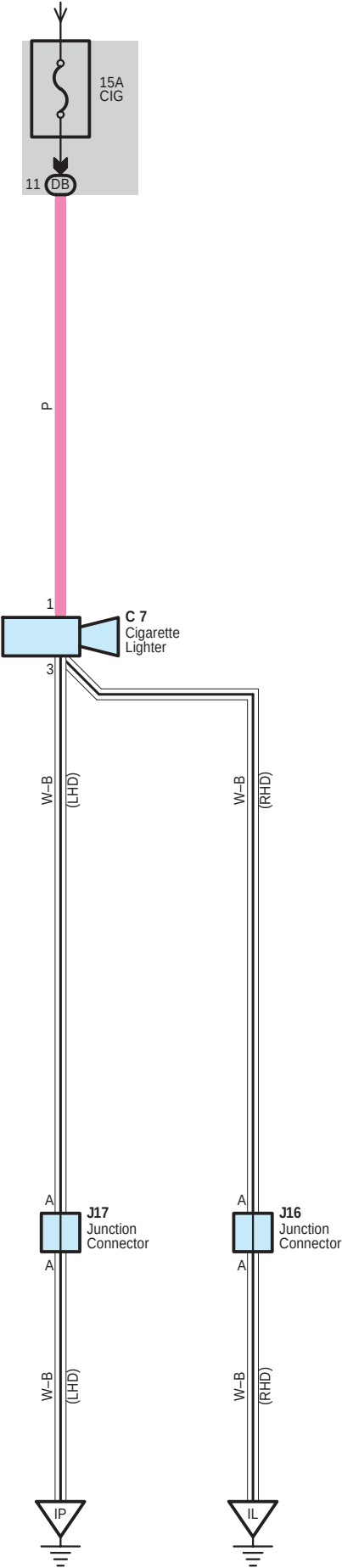
From Power Source System (See Page 120)





Cigarette Lighter

From Power Source System (See Page 120)



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488



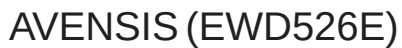
490



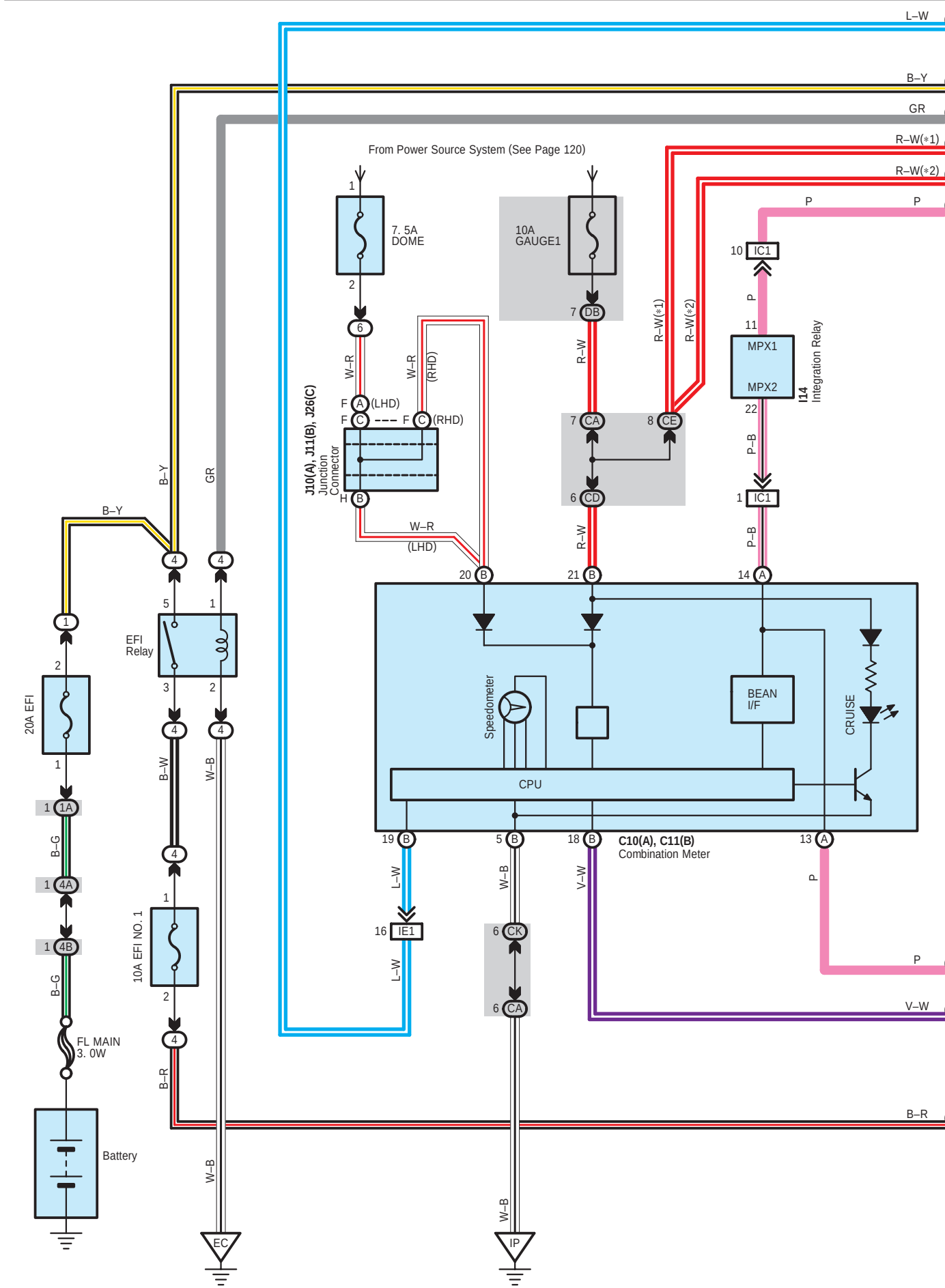
492



492

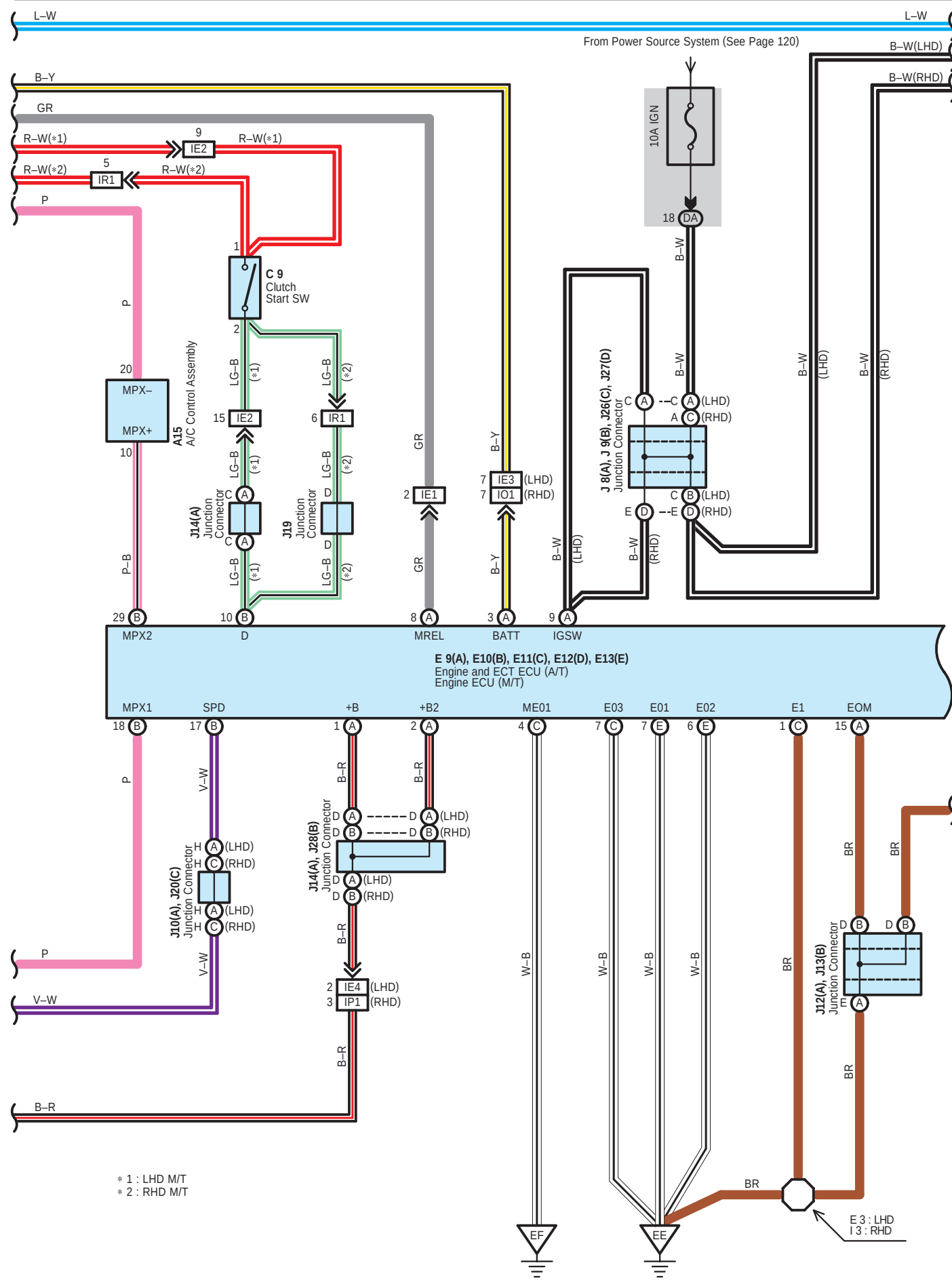


Cruise Control (1AZ-FSE)



322

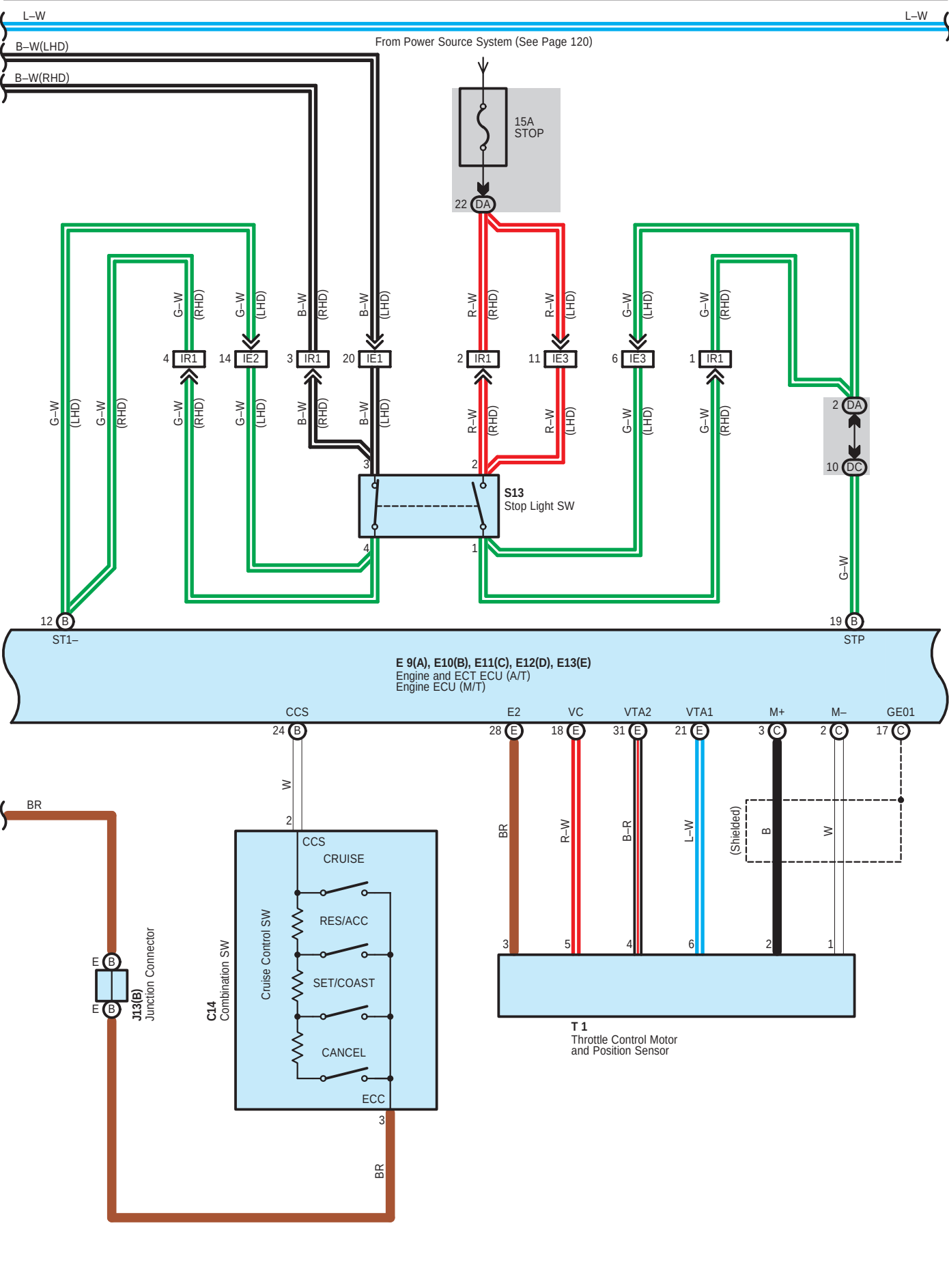
AVENSIS (EWD526E)



323

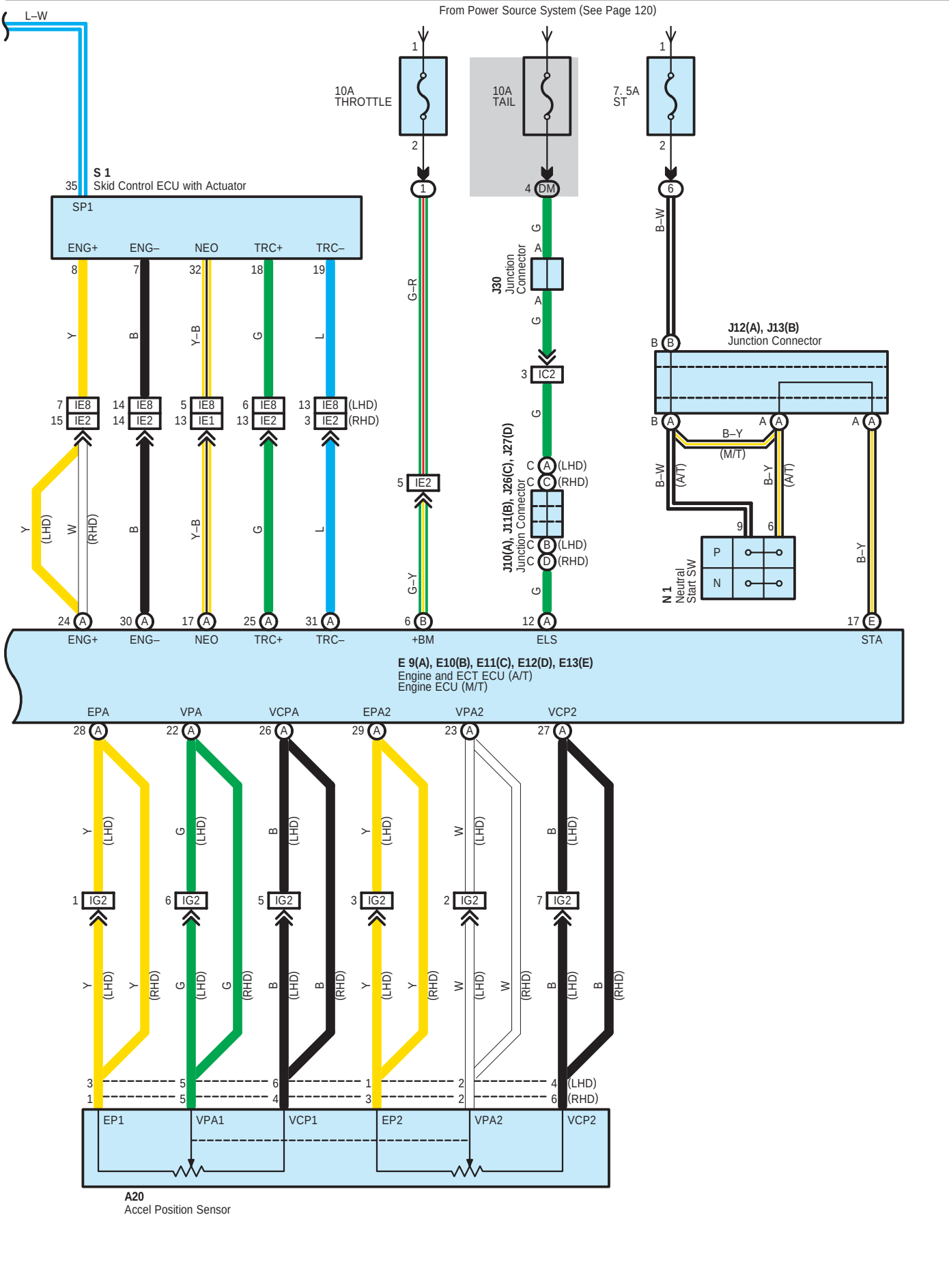
AVENSIS (EWD526E)

Cruise Control (1AZ-FSE)



324

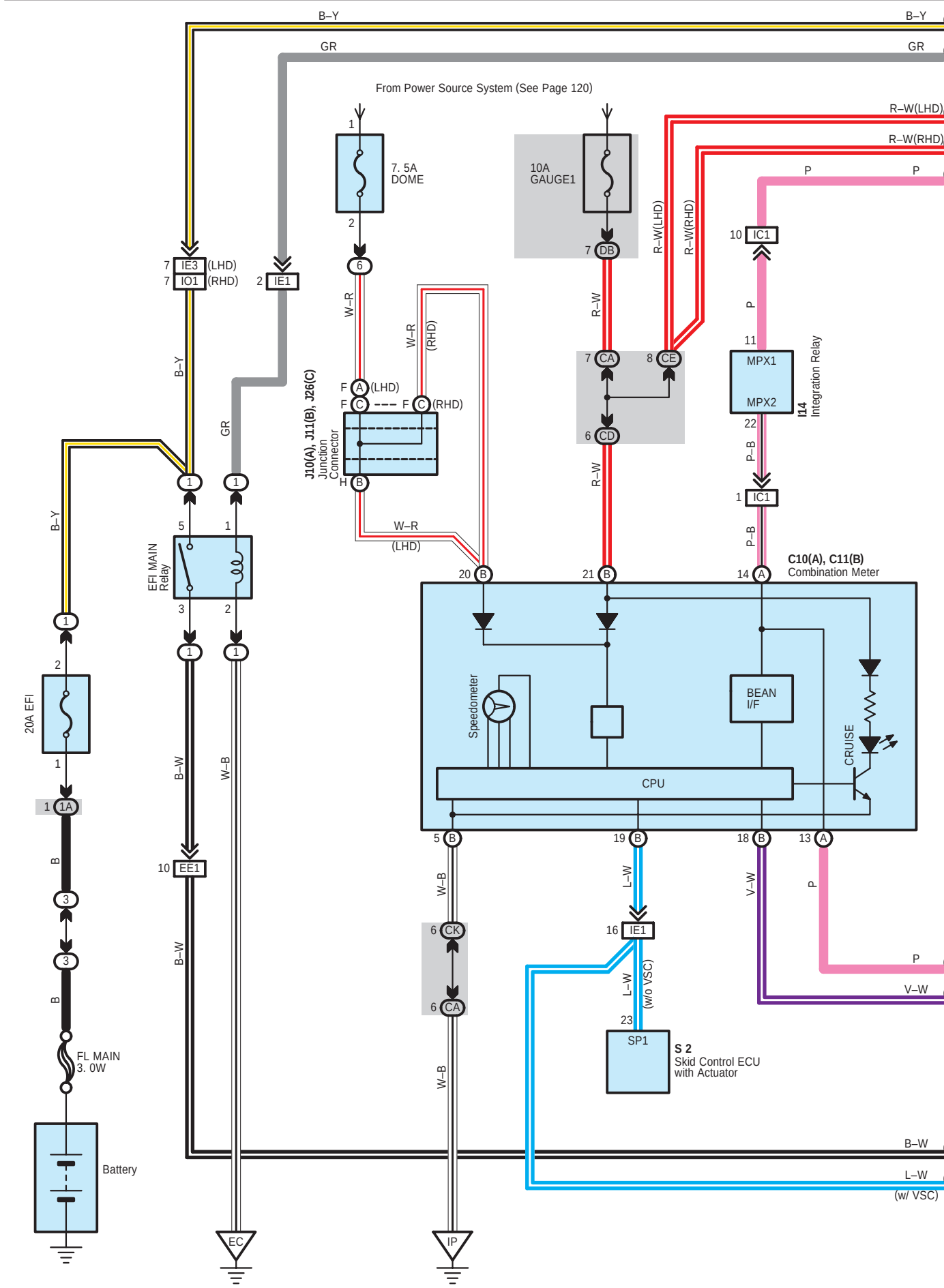
AVENSIS (EWD526E)



325

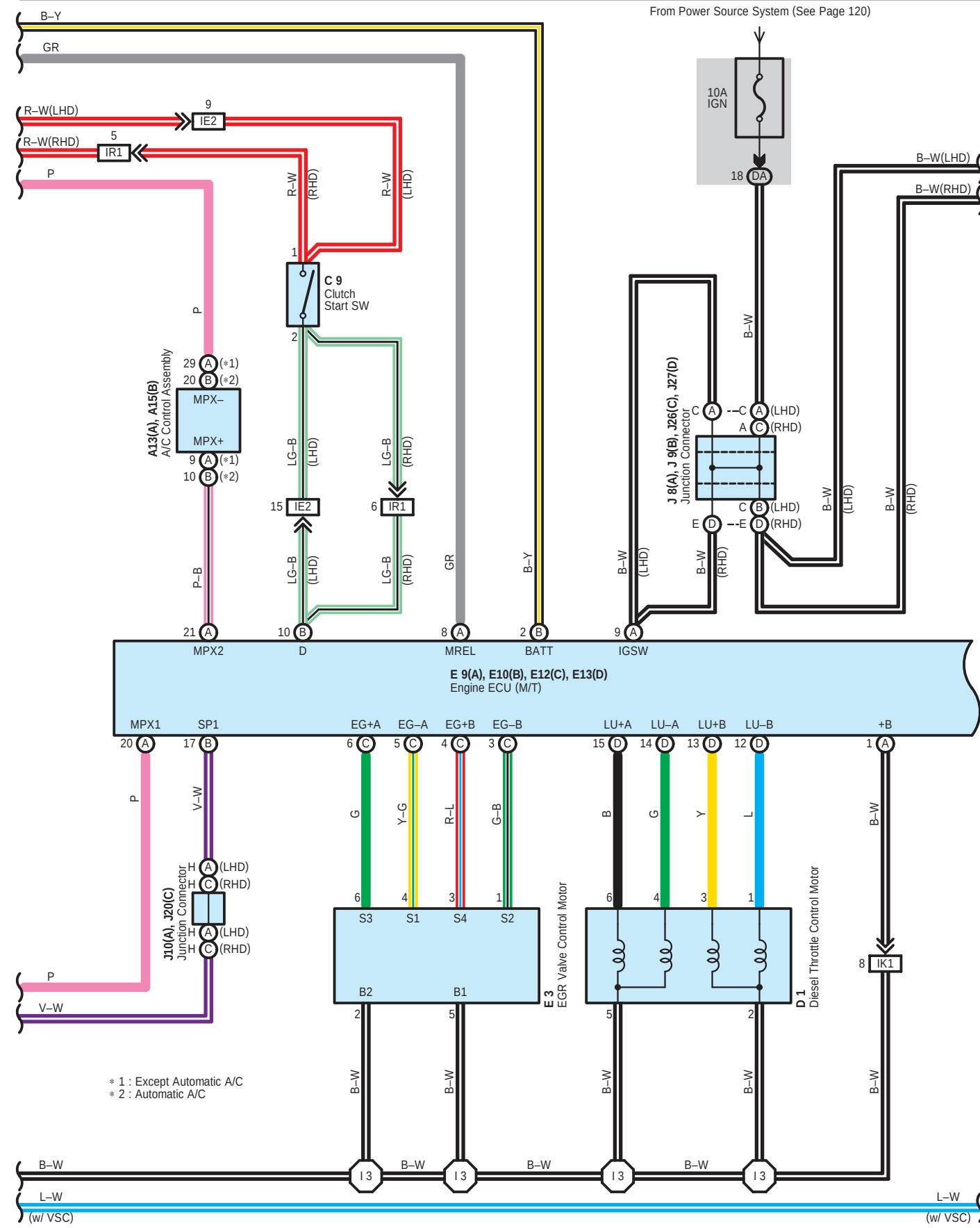
AVENSIS (EWD526E)

Cruise Control (1CD-FTV)



330

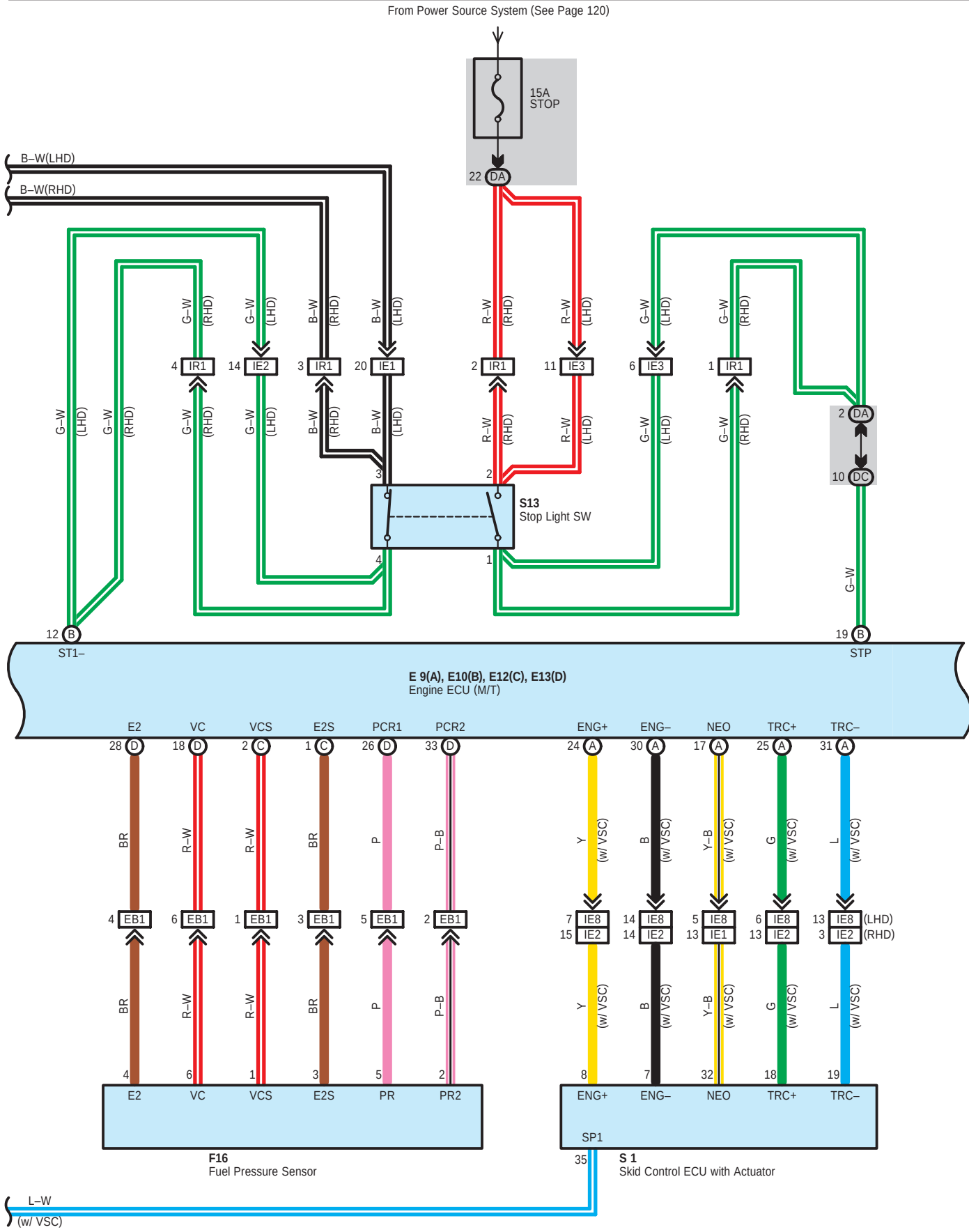
AVENSIS (EWD526E)



331

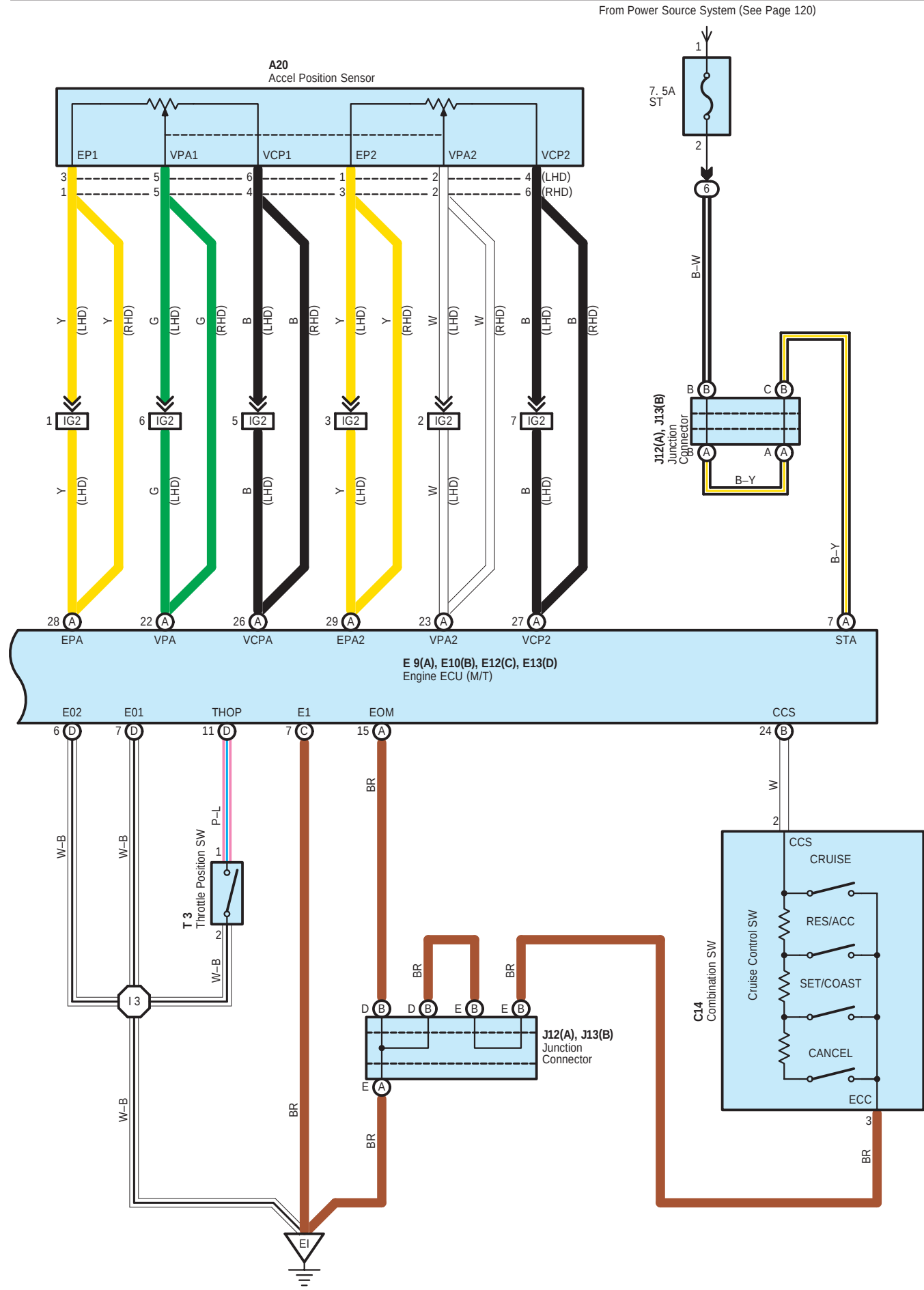
AVENSIS (EWD526E)

Cruise Control (1CD-FTV)



332

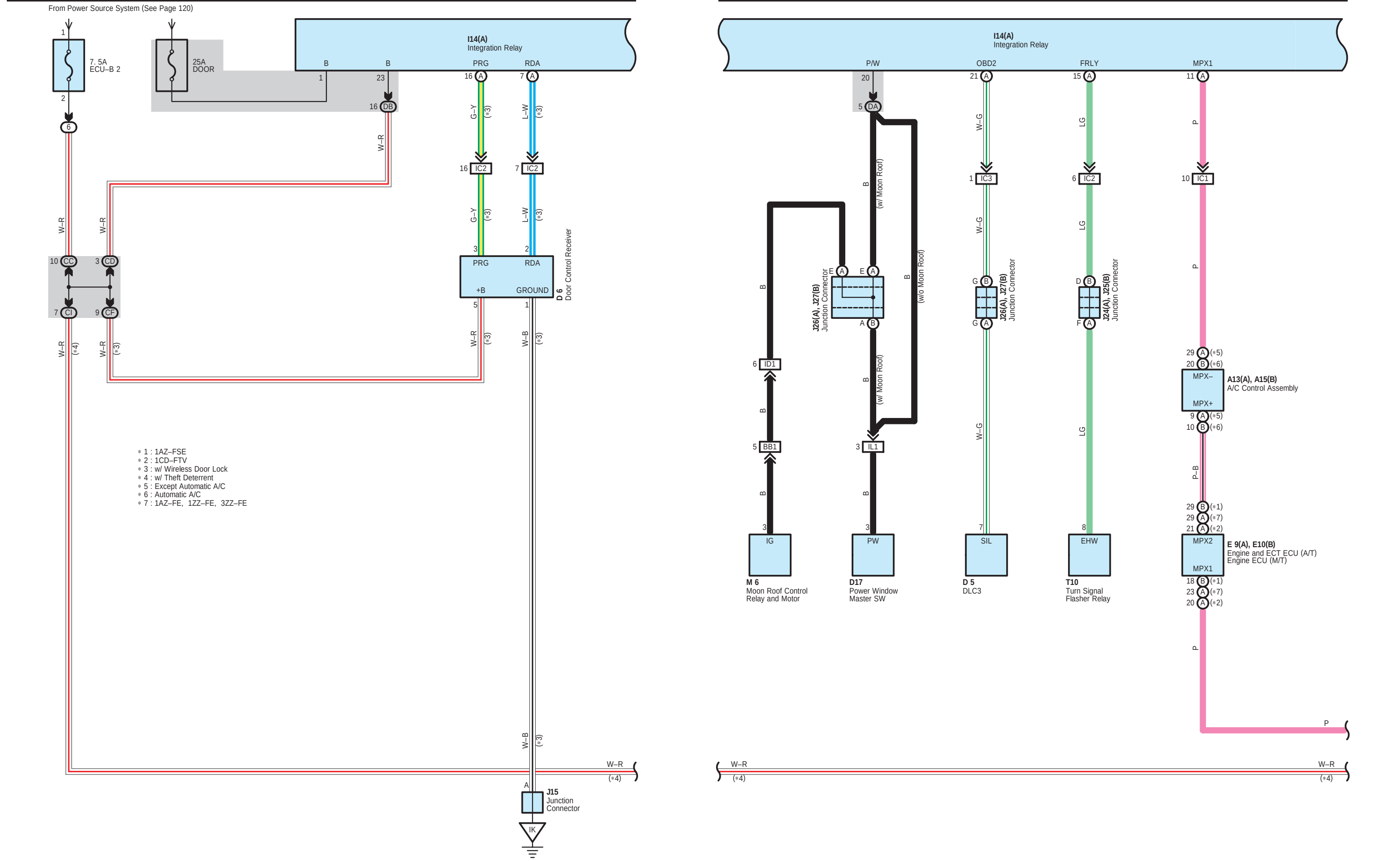
AVENSIS (EWD526E)



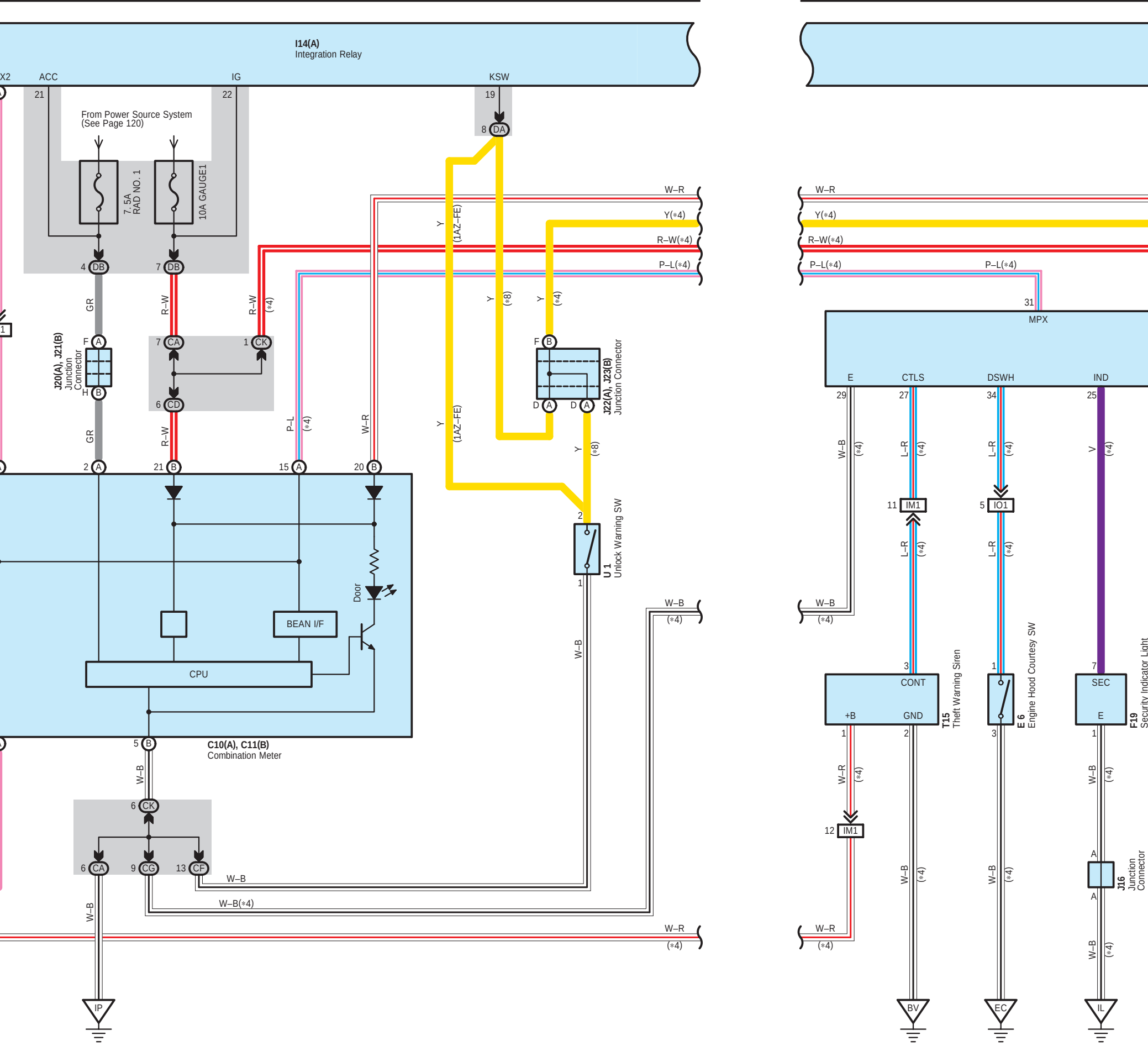
333

AVENSIS (EWD526E)

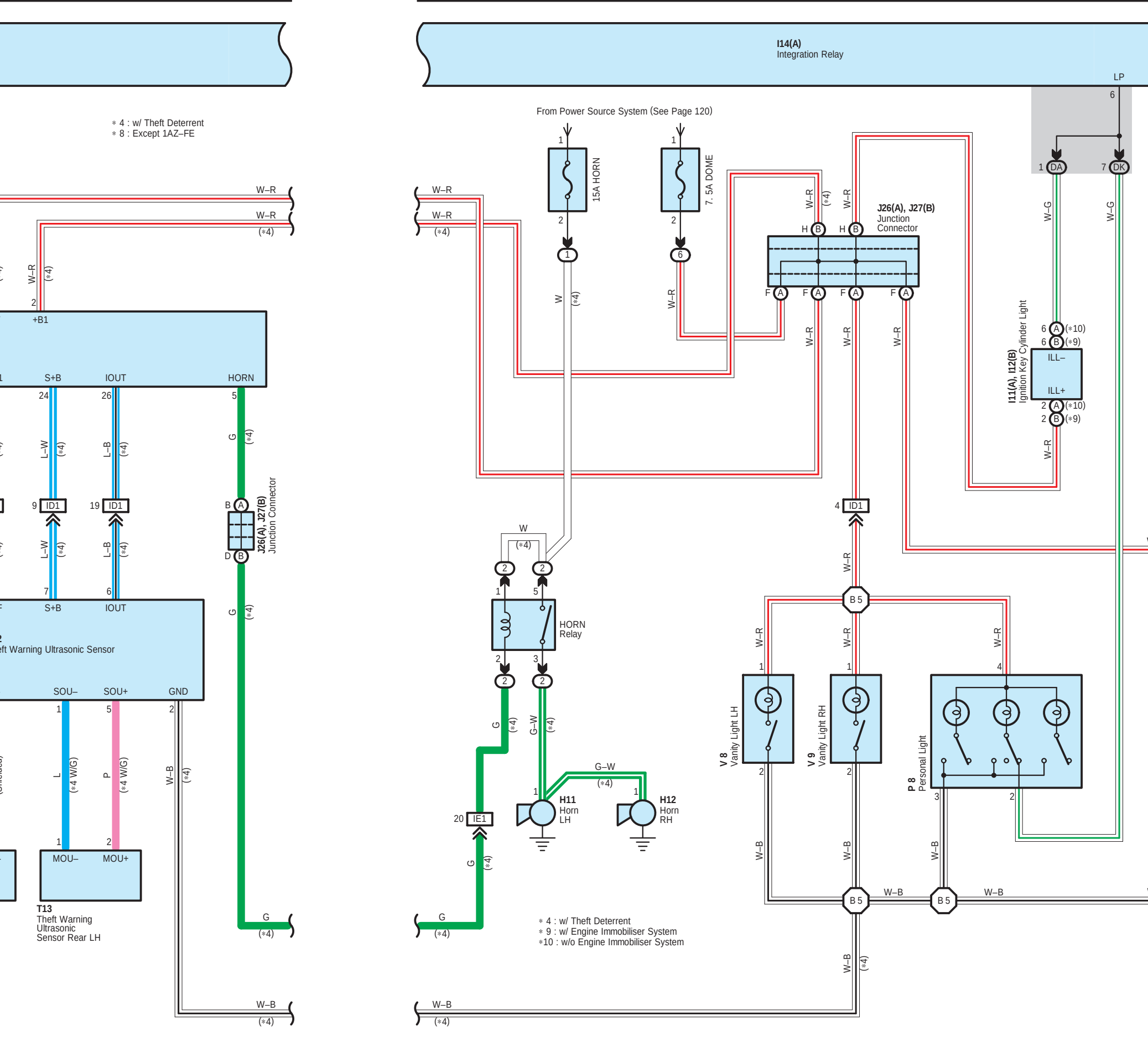
Door Lock Control (RHD) and Theft Deterrent



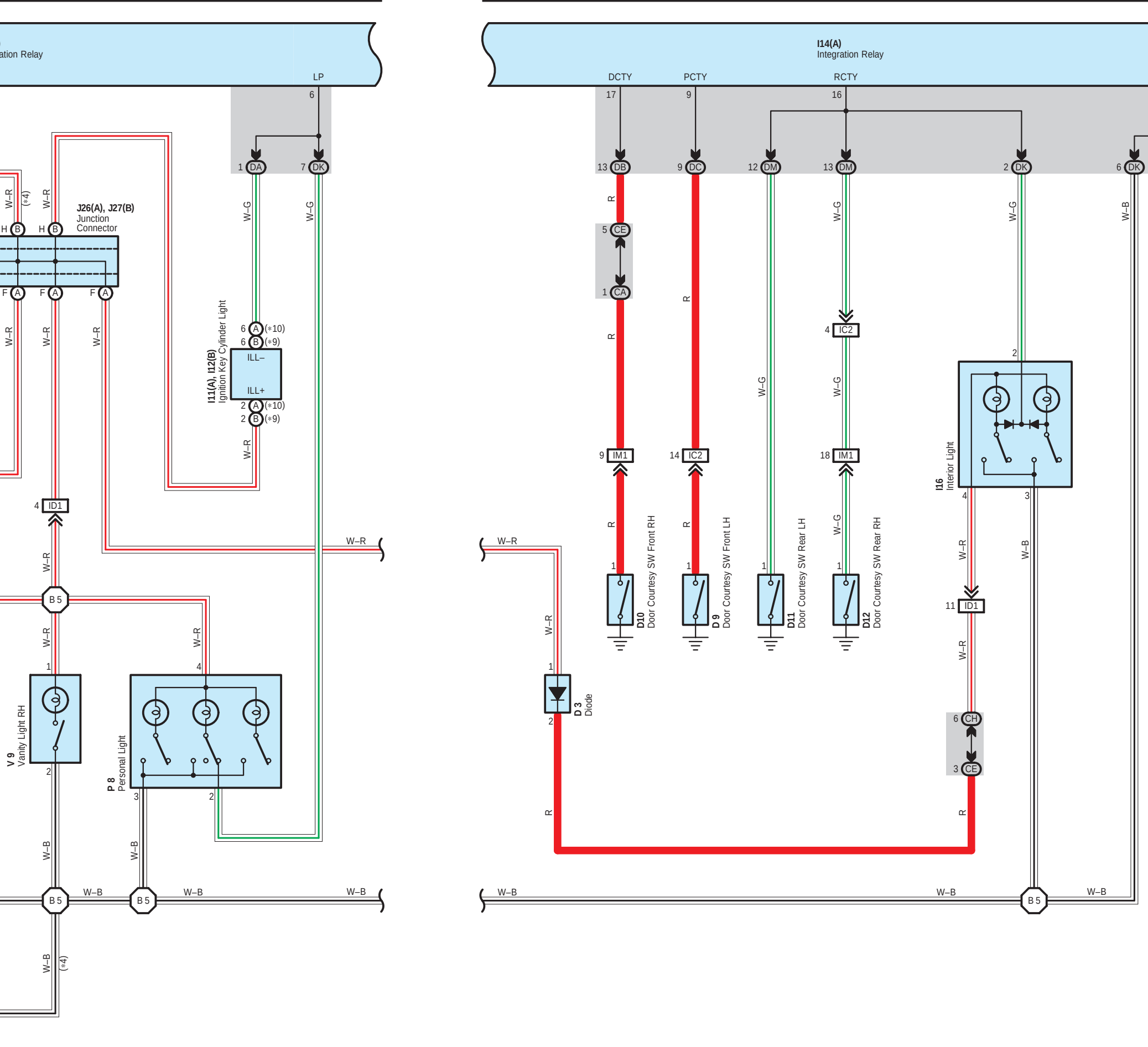
Lock Control (RHD) and Theft Deterrent



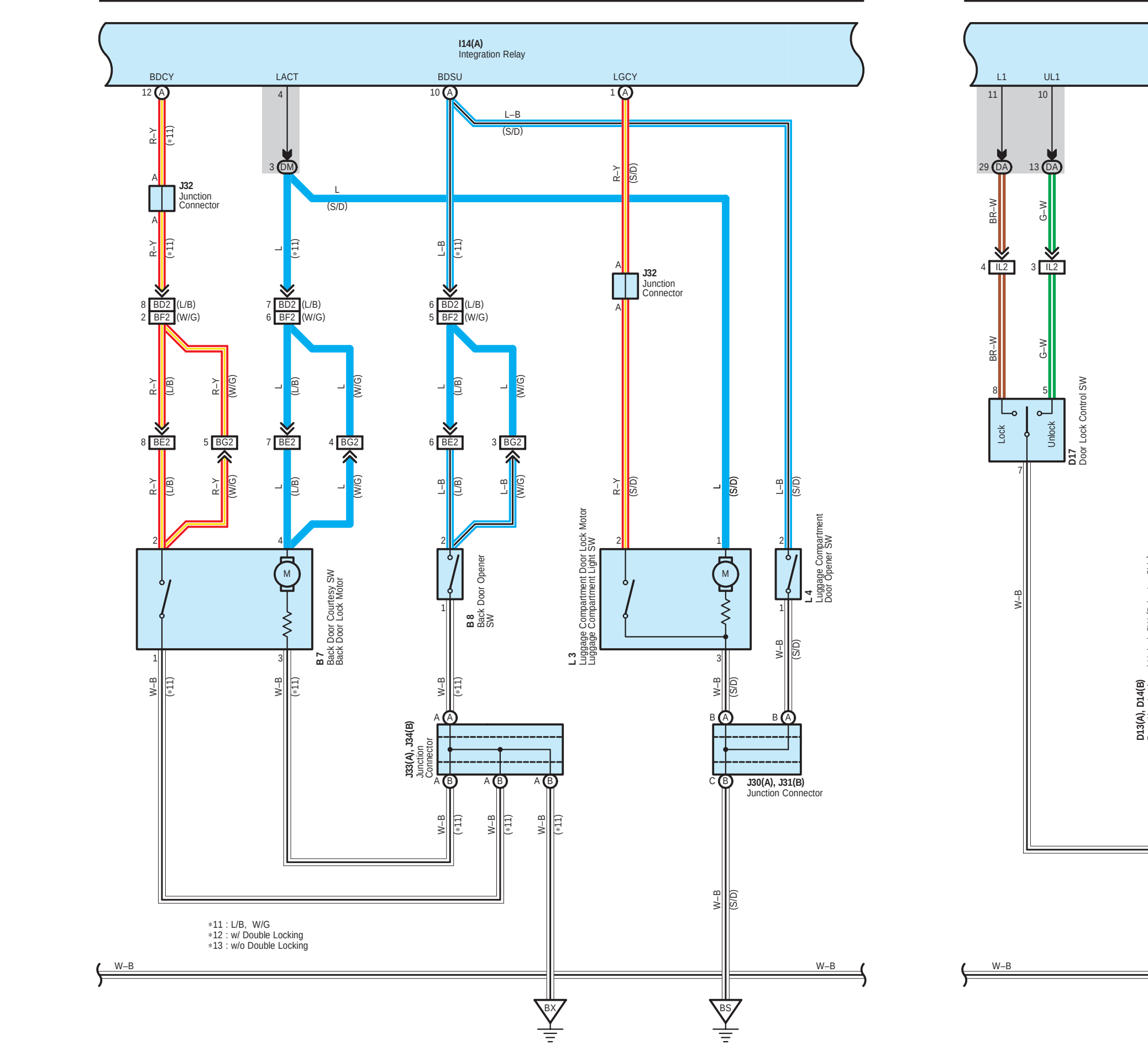
Door Lock Control (RH)



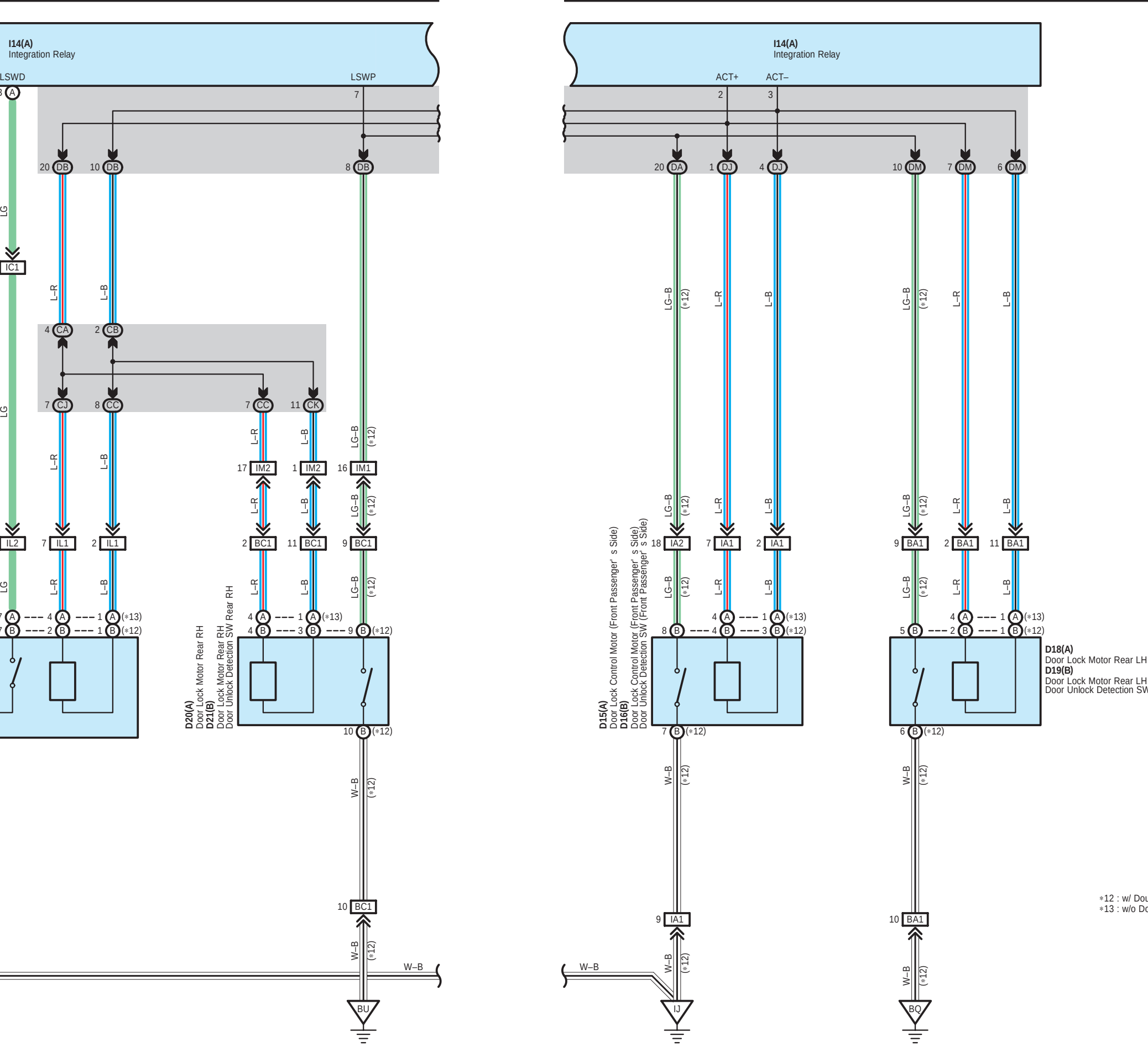
Deterrent



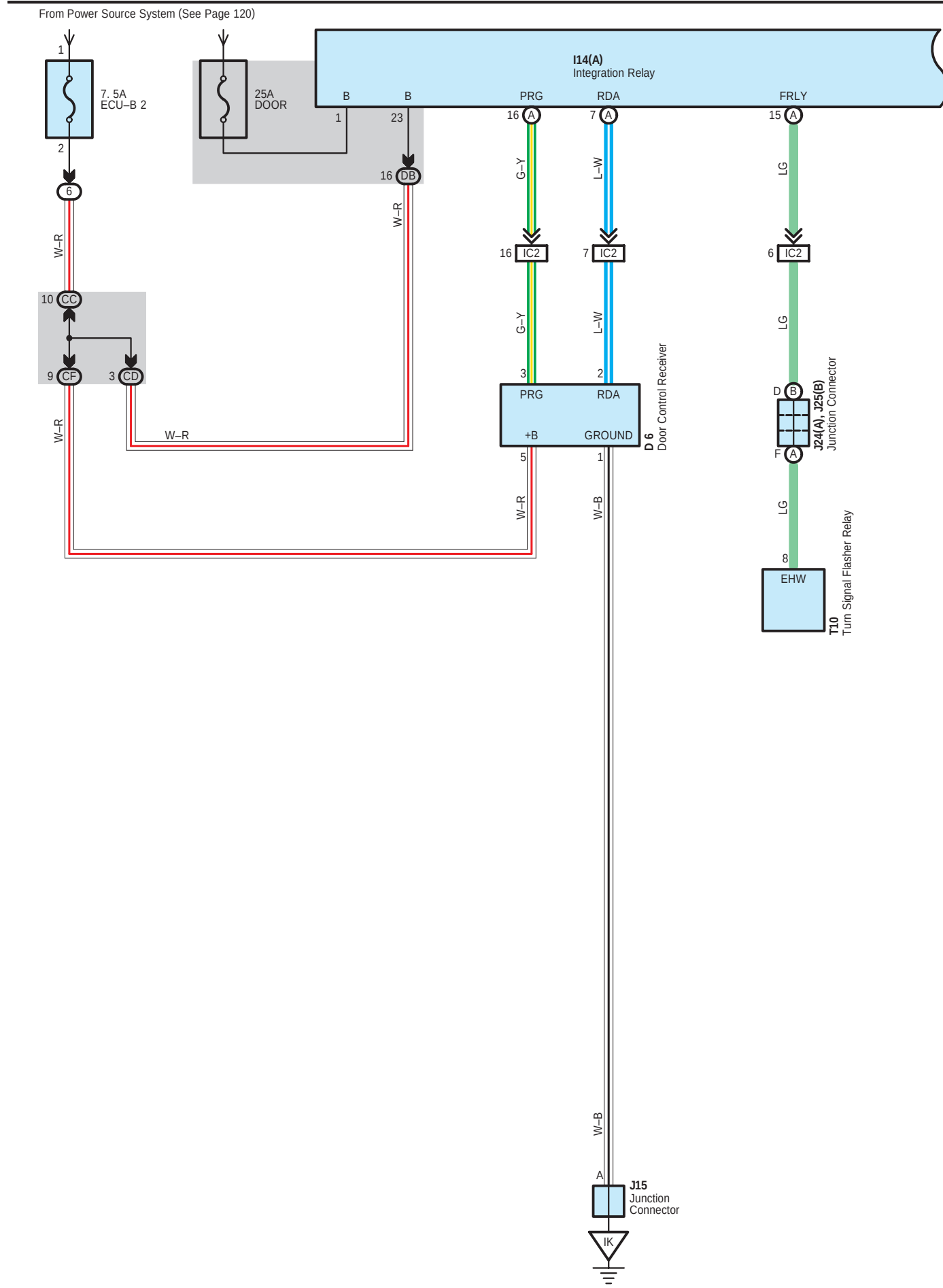
Door Lock Control (RHD) and Theft Deterrent



Door Loo

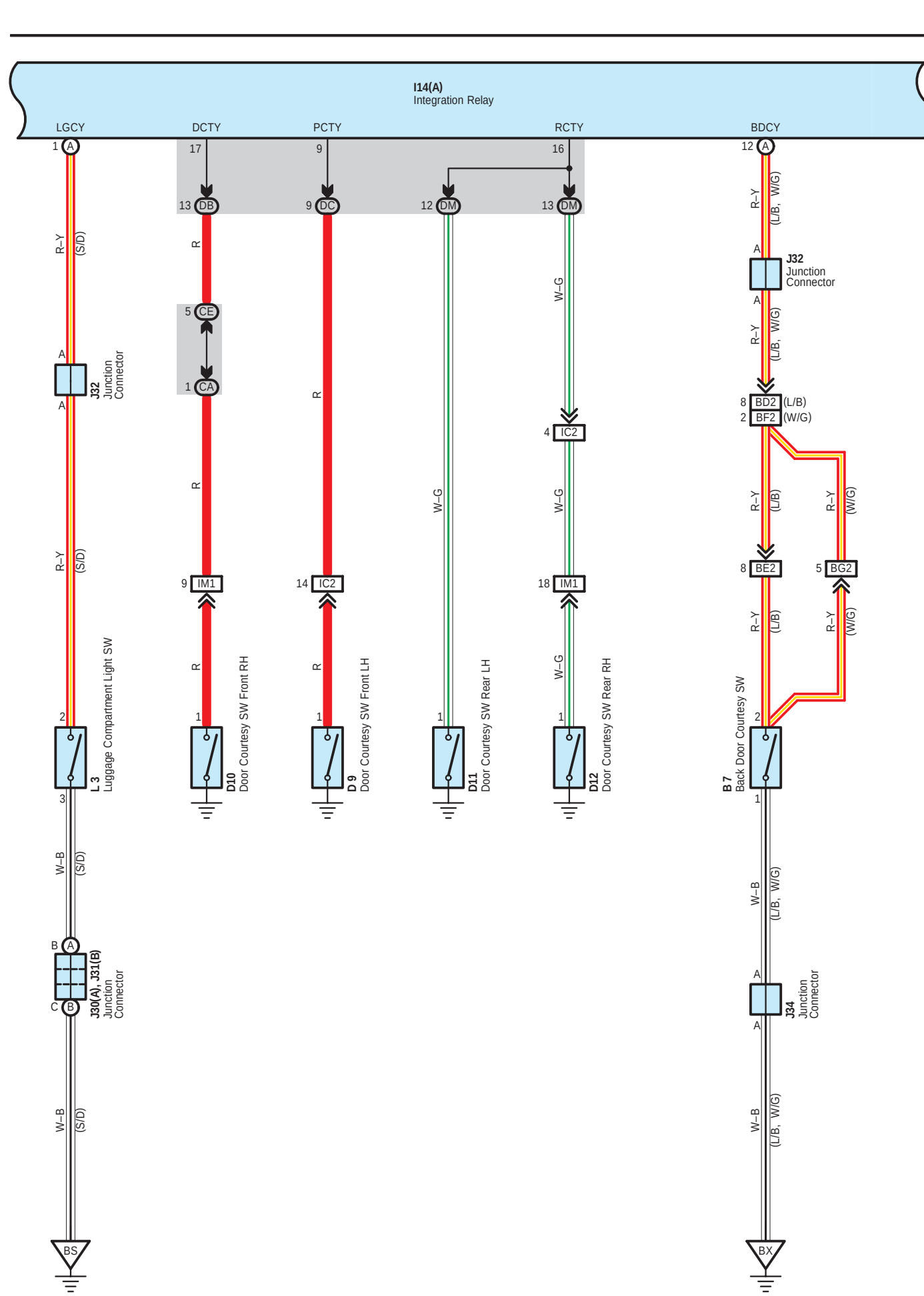


Double Locking



404

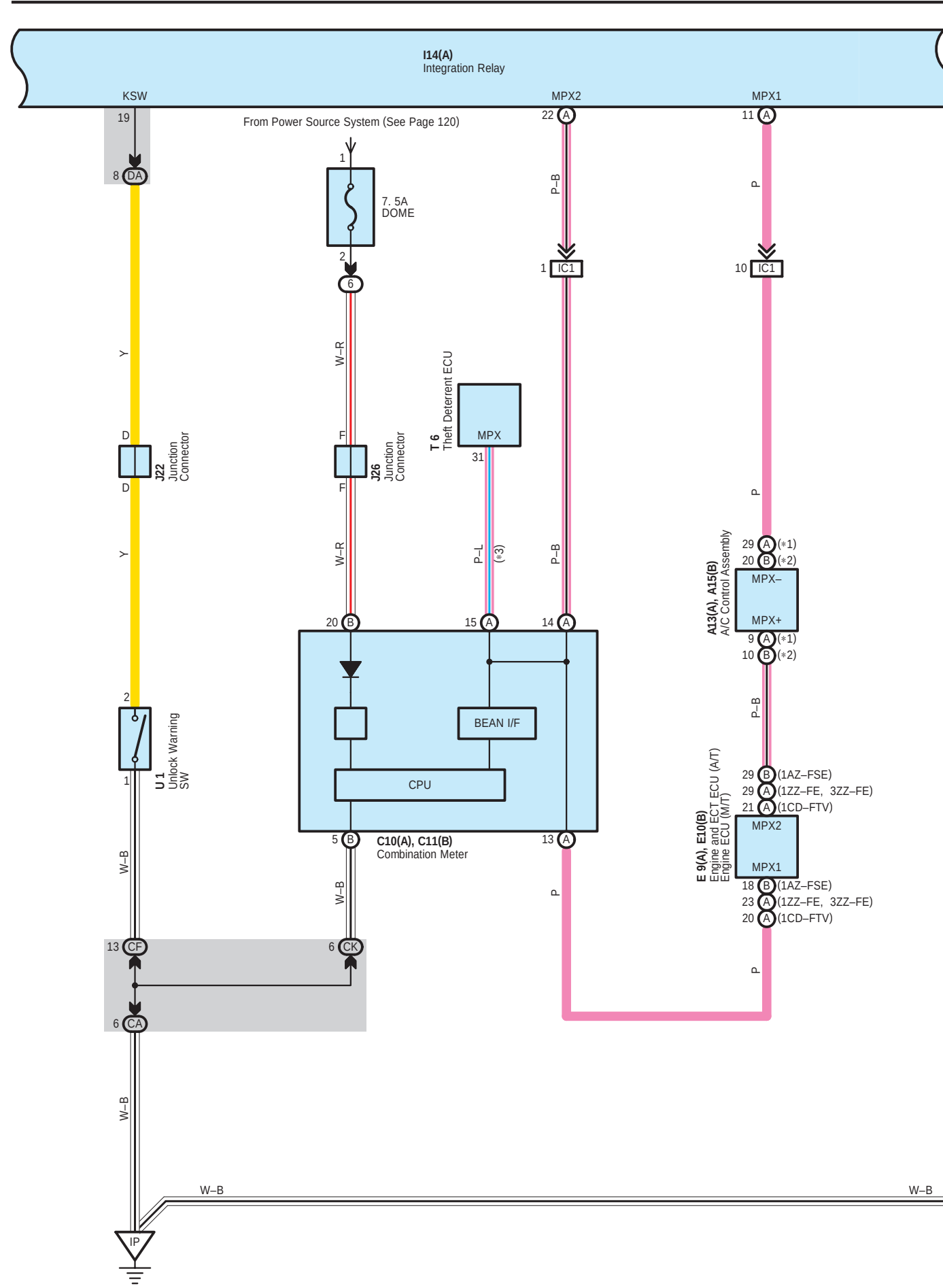
AVENSIS (EWD526E)



405

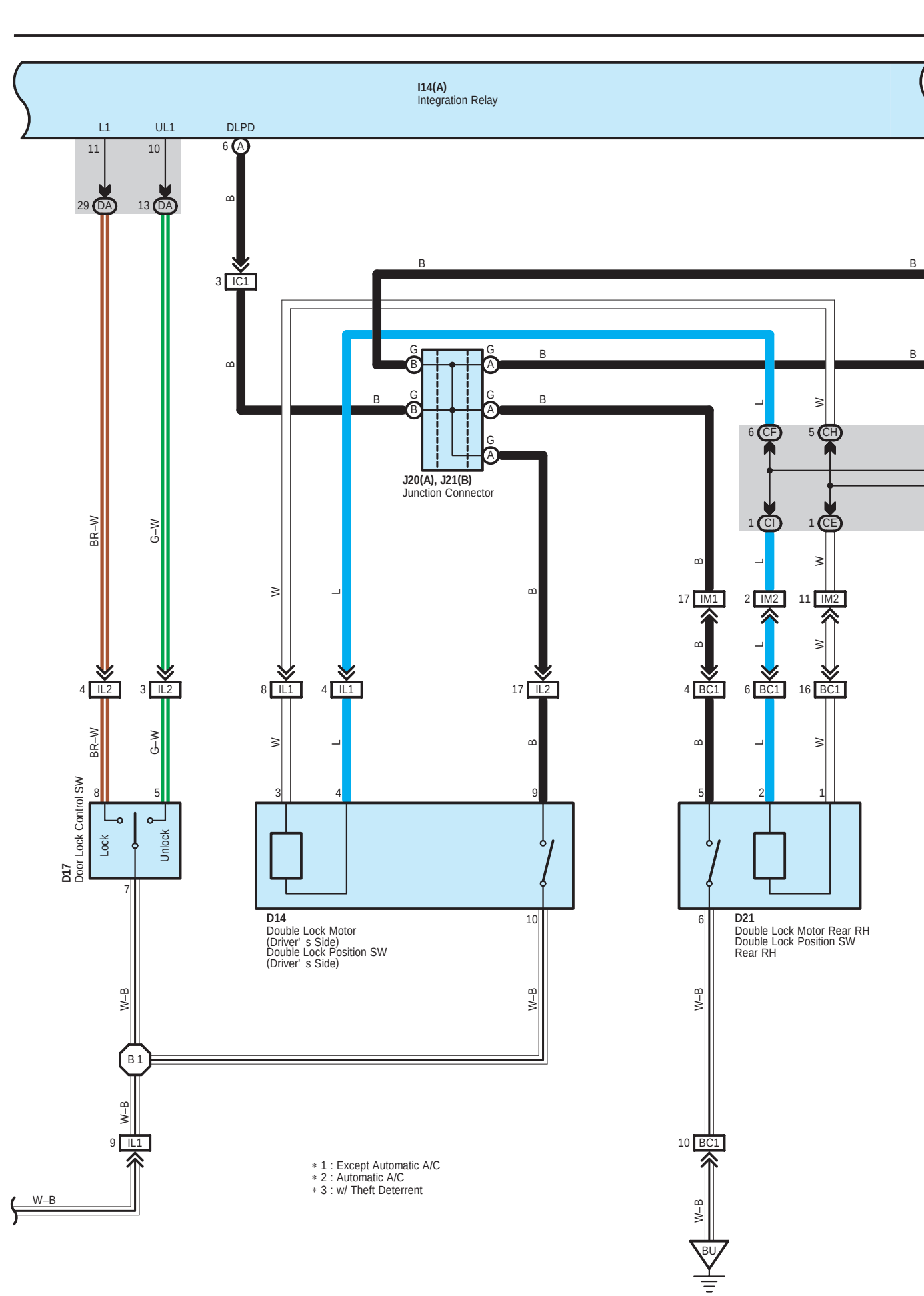
AVENSIS (EWD526E)

Double Locking



406

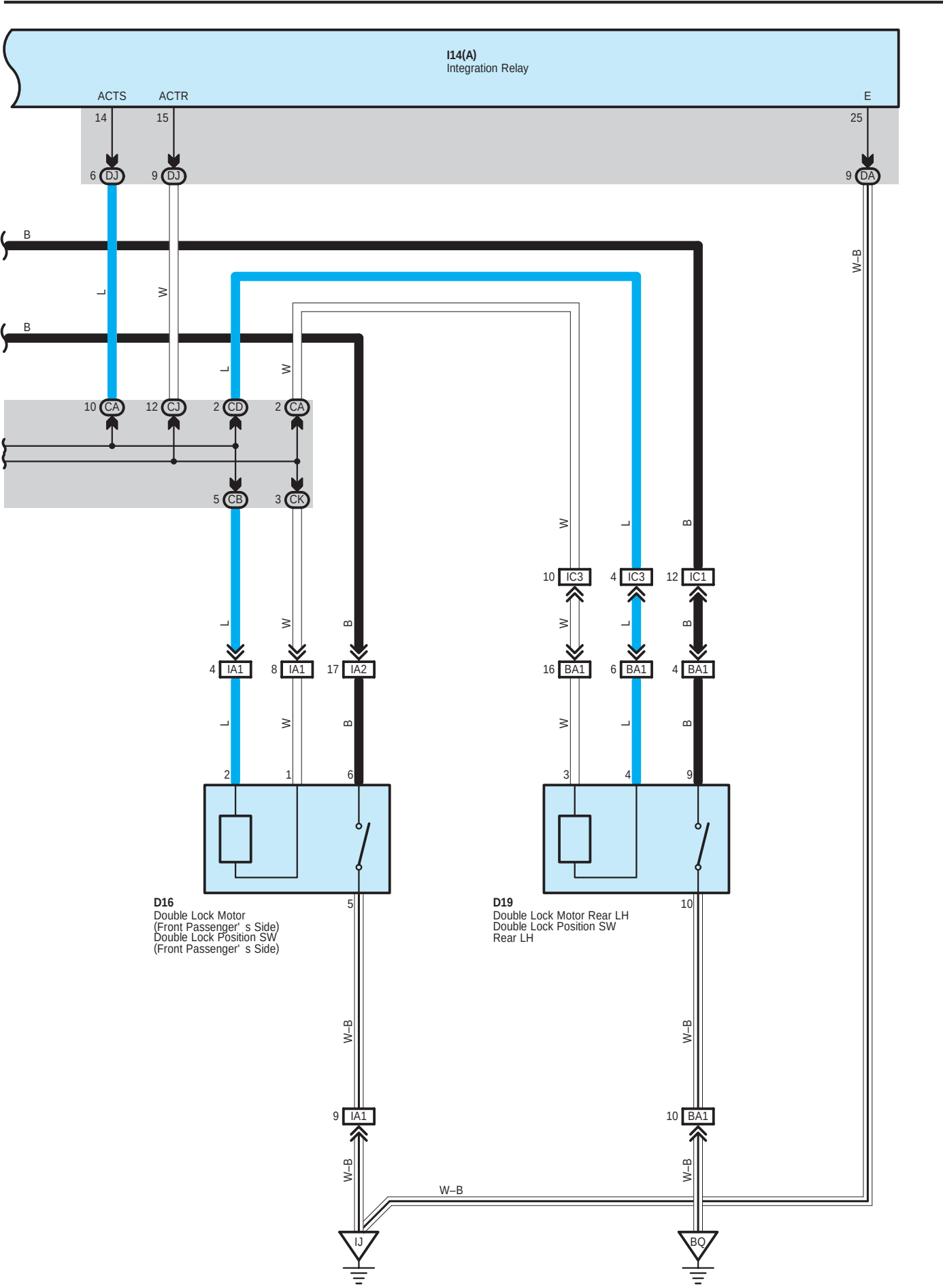
AVENSIS (EWD526E)



407

AVENSIS (EWD526E)

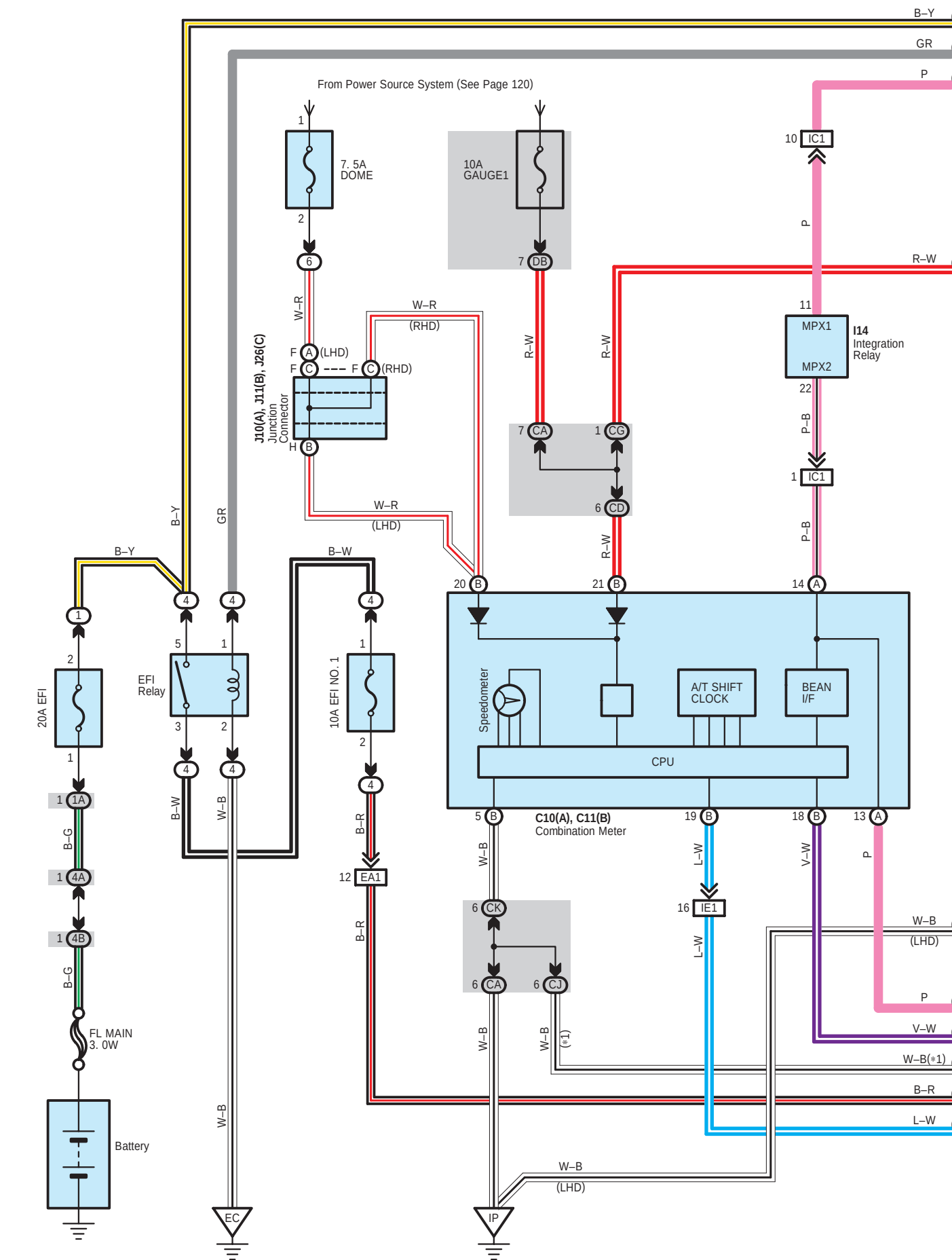
Double Locking



408

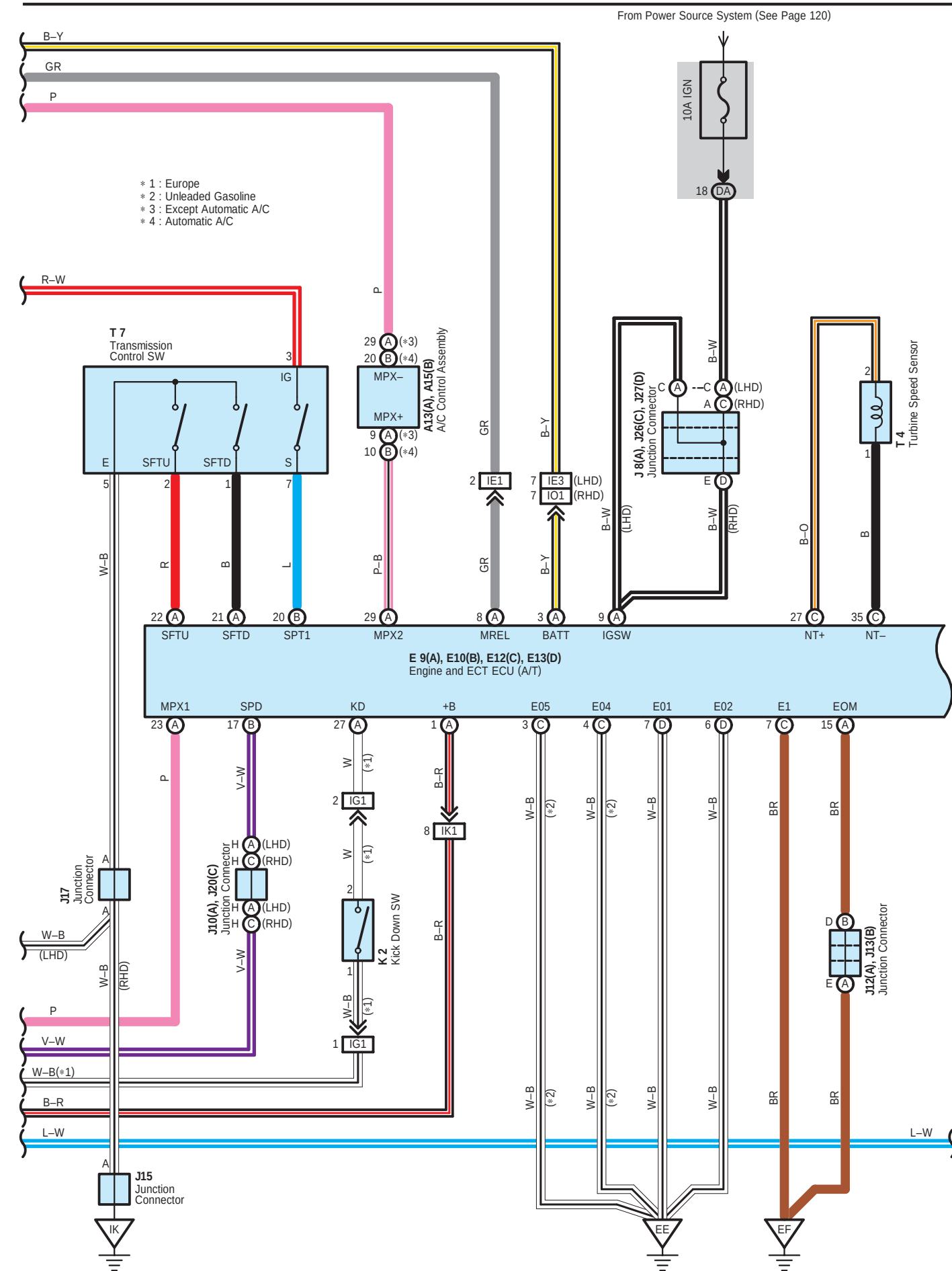
AVENSIS (EWD526E)

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



306

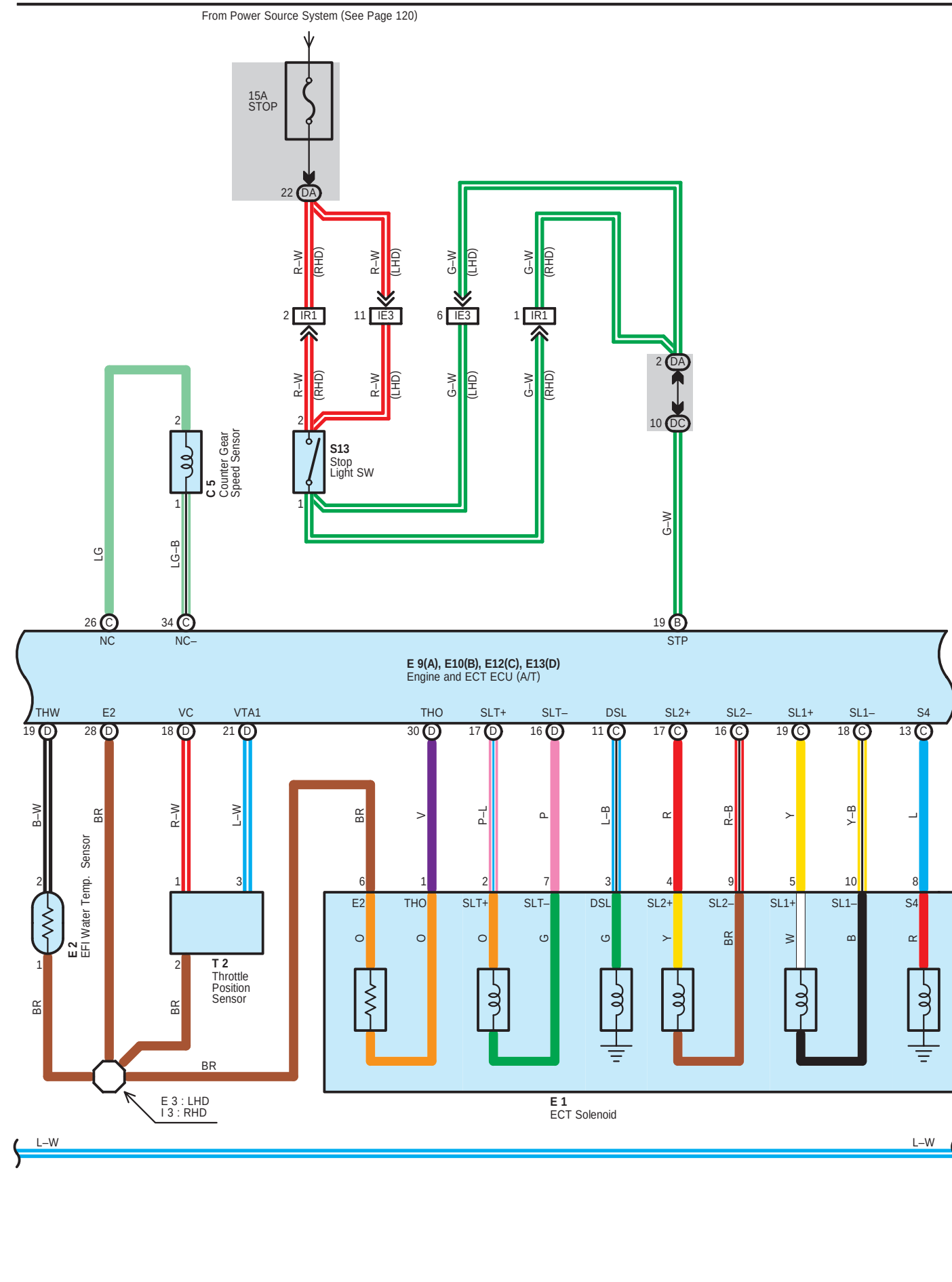
AVENSIS (EWD526E)



307

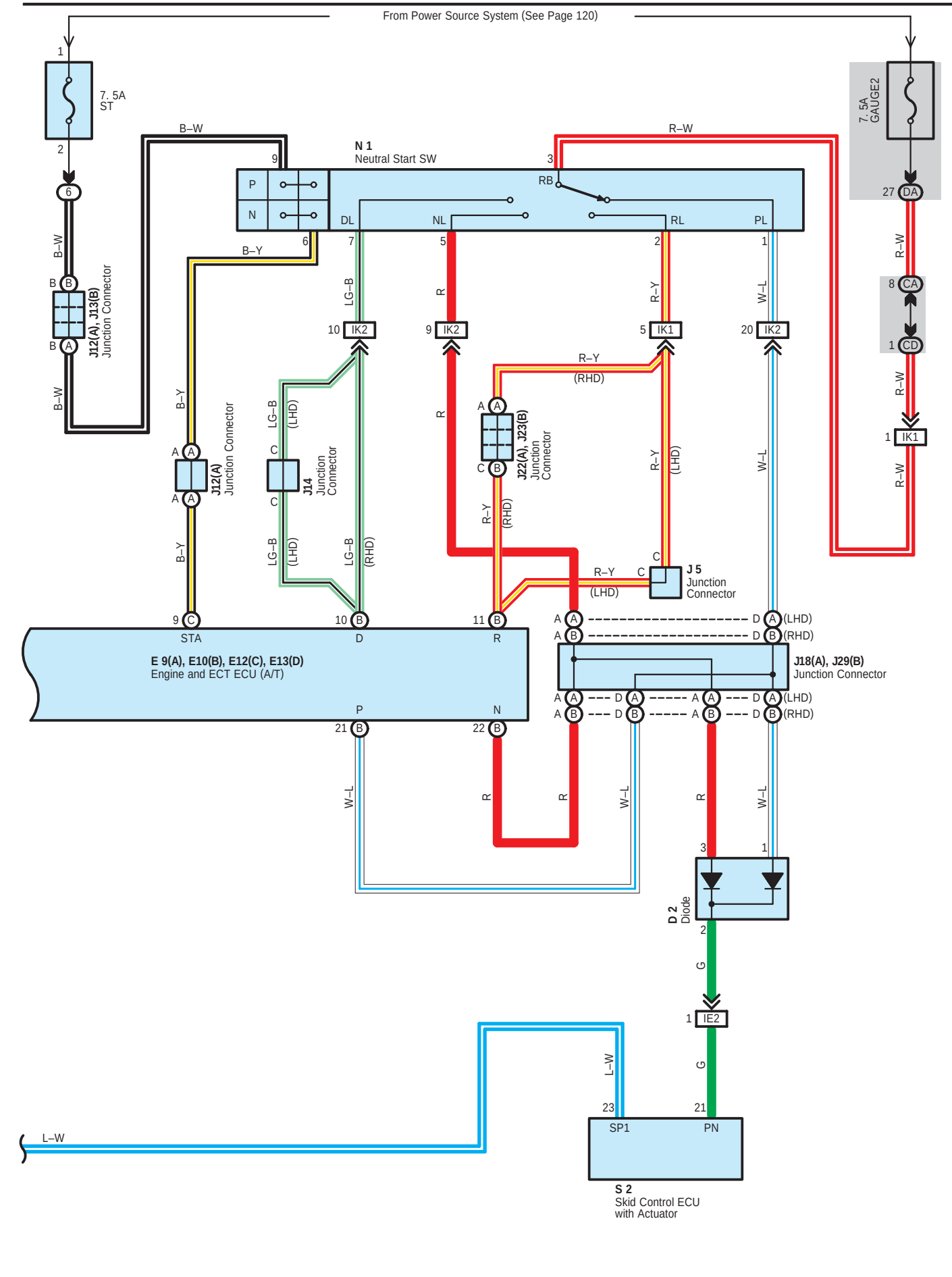
AVENSIS (EWD526E)

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



308

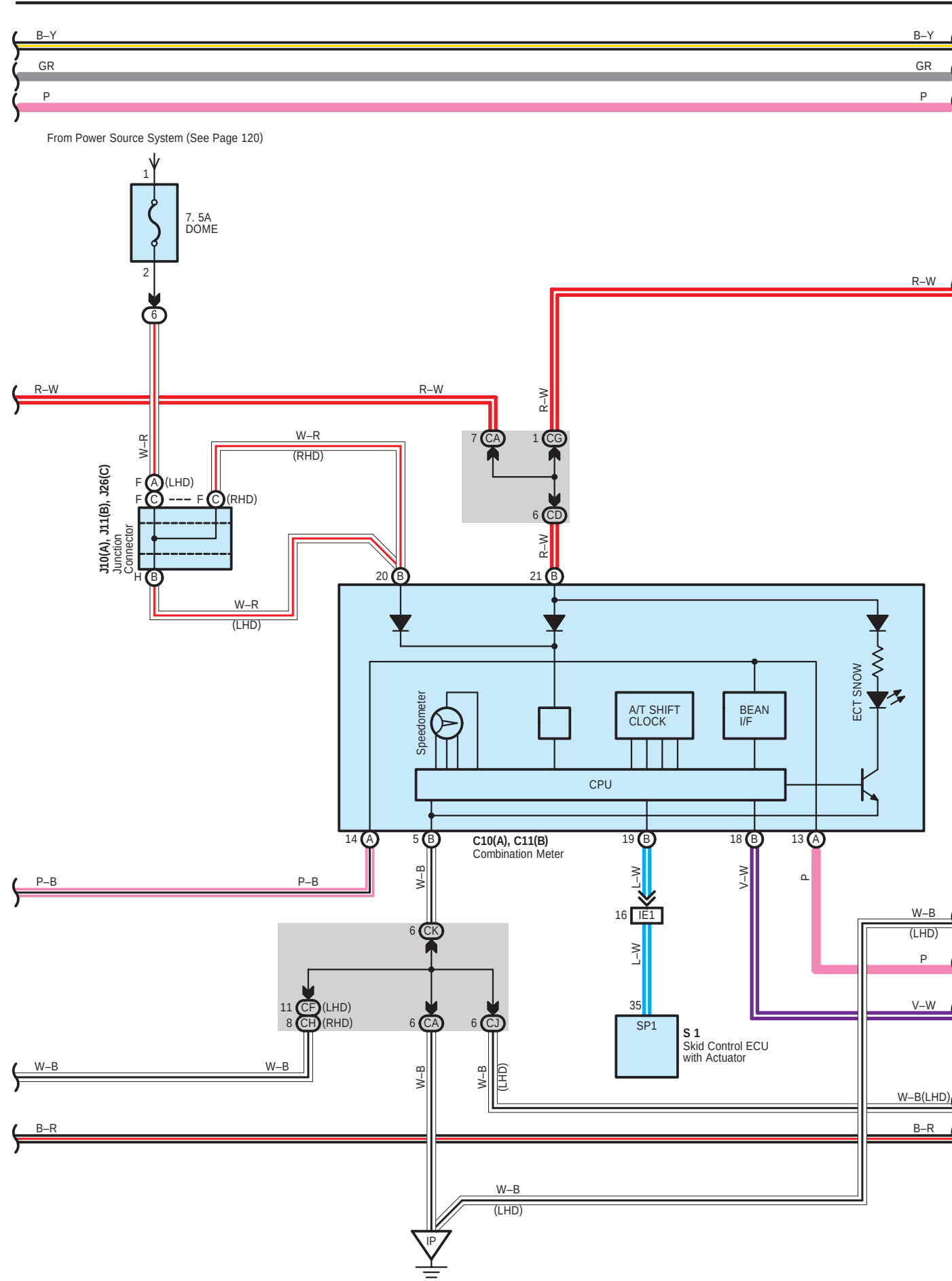
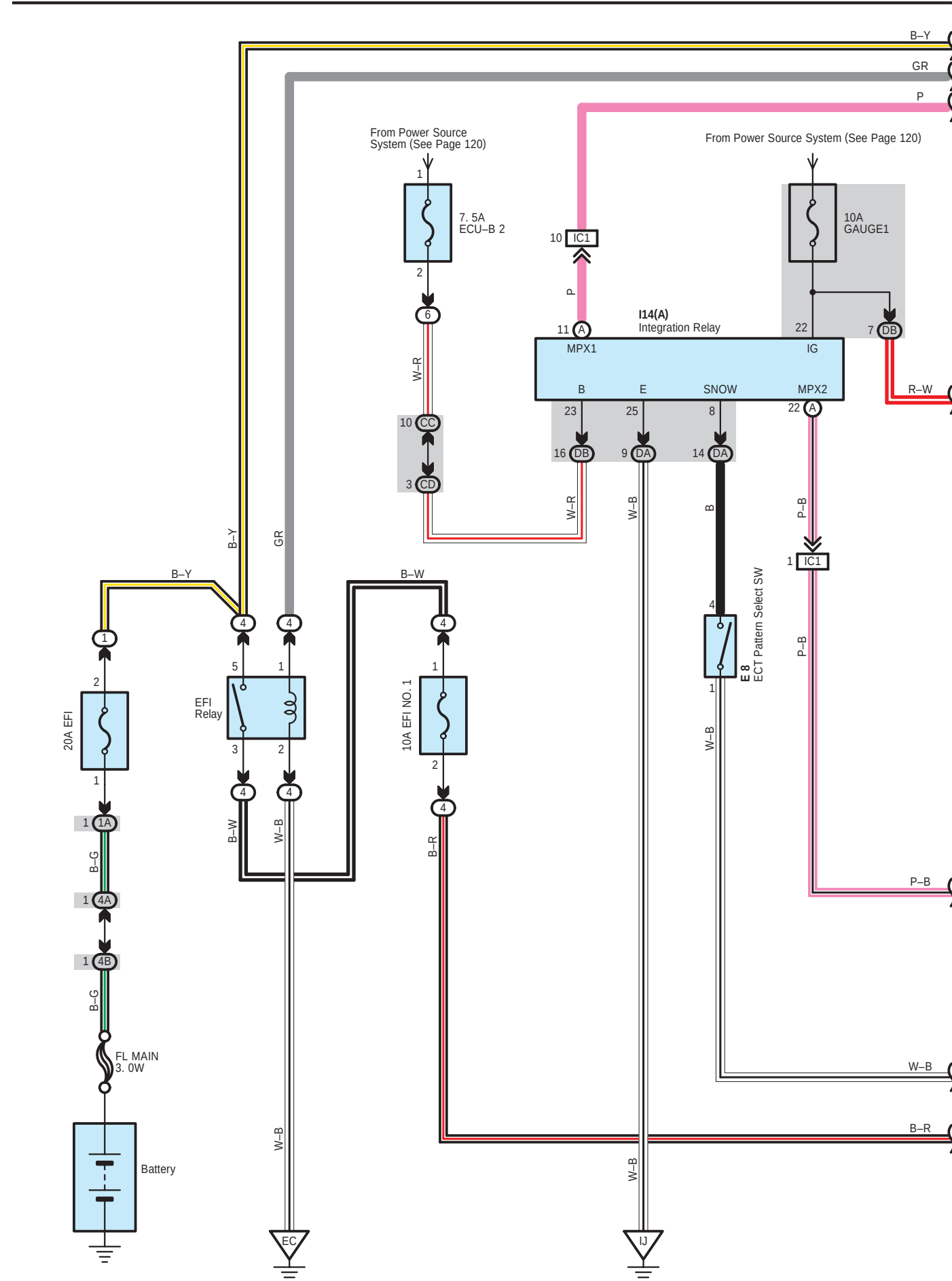
AVENSIS (EWD526E)



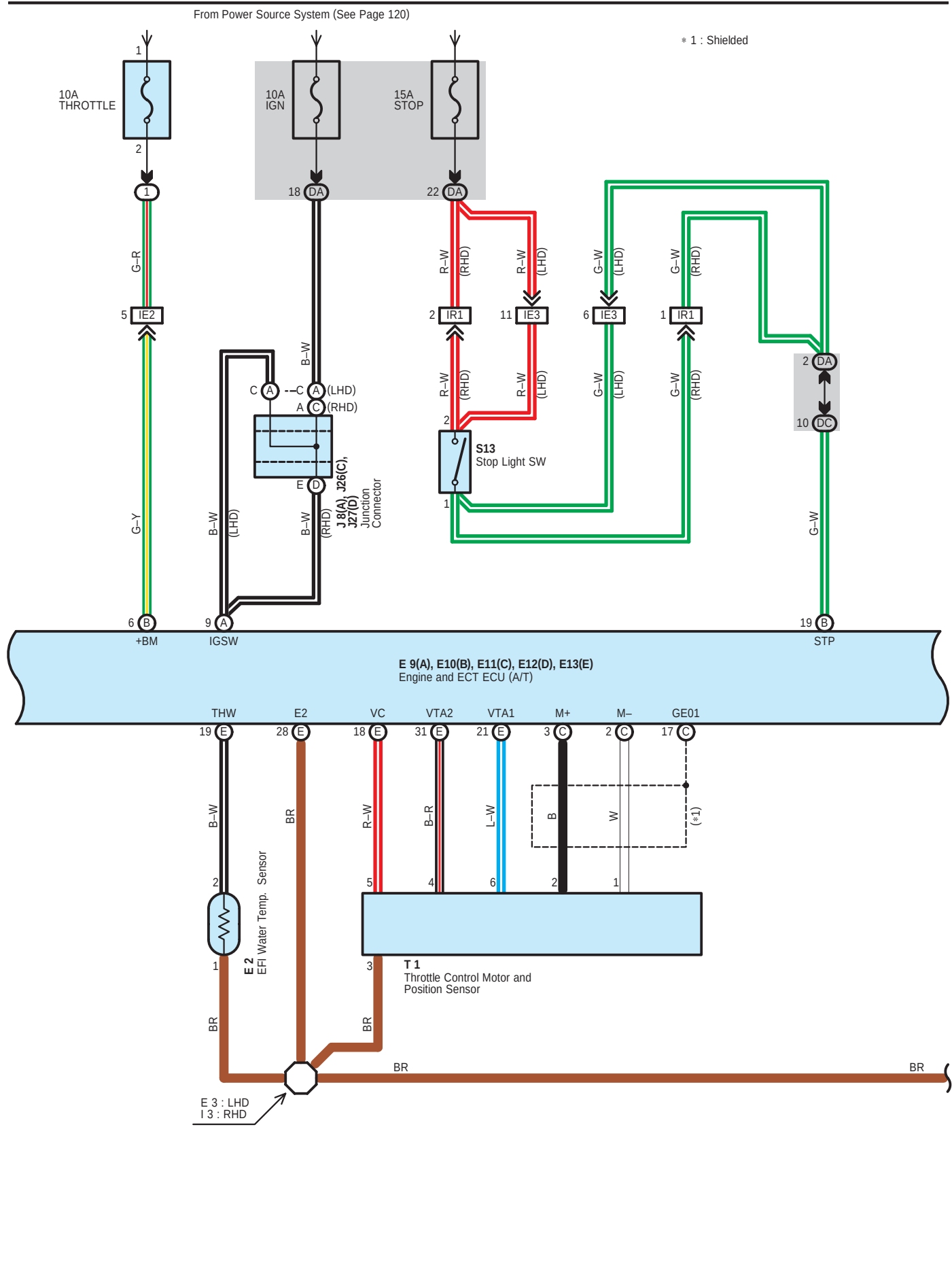
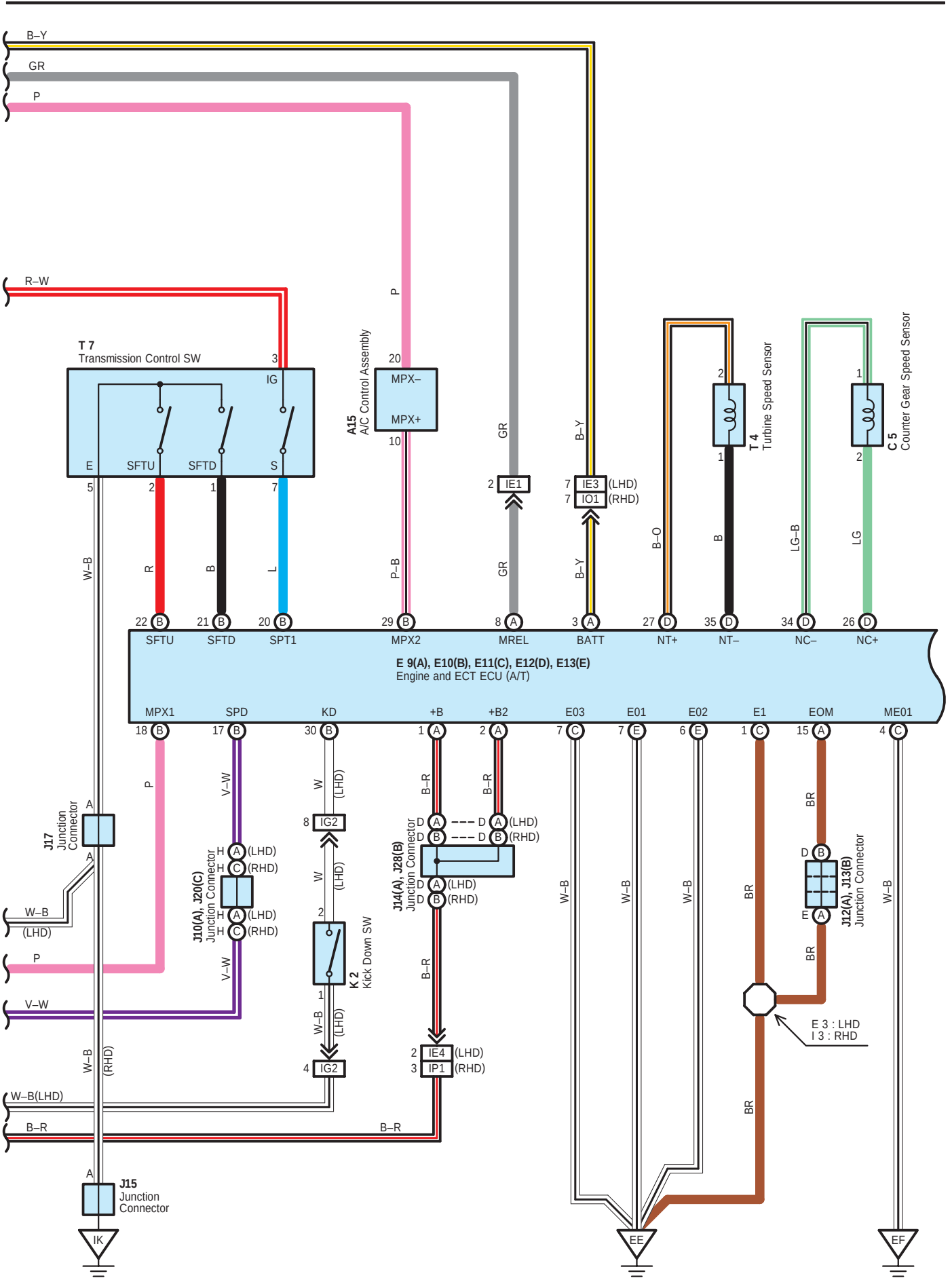
309

AVENSIS (EWD526E)

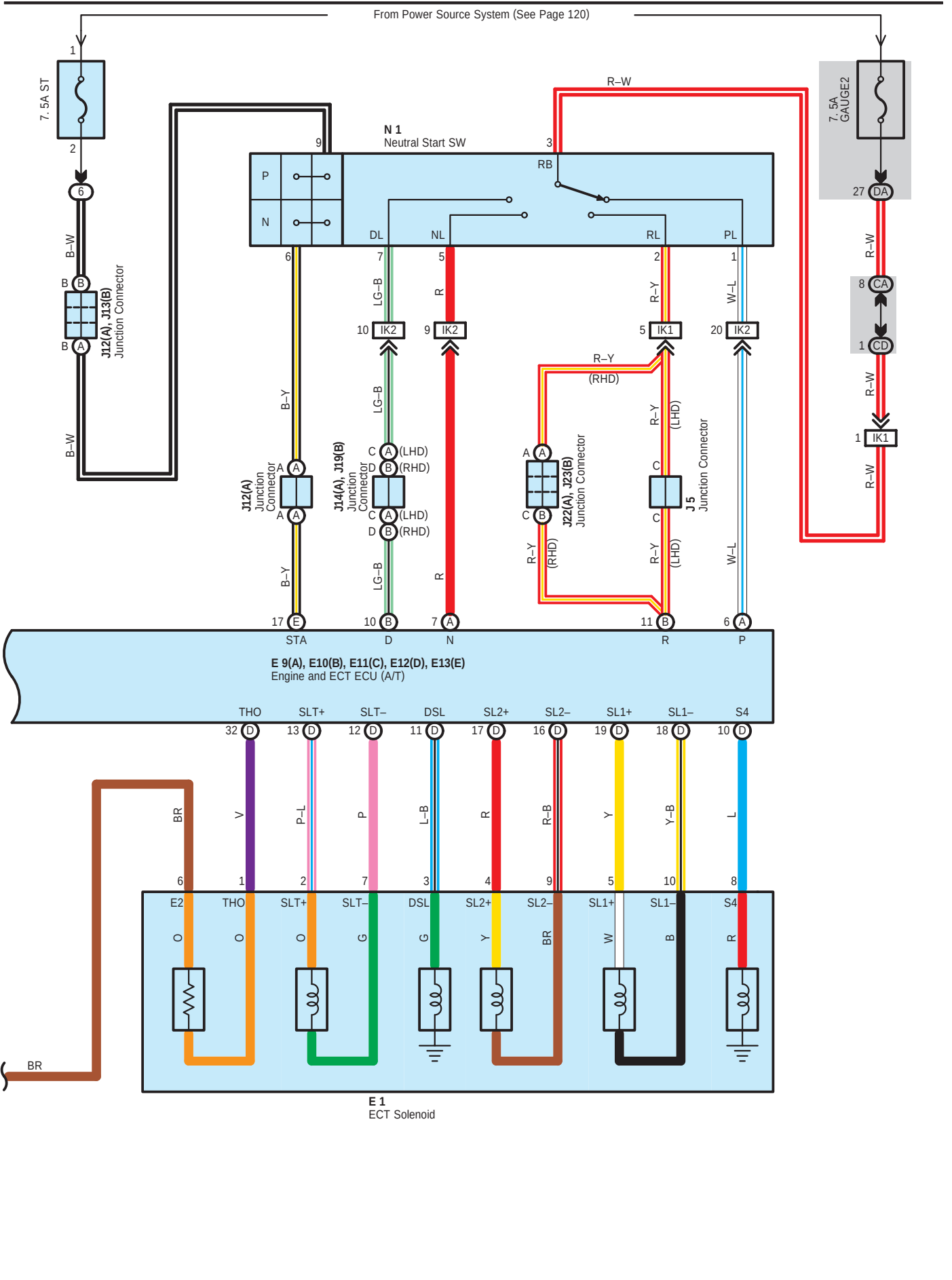
ECT and A/T Indicator (1AZ-FSE)



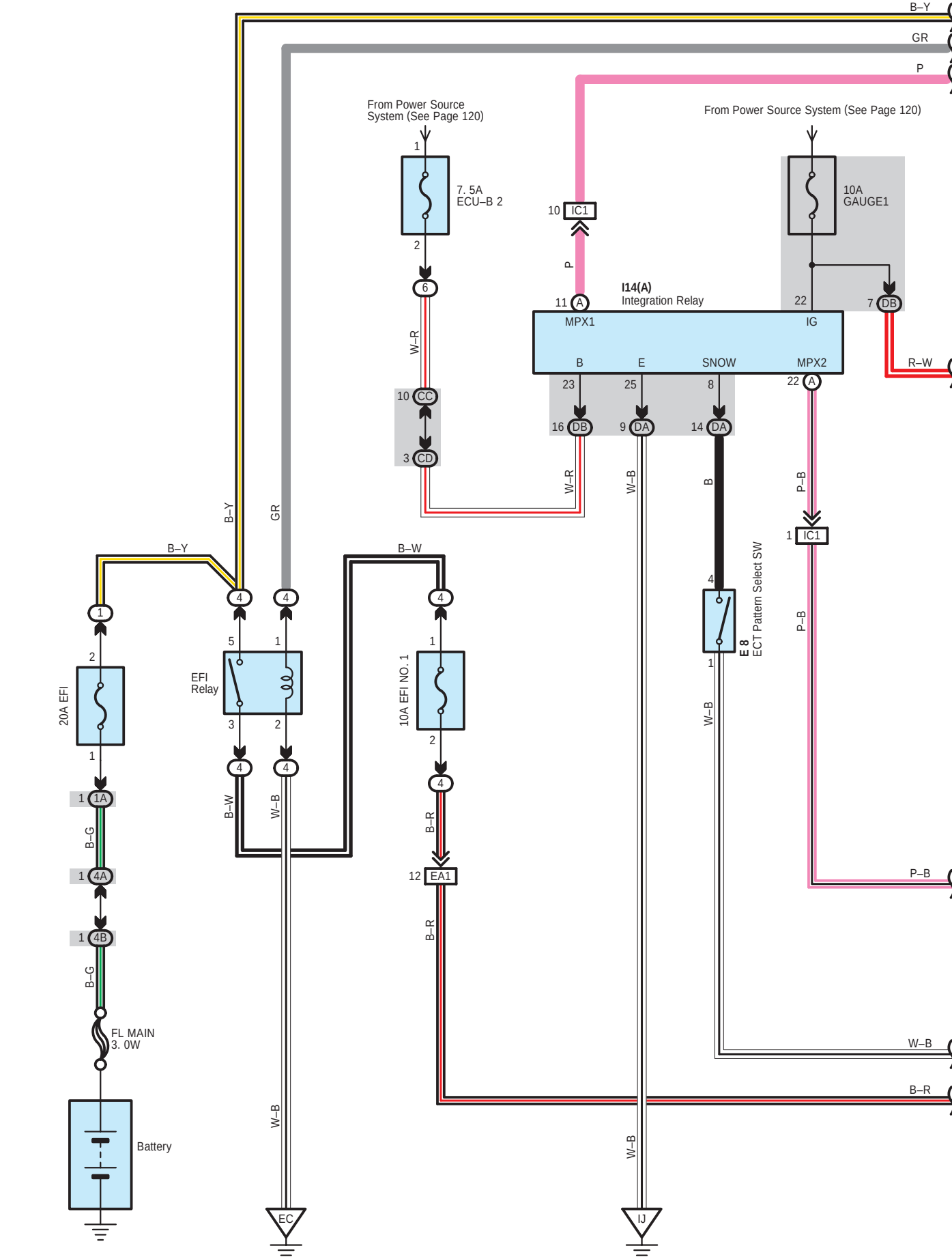
ECT and A/T Indicator (1AZ-FSE)



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

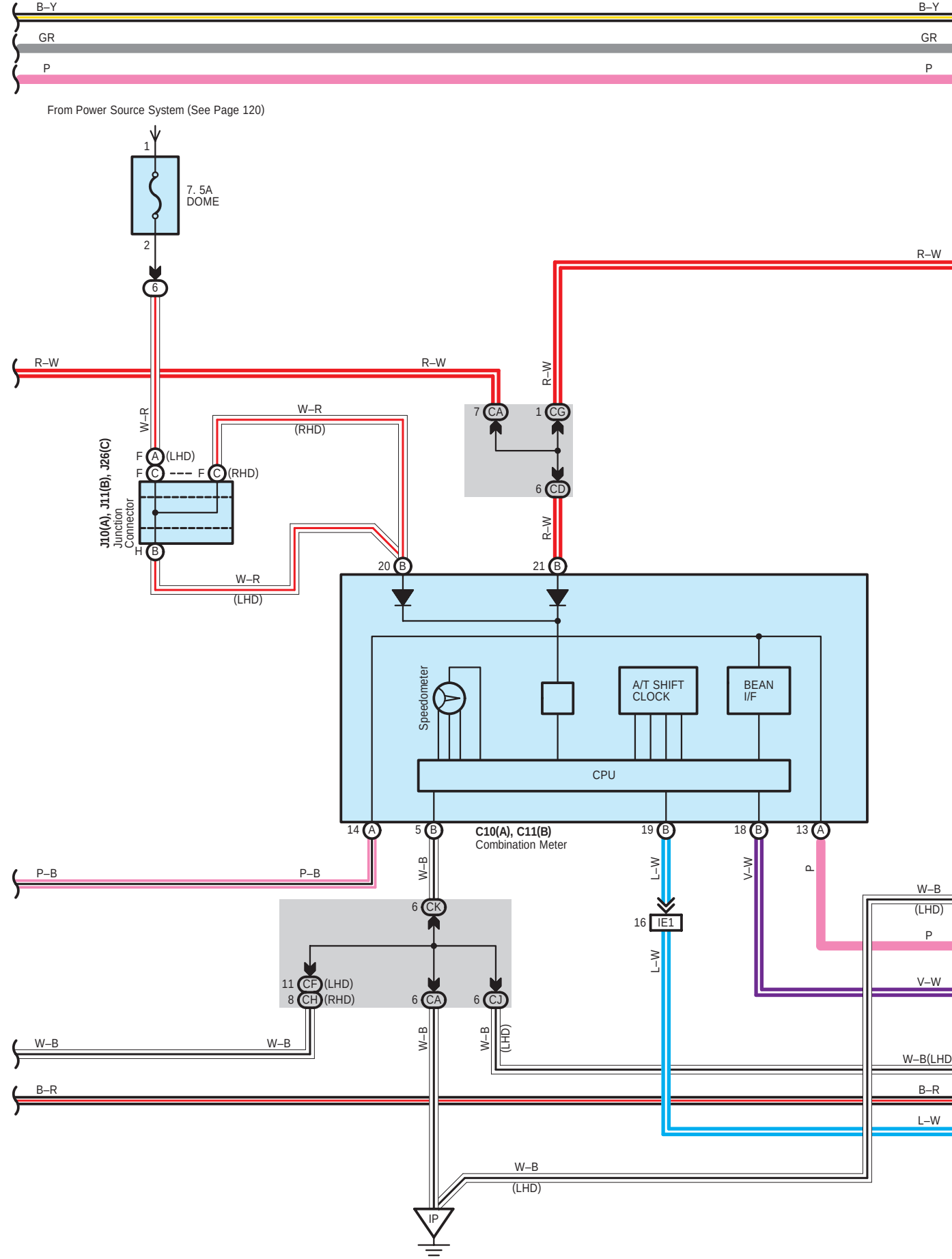


ECT and A/T Indicator (1ZZ-FE)



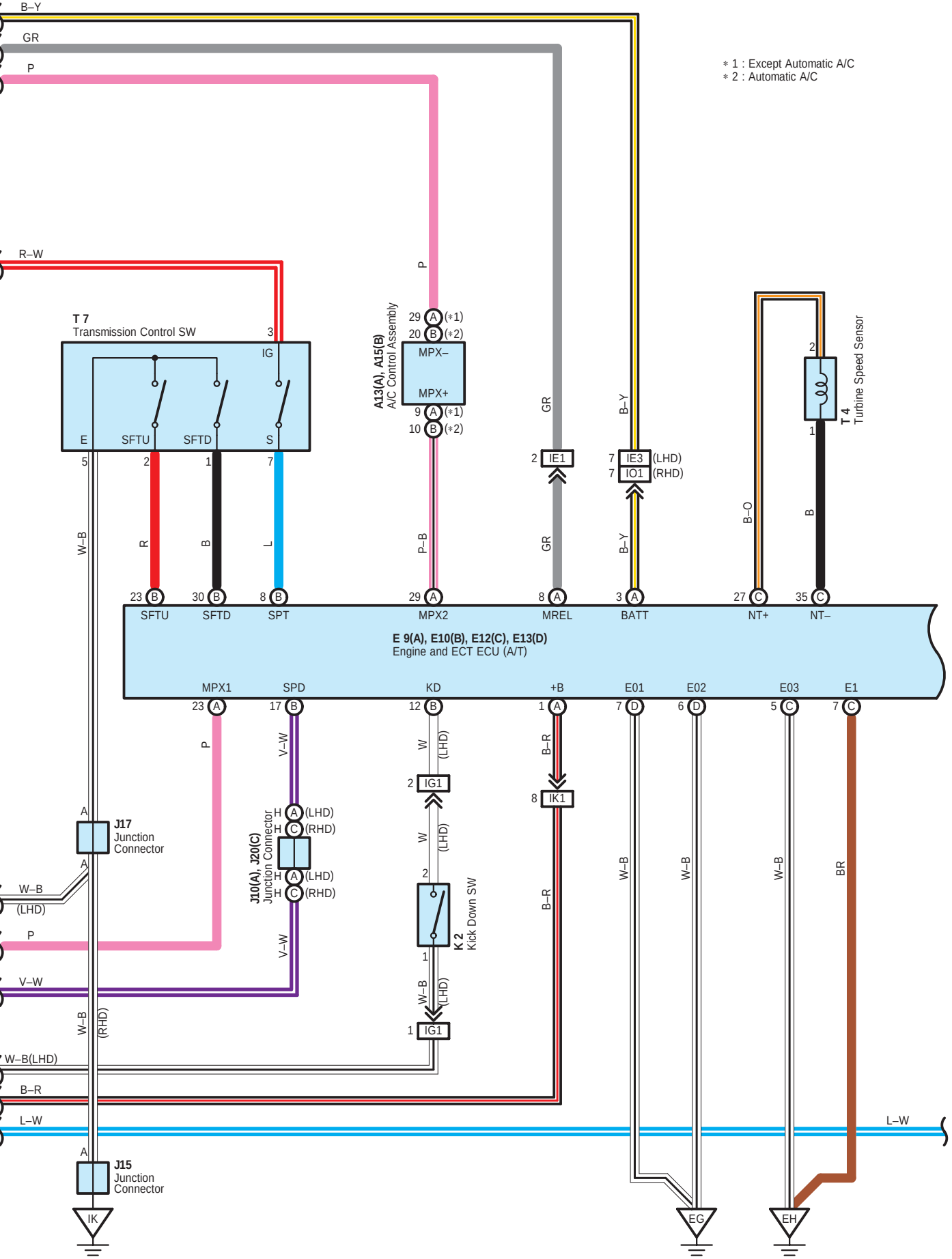
314

AVENSIS (EWD526E)



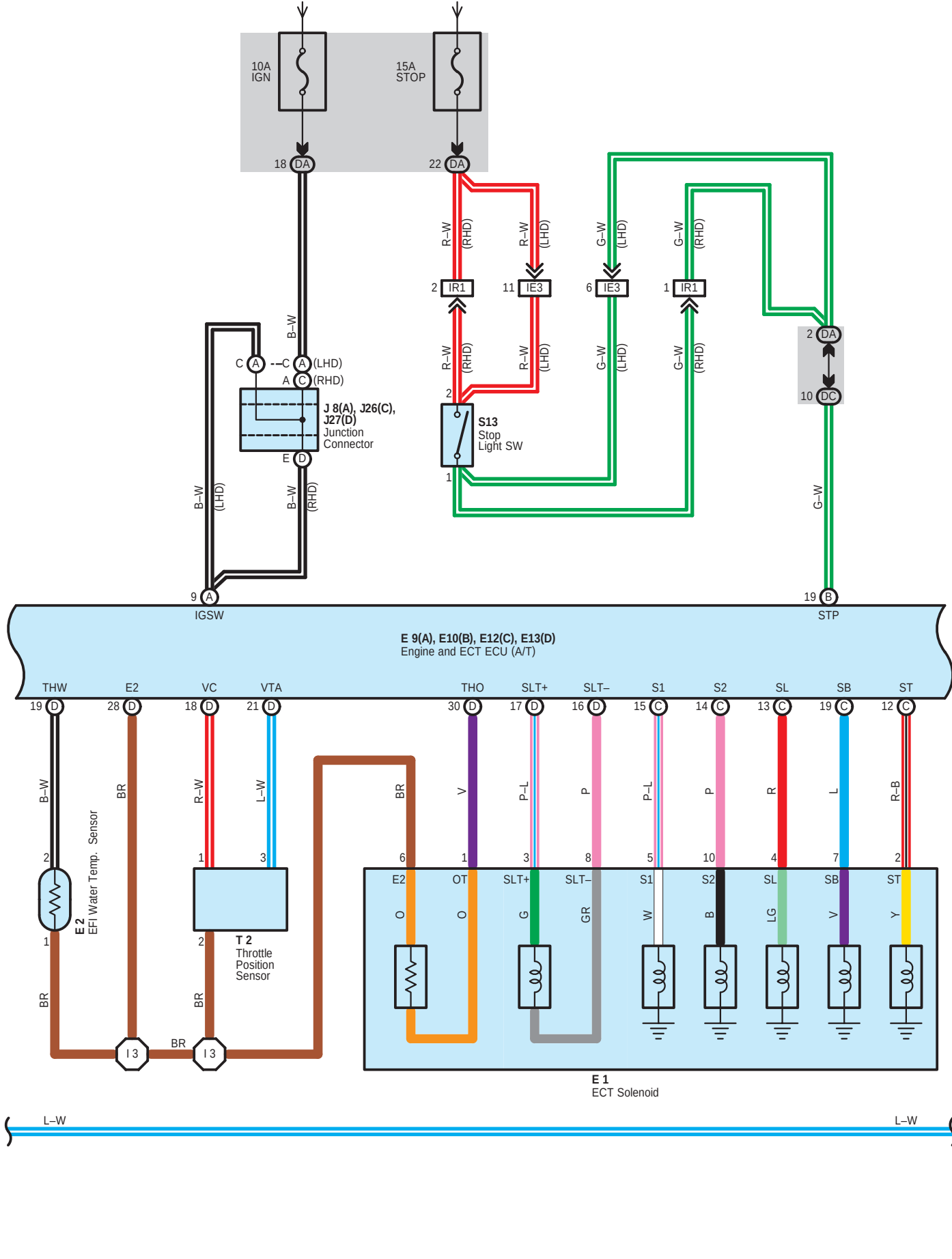
AVENSIS (EWD526E)

ECT and A/T Indicator (1ZZ-FE)



316

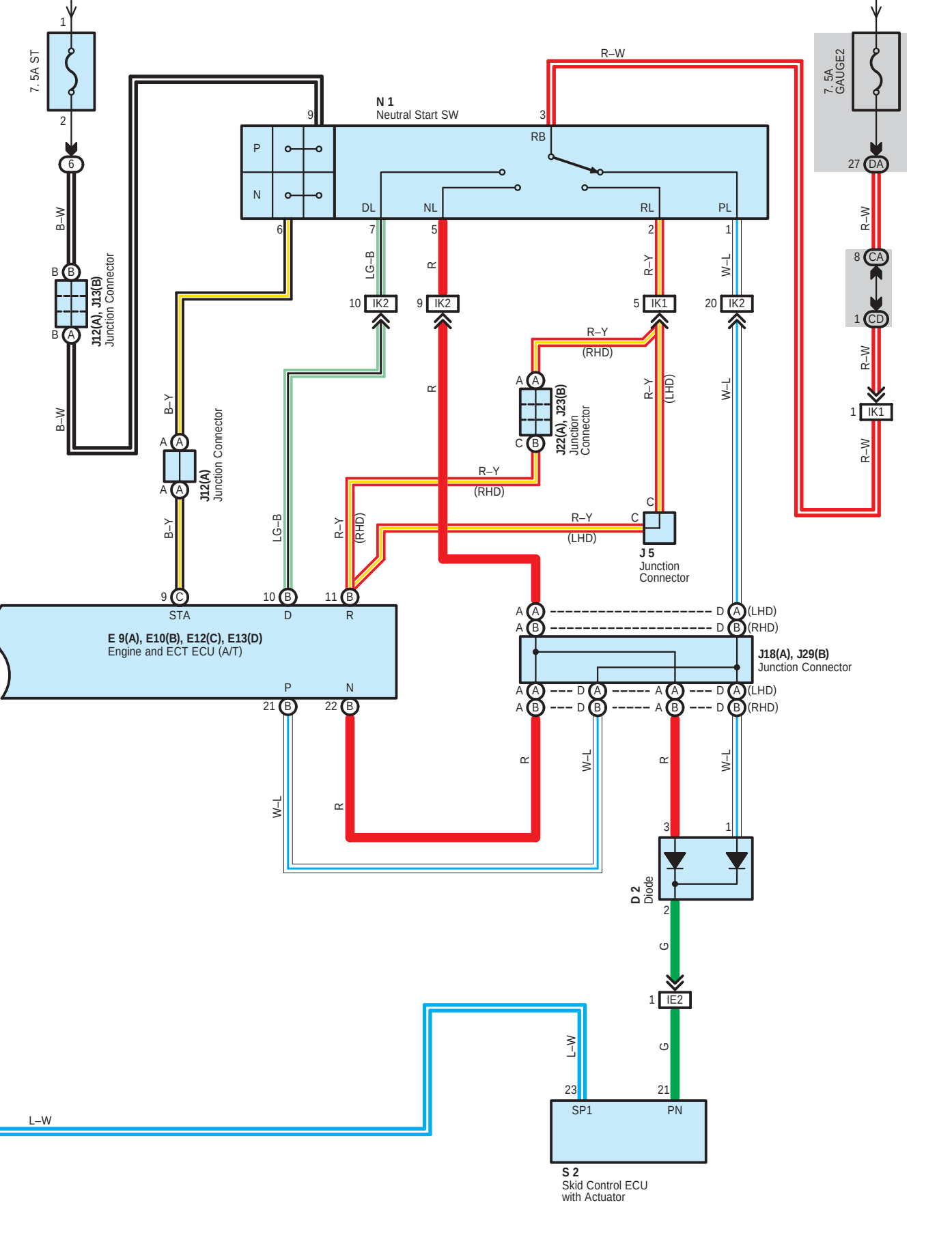
AVENSIS (EWD526E)



317

AVENSIS (EWD526E)

ECT and A/T Indicator (1ZZ-FE)



318

AVENSIS (EWD526E)



From Power Source System (See Page 120)



GR-D 1



CD-8

GR-R / / GR-R



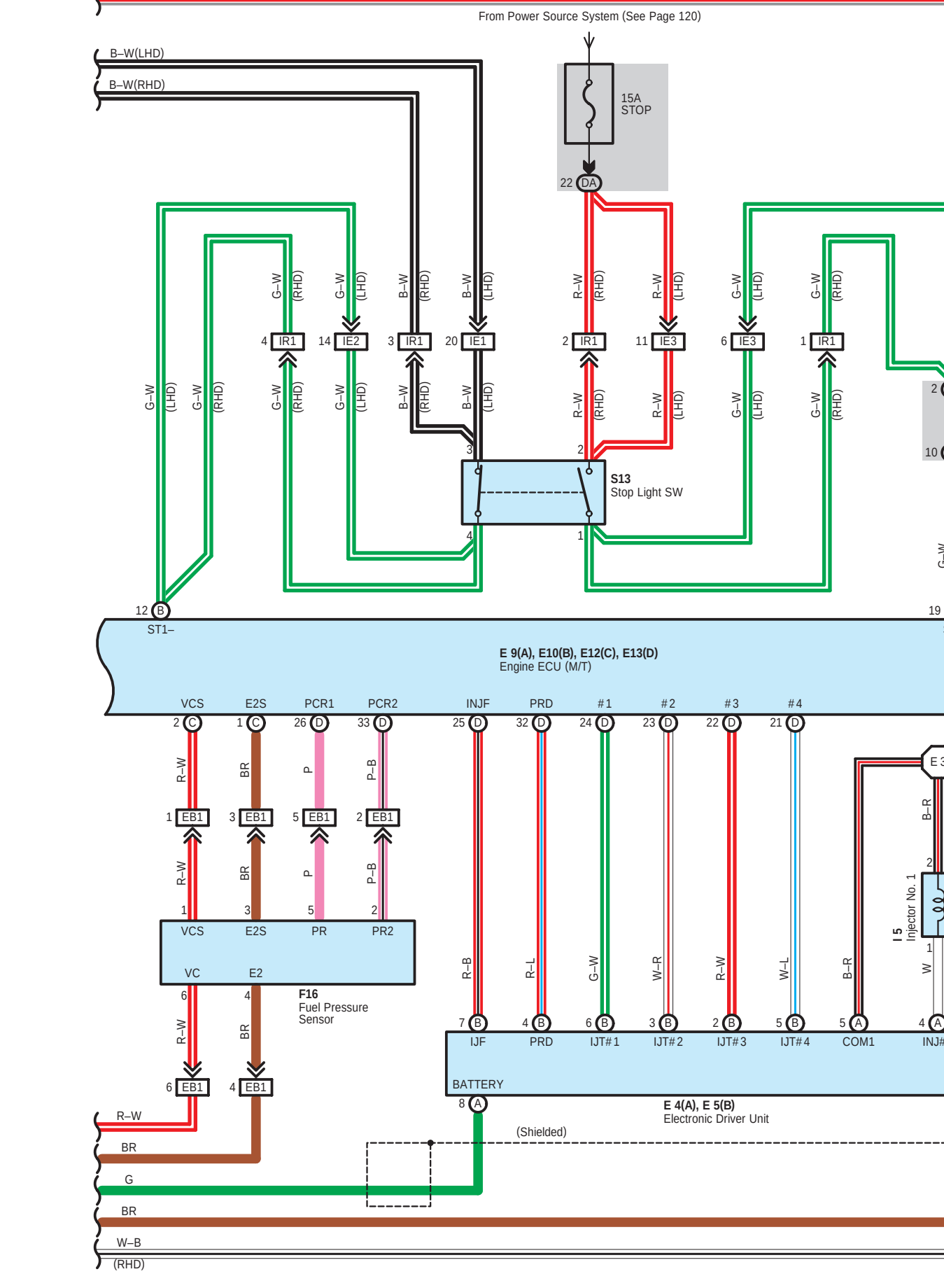
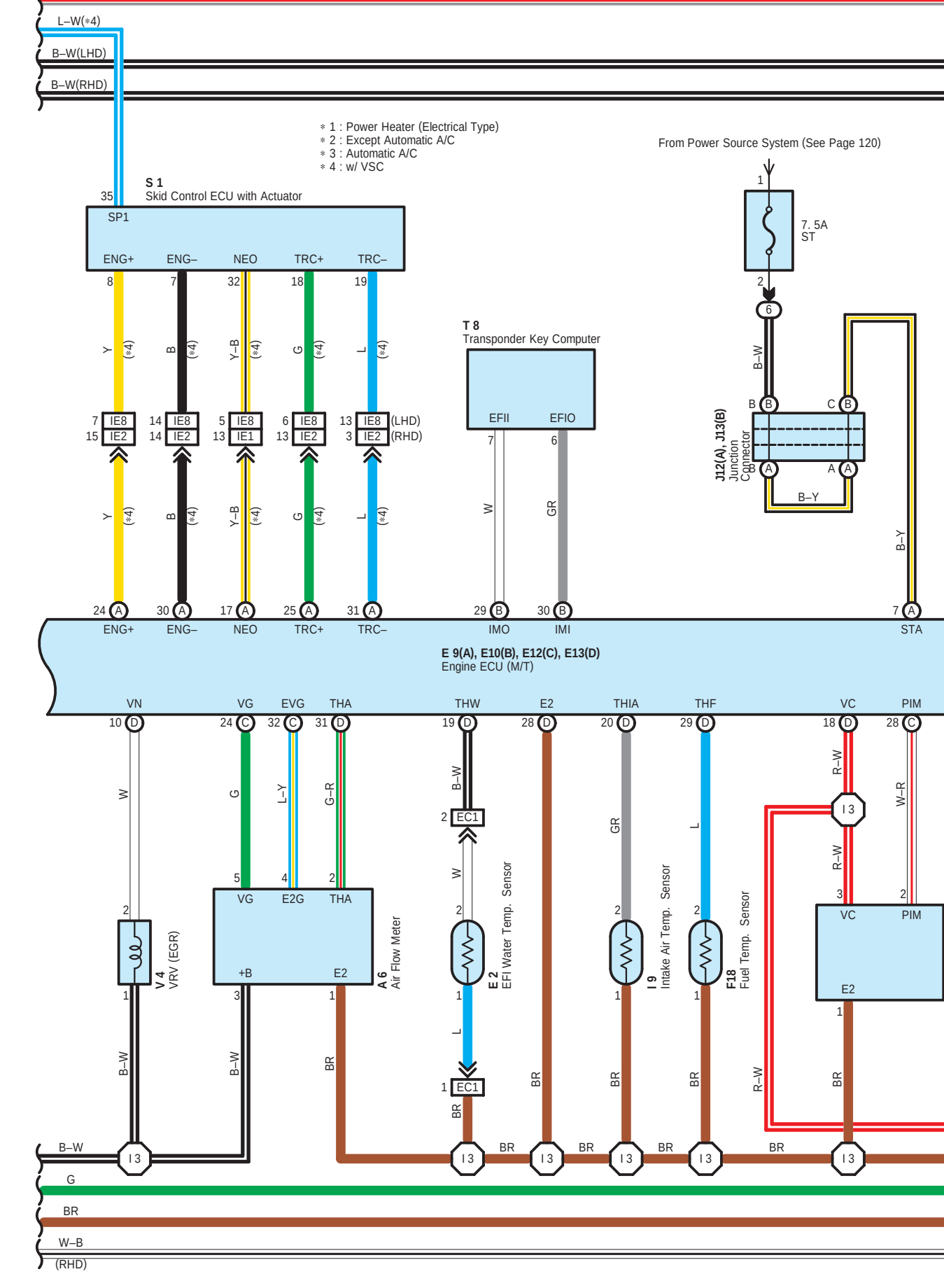
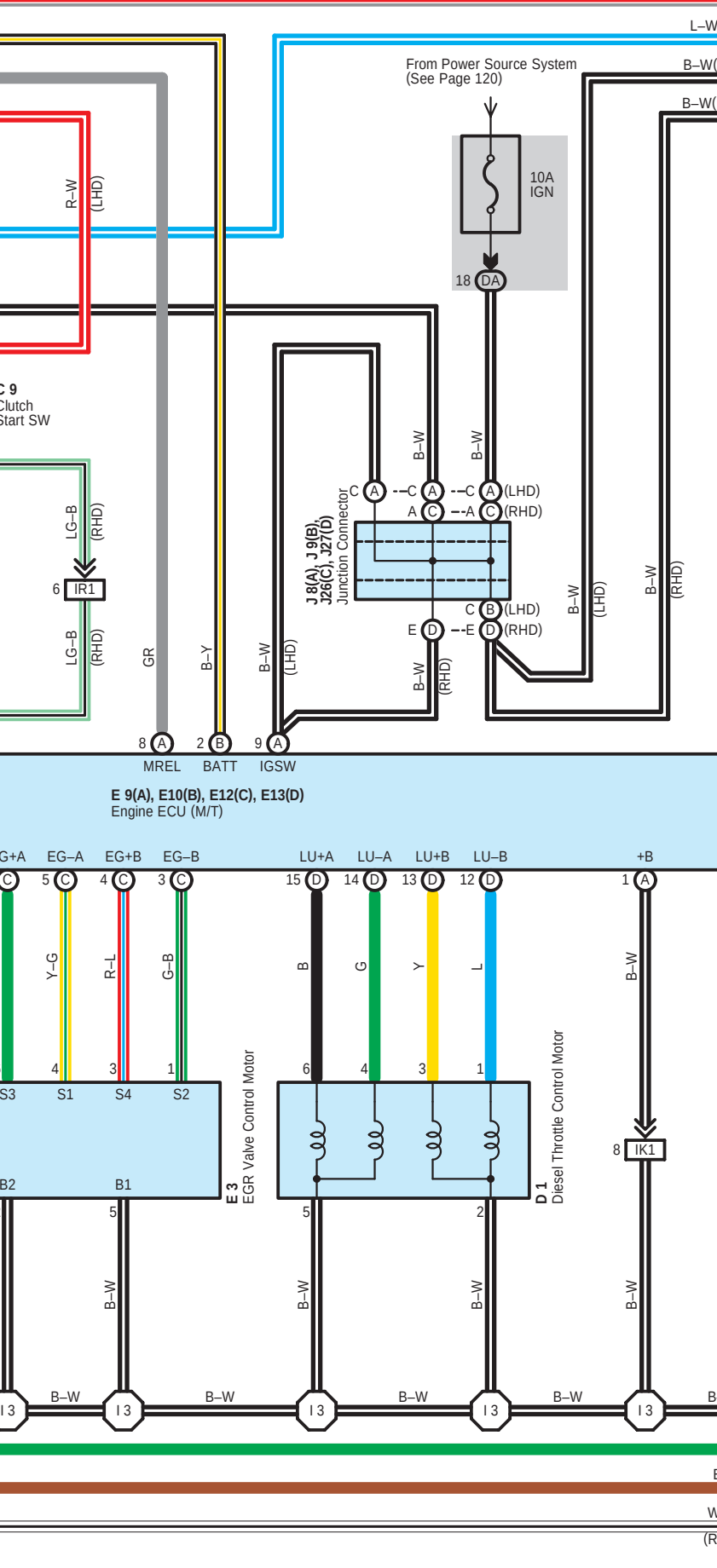
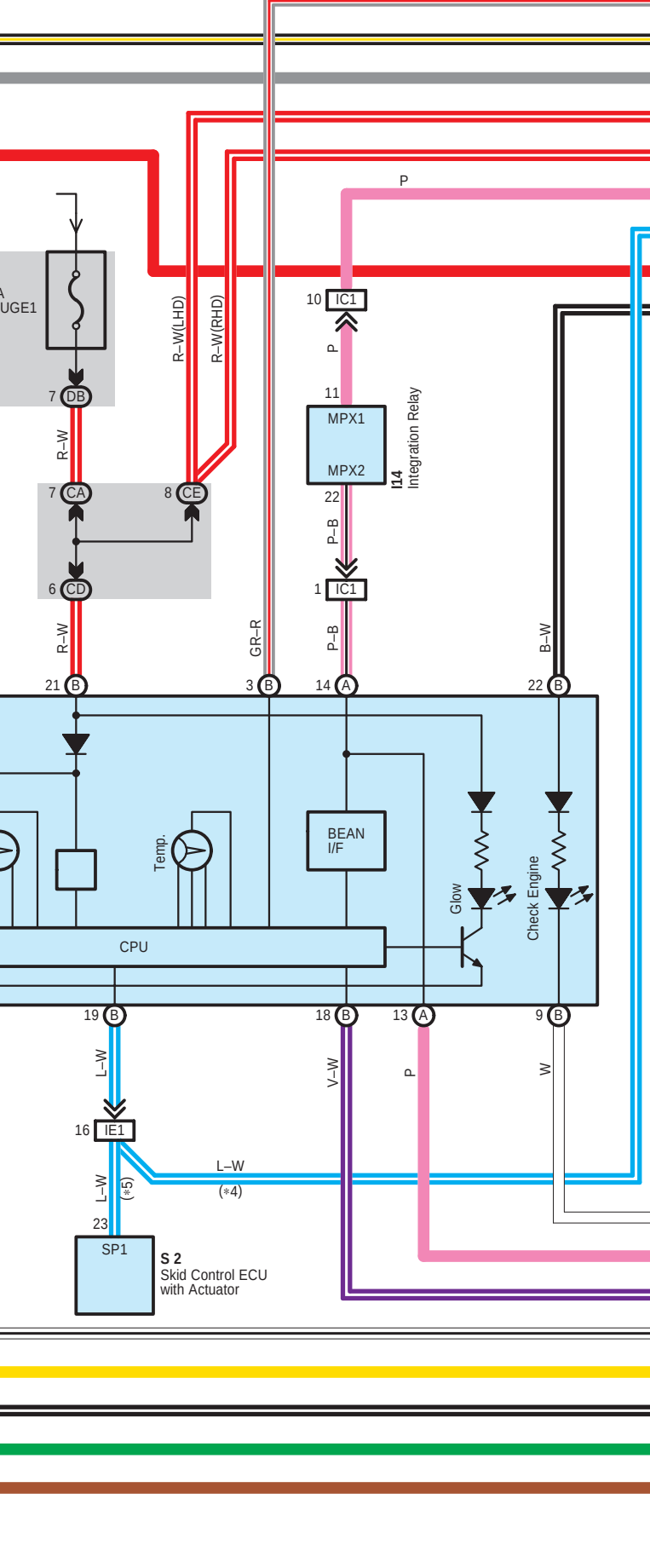
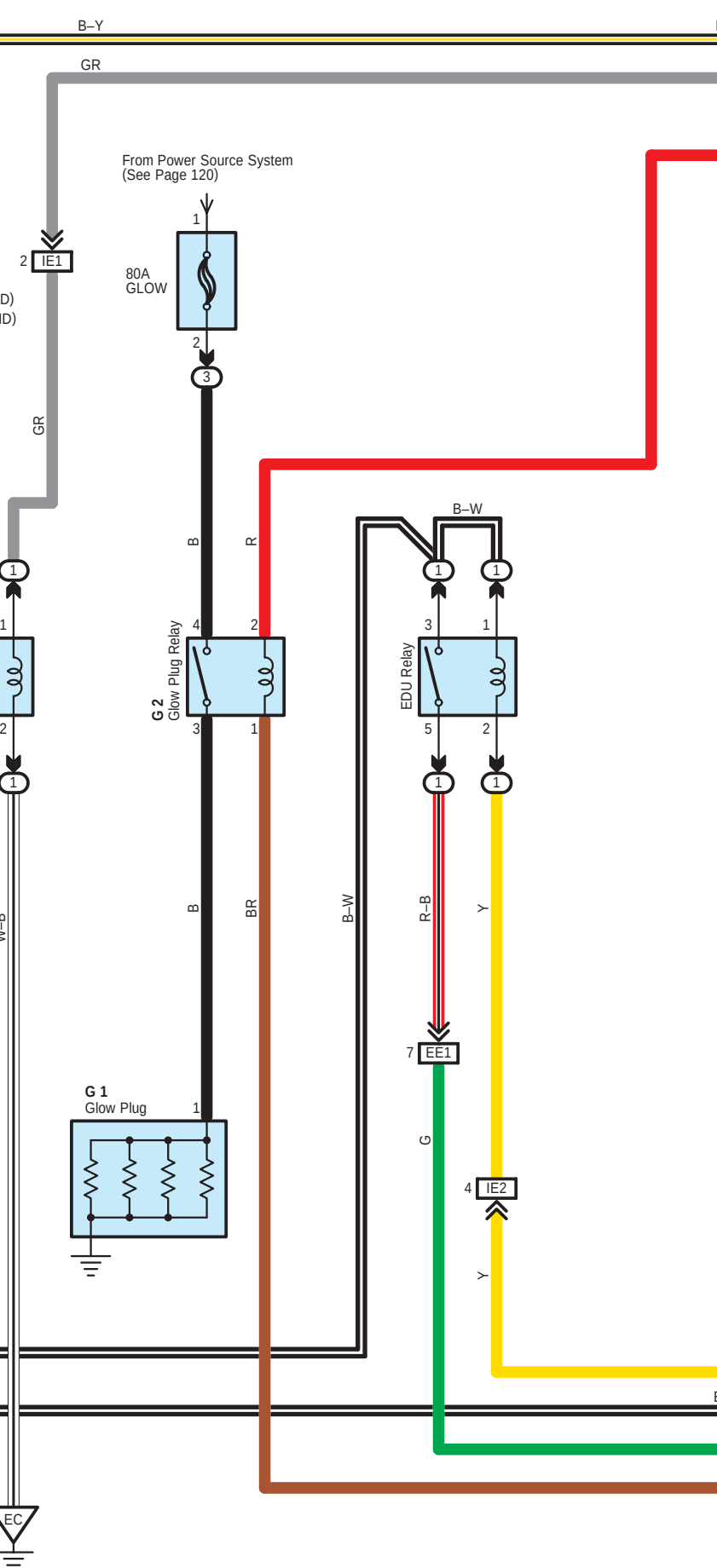
GR-D /

GD-D / / GD-D

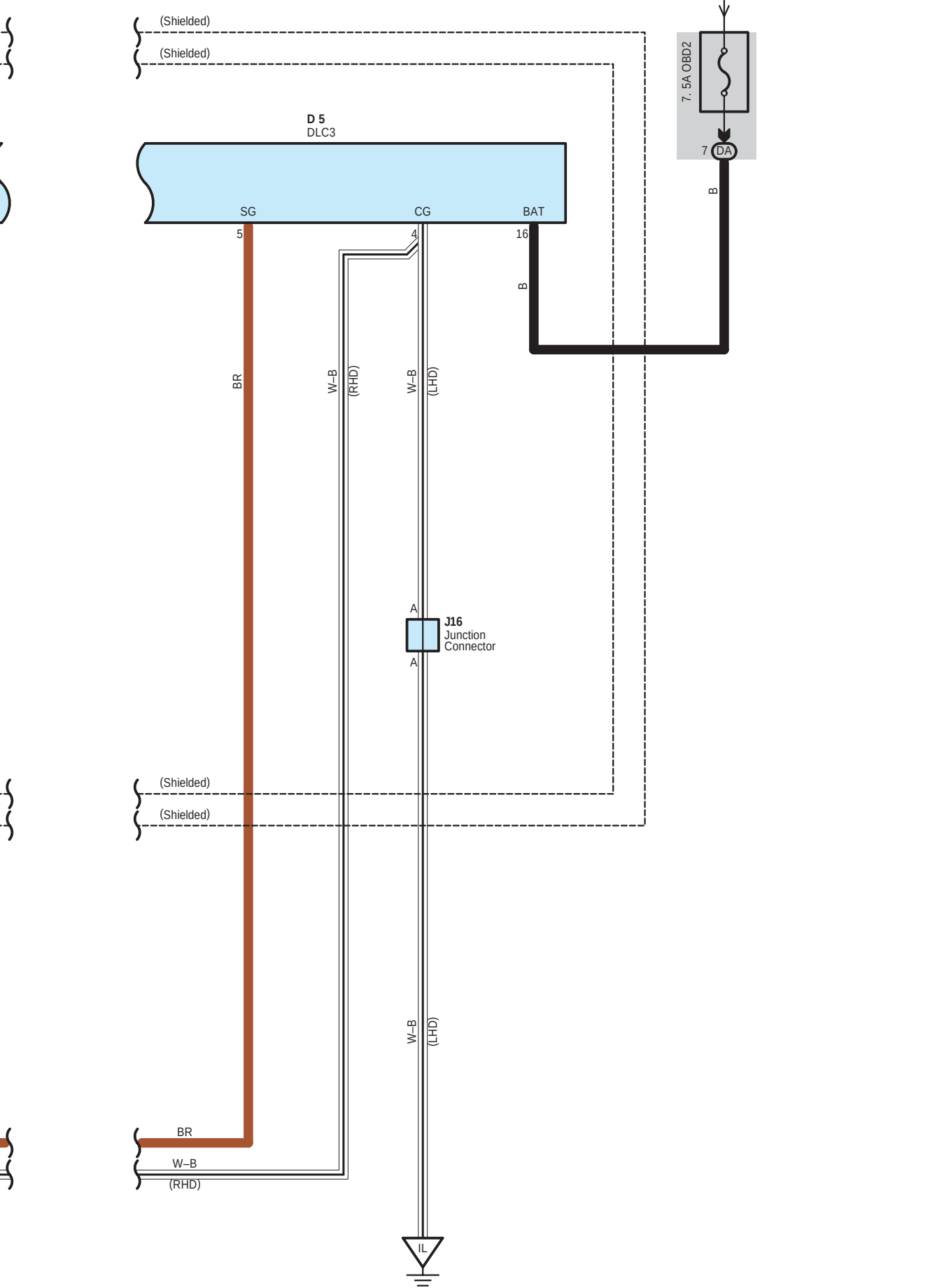
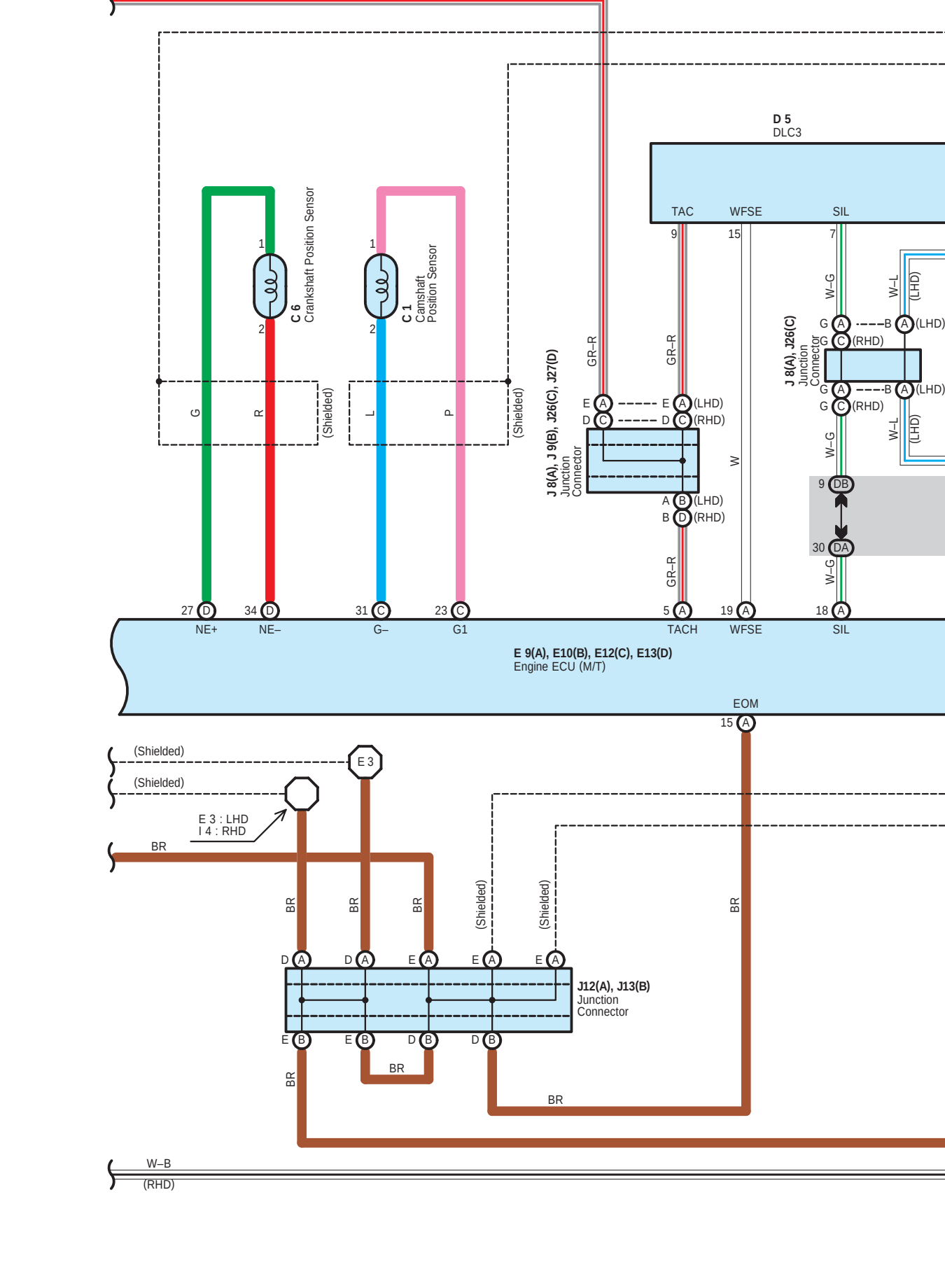
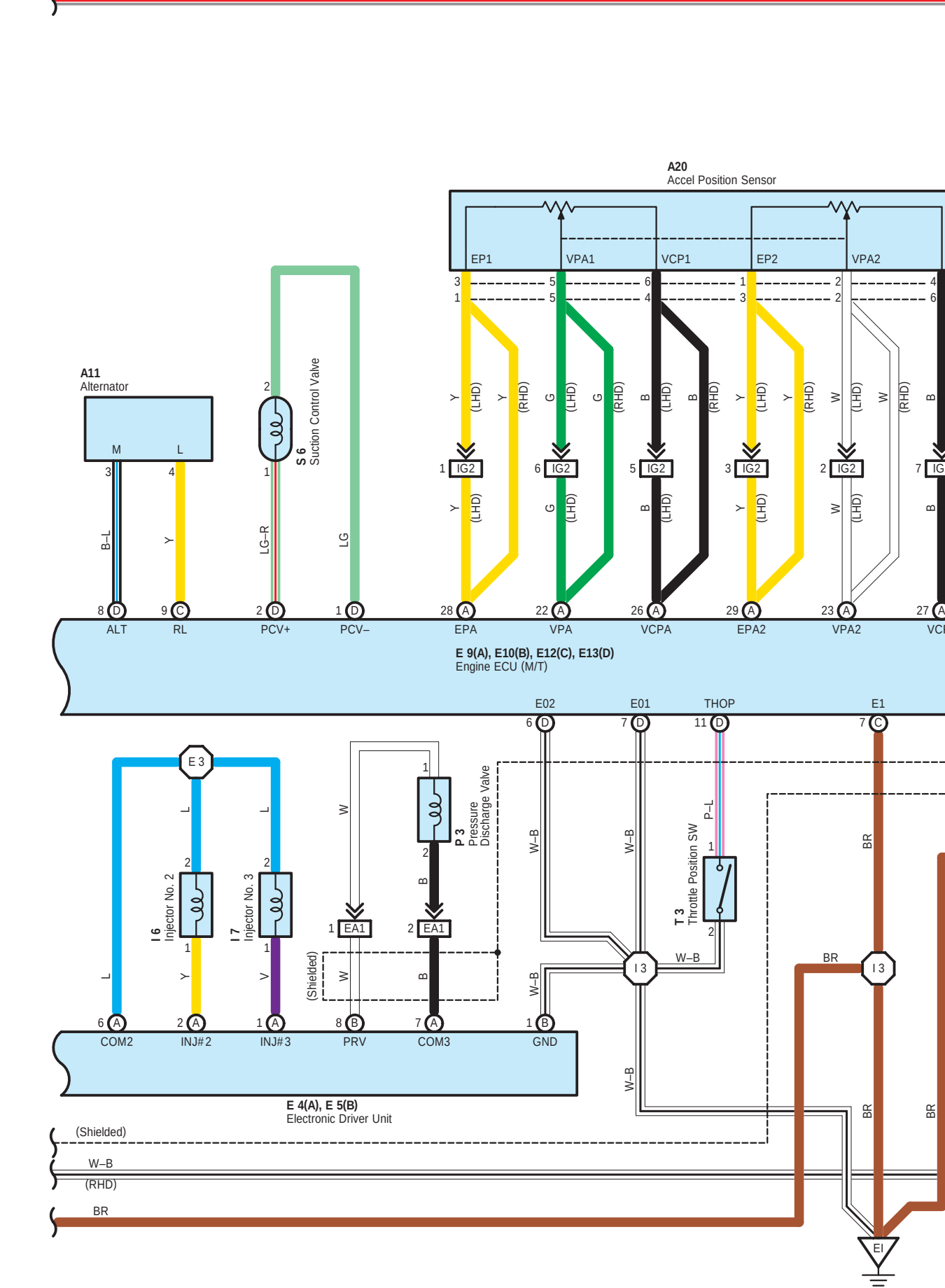
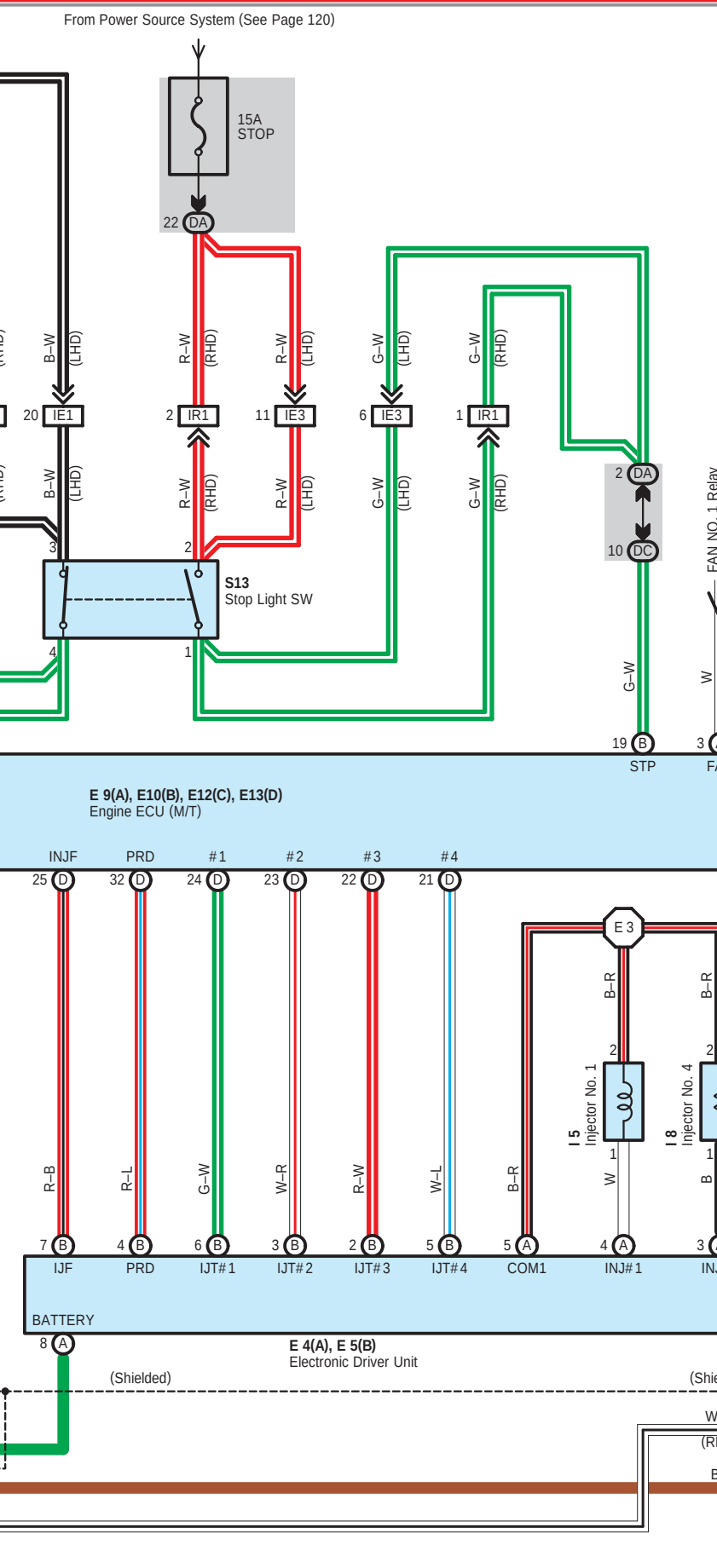


From Power Source Syst





v)



From Power Source System (See Page 120)



AVENSIS (EWD526E)



AVENSIS (EWD526E)



AVENSIS (EWD526E)

AVENSIS (EWD526E)



AVENSIS (EWD526E)

AVENSIS (EWD526E)

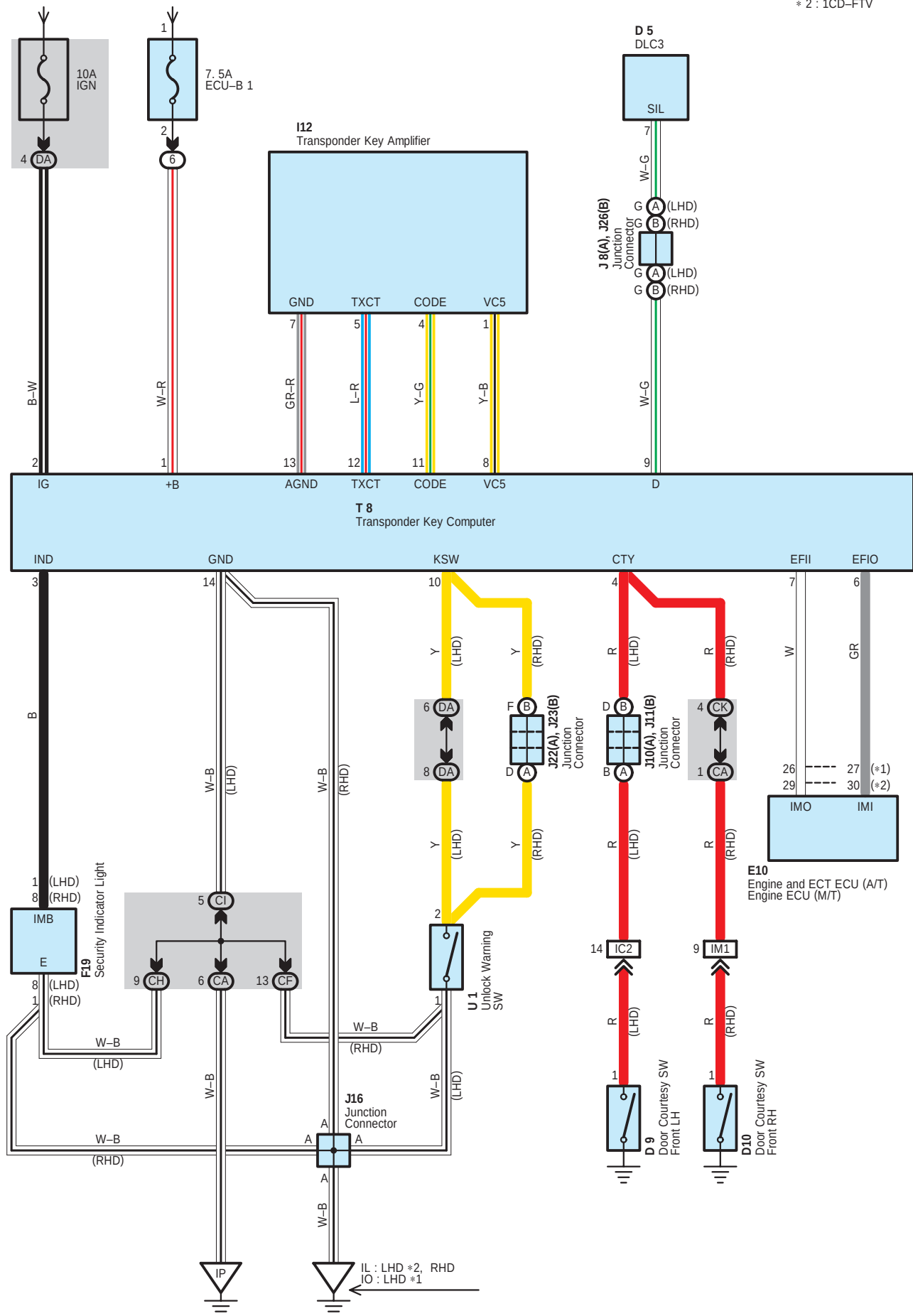


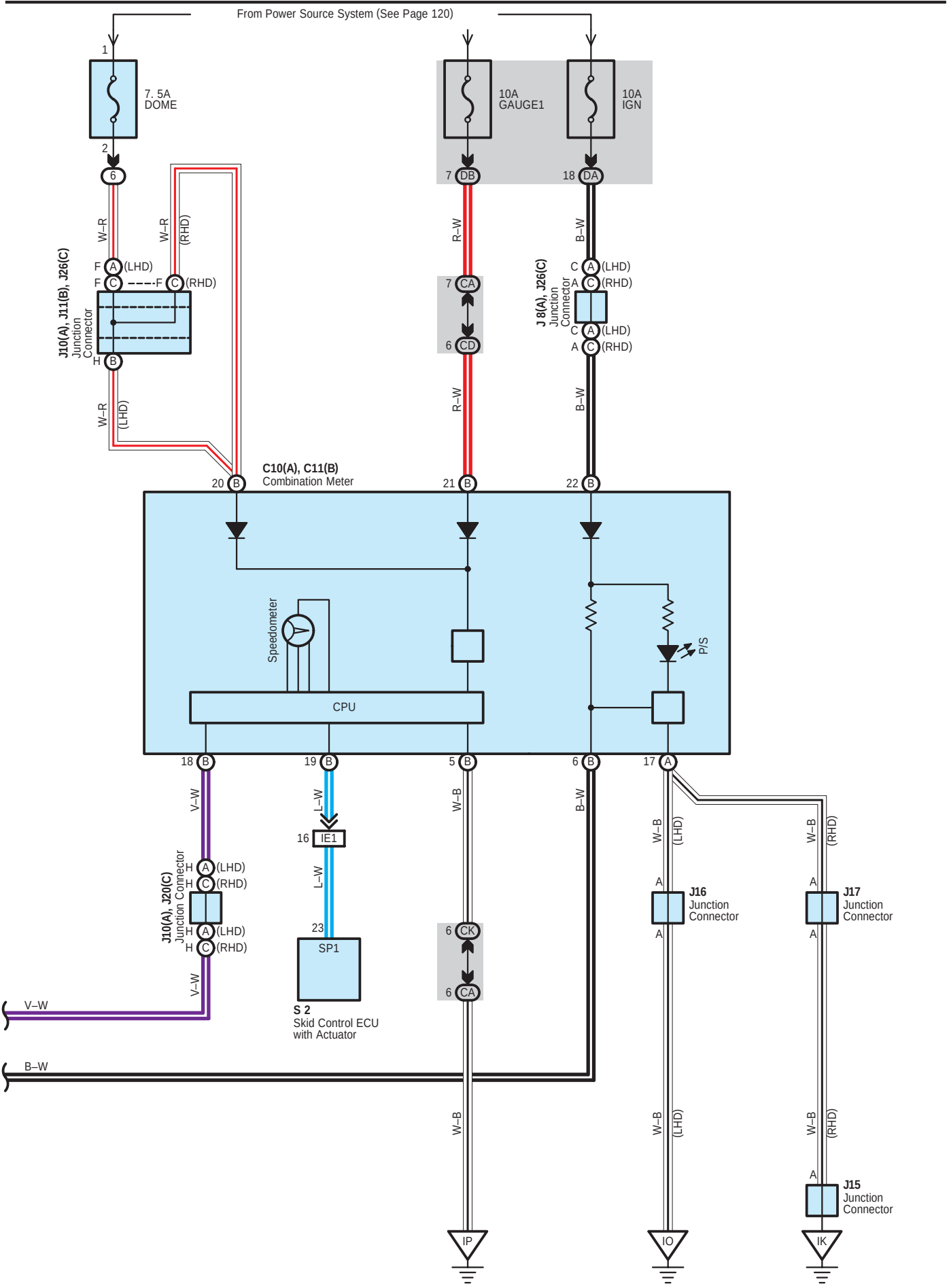
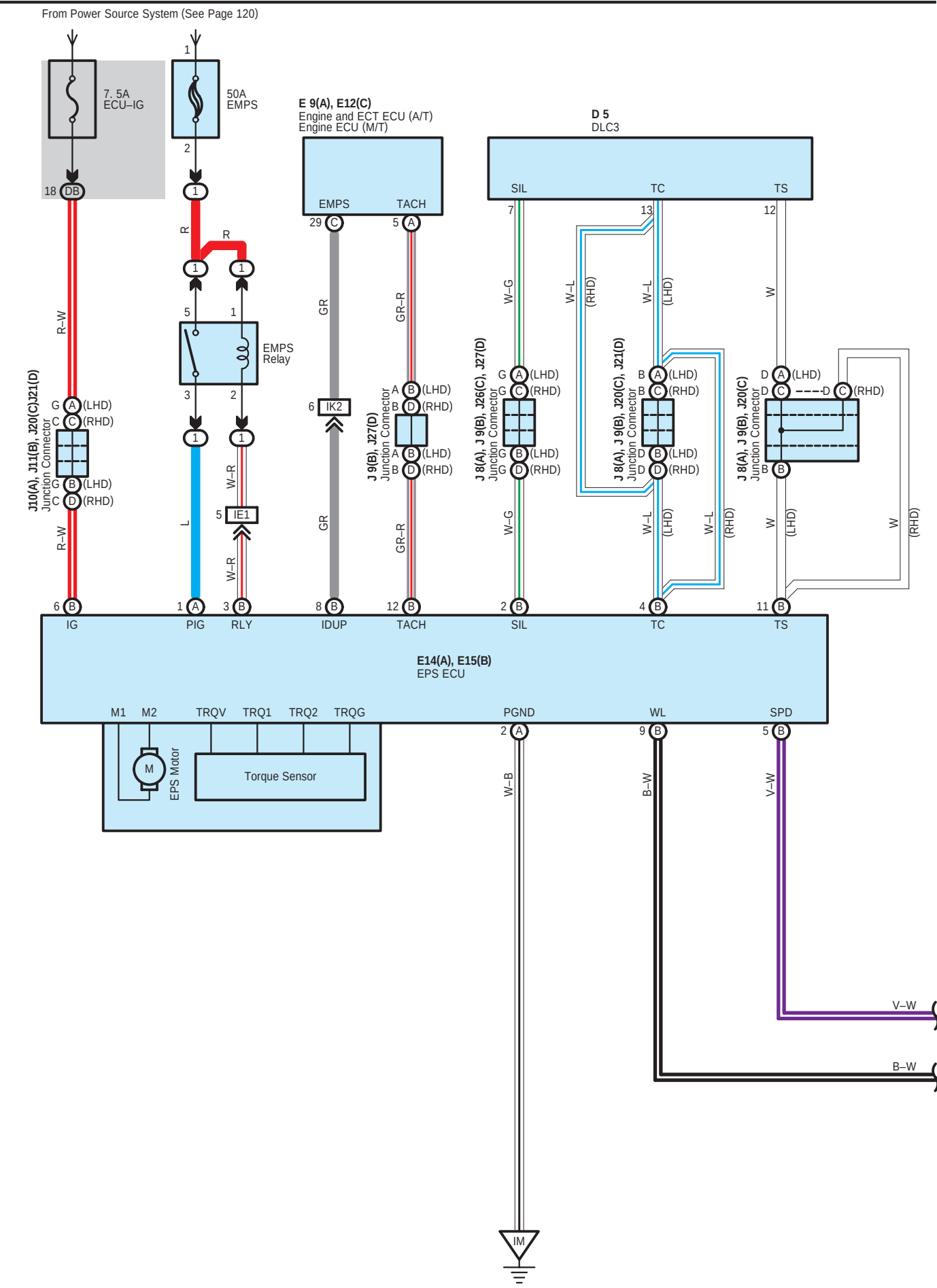
AVENSIS (EWD526E)

Engine Immobiliser System

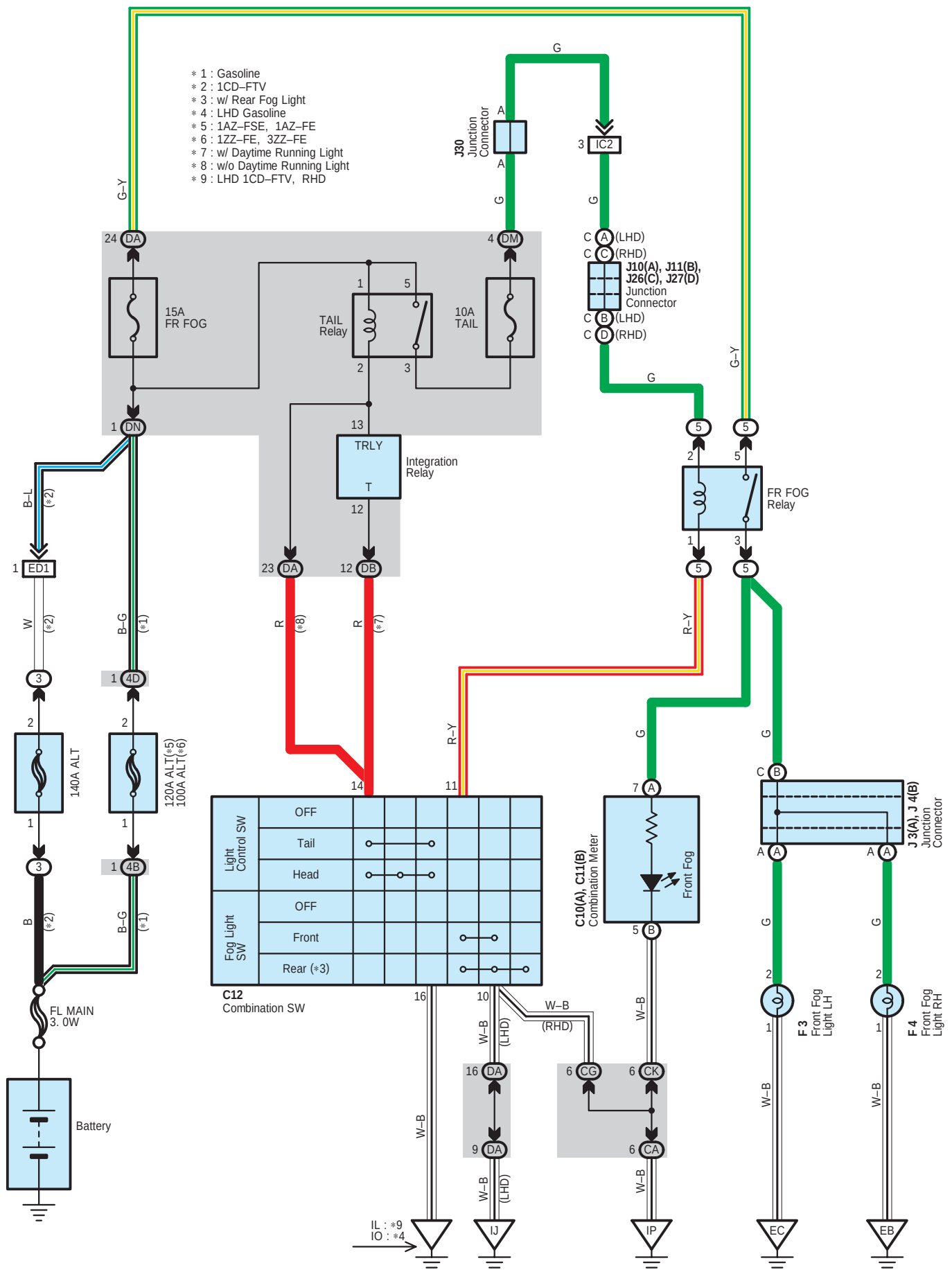
From Power Source System (See Page 120)

* 1 : Gasoline
* 2 : 1CD-FTV



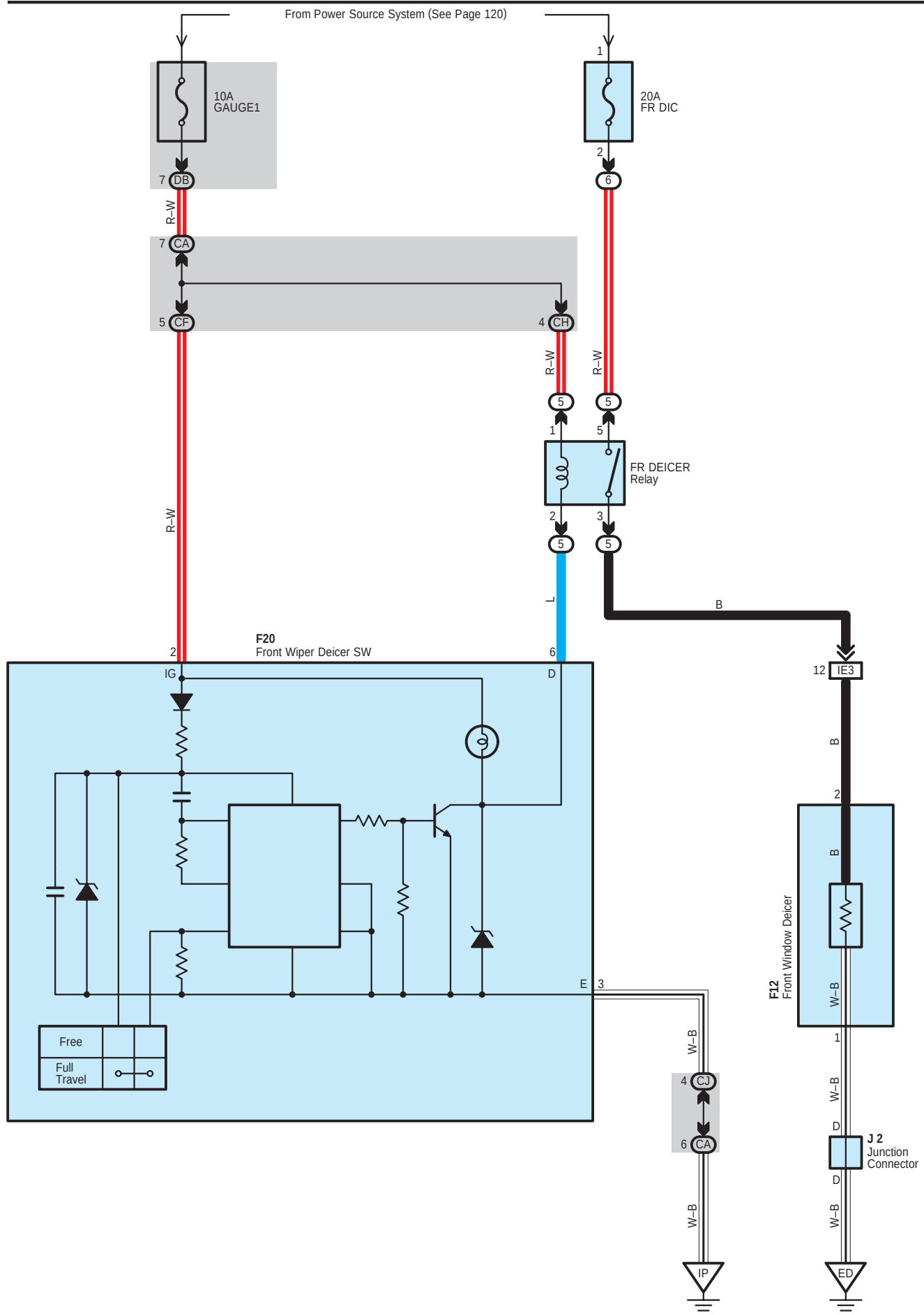


Front Fog Light

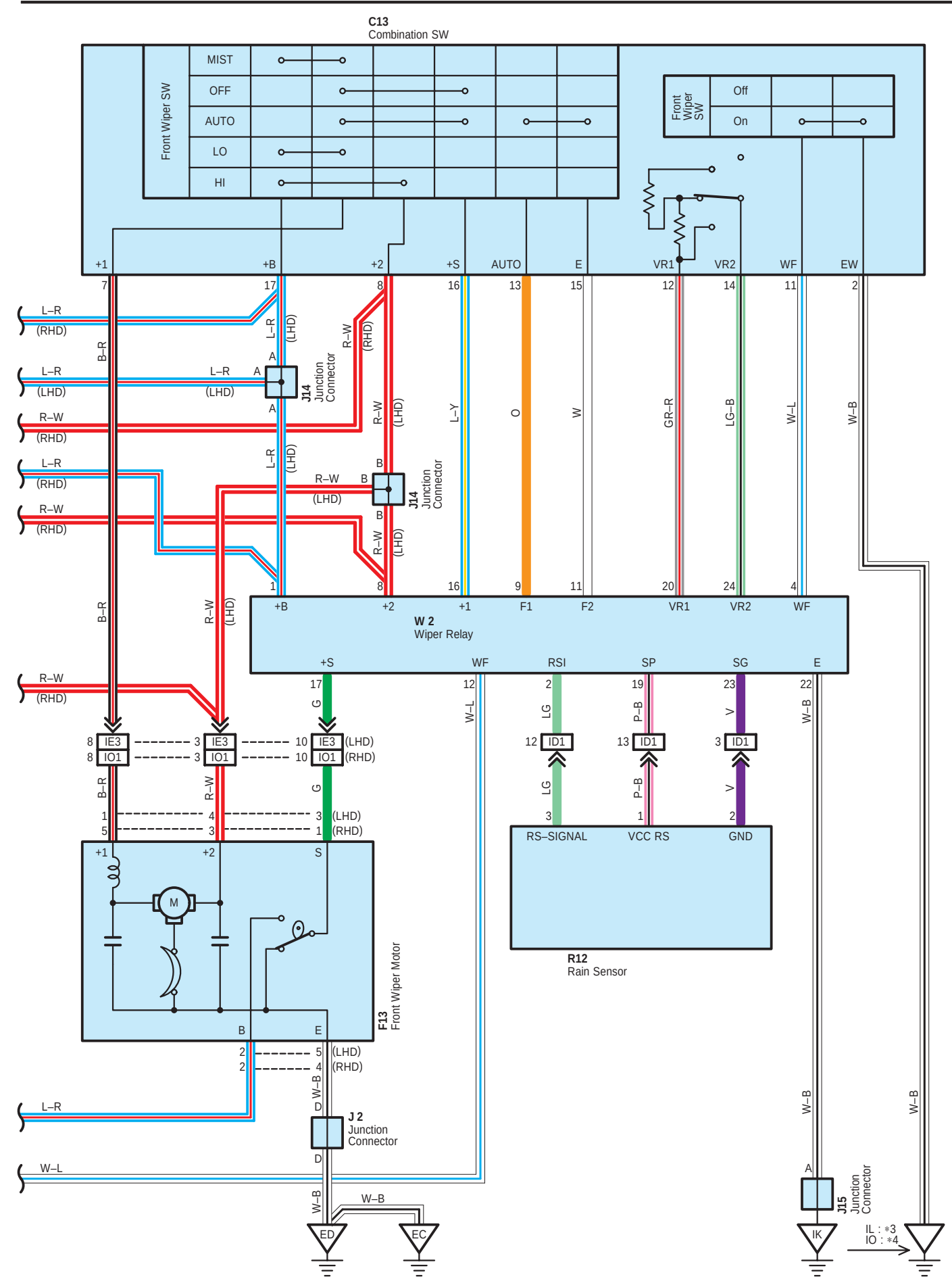
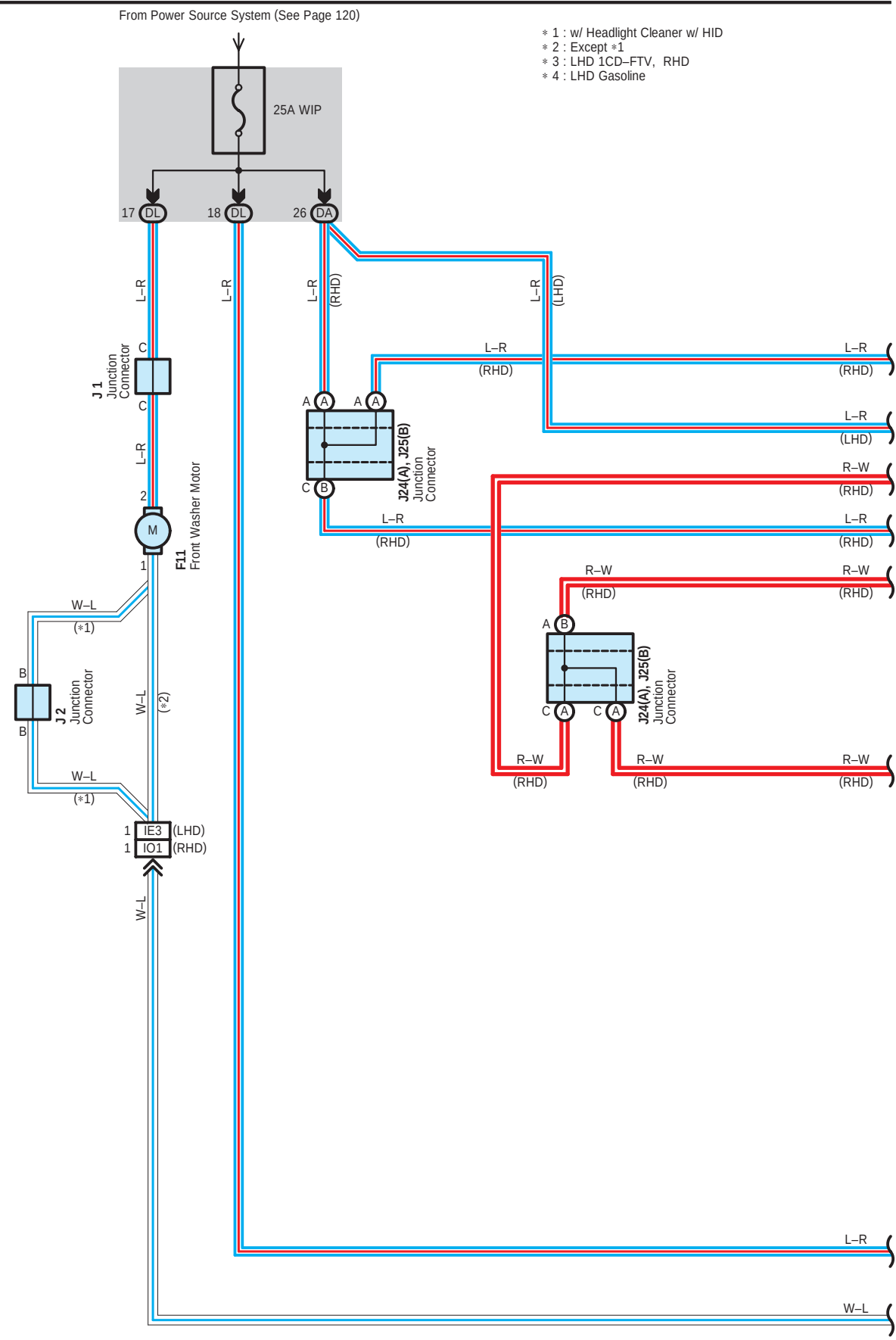


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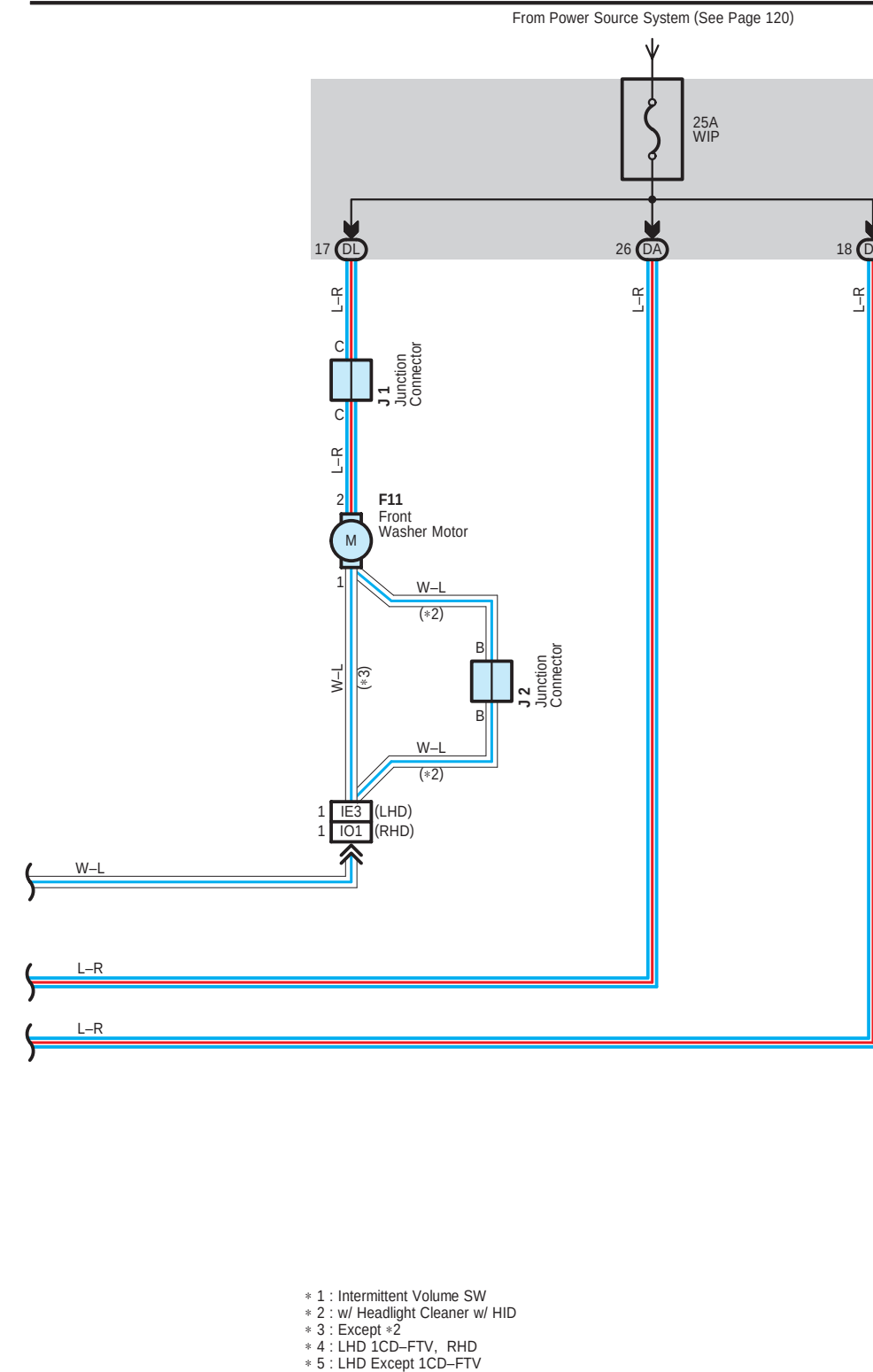
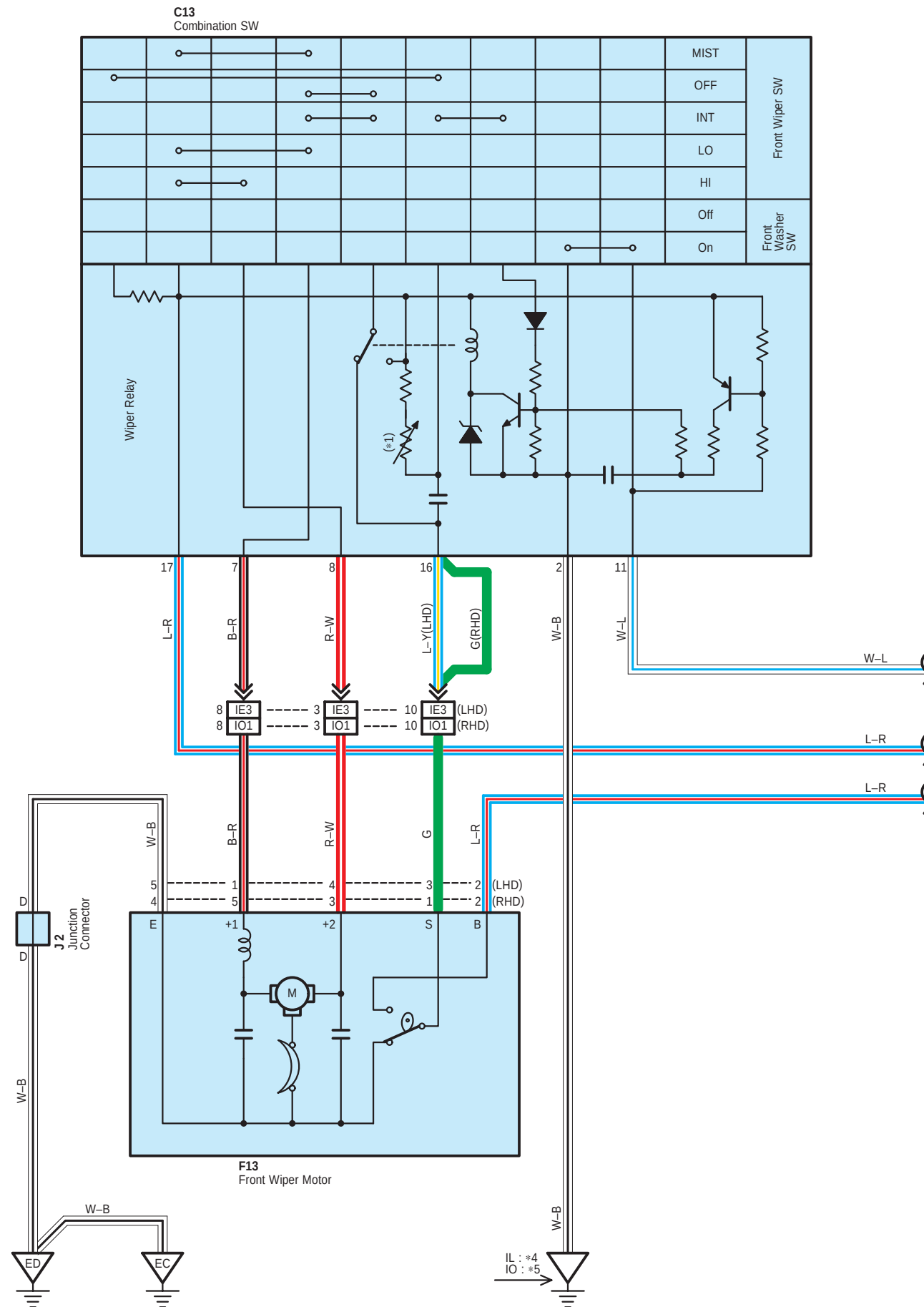
Front Window Deicer



Front Wiper and Washer (w/ Auto Wiper System)

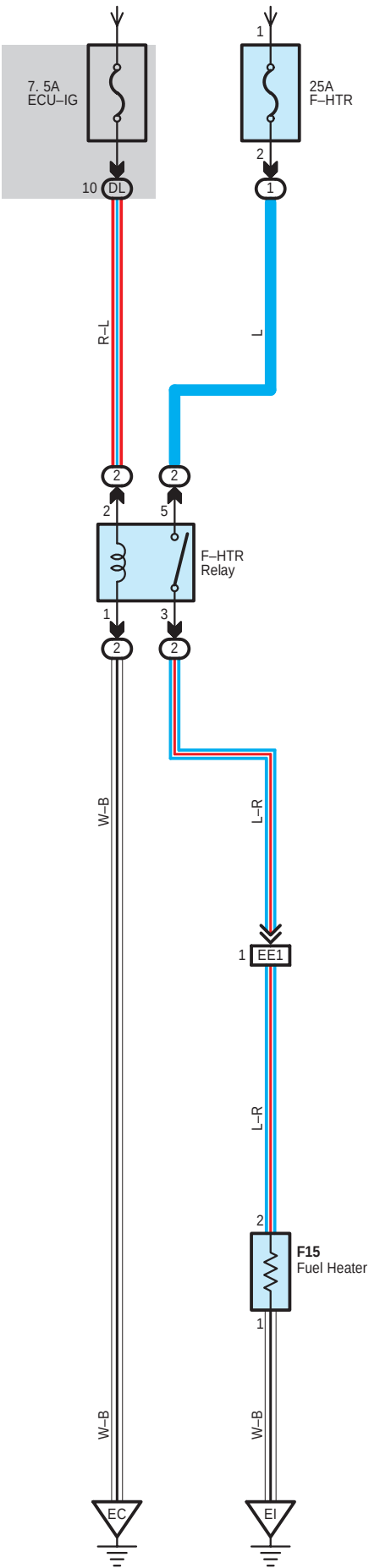


Front Wiper and Washer (w/o Auto Wiper System)



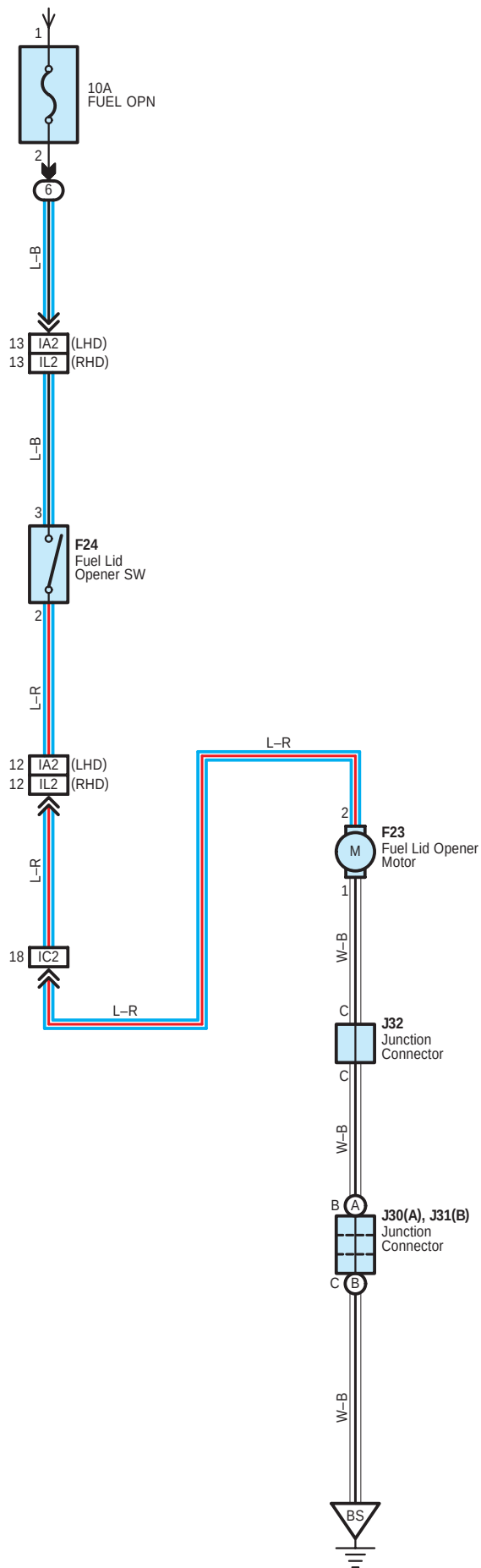
Fuel Heater

From Power Source System (See Page 120)

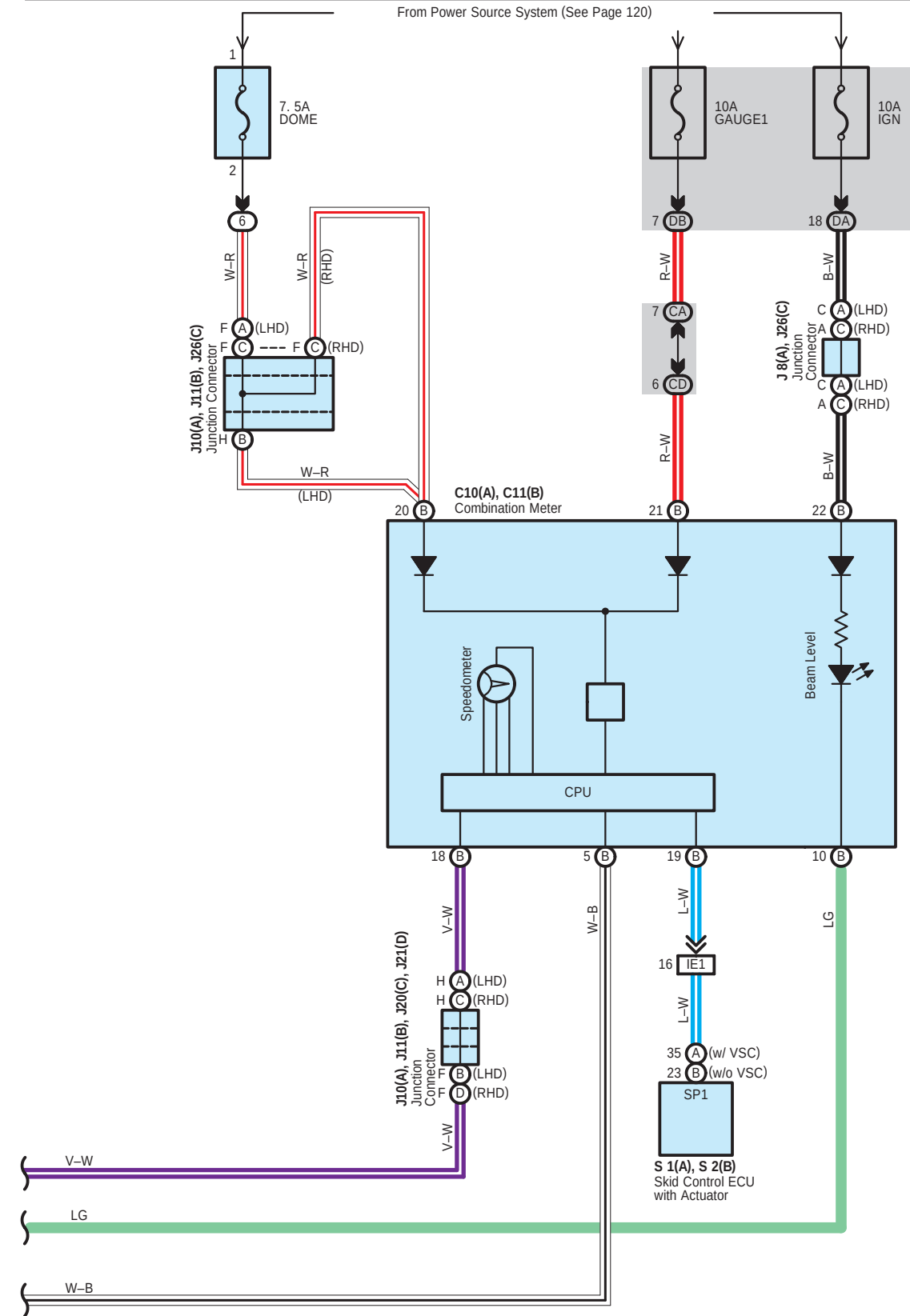
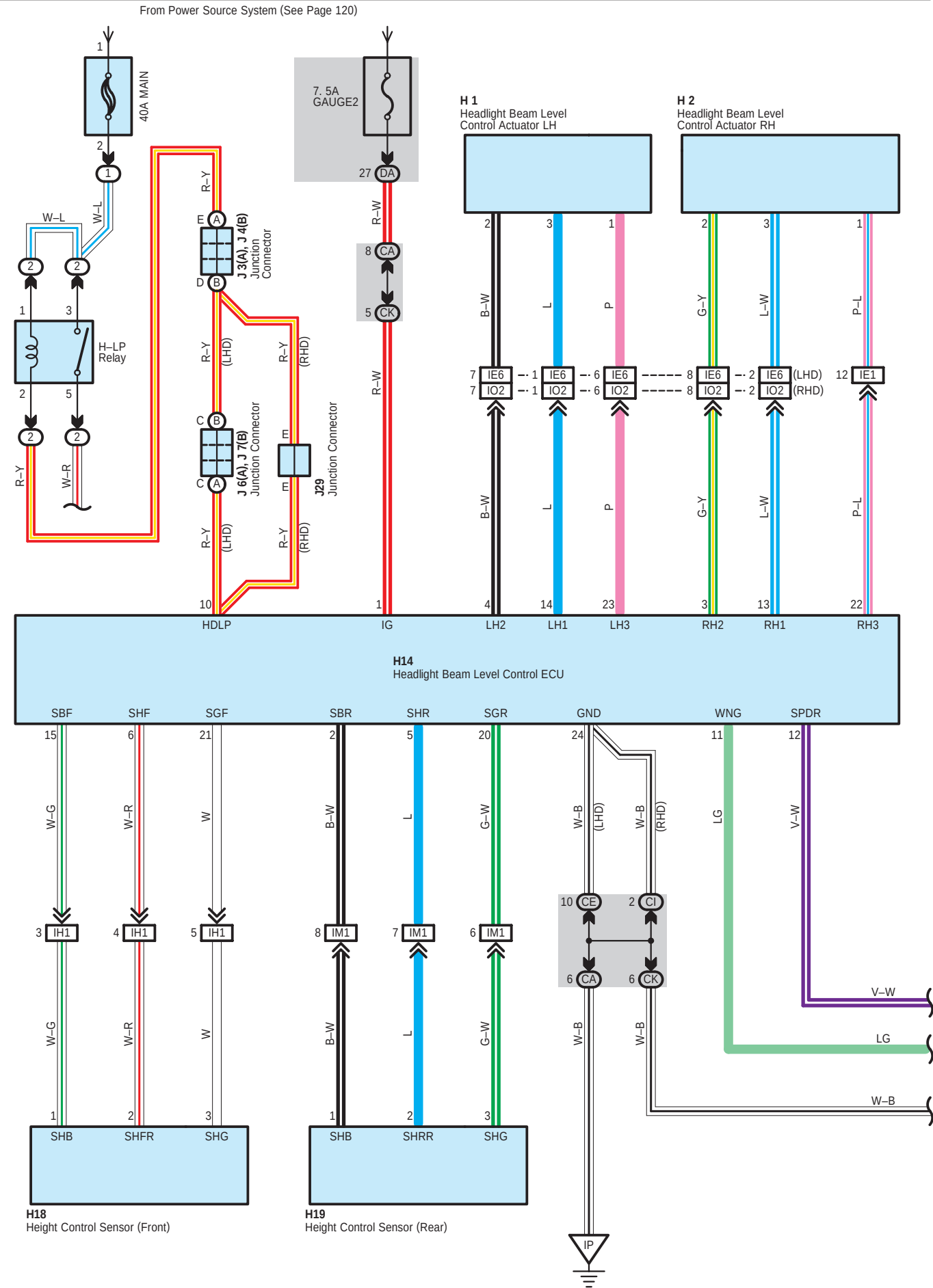


Fuel Lid Opener

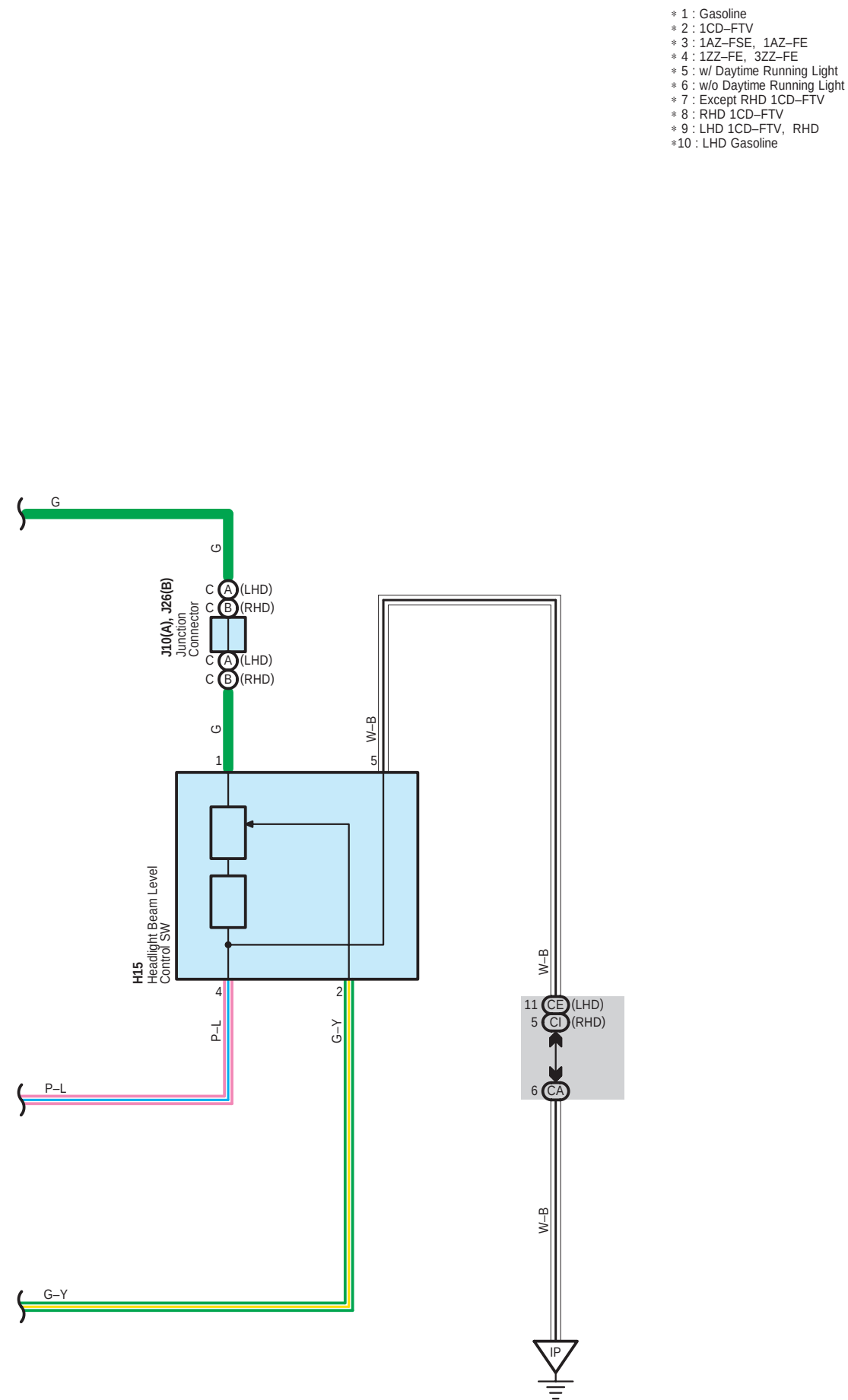
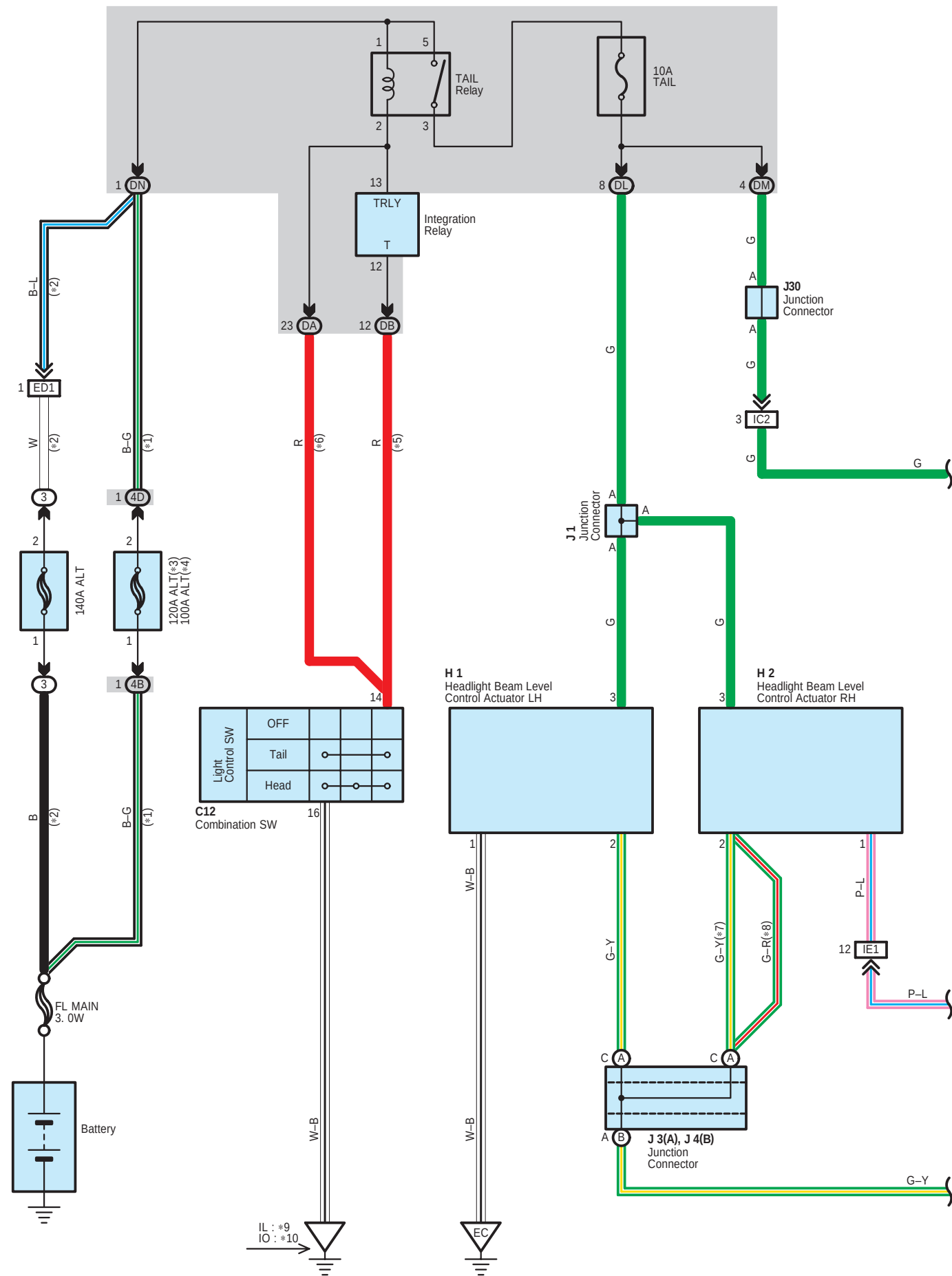
From Power Source System (See Page 120)



Headlight Beam Level Control (w/ HID)

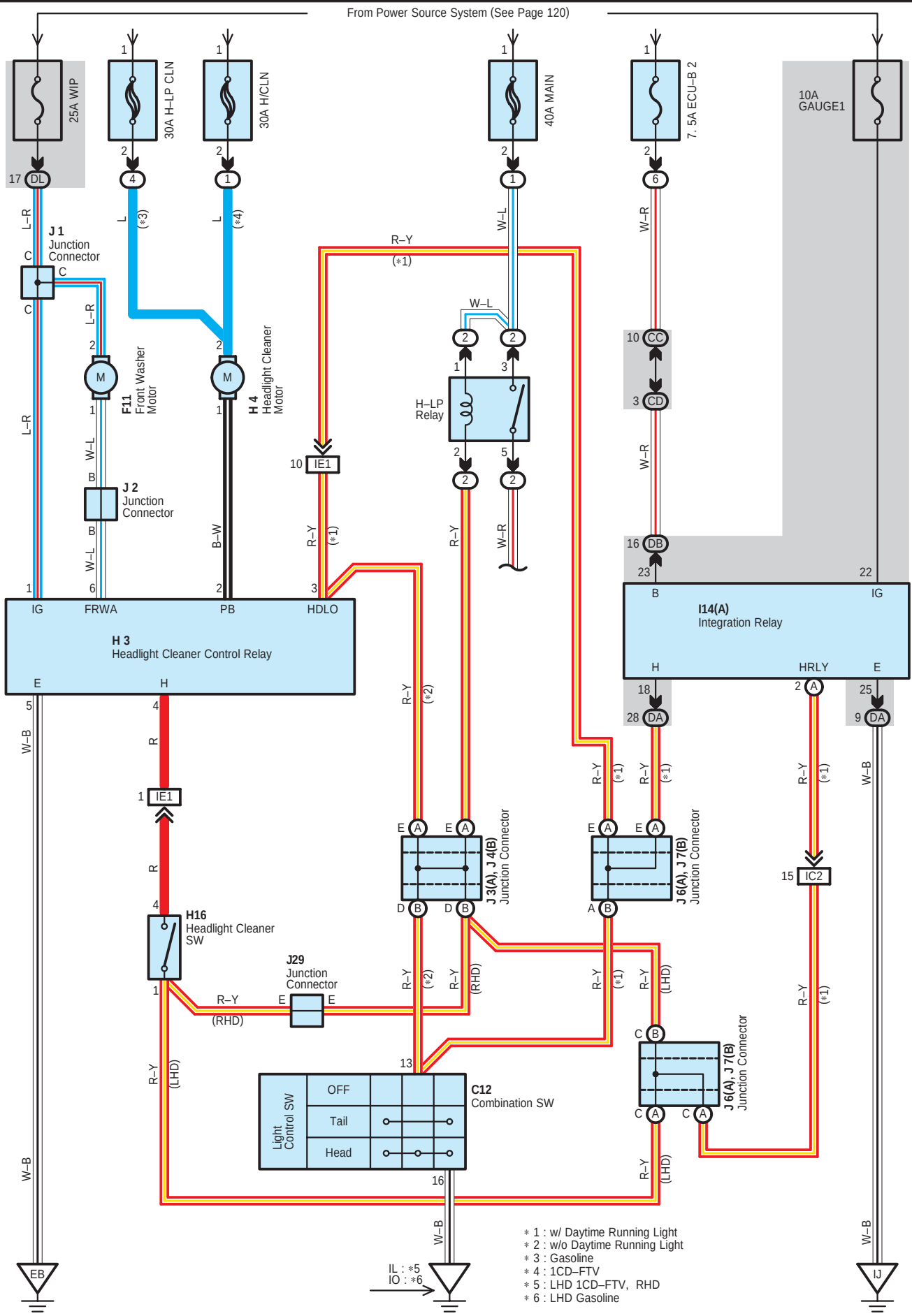


Headlight Beam Level Control (w/o HID)

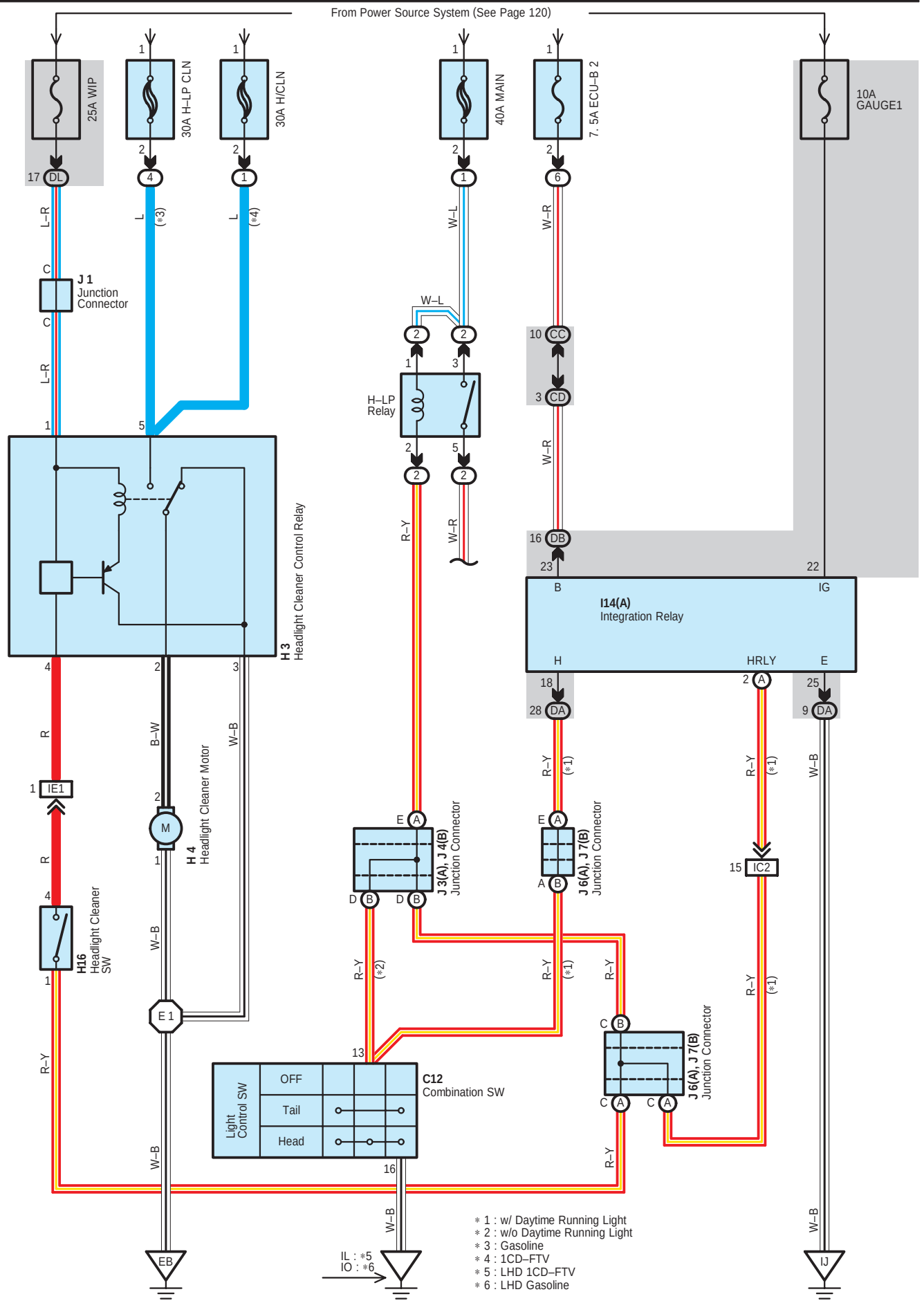


- * 1 : Gasoline
- * 2 : 1CD-FTV
- * 3 : 1AZ-FSE, 1AZ-FE
- * 4 : 1ZZ-FE, 3ZZ-FE
- * 5 : w/ Daytime Running Light
- * 6 : w/o Daytime Running Light
- * 7 : Except RHD 1CD-FTV
- * 8 : RHD 1CD-FTV
- * 9 : LHD 1CD-FTV, RHD
- * 10 : LHD Gasoline

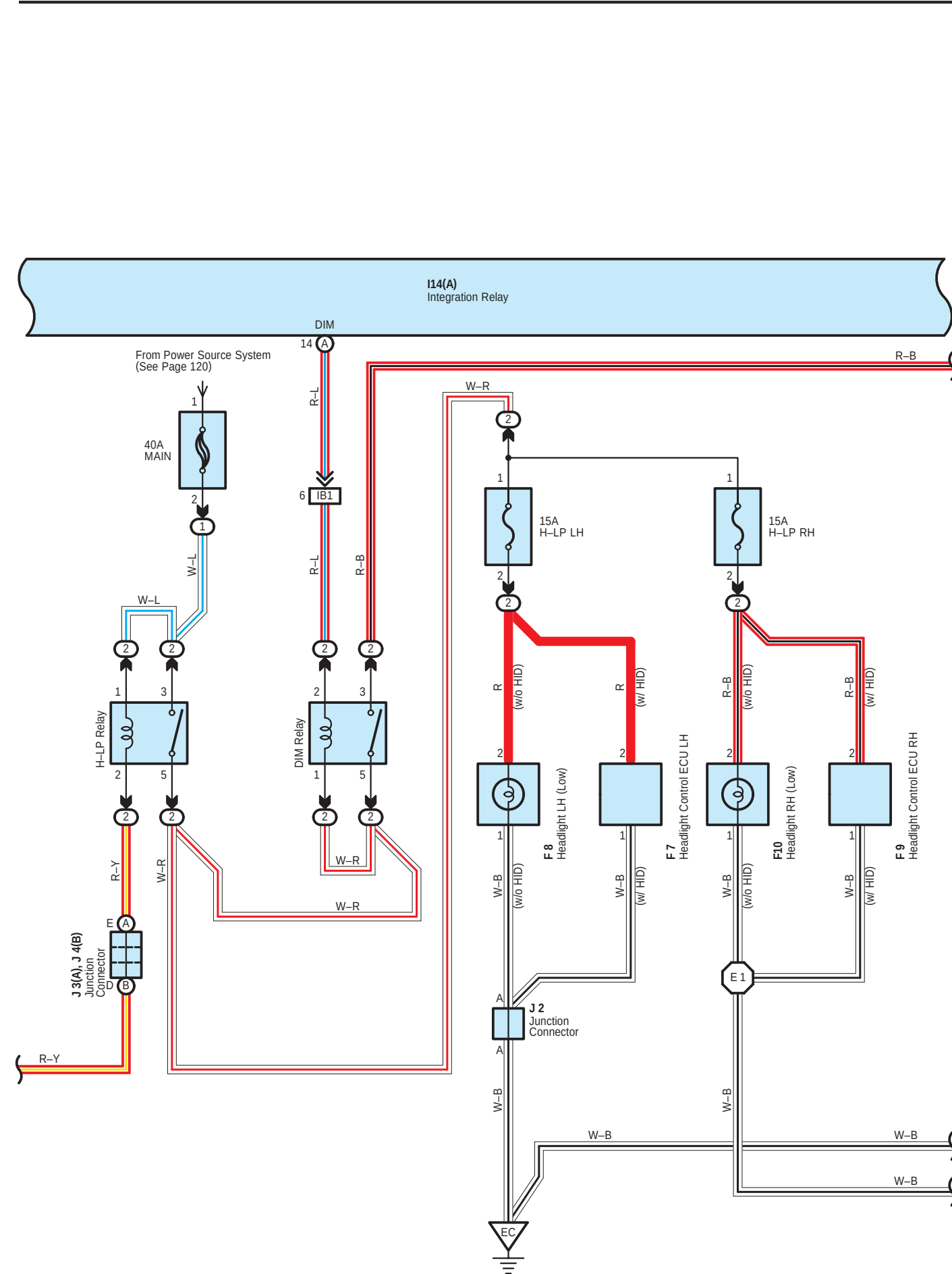
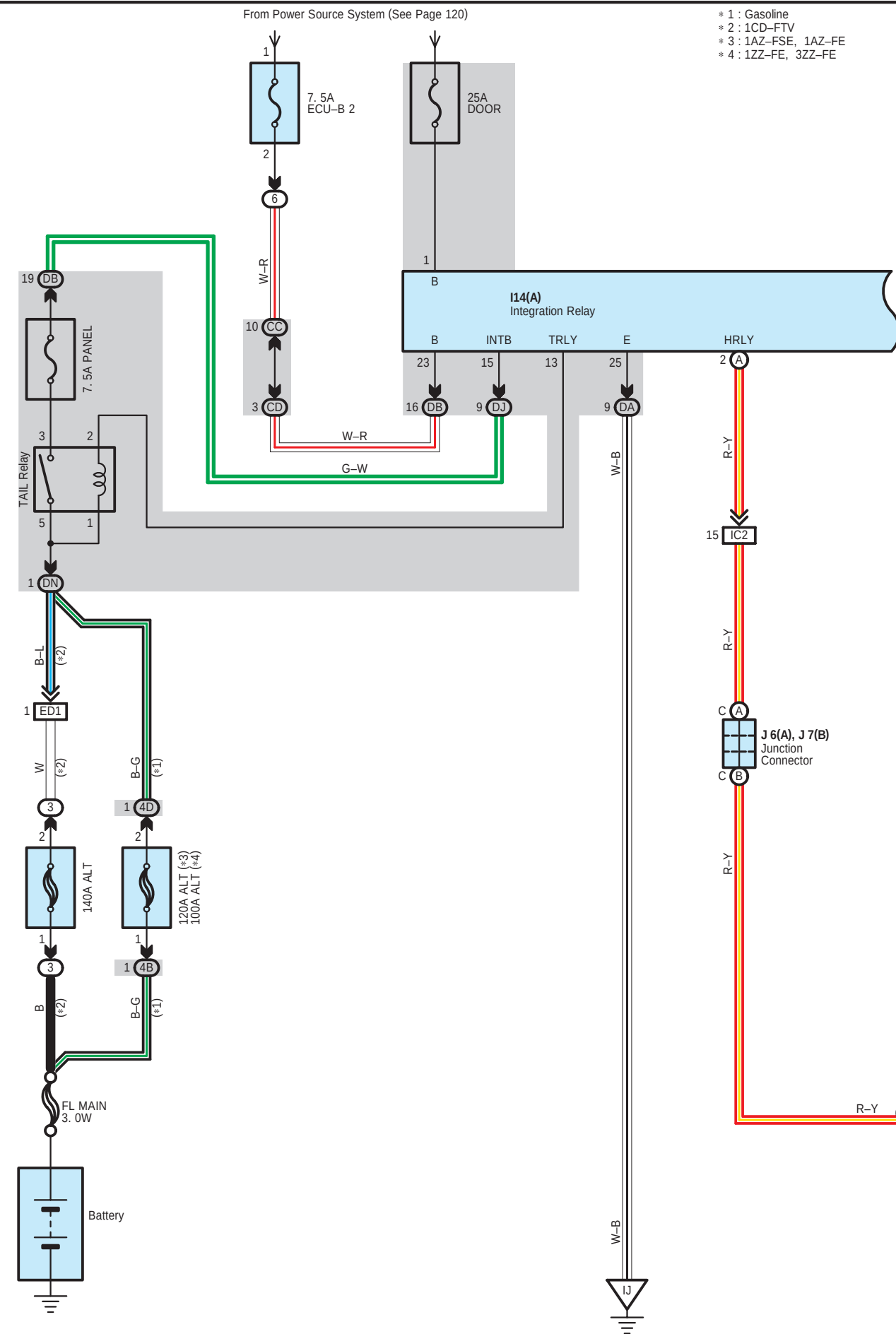
Headlight Cleaner (w/ HID)



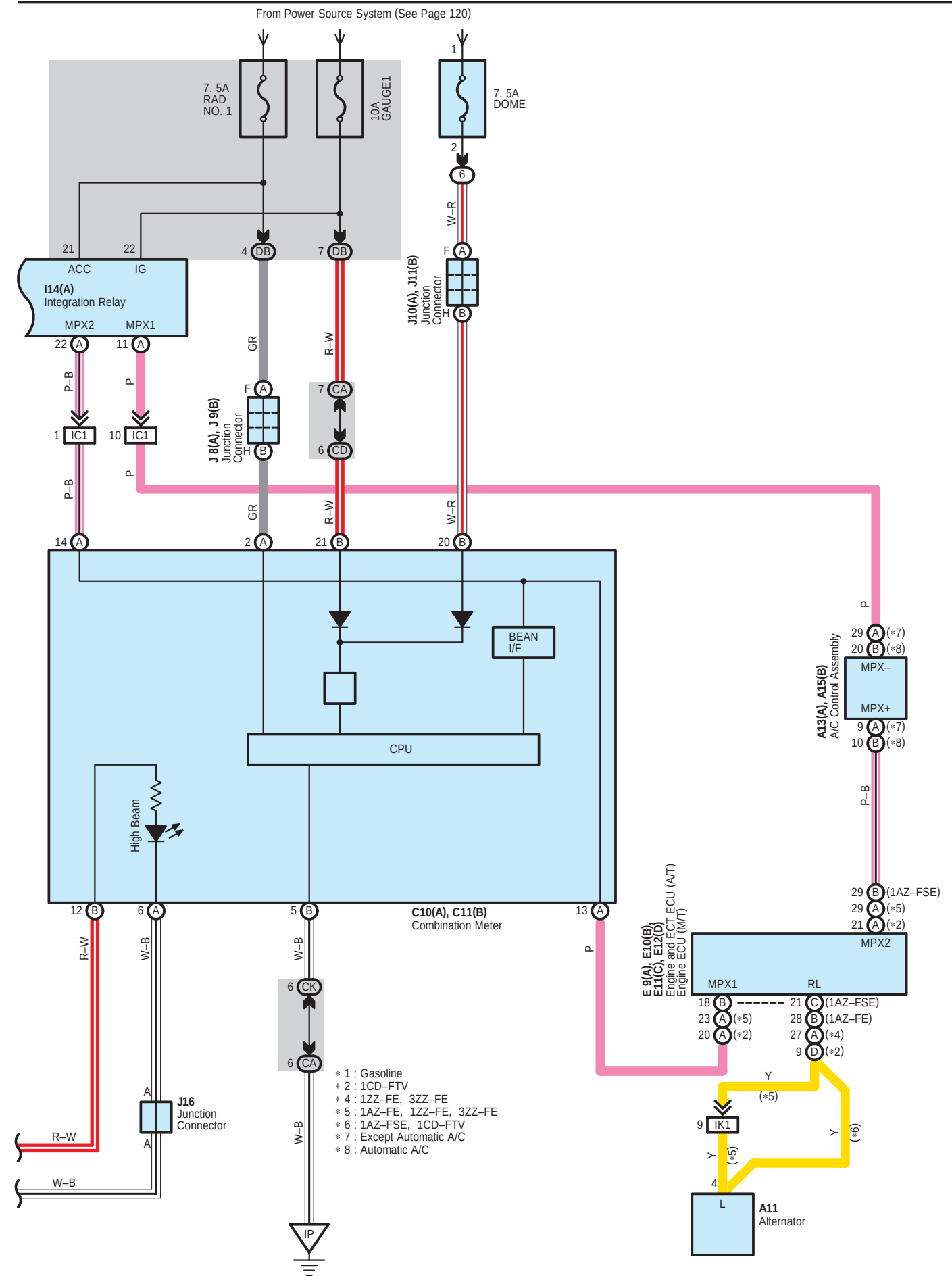
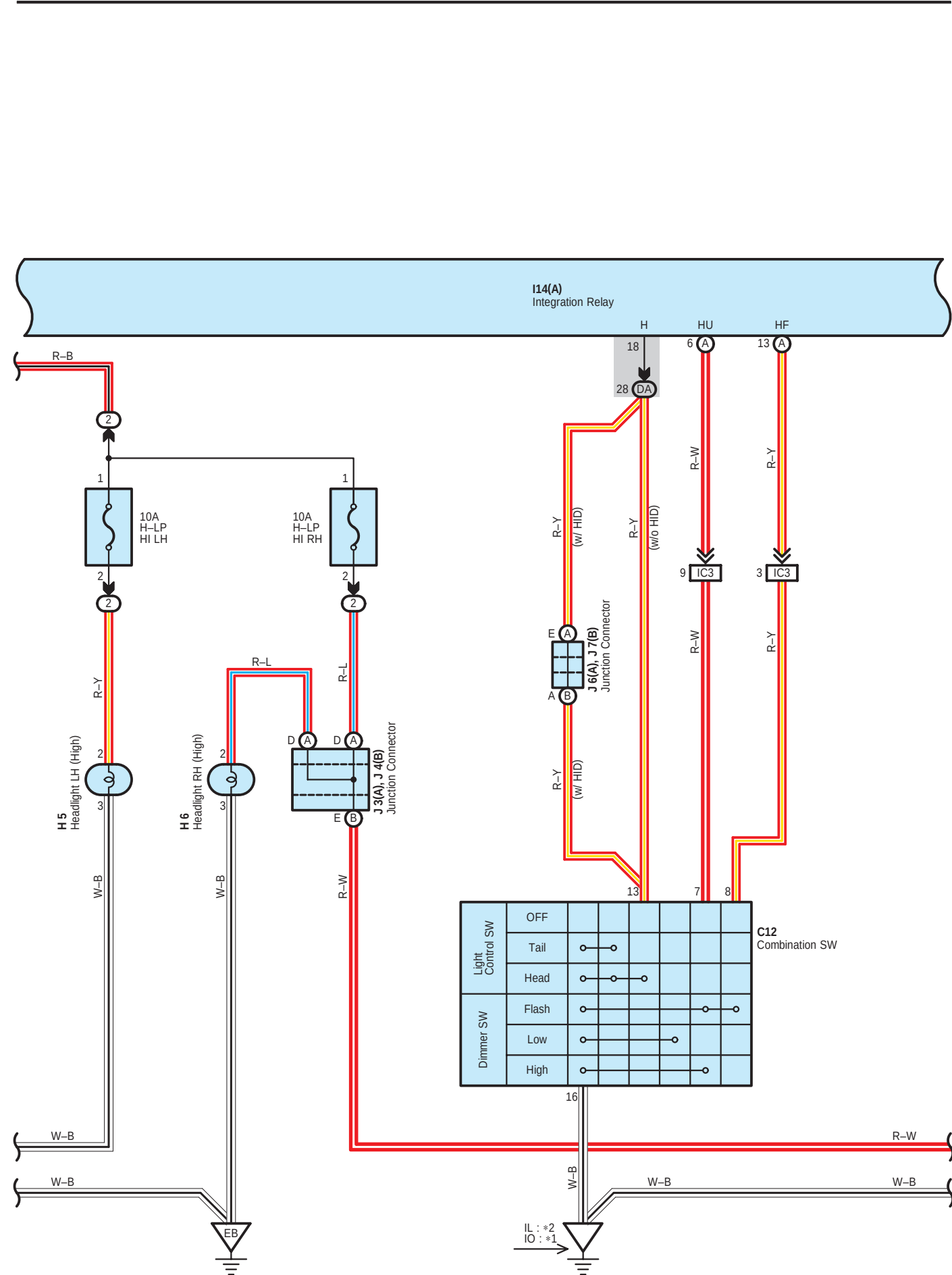
Headlight Cleaner (w/o HID)



Headlight (w/ Daytime Running Light)

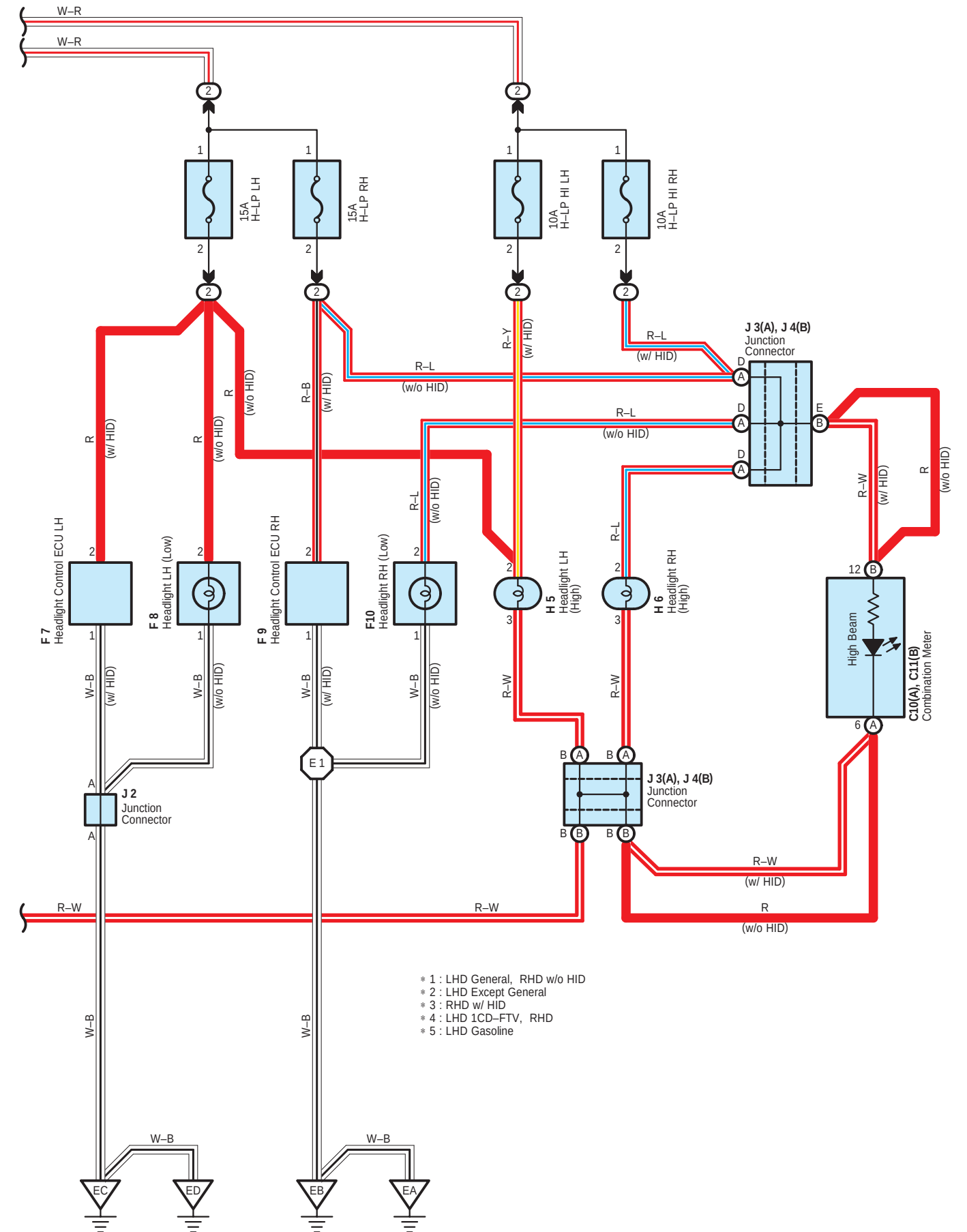
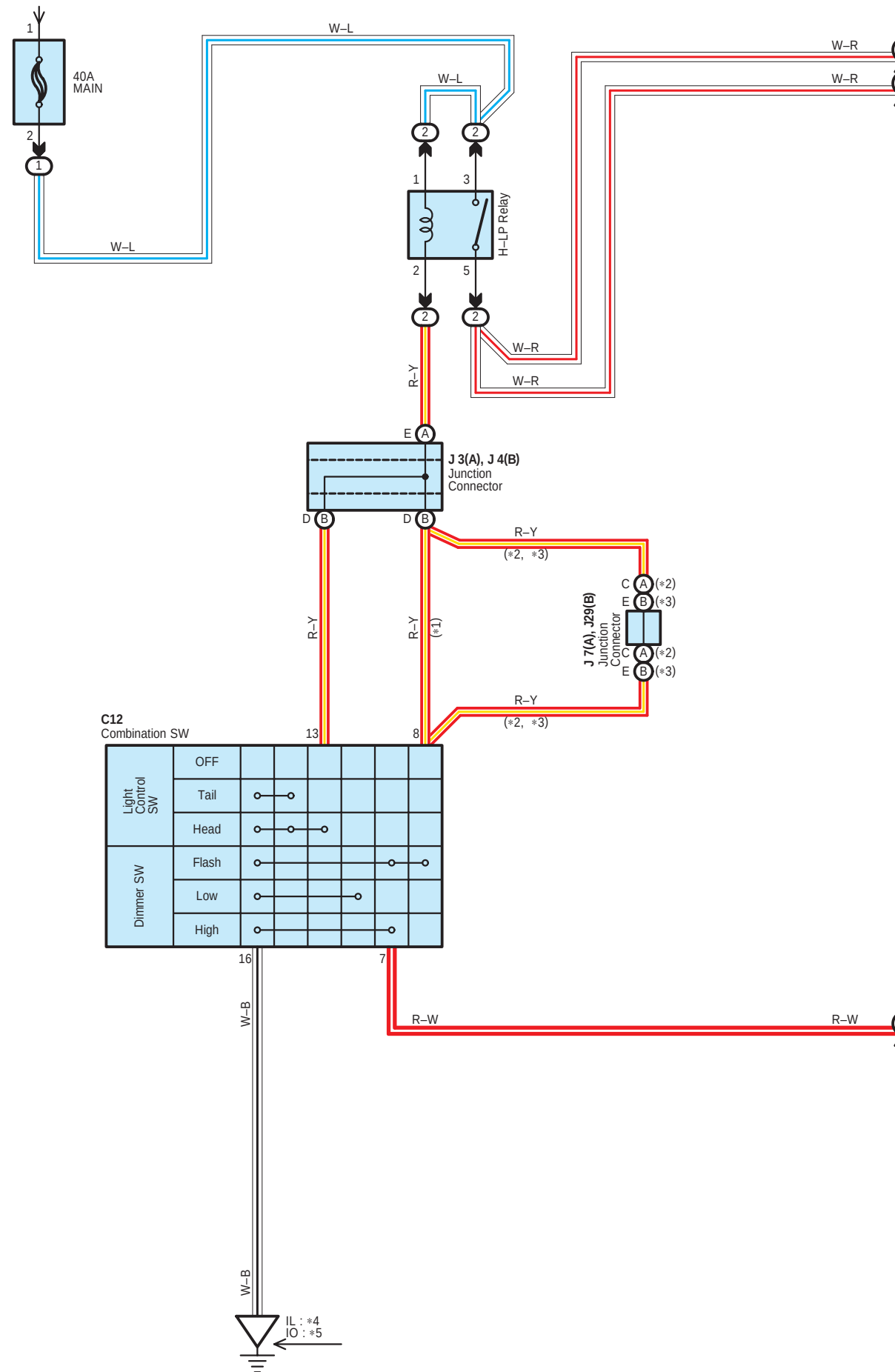


Headlight (w/ Daytime Running Light)

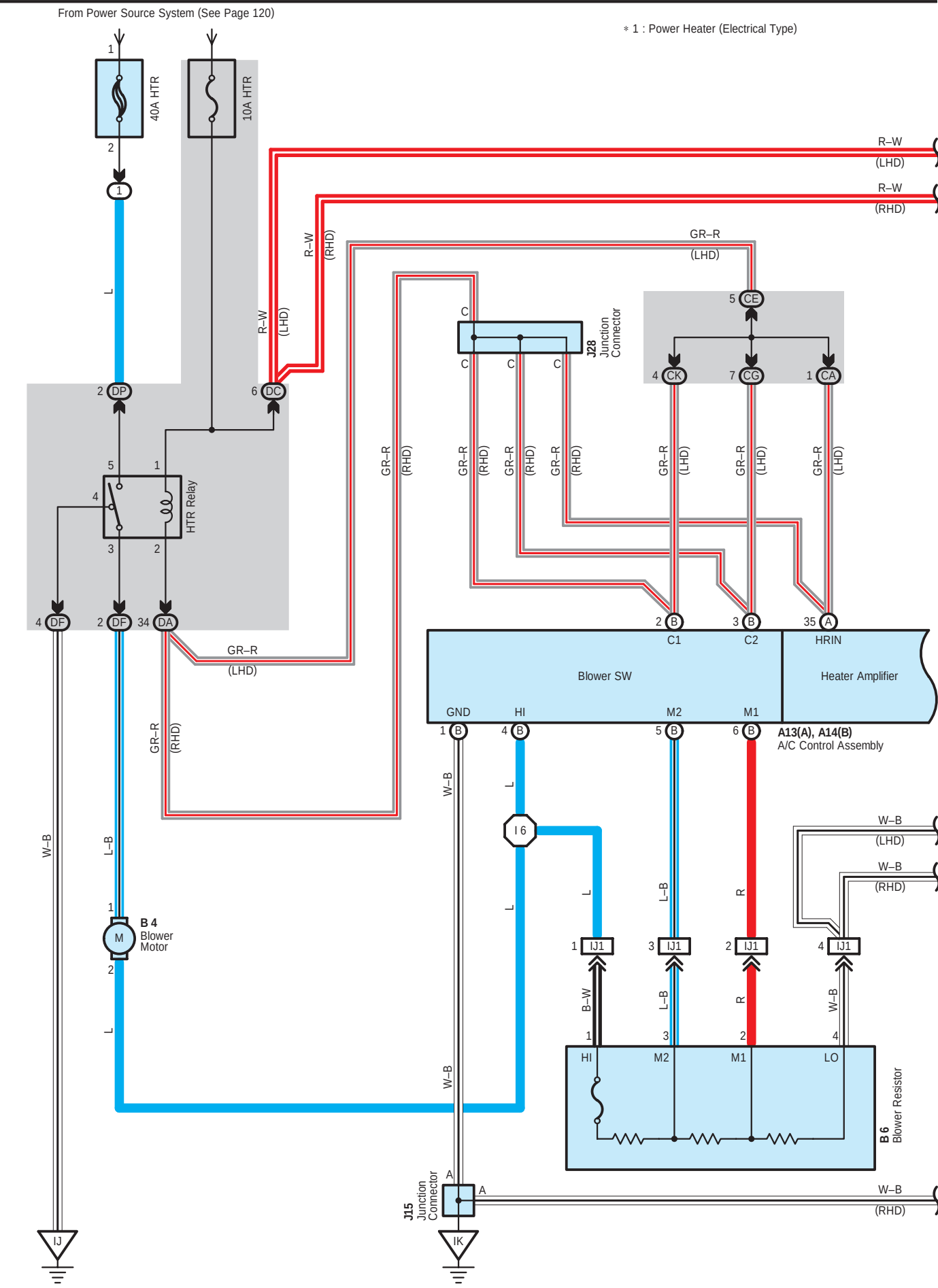


Headlight (w/o Daytime Running Light)

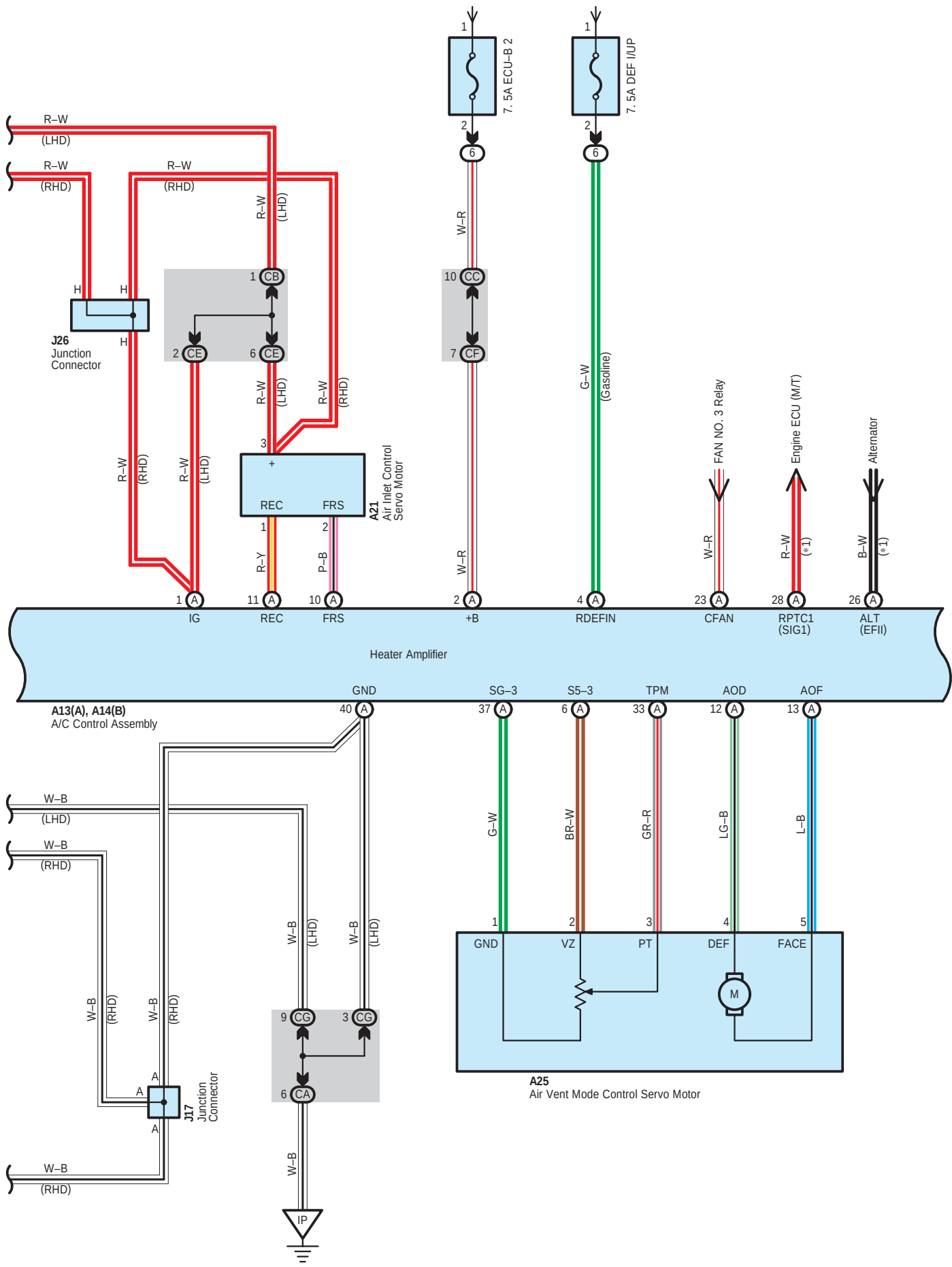
From Power Source System (See Page 120)



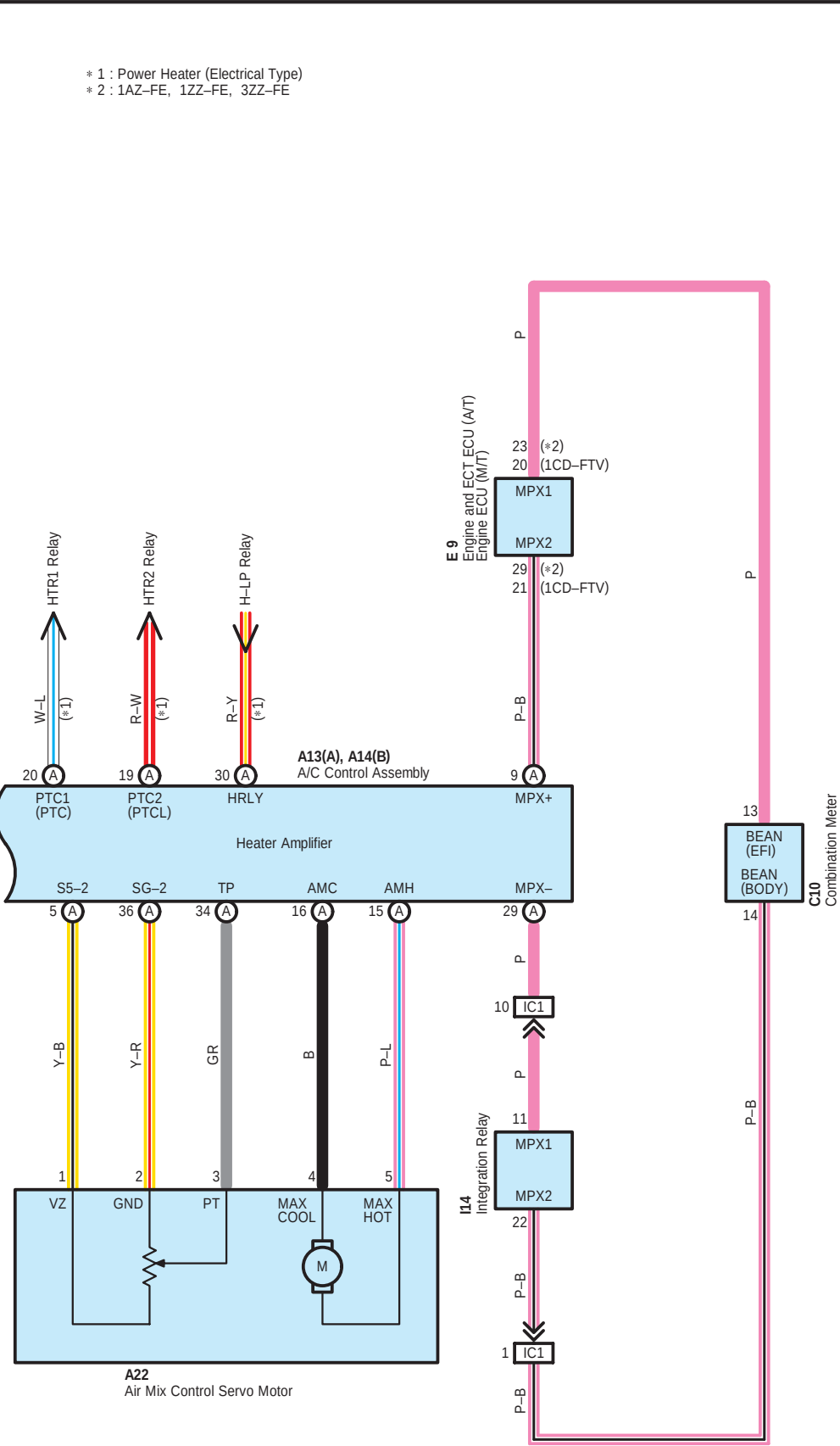
Heater

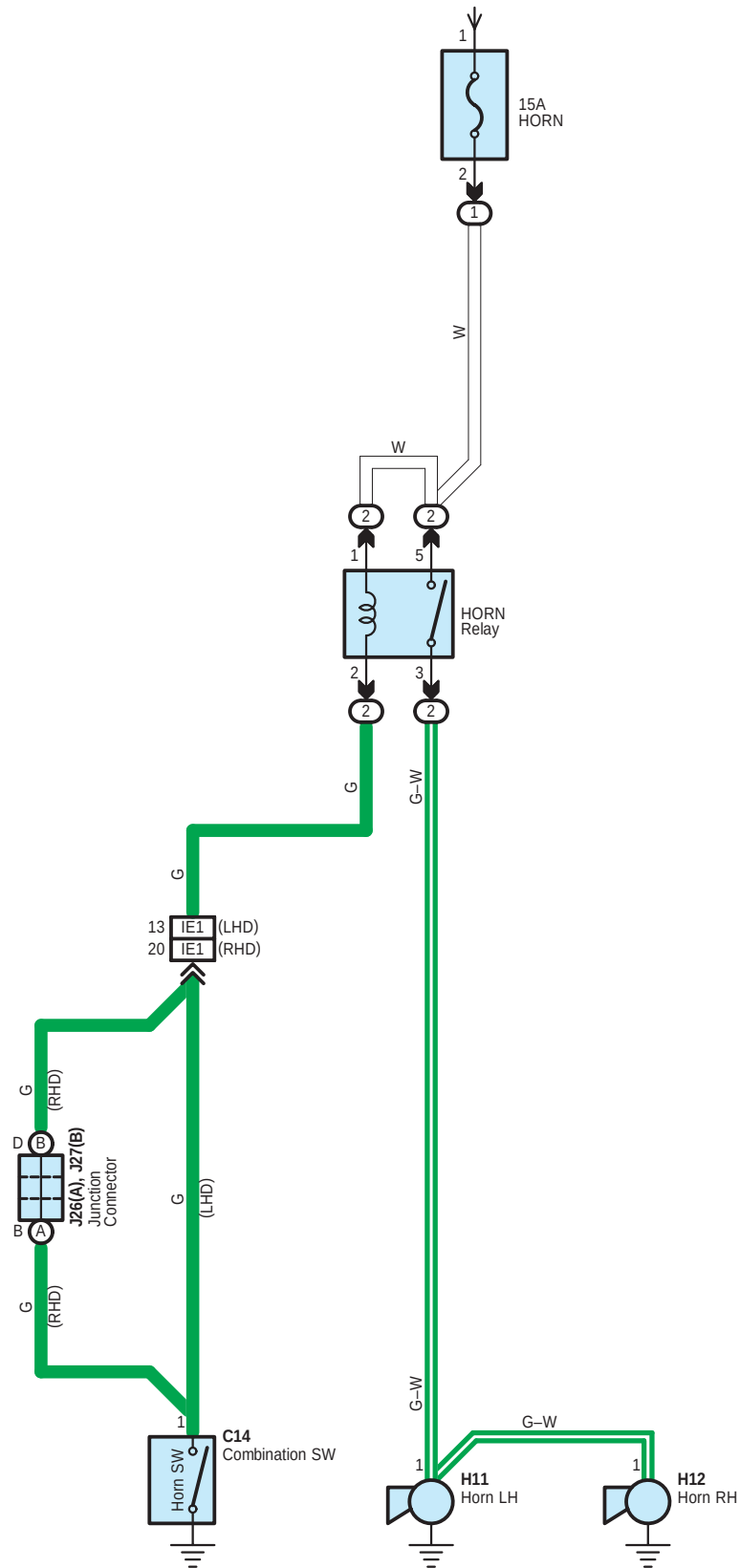


From Power Source System (See Page 120)



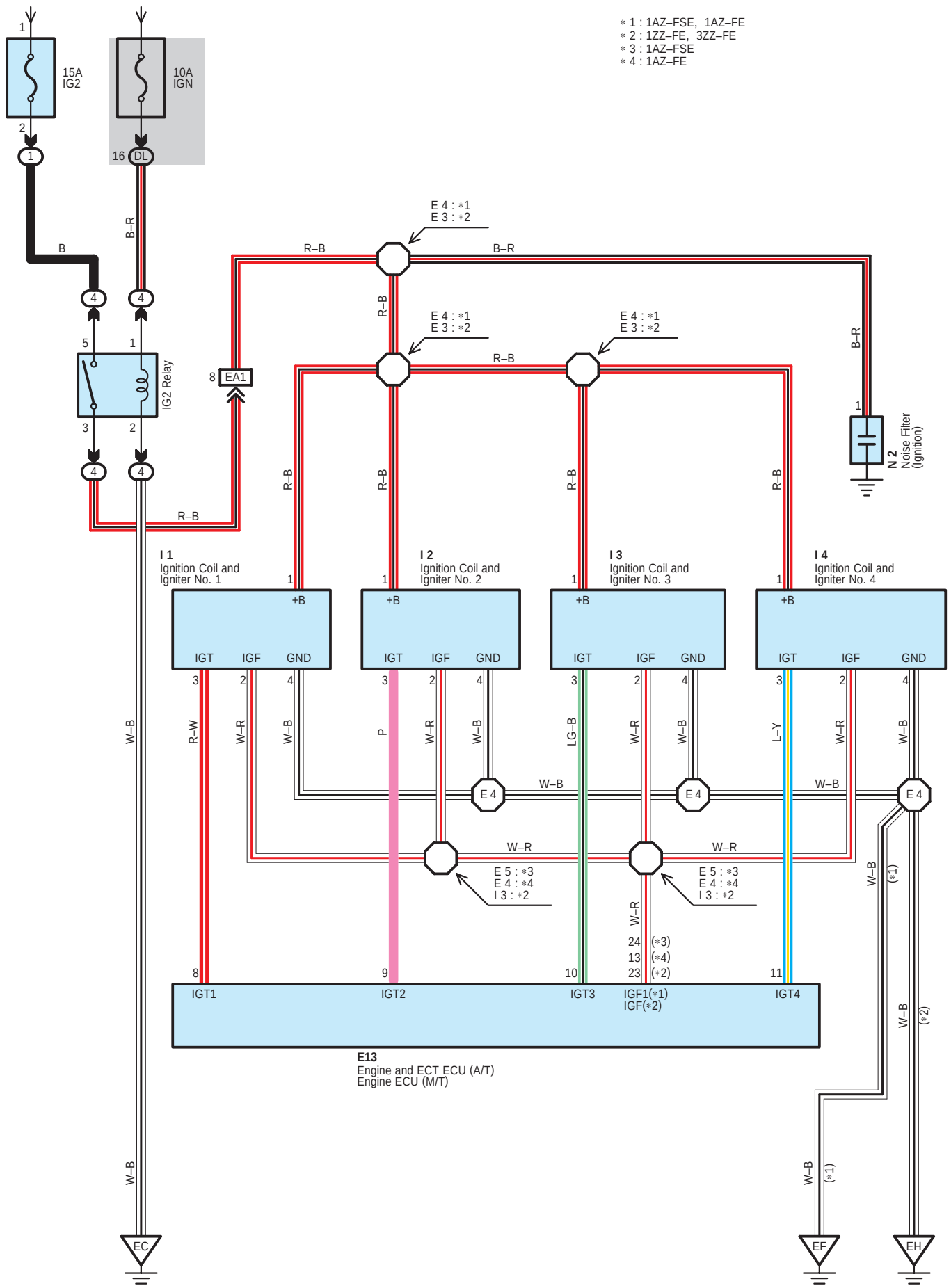
Heater





Ignition

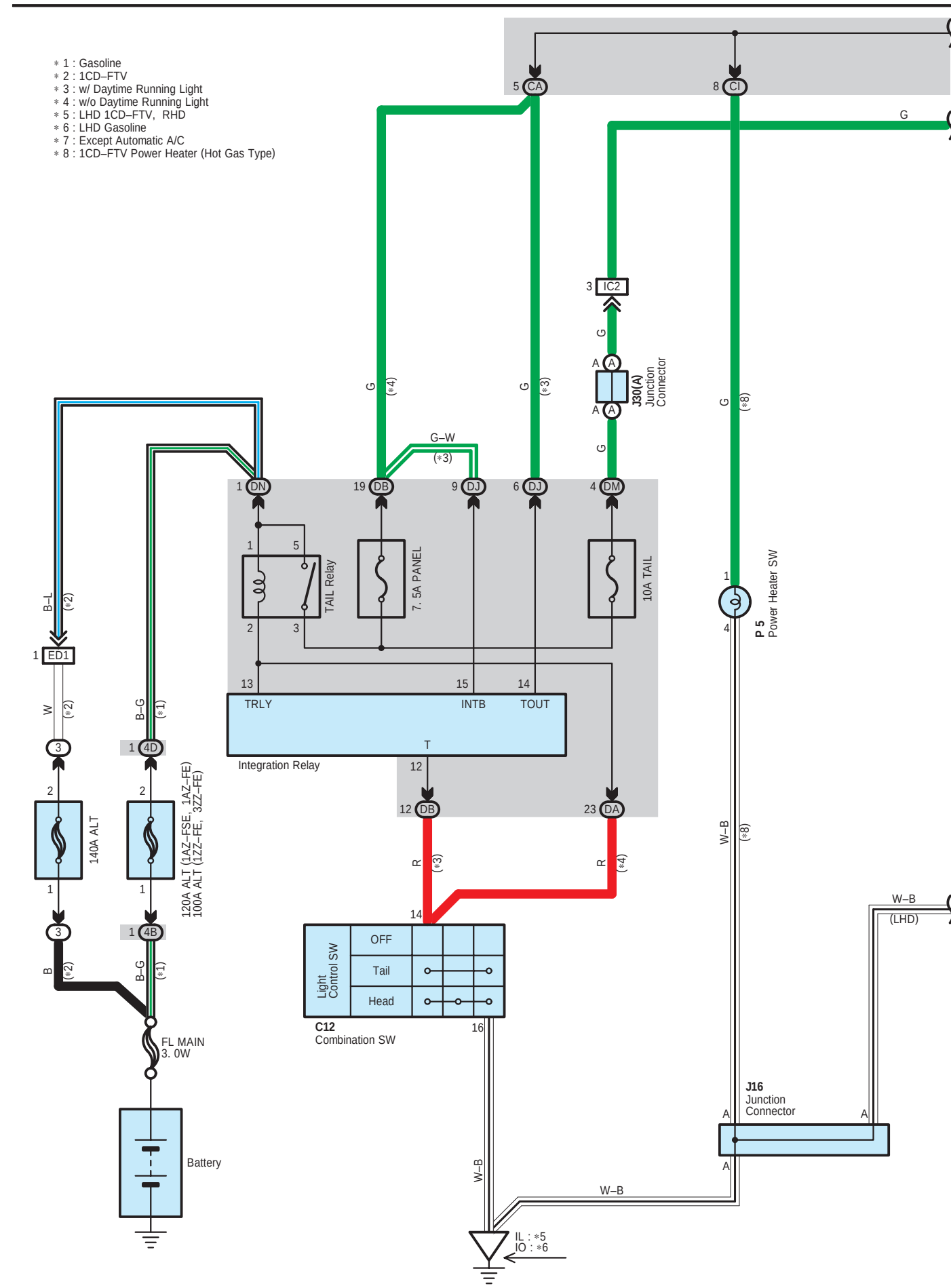
From Power Source System (See Page 120)



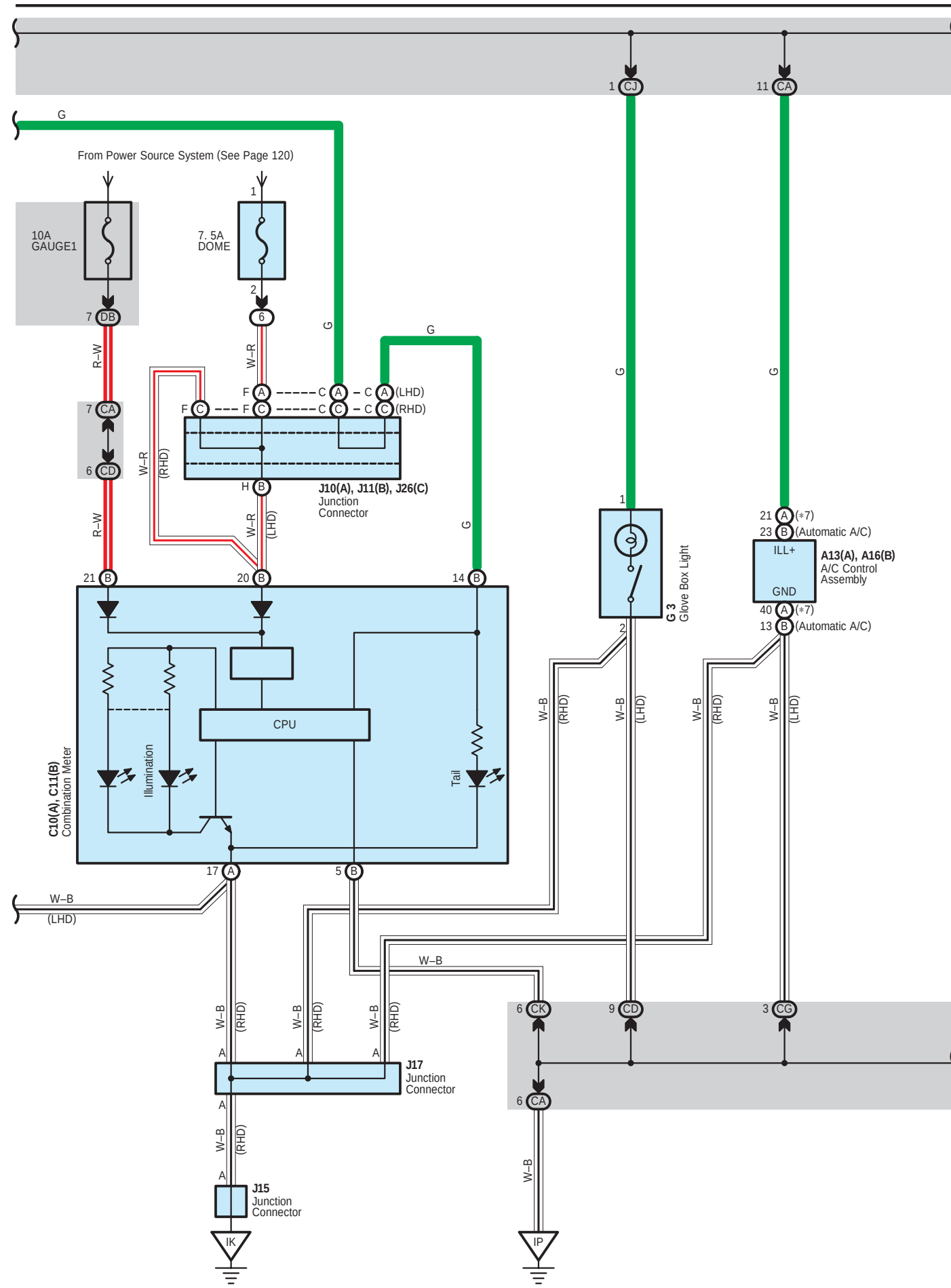
cardiagn.com

Illumination

- * 1 : Gasoline
- * 2 : 1CD-FTV
- * 3 : w/ Daytime Running Light
- * 4 : w/o Daytime Running Light
- * 5 : LHD 1CD-FTV, RHD
- * 6 : LHD Gasoline
- * 7 : Except Automatic A/C
- * 8 : 1CD-FTV Power Heater (Hot Gas Type)

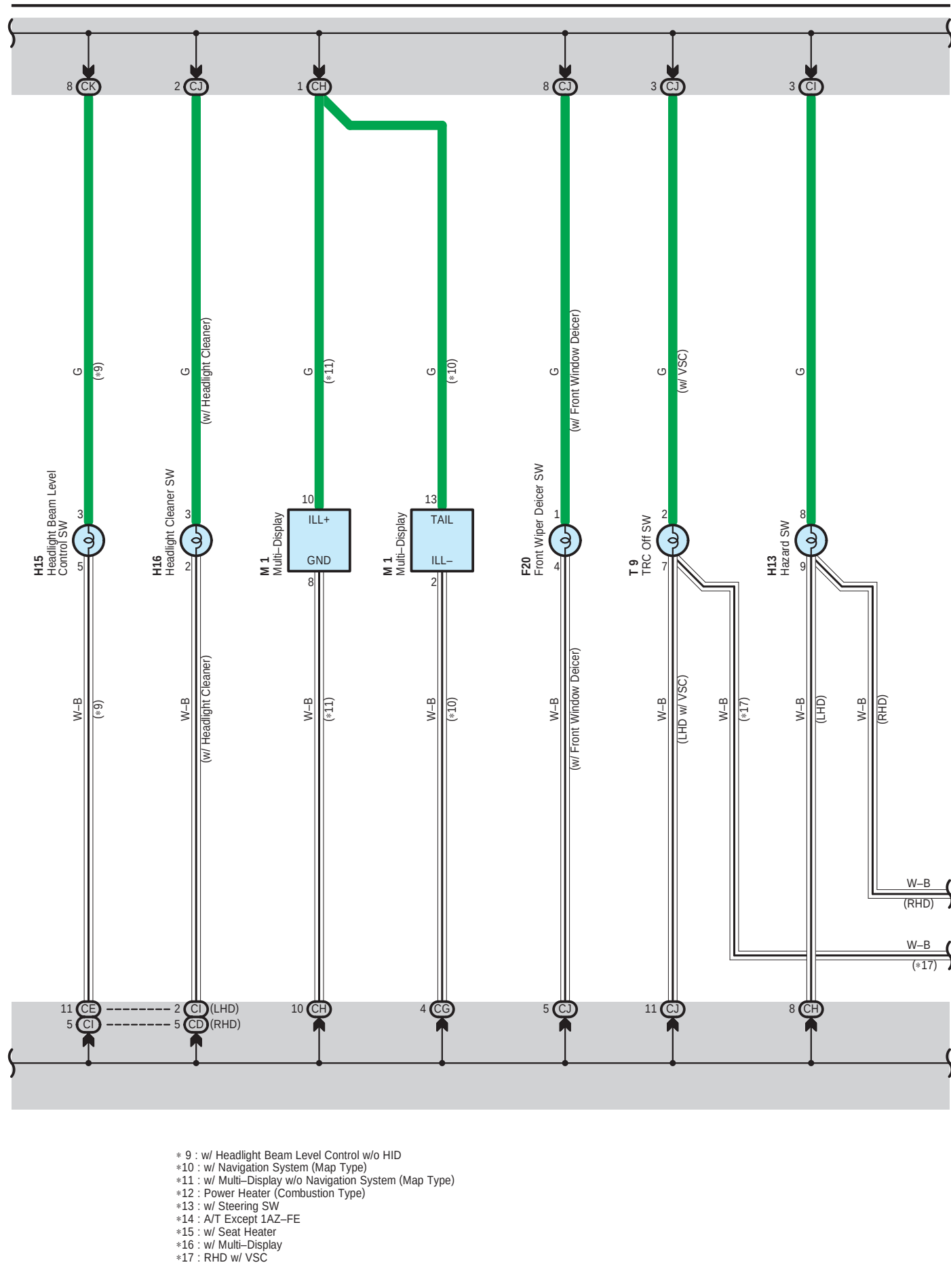


AVENSIS (EWD526E)

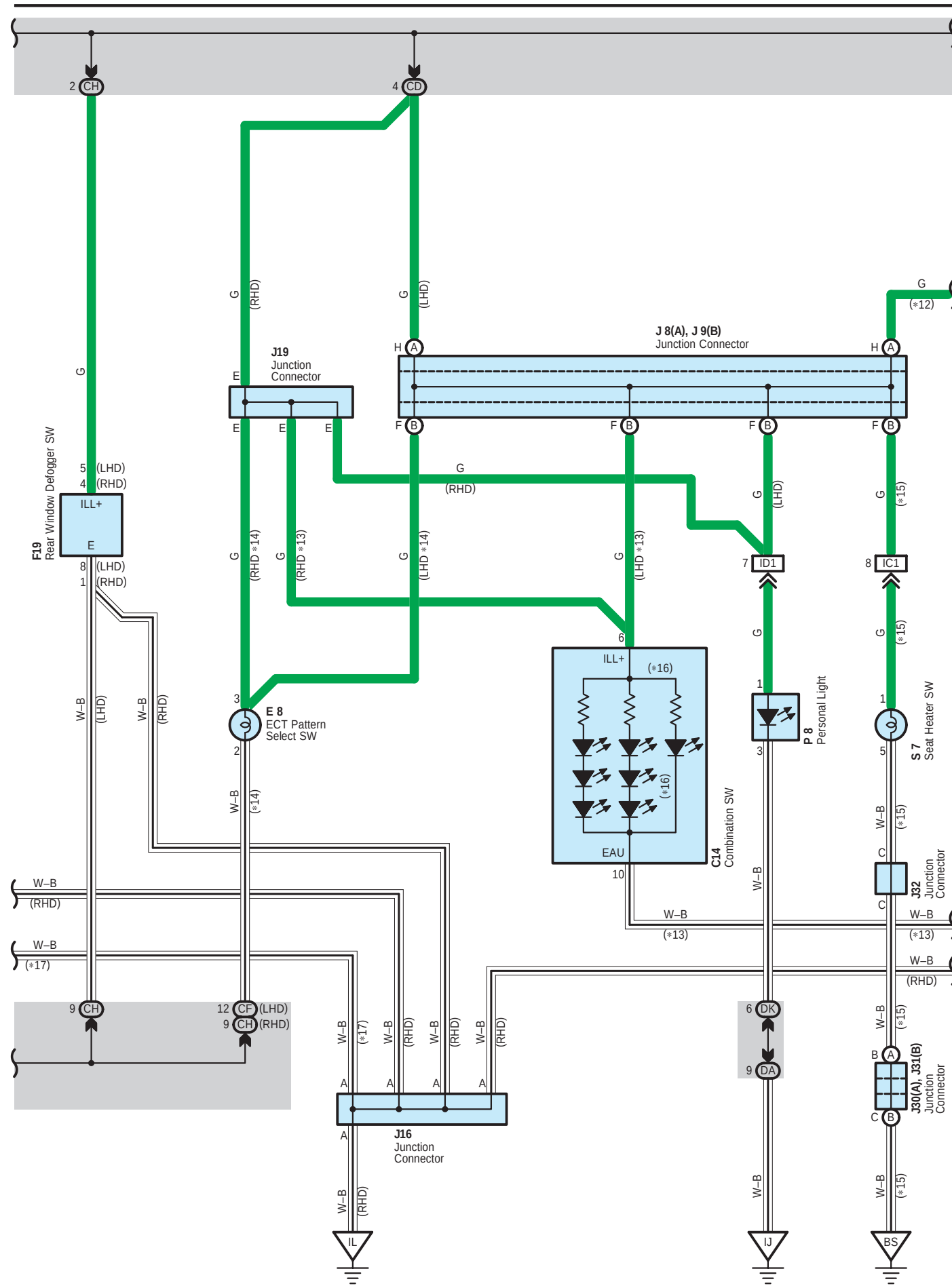


AVENSIS (EWD526E)

Illumination



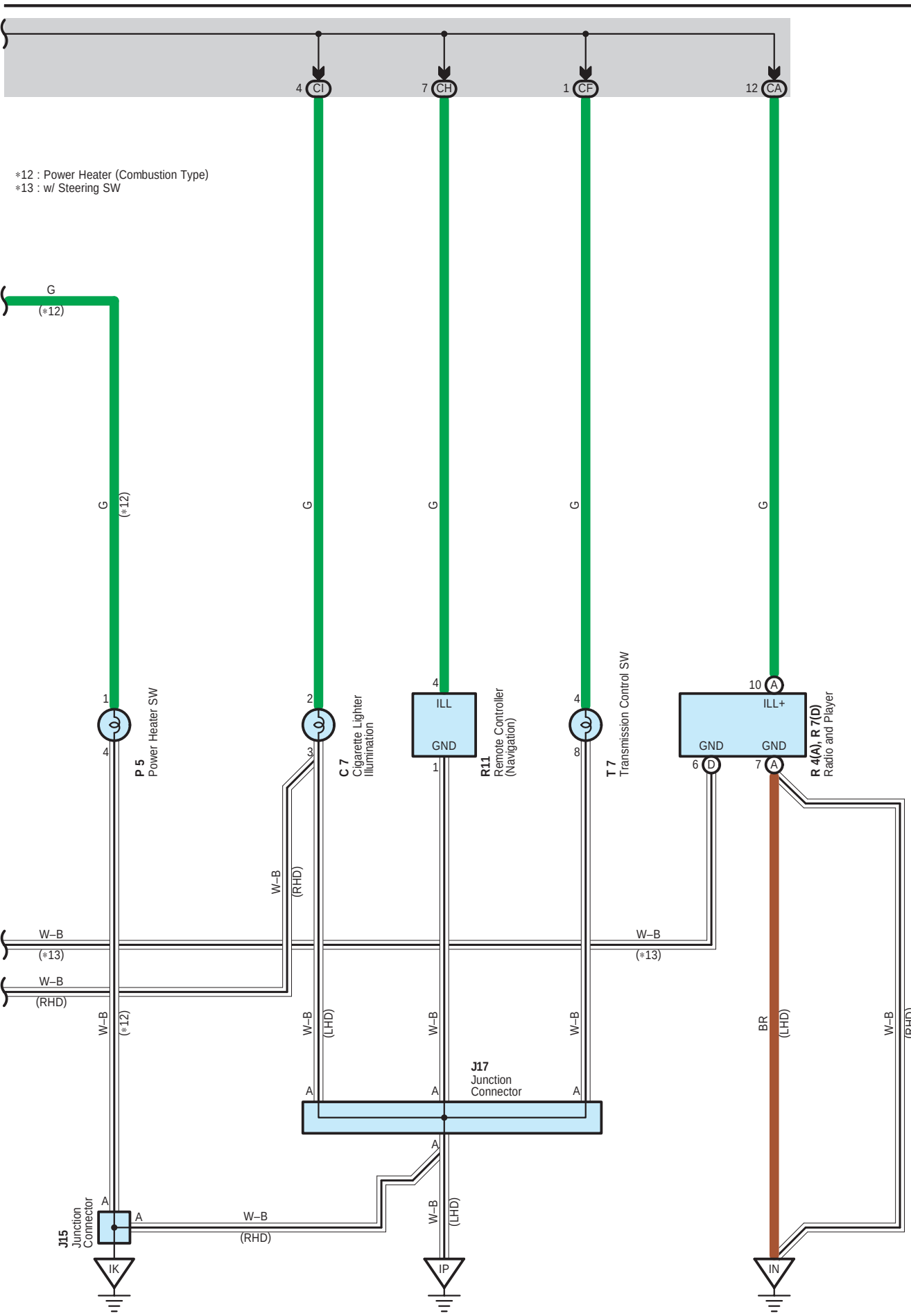
AVENSIS (EWD526E)



AVENSIS (EWD526E)

Illumination

- *12 : Power Heater (Combustion Type)
*13 : w/ Steering SW



AVENSIS (EWD526E)

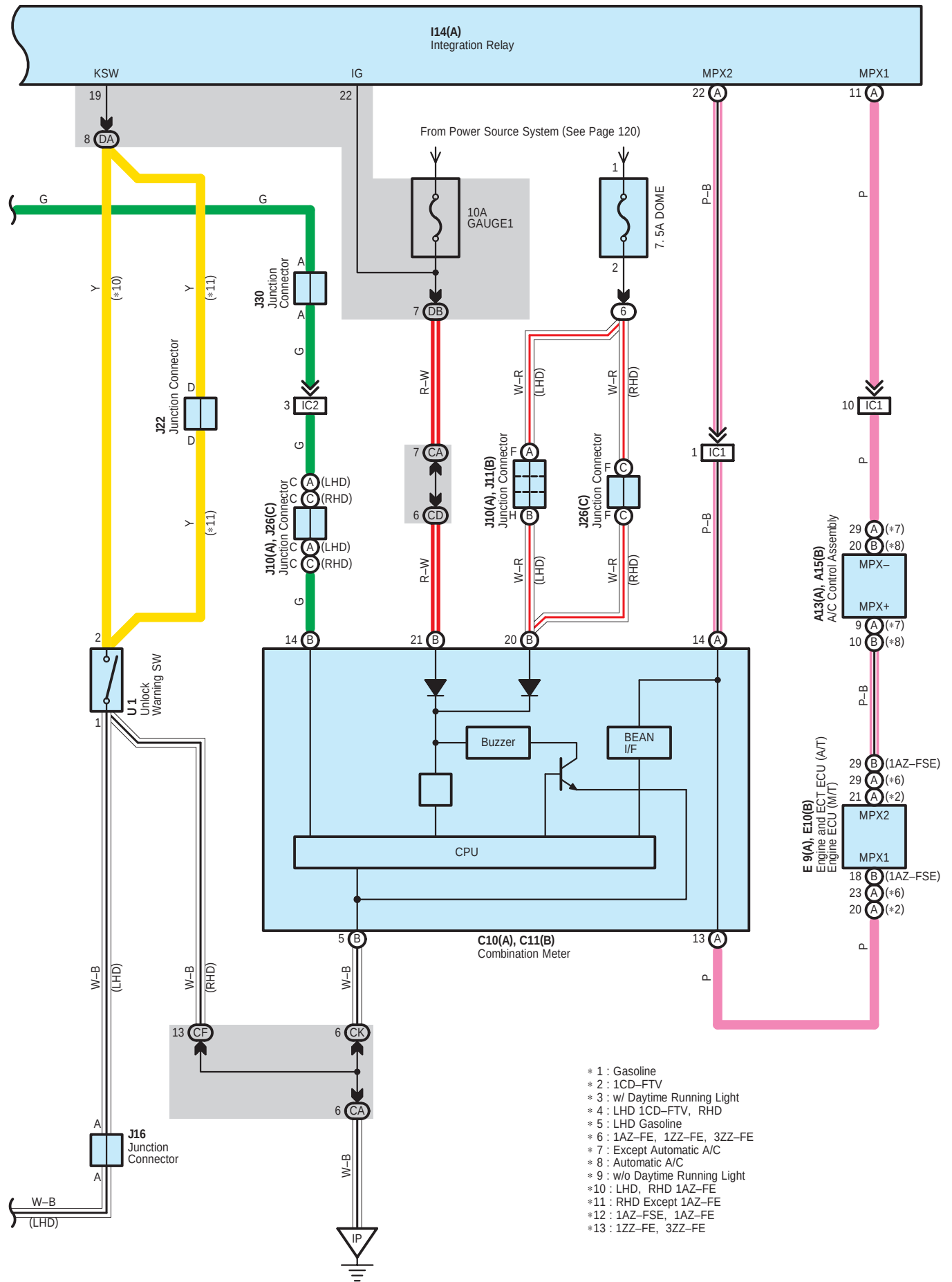
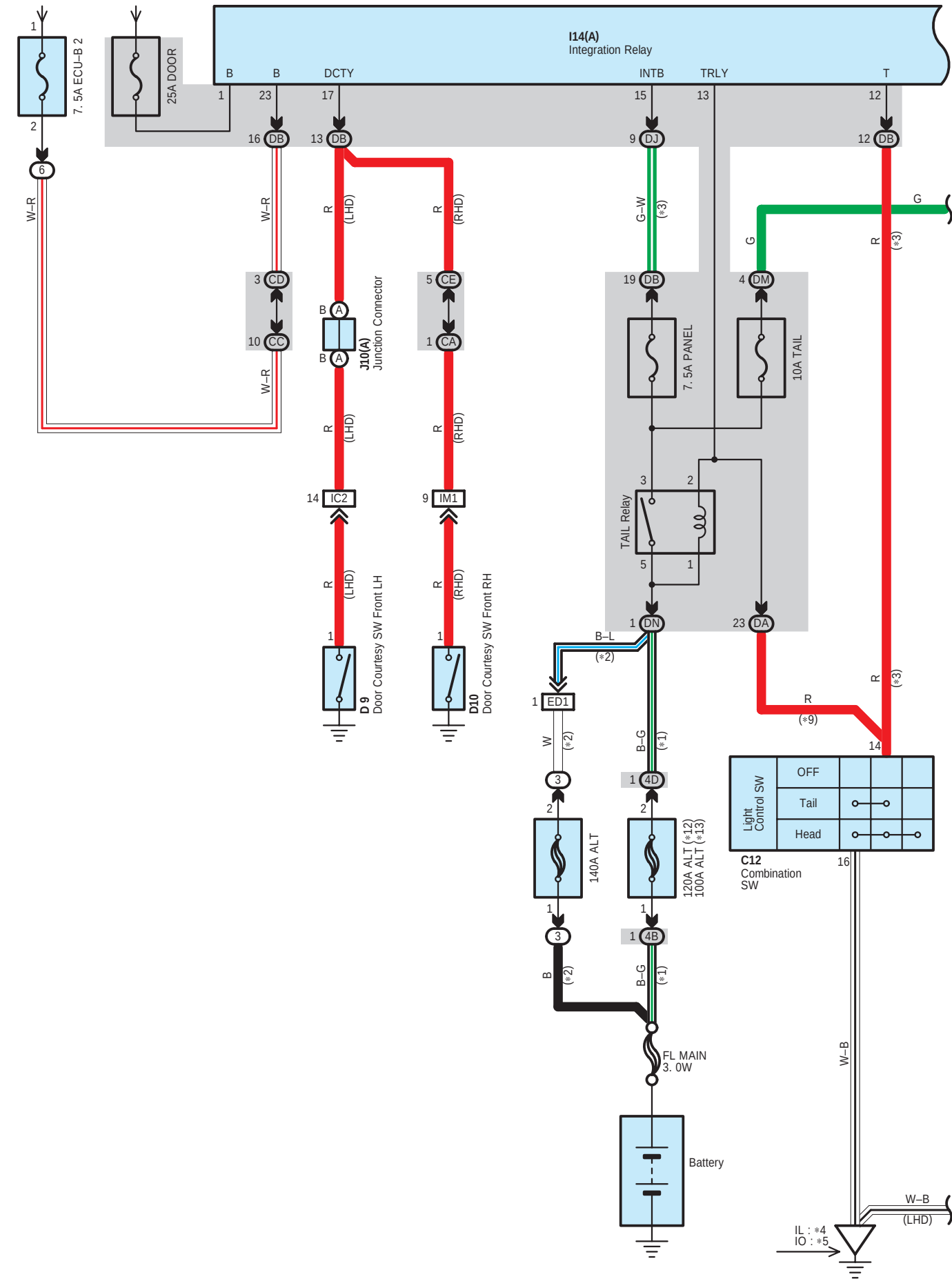
The diagram illustrates the electrical connections for the I14(A) Integration Relay. Key components and connections include:

- Power Source System (See Page 120):** Provides input to the relay through terminals 1, 2, 3, 4, 7, and 16. Components include a 7.5A ECU-B2, 25A DOOR, 7.5A RAD NO. 1, and 10A GAUGE1.
- Thelit Deterrent ECU (MPX):** Connected to the relay via terminals 15, 14, and 20. The MPX is labeled T 6.
- Integration Relay (I14(A)):** The central component with terminals 1, 2, 3, 4, 7, 16, 21, 22, and 23. It contains a CPU, BEAN I/F, and a Door sensor.
- Combination Meter (C10(A), C11(B)):** Connected to the relay via terminals 5, 6, and 13. It is labeled C10(A), C11(B) Combination Meter.
- Junction Connector (J20(A), J21(B)):** A 320(A), 321(B) Junction Connector is shown, connecting the relay to the power source system.
- Wiring:** The diagram shows various wiring paths, including W-R (Wire-Right), W-B (Wire-Back), and P (Power).



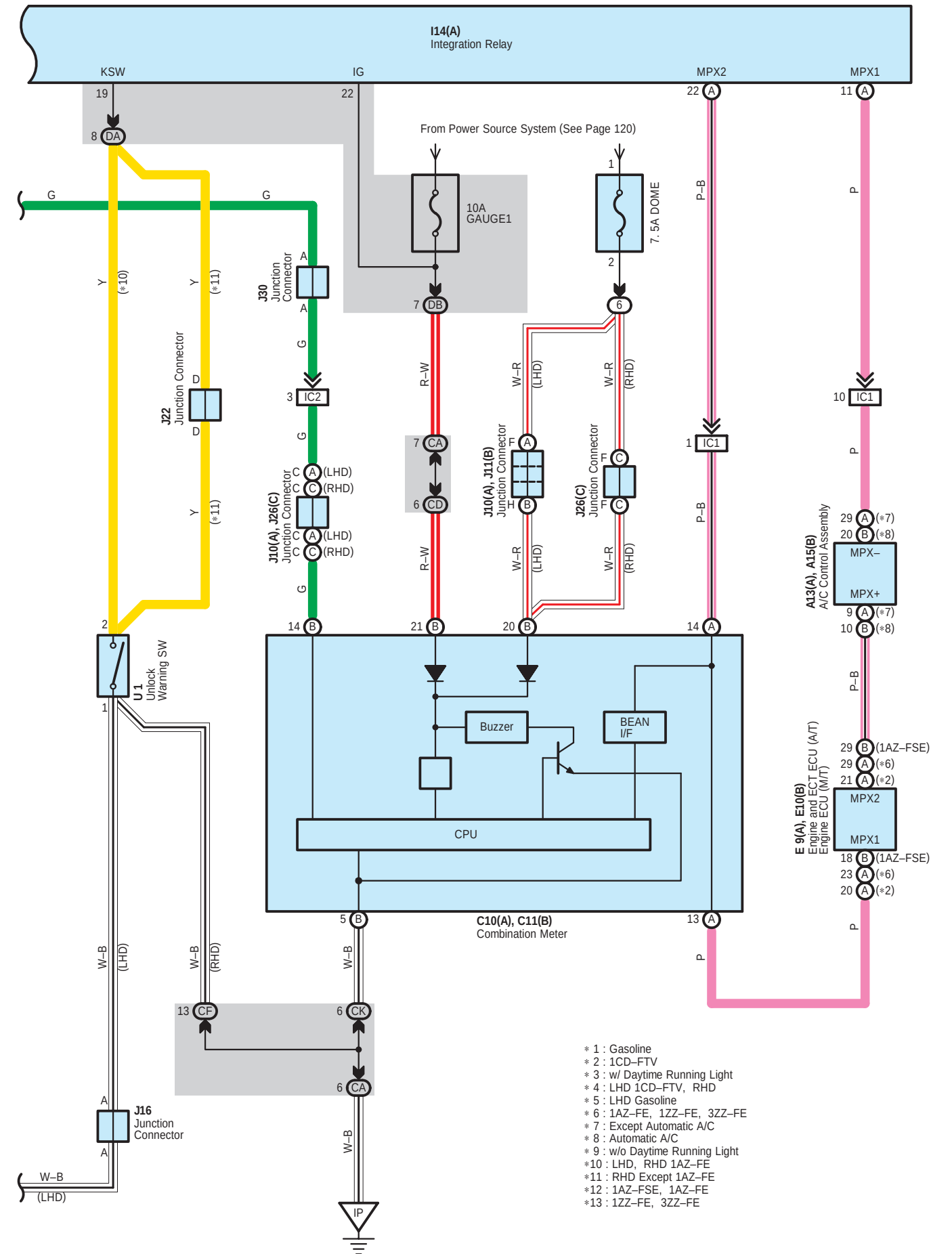
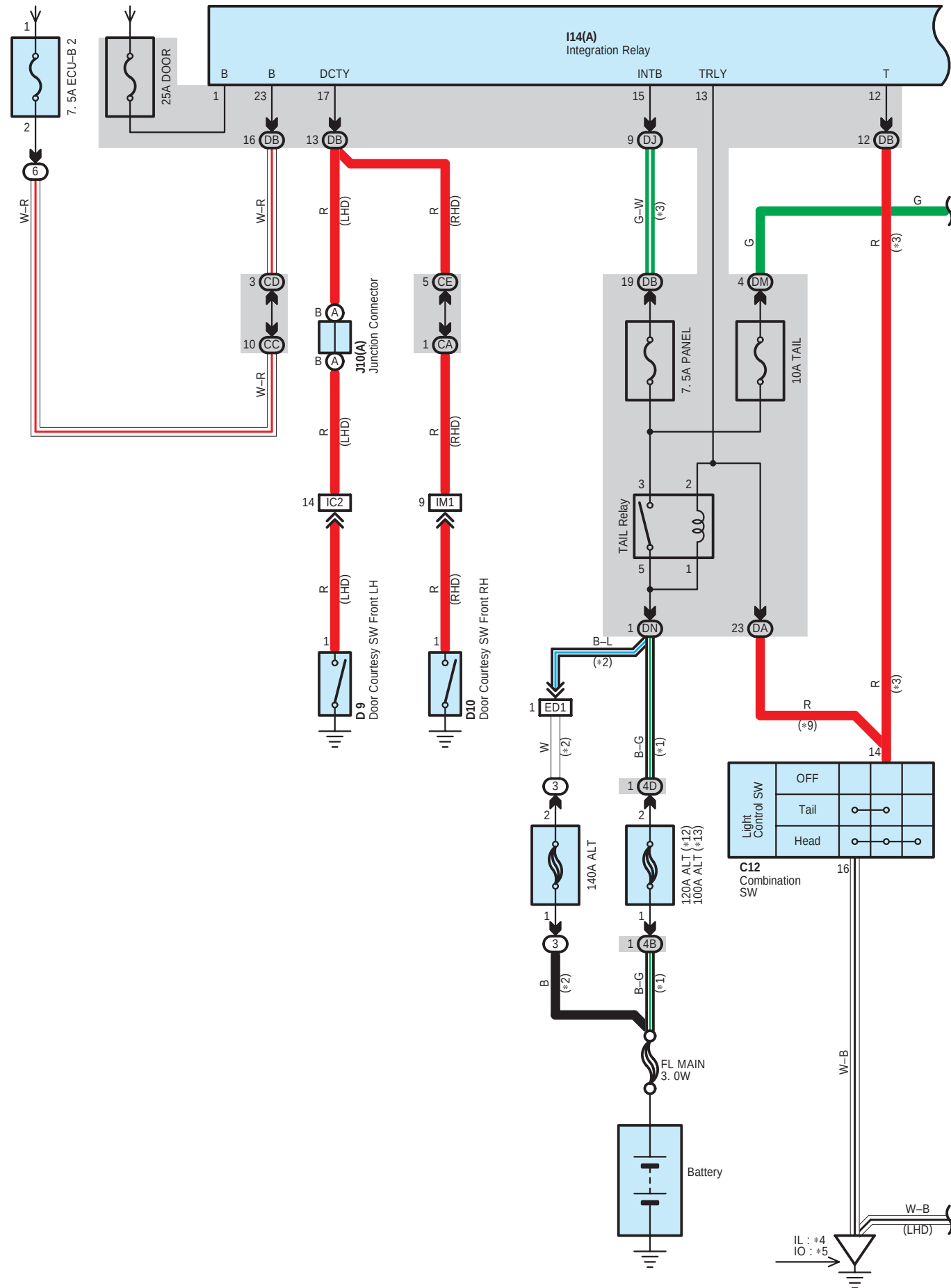
Key Reminder and Light Reminder

From Power Source System (See Page 120)



Key Reminder and Light Reminder

From Power Source System (See Page 120)



From Power Source System (See Page 120)



R-W(RHD)



(R-W(RHD)

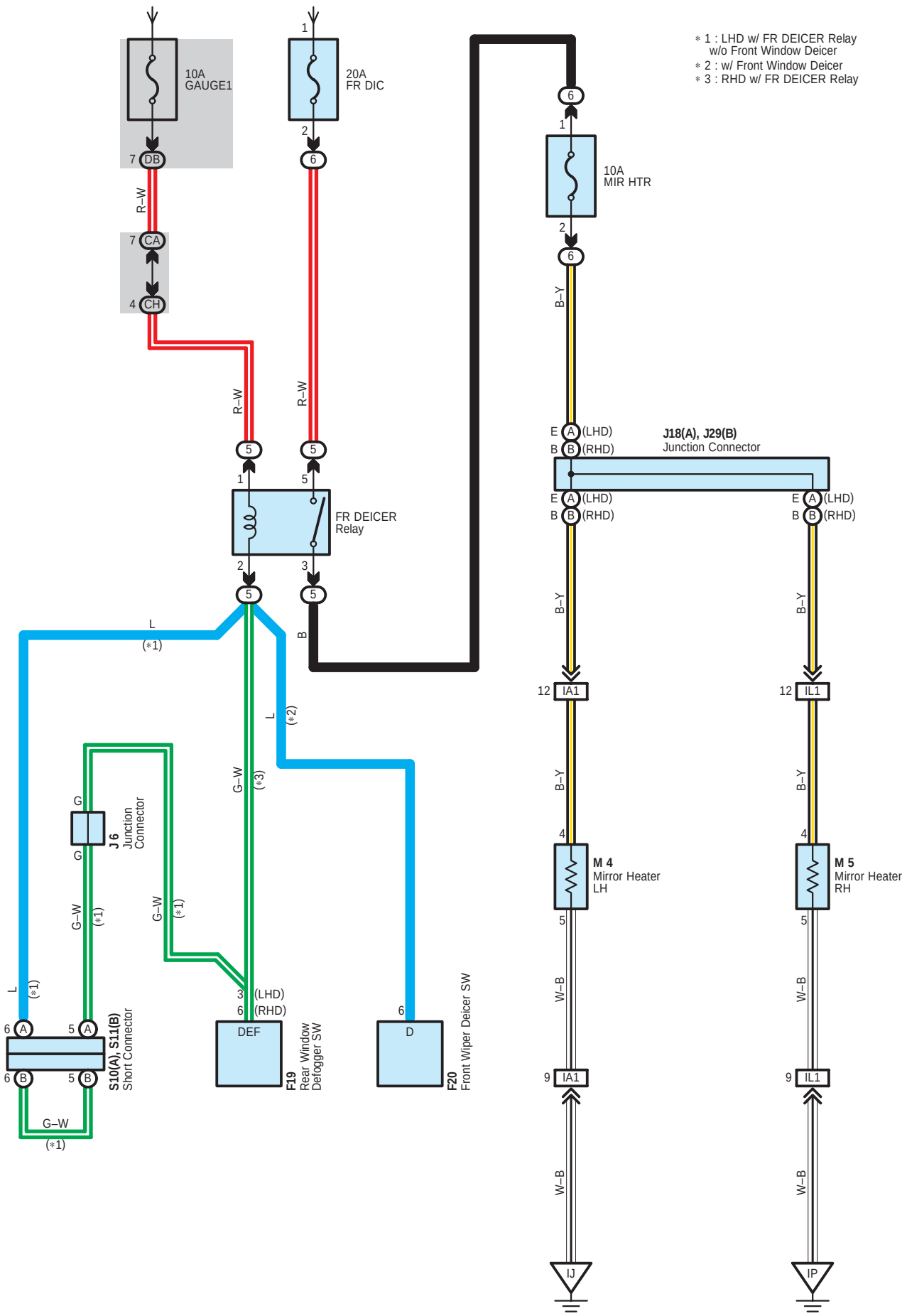


From Power Source System (See Page 120)

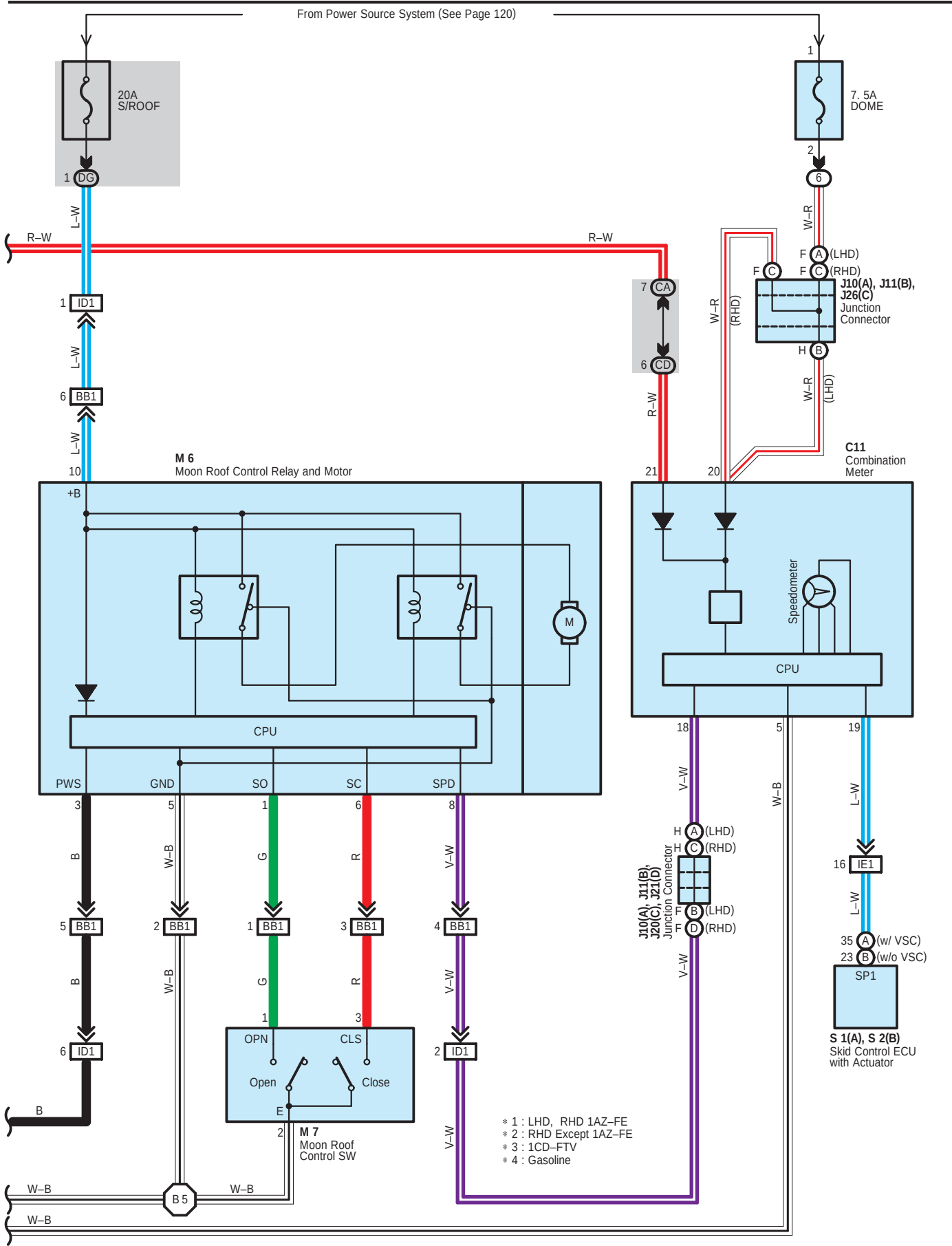
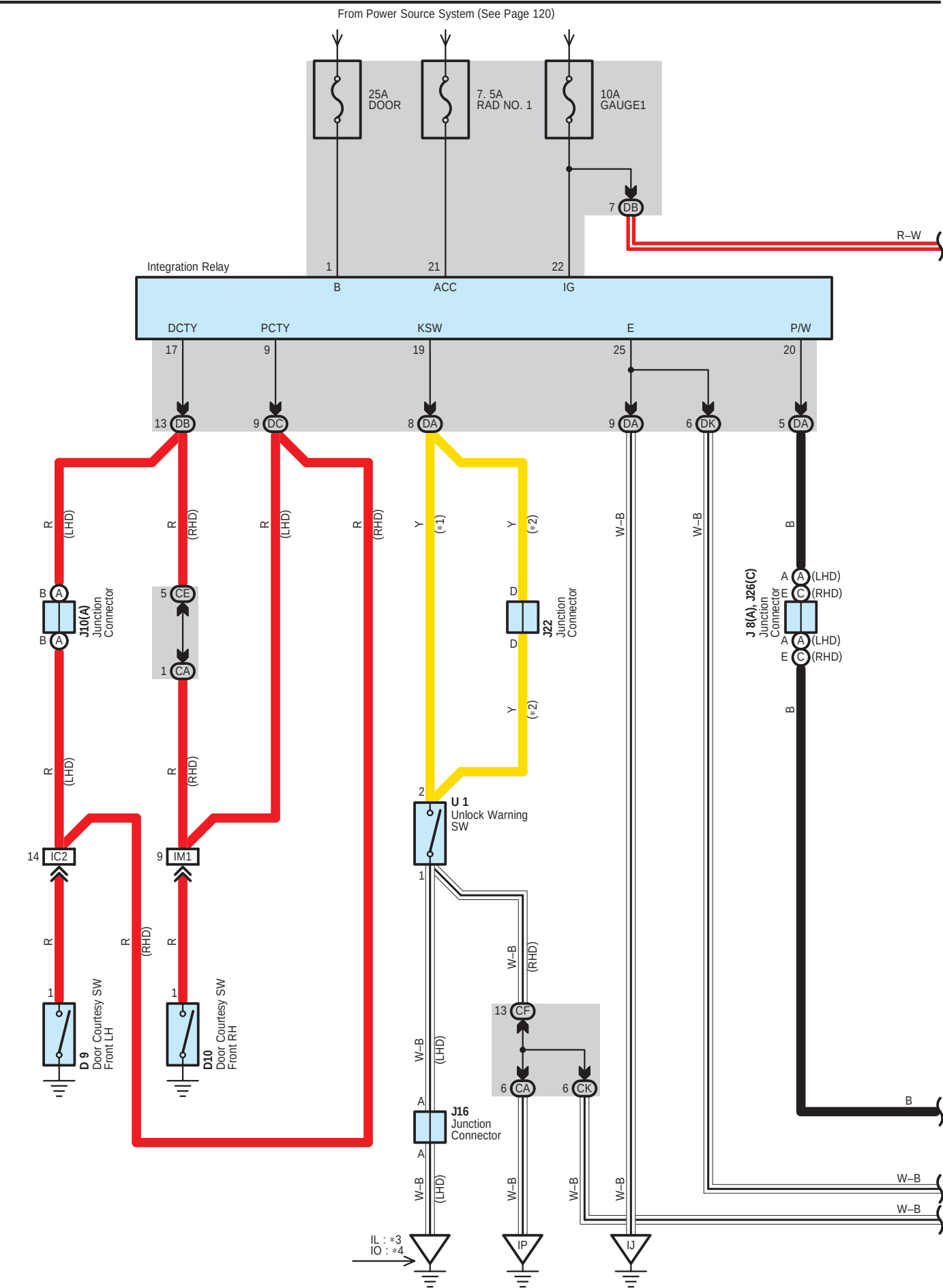


Mirror Heater

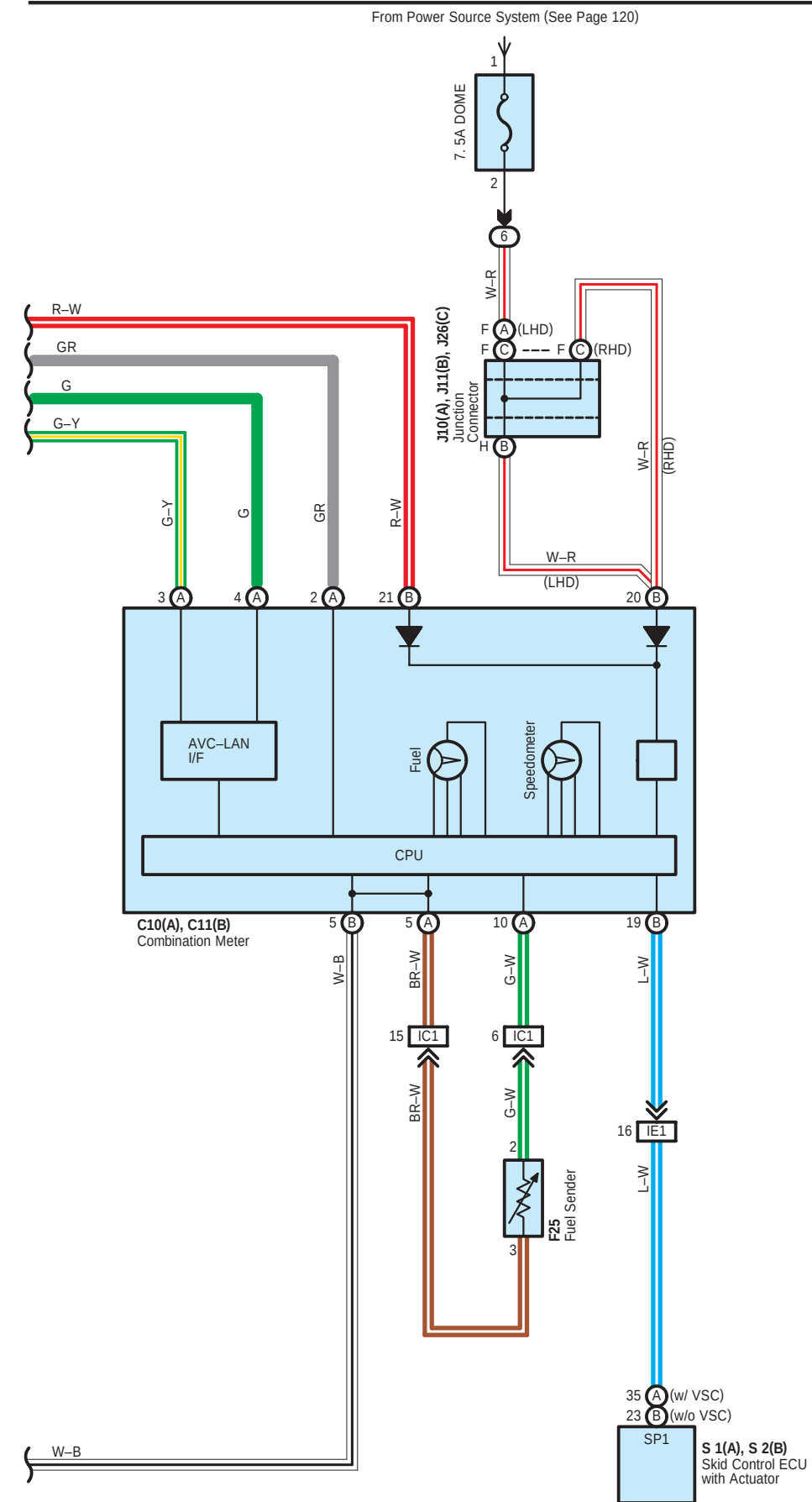
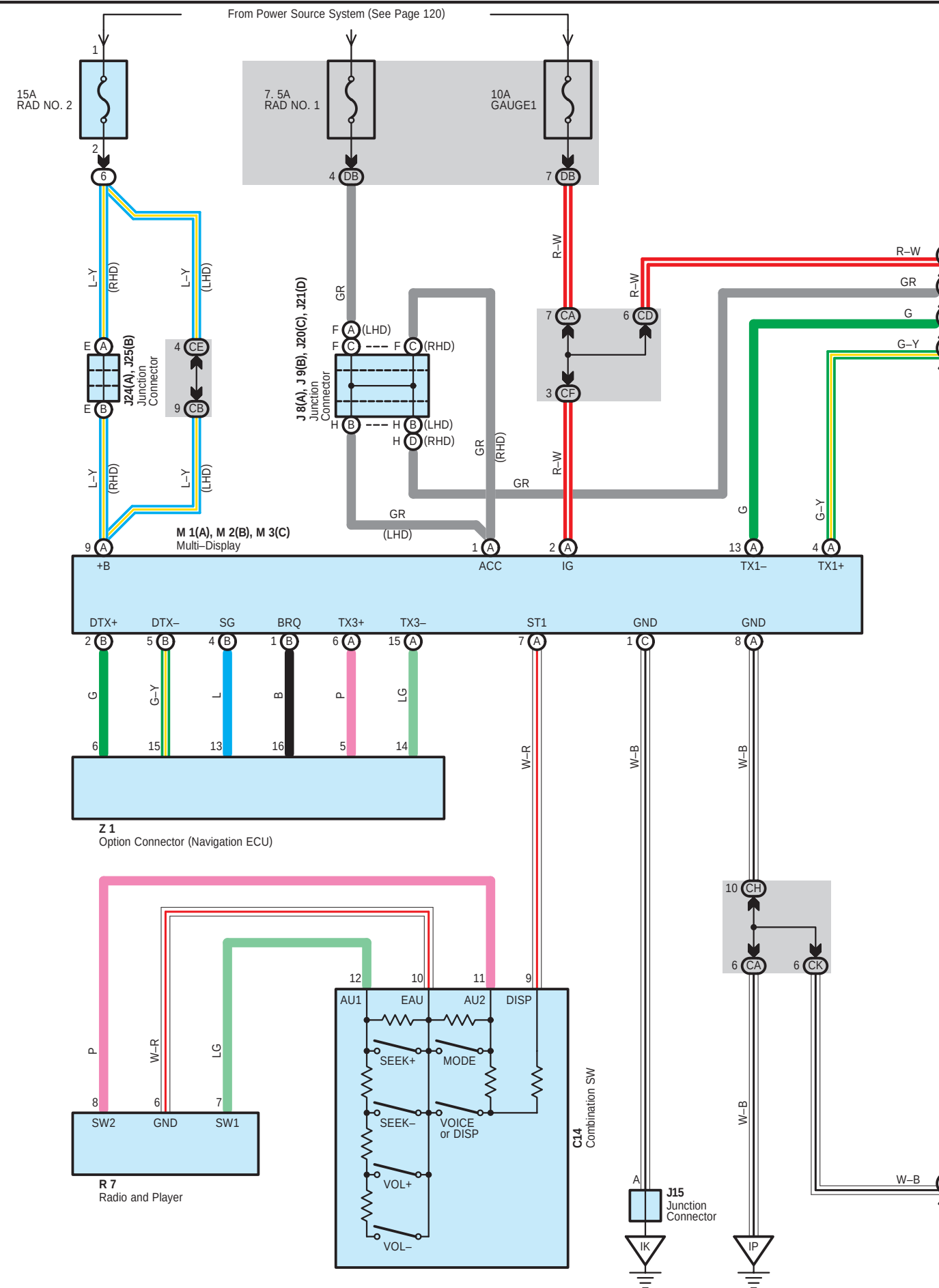
From Power Source System (See Page 120)



Moon Roof

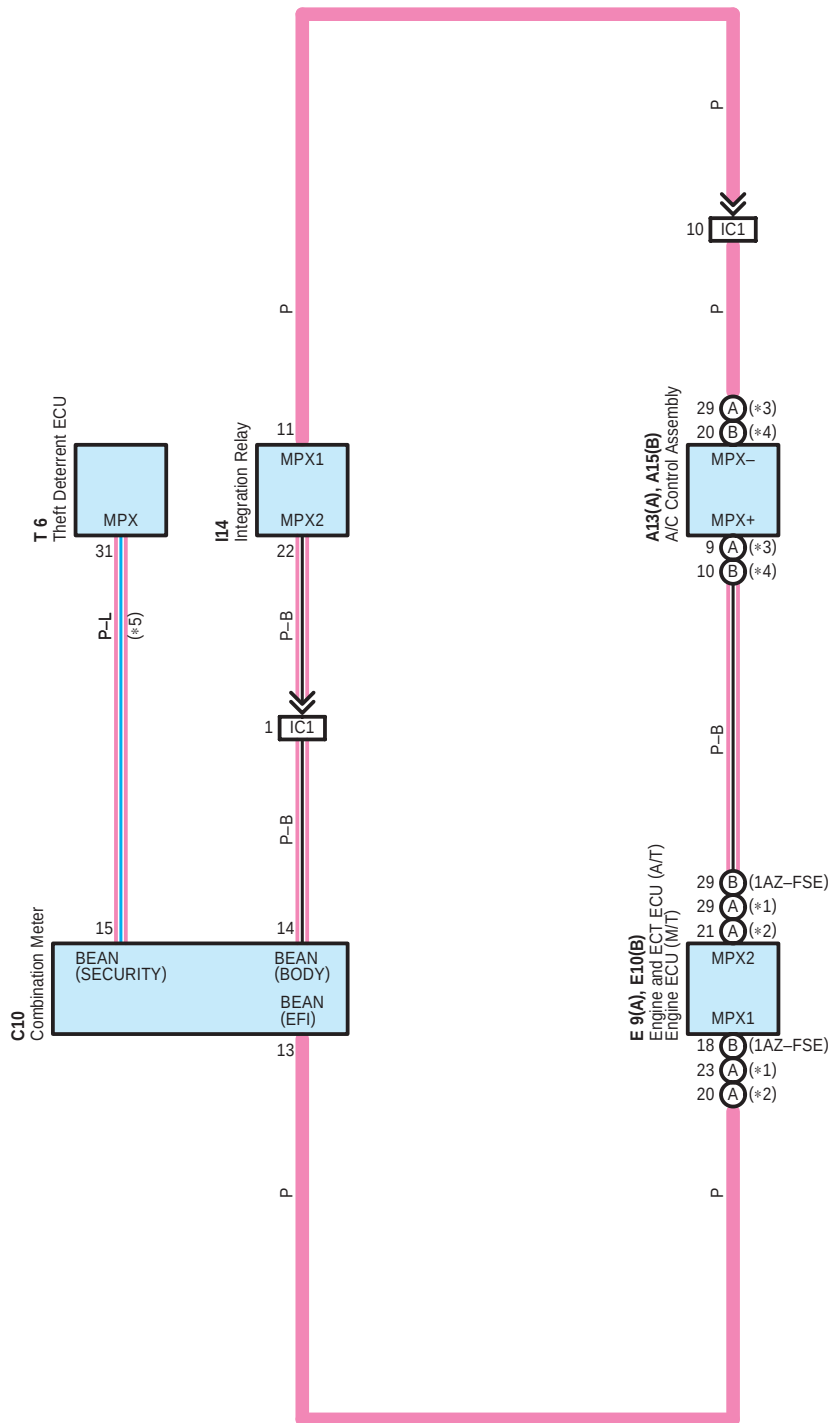


Multi-Display (w/o Navigation System Map Type)



Multiplex Communication System (Communication Bus)

- * 1 : 1AZ-FE, 1ZZ-FE, 3ZZ-FE
- * 2 : 1CD-FTV
- * 3 : Except Automatic A/C
- * 4 : Automatic A/C
- * 5 : w/ Theft Deterrent



From Power Source System (See Page 120)

I440A Integration Relay

7.5A EC2-B2

25A DOOR

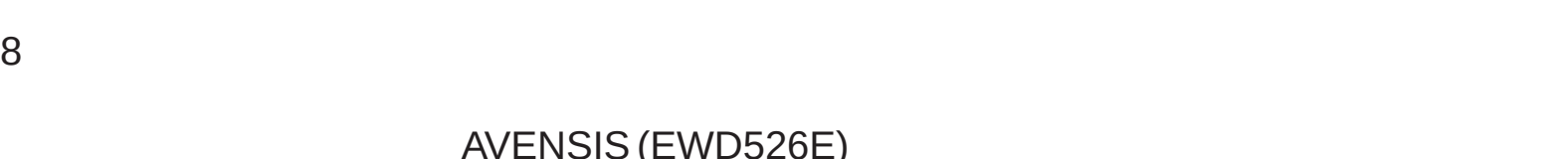
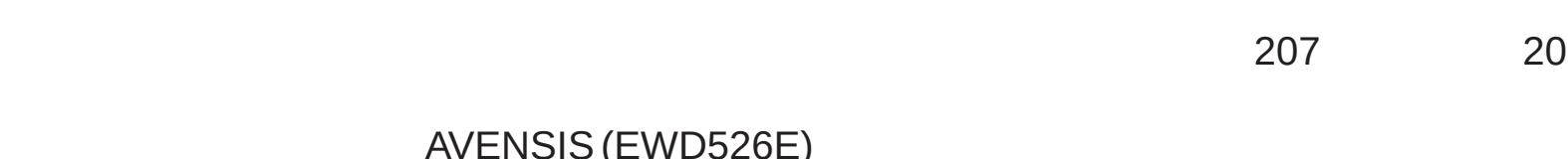
25A ALT 10A-EE 100A-EE 25A-EE

BATTERY

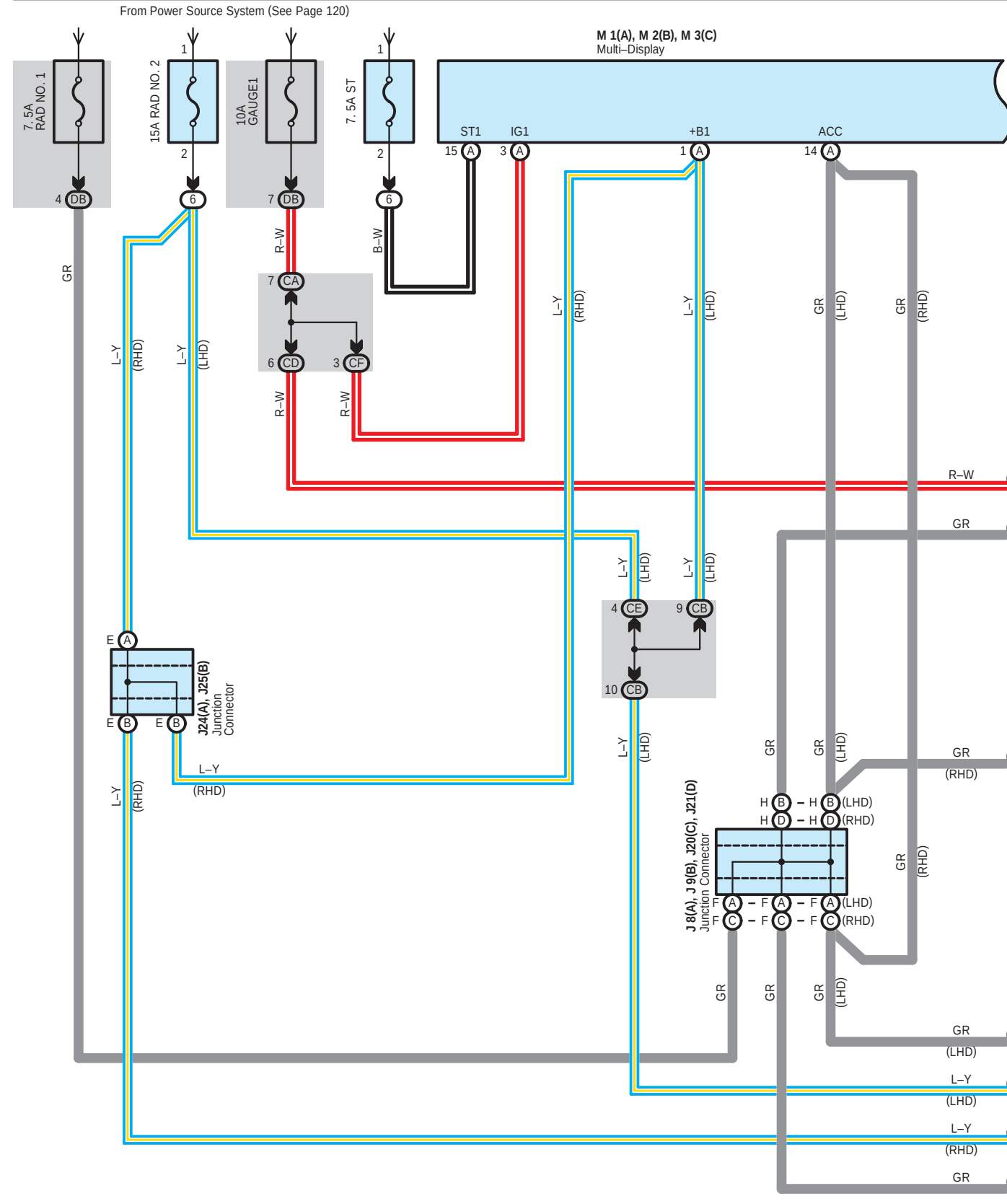
315 Junction Connector

Legend:

- 1 = Doorline
- 2 = EC2-RTV
- 3 = w/ Wireless Door Lock
- 4 = w/ Theft Detectors

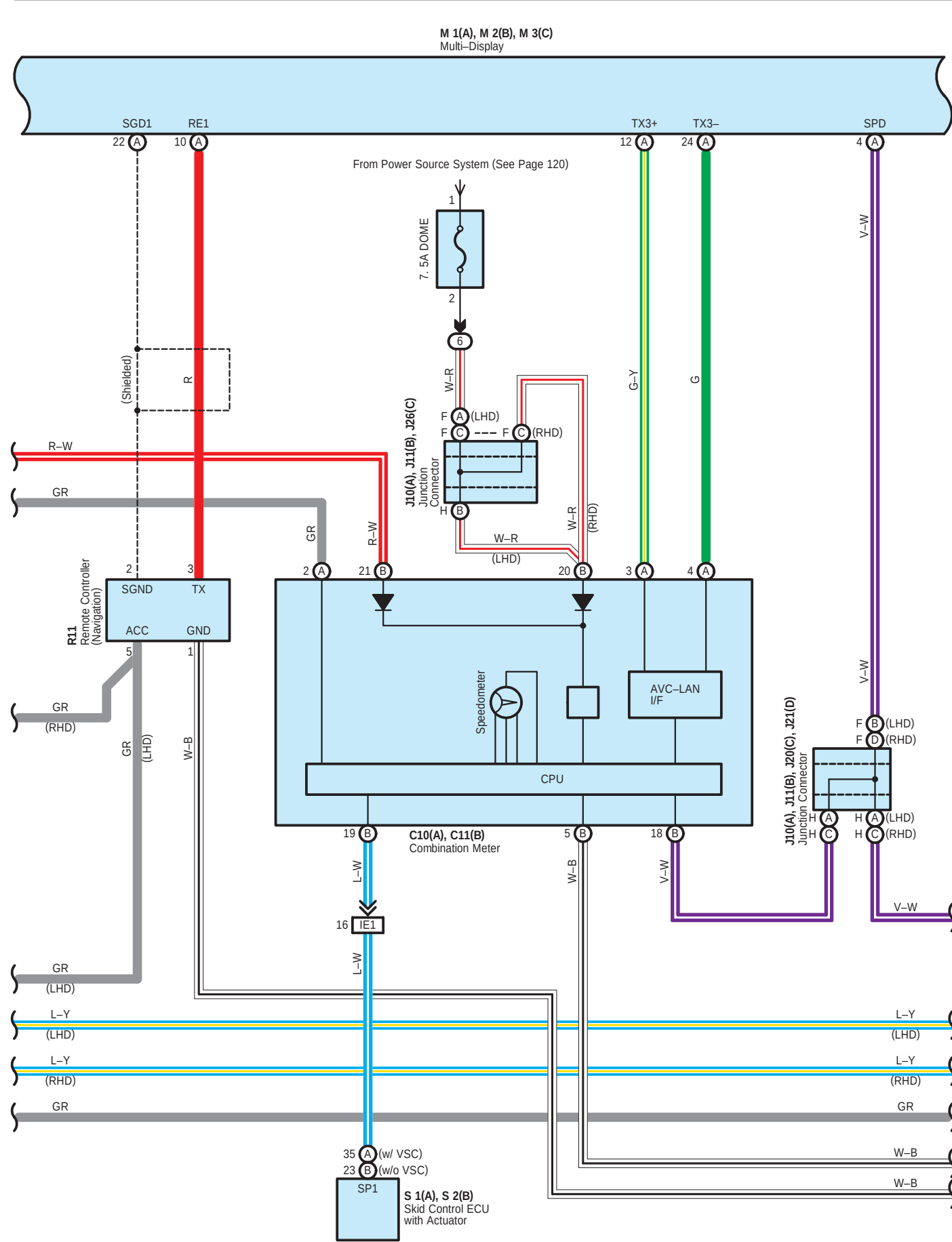


Navigation System (Map Type)



472

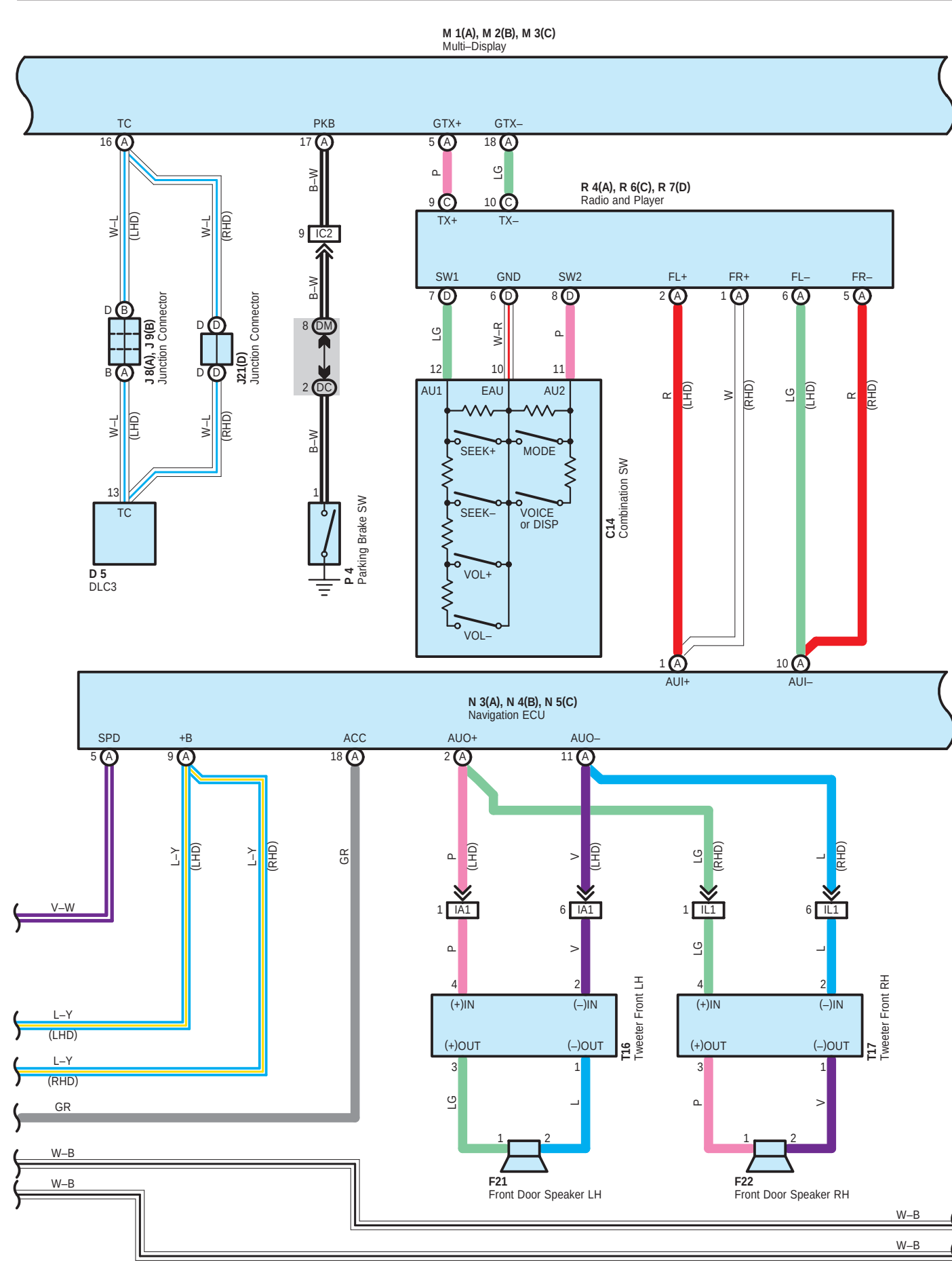
AVENSIS (EWD526E)



473

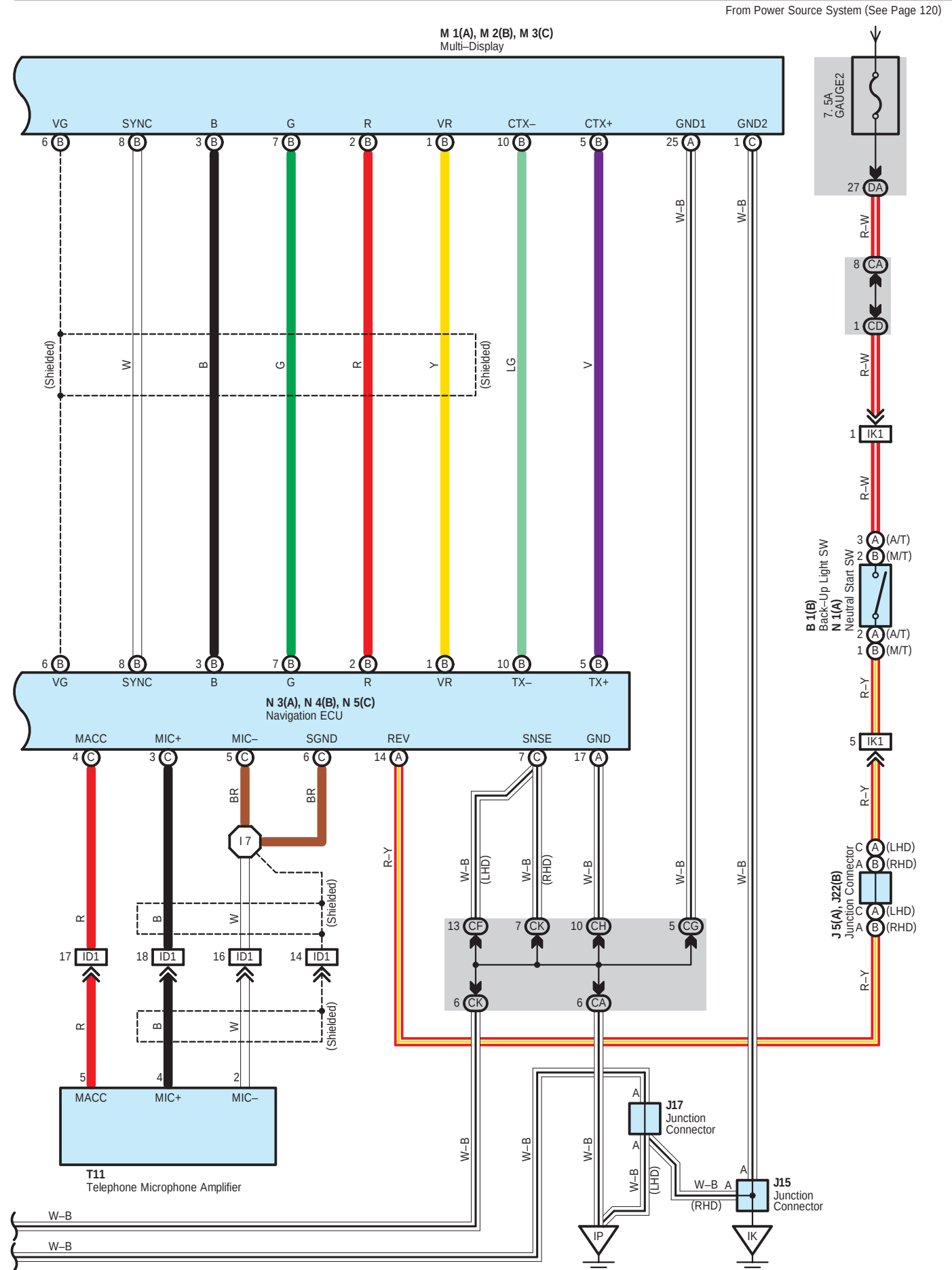
AVENSIS (EWD526E)

Navigation System (Map Type)



474

AVENSIS (EWD526E)

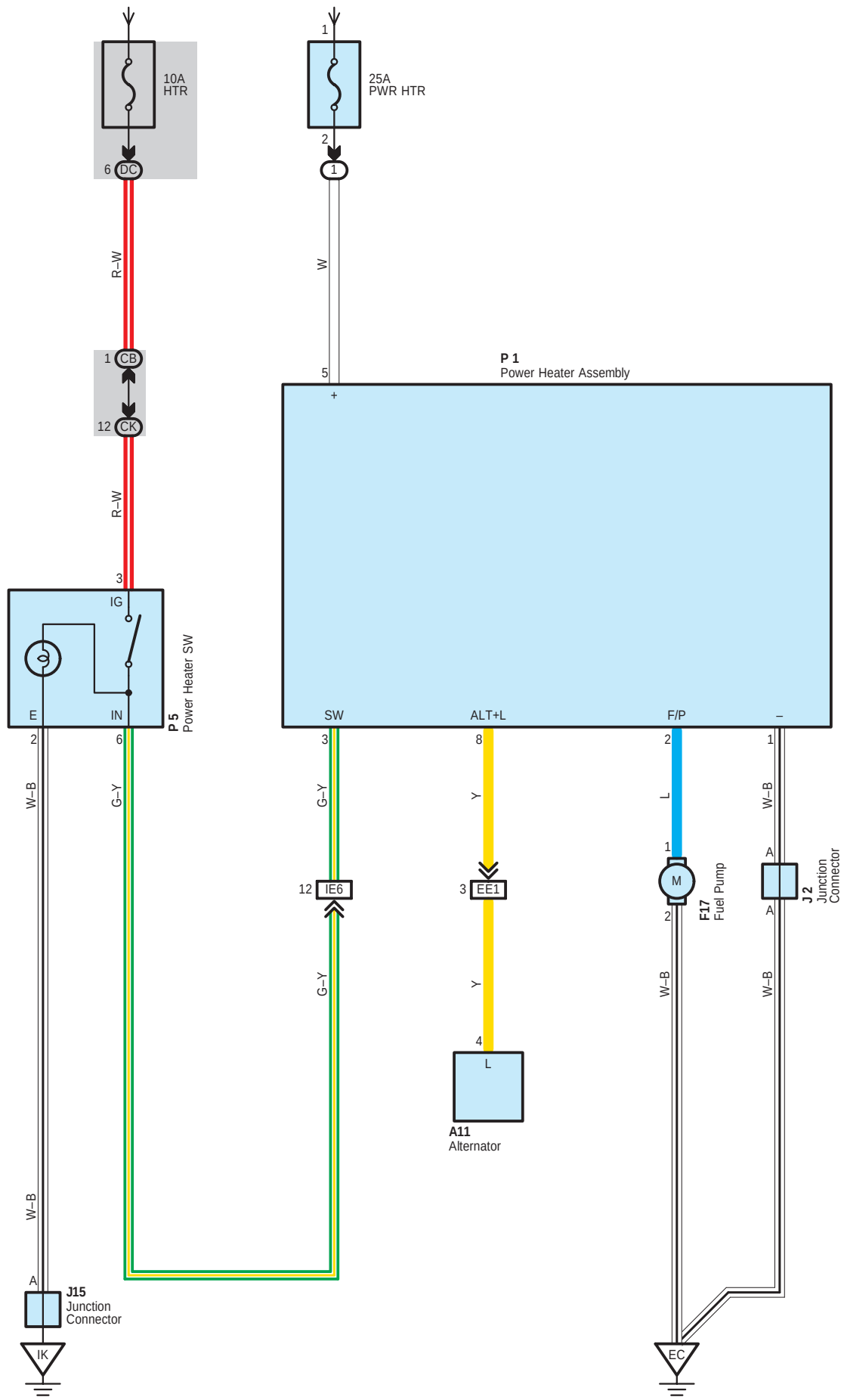


475

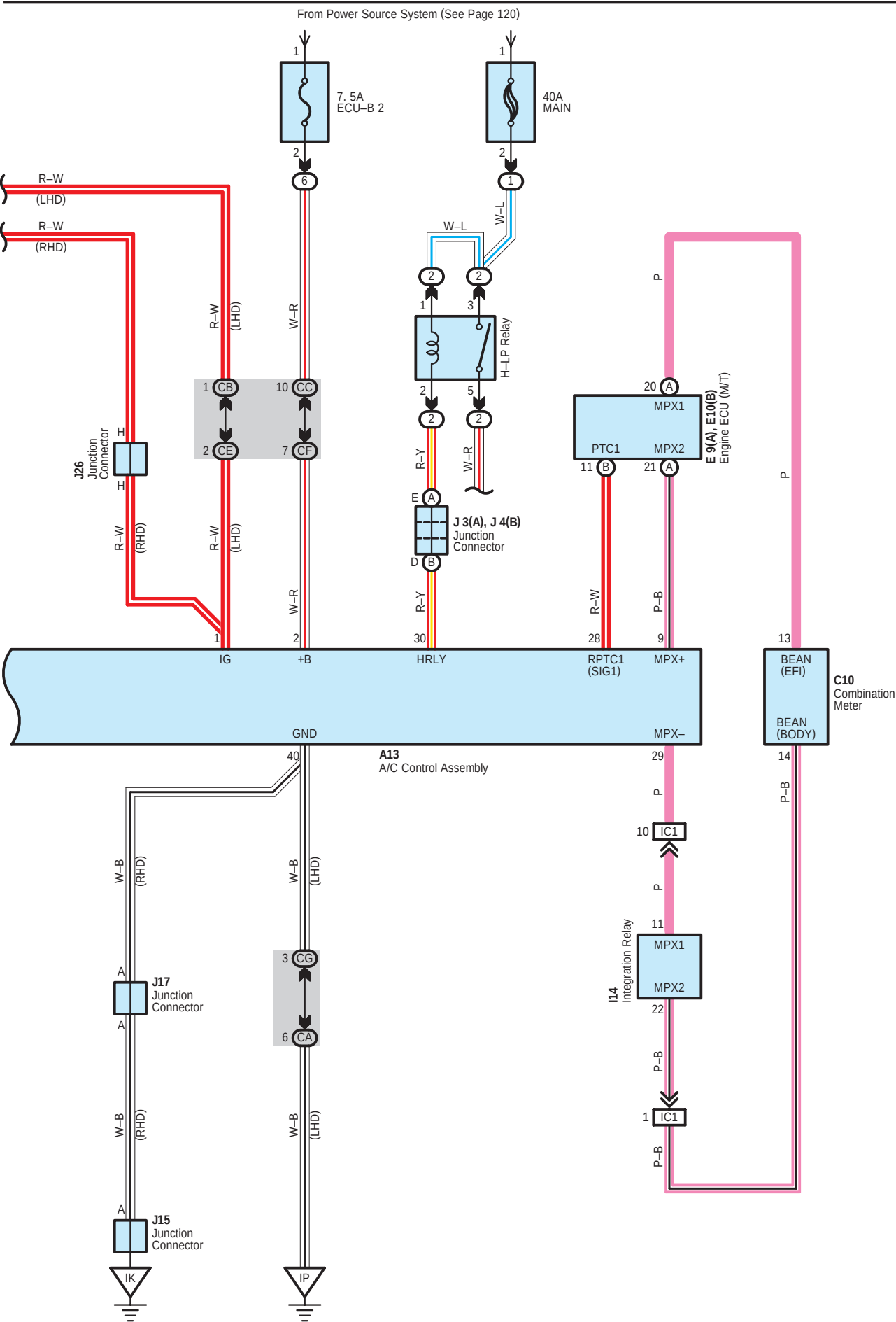
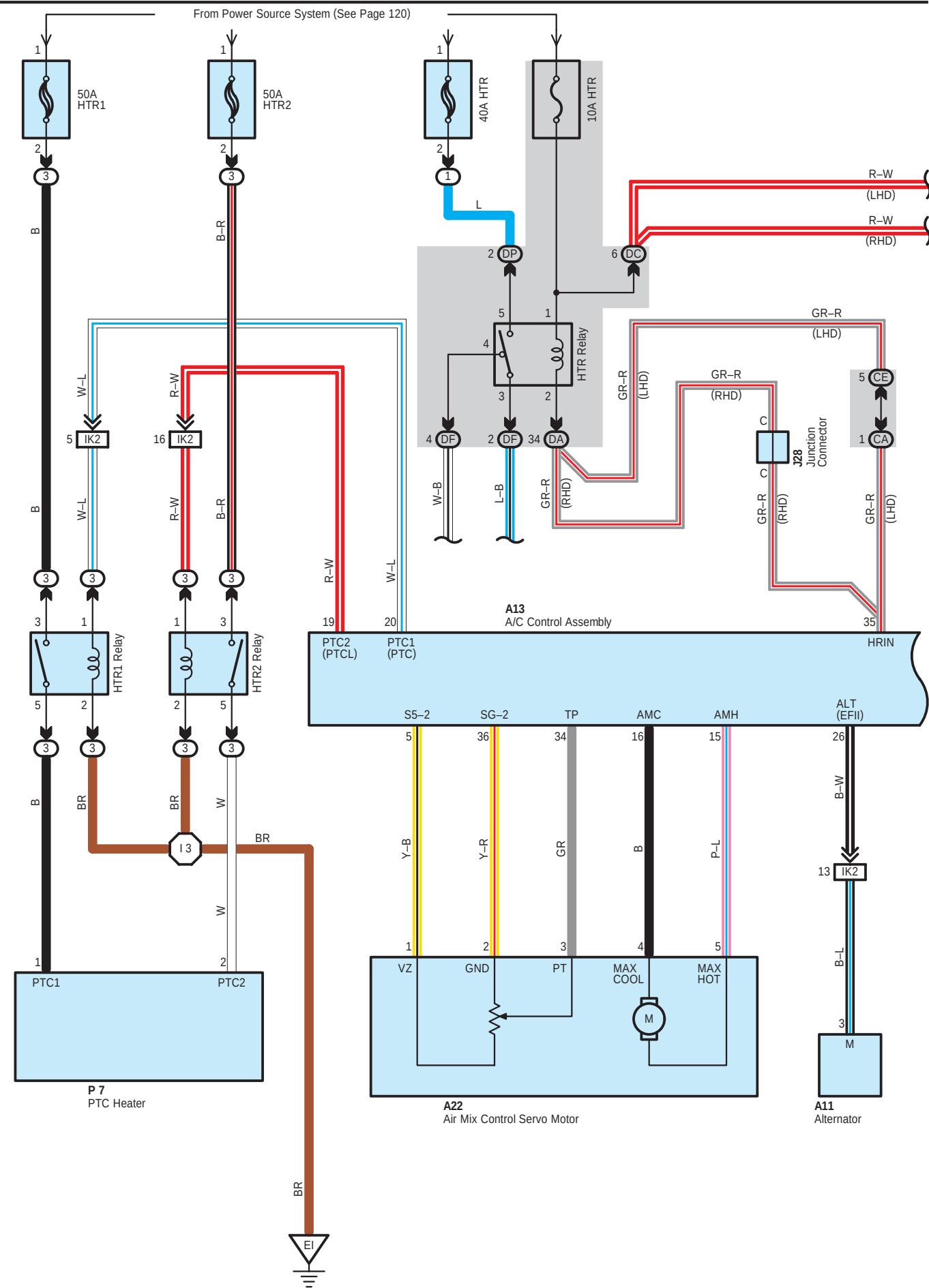
AVENSIS (EWD526E)

Power Heater (Combustion Type)

From Power Source System (See Page 120)



Power Heater (Electrical Type)



Air Conditioner (Automatic A/C) and



Power Heater (Hot Gas Type Automatic A/C)



Air Conditioner (Automatic A/C) and



Power Heater (Hot Gas Type Automatic A/C)



The diagram illustrates the electrical system for the A/C Amplifier. It shows the following components and their connections:

- A/C Amplifier:** The central component with terminals for GND, TE, SG-4, PBKIG, and others.
- A13(A), A14(B) A/C Control Assembly:** Receives signals from the A/C Amplifier and controls the condenser and compressor.
- C4 Condenser Assembly:** Includes terminals IE1, IE2, and a junction connector J17.
- P5 Power Heater SW:** Controls the power heater, with terminals for R-W, R-W (RHD), and R-W (+1).
- C3 Compressor Assembly:** Includes terminals IK2 and a junction connector J17.
- A19 A/C Thermistor:** Monitors the refrigerant temperature, with terminals for TE, SG-4, and PBKIG.
- P4 Parking Brake SW:** Controls the parking brake, with terminals for B-W and B-W (RHD).

The diagram also includes a legend for the power heater types:

- * 1 : LHD 1CD-FTV Power Heater (Hot Gas Type)
- * 2 : RHD 1CD-FTV Power Heater (Hot Gas Type)
- * 3 : 1CD-FTV Power Heater (Hot Gas Type)

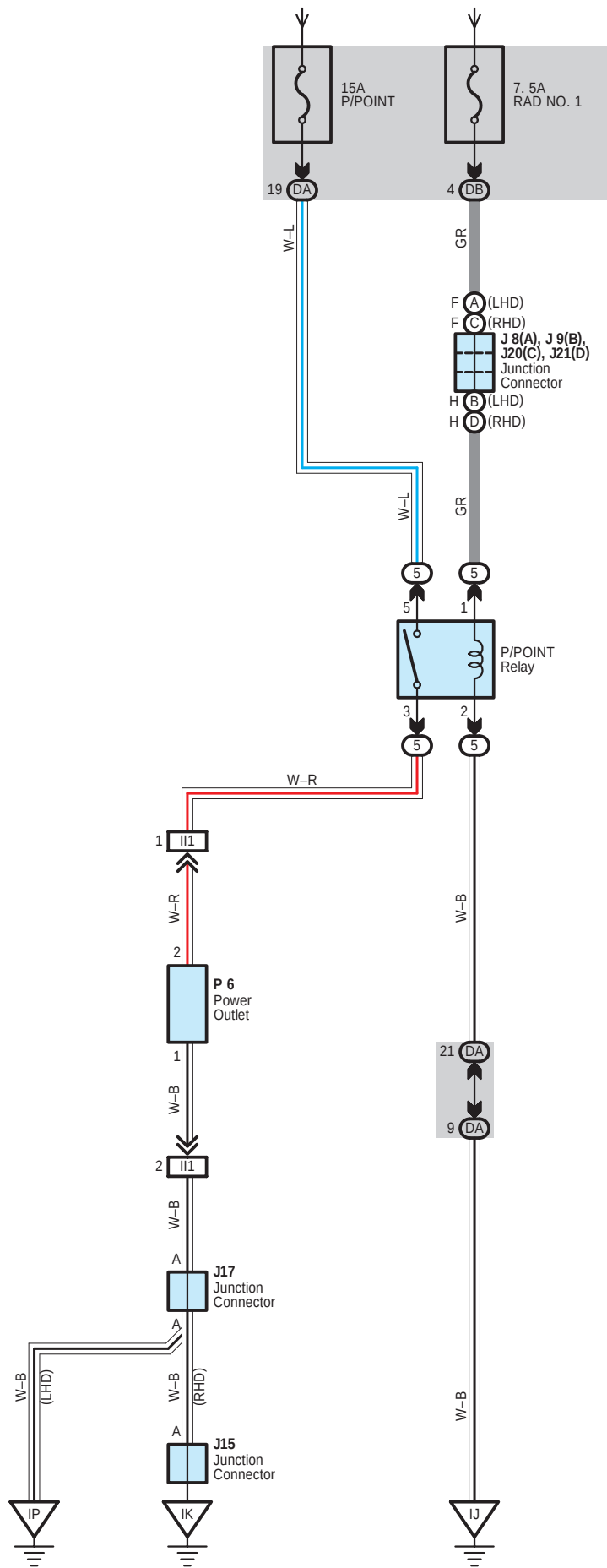
Wiring diagram for the A/C Amplifier, showing connections to various components:

- Power Heaters:**
 - * 1 : LHD 1CD-FTV Power Heater (Hot Gas Type)
 - * 4 : Power Heater (Electrical Type)
 - * 5 : 1A2-FE, 1Z2-FE, 3Z2-FE
- A/C Amplifier Connections:**
 - IG (Ignition):** 1 (A)
 - REC (Recirculation):** 11 (A)
 - FRS (Fresh Air Inlet):** 10 (A)
 - S5 (Sensors):** 7 (A)
 - SG (Sensors):** 38 (A)
 - PRE (Pressure):** 32 (A)
 - CFAN (Cooling Fan):** 23 (A)
- A/C Amplifier Outputs:**
 - SG-3:** 37 (A)
 - S5-3:** 6 (A)
 - TPM (Temperature Pressure Monitor):** 33 (A)
 - AOD (Air Outlet Duct):** 12 (A)
 - AOF (Air Outlet Fan):** 13 (A)
 - S5-2:** 5 (A)
 - SG-2:** 36 (A)
 - TP (Temperature Pressure):** 34 (A)
 - AMC (Air Mix Control):** 16 (A)
 - AMH (Air Mix Heater):** 15 (A)
- Other Components:**
 - A3 A/C Pressure Sensor:** 3 (B-W), 1 (G-W), 2 (L-W)
 - A21 Air Inlet Control Servo Motor:** 7 (B-W), 8 (G-W), 17 (L-W)
 - A25 Air Vent Mode Control Servo Motor:** 1 (GND), 2 (VZ), 3 (PT), 4 (DEF), 5 (FACE)
 - A22 Air Mix Control Servo Motor:** 1 (VZ), 2 (GND), 3 (PT), 4 (MAX COOL), 5 (MAX HOT)

[illegible]

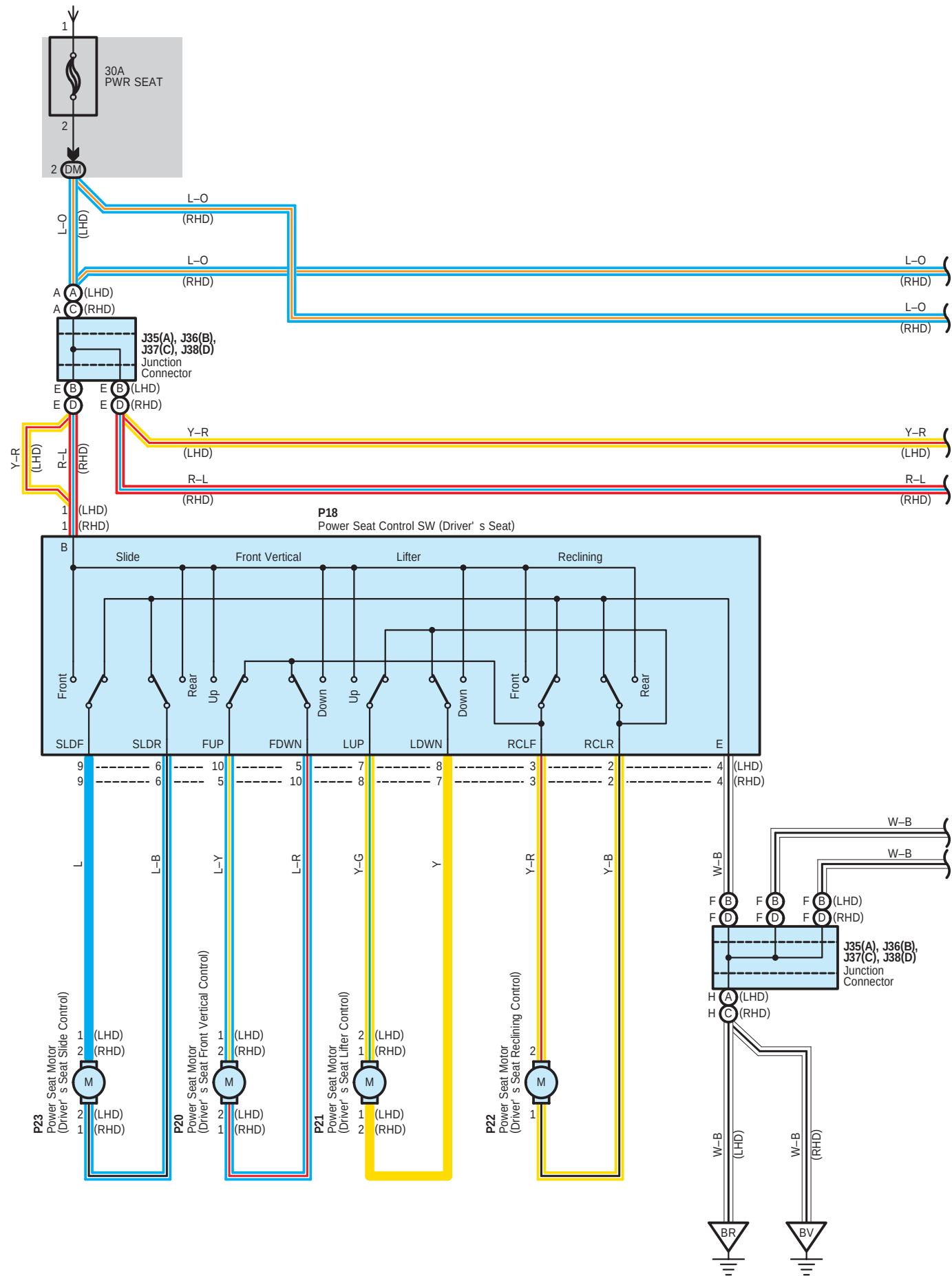
Power Outlet

From Power Source System (See Page 120)

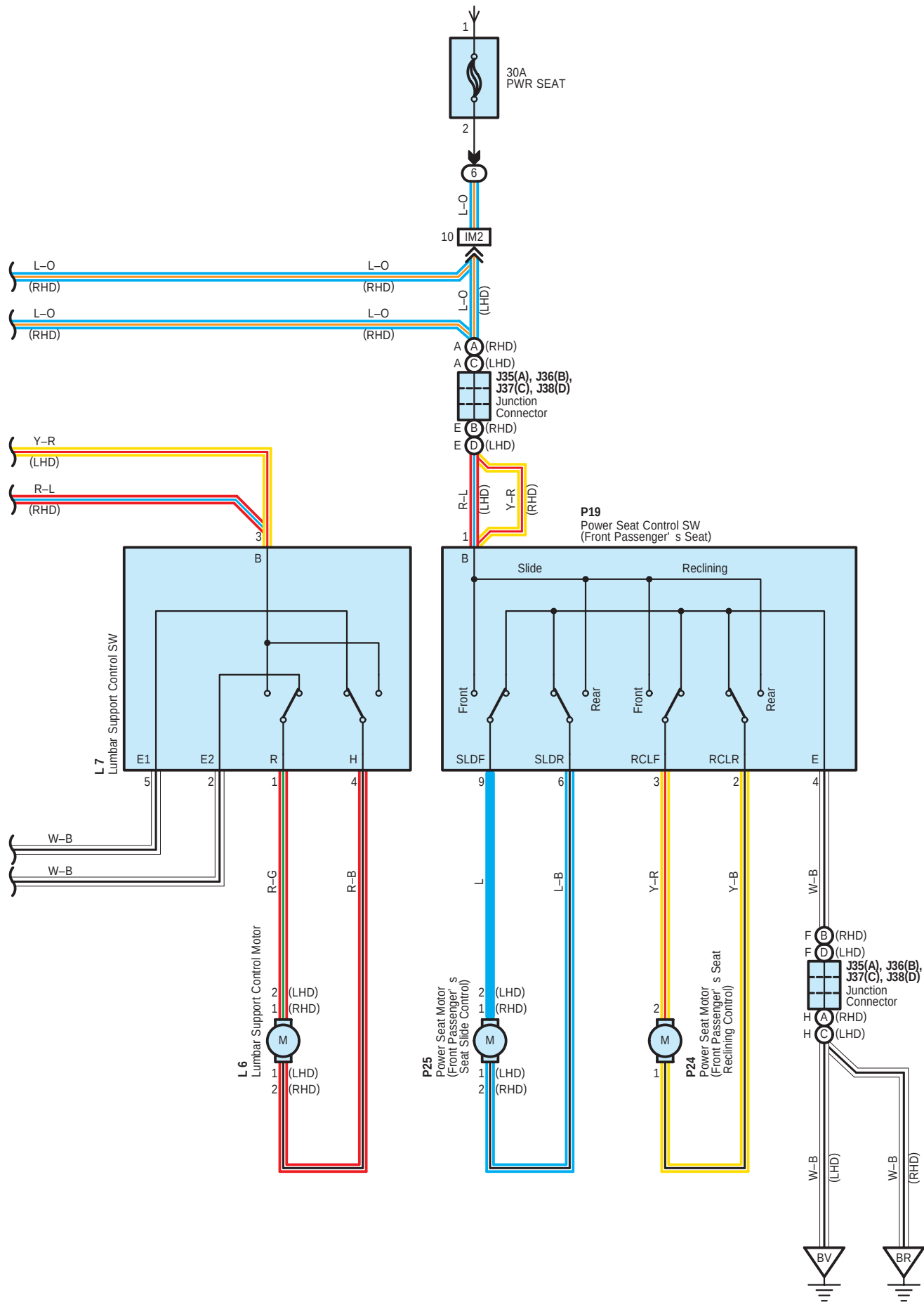


Power Seat

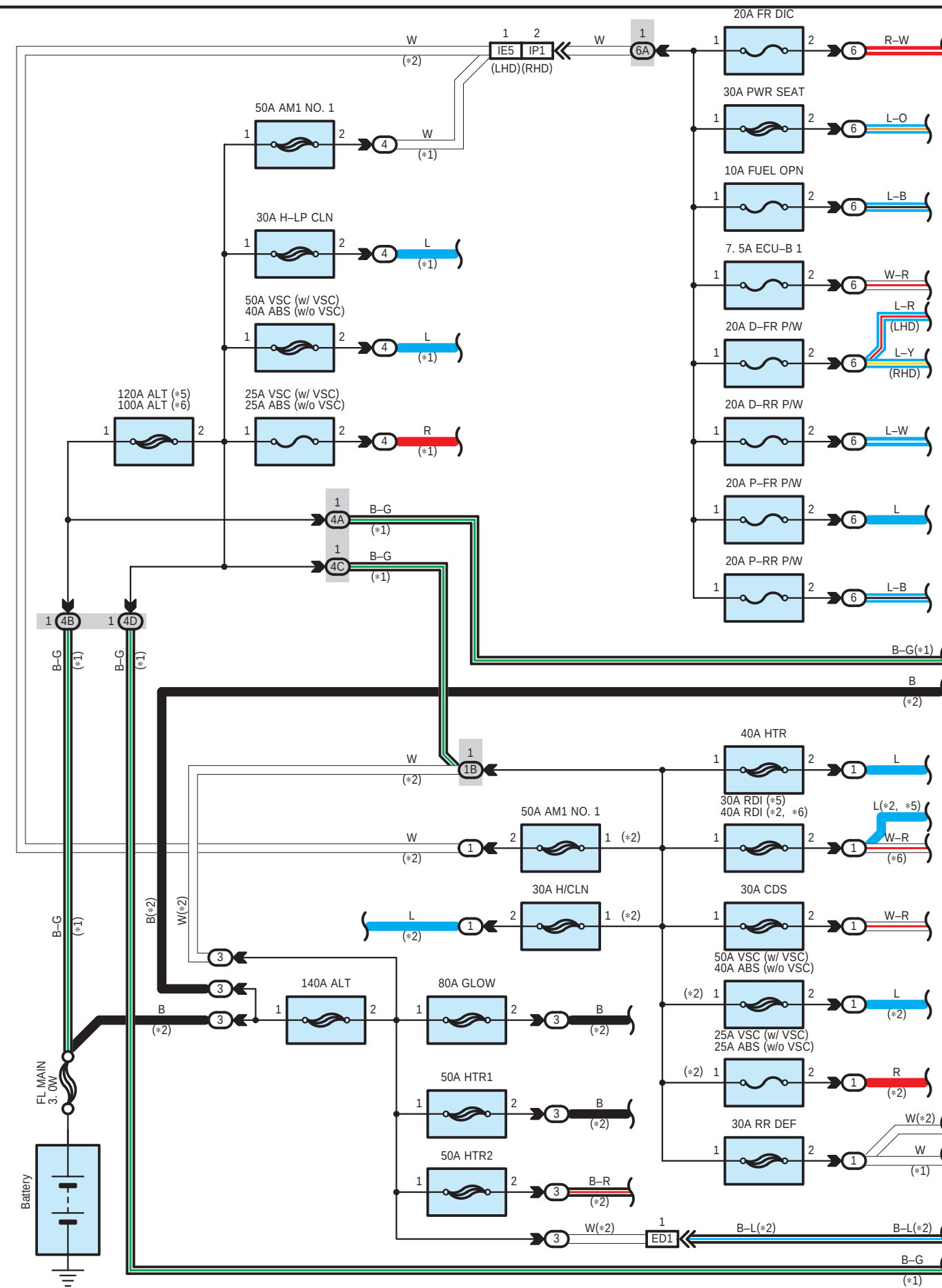
From Power Source System (See Page 120)



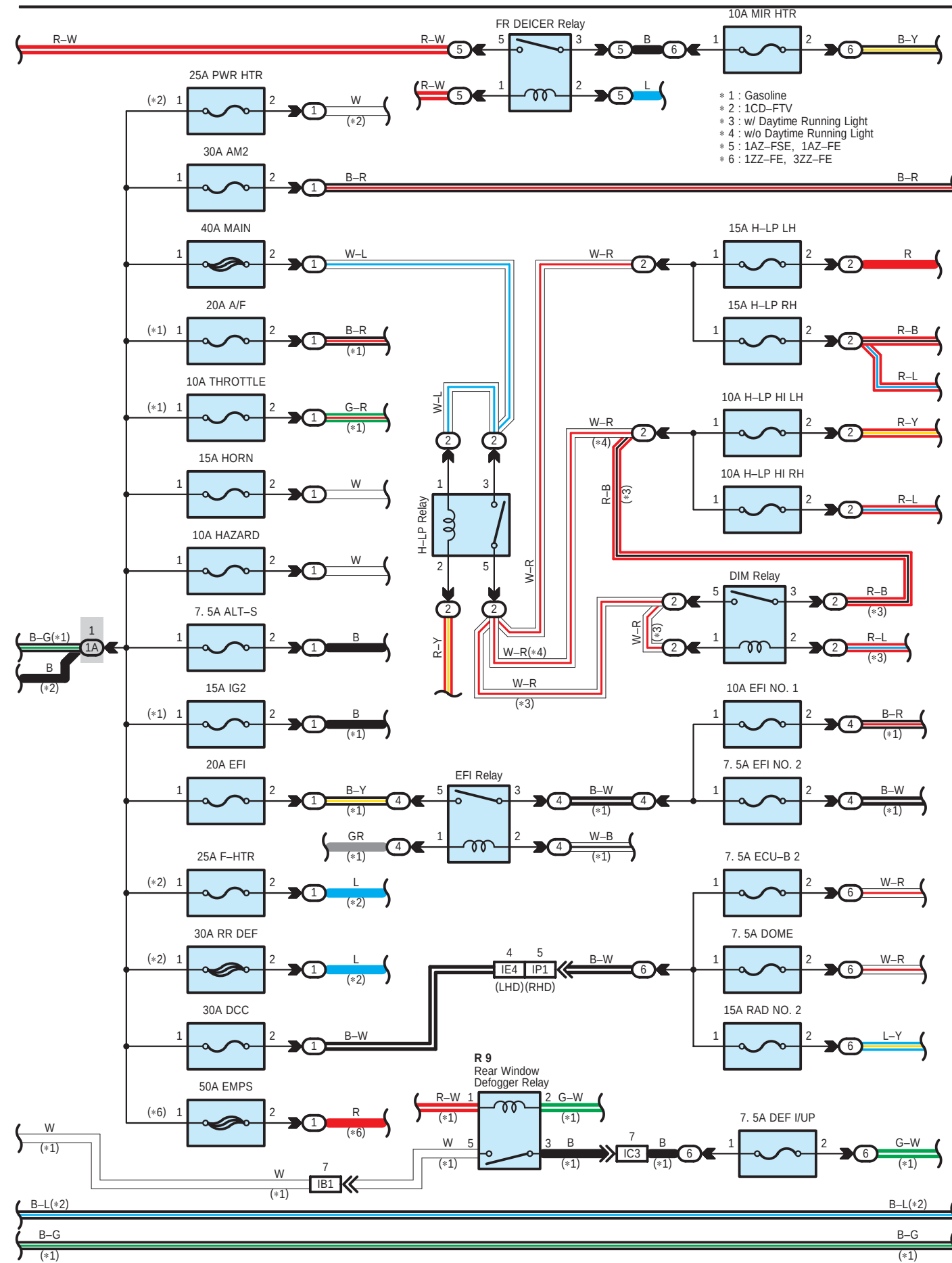
From Power Source System (See Page 120)



Power Source

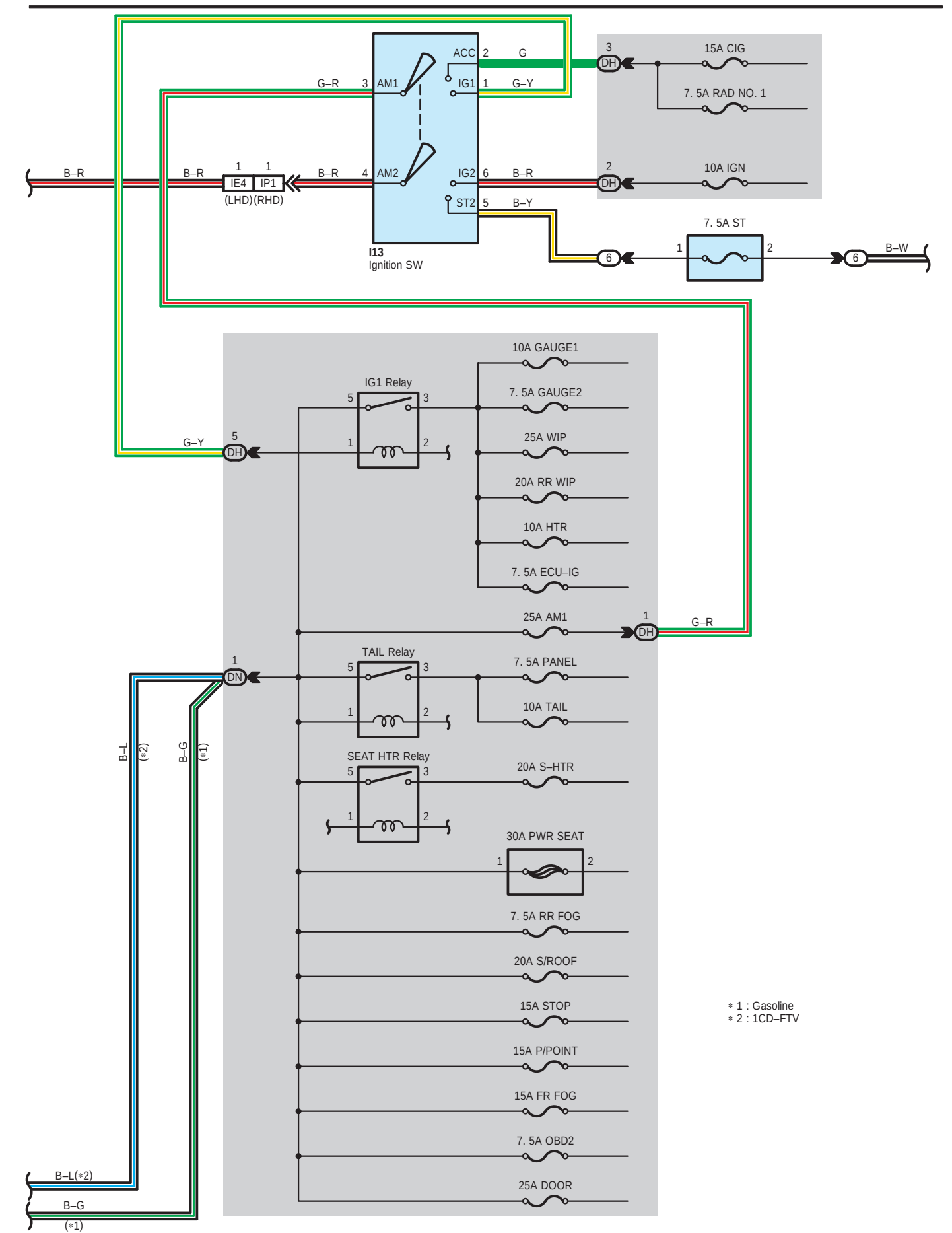


AVENSIS (EWD526E)



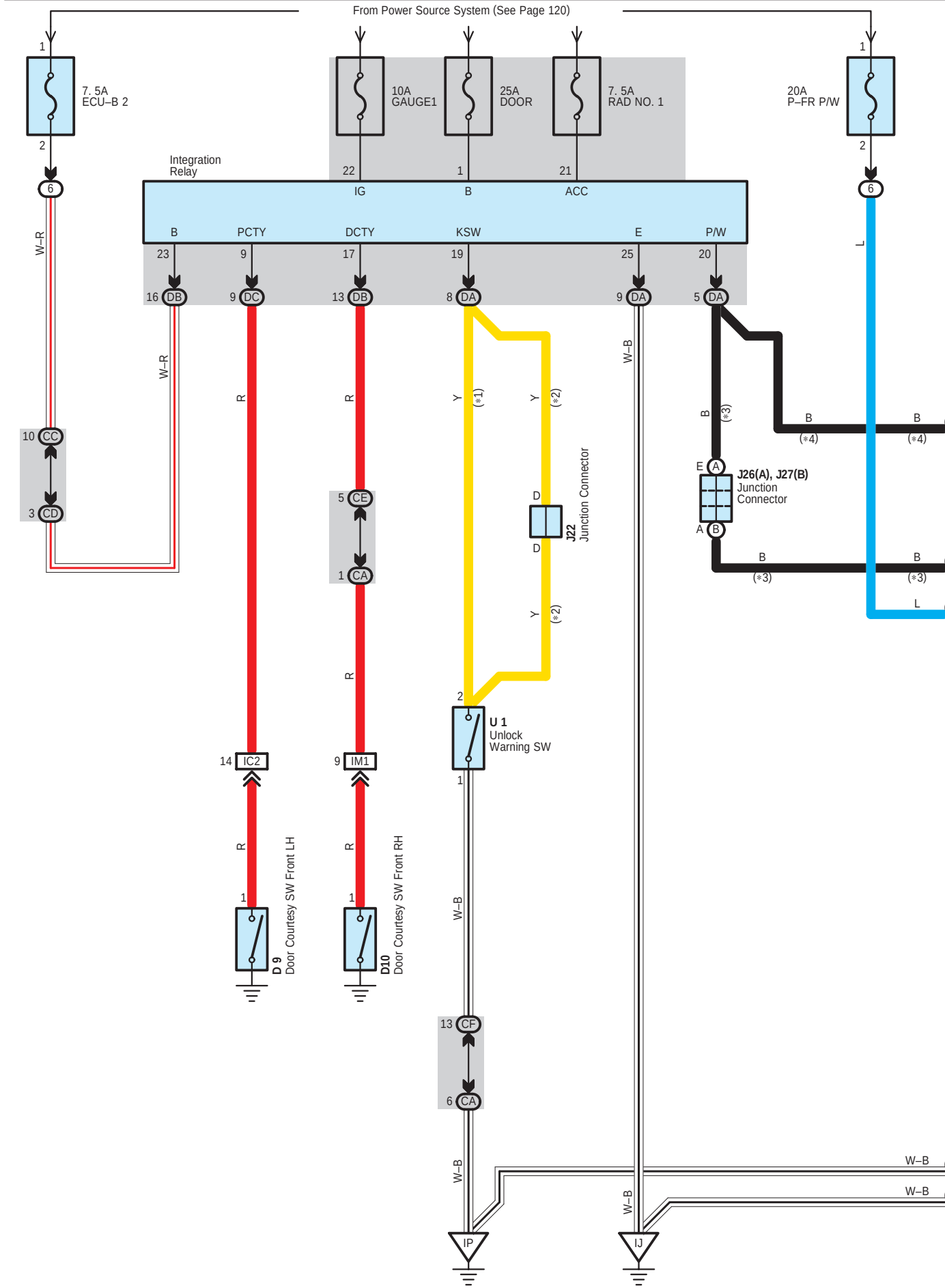
AVENSIS (EWD526E)

Power Source



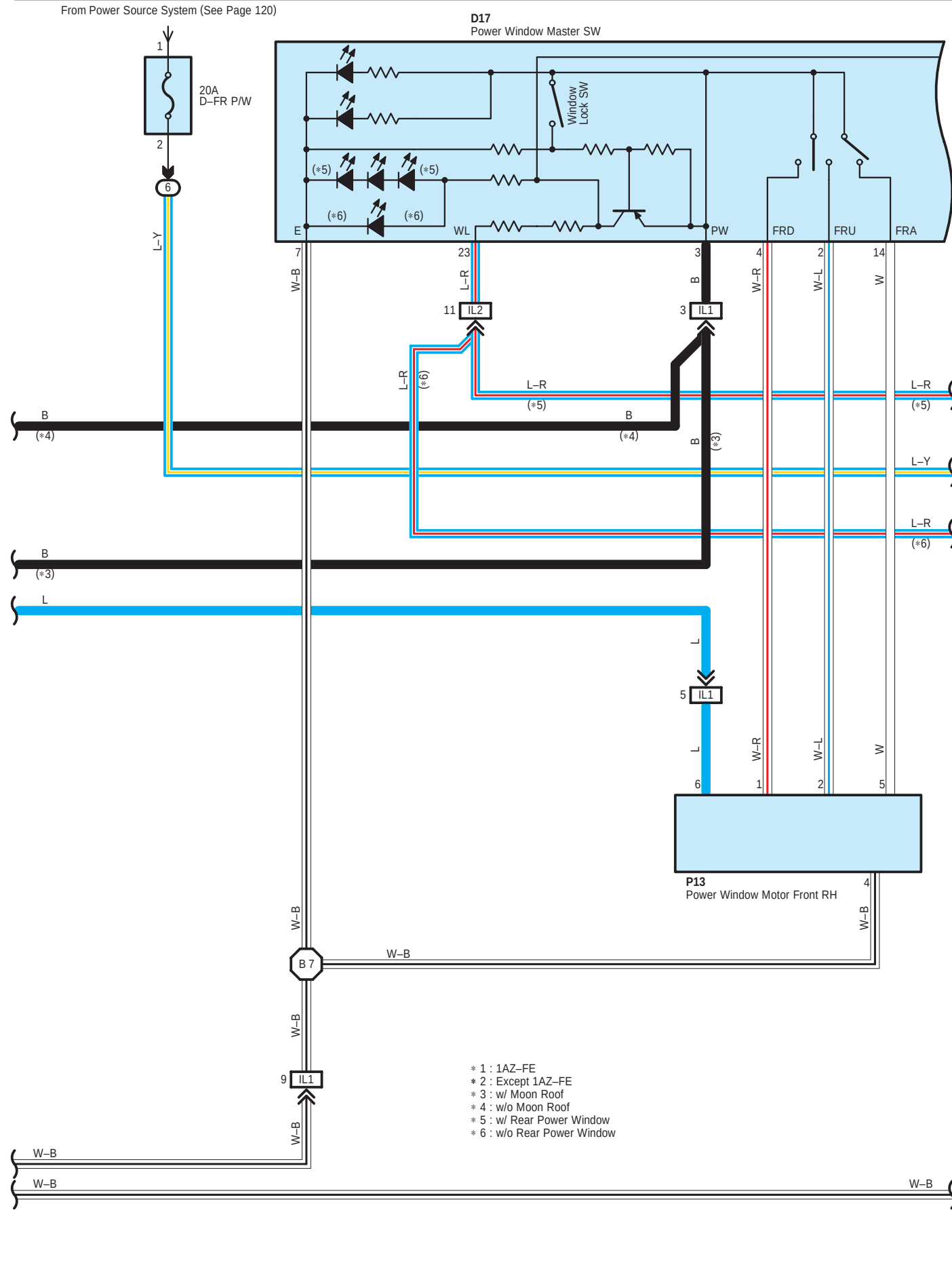
AVENSIS (EWD526E)

Power Window (RHD)



418

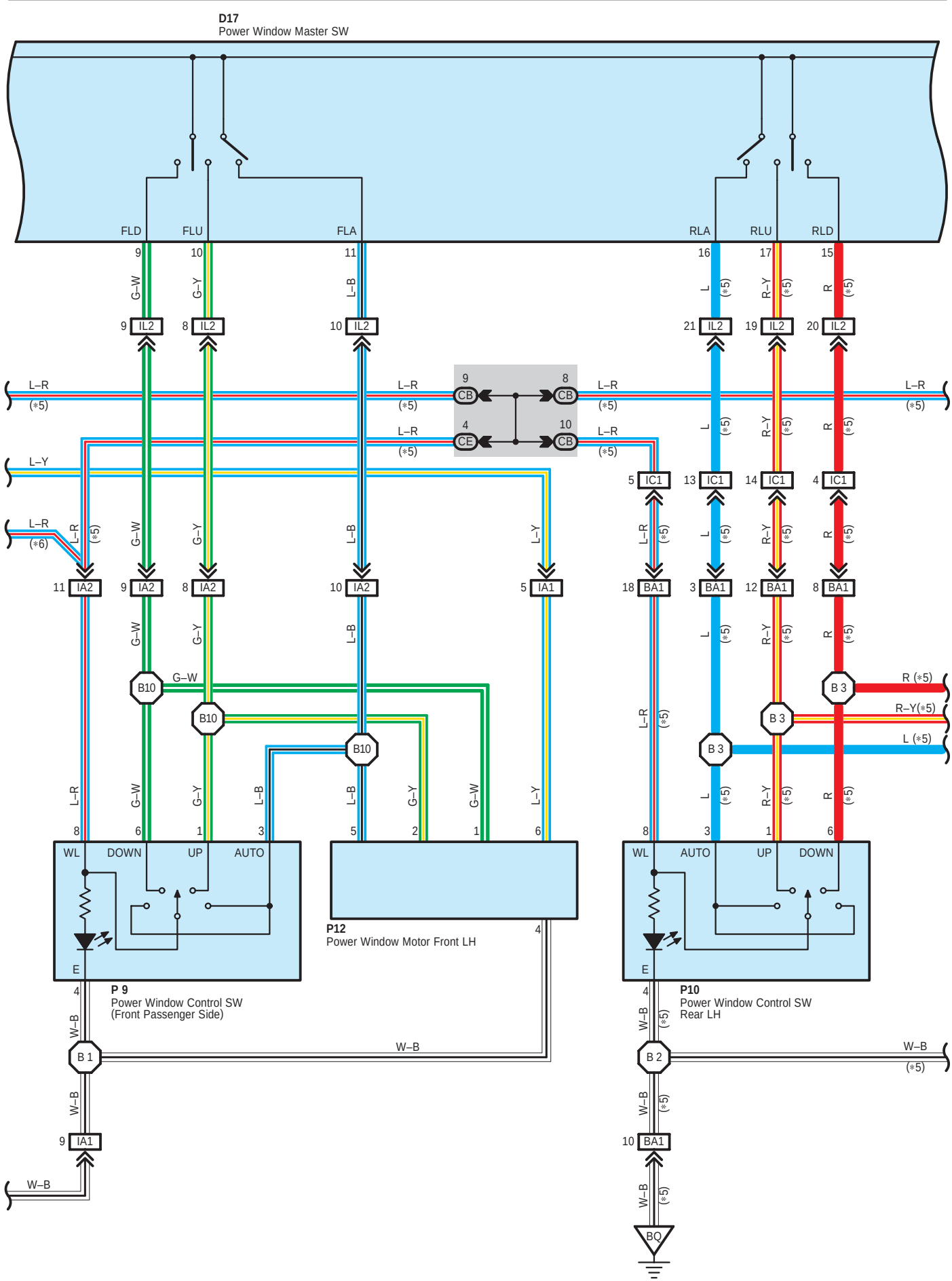
AVENSIS (EWD526E)



419

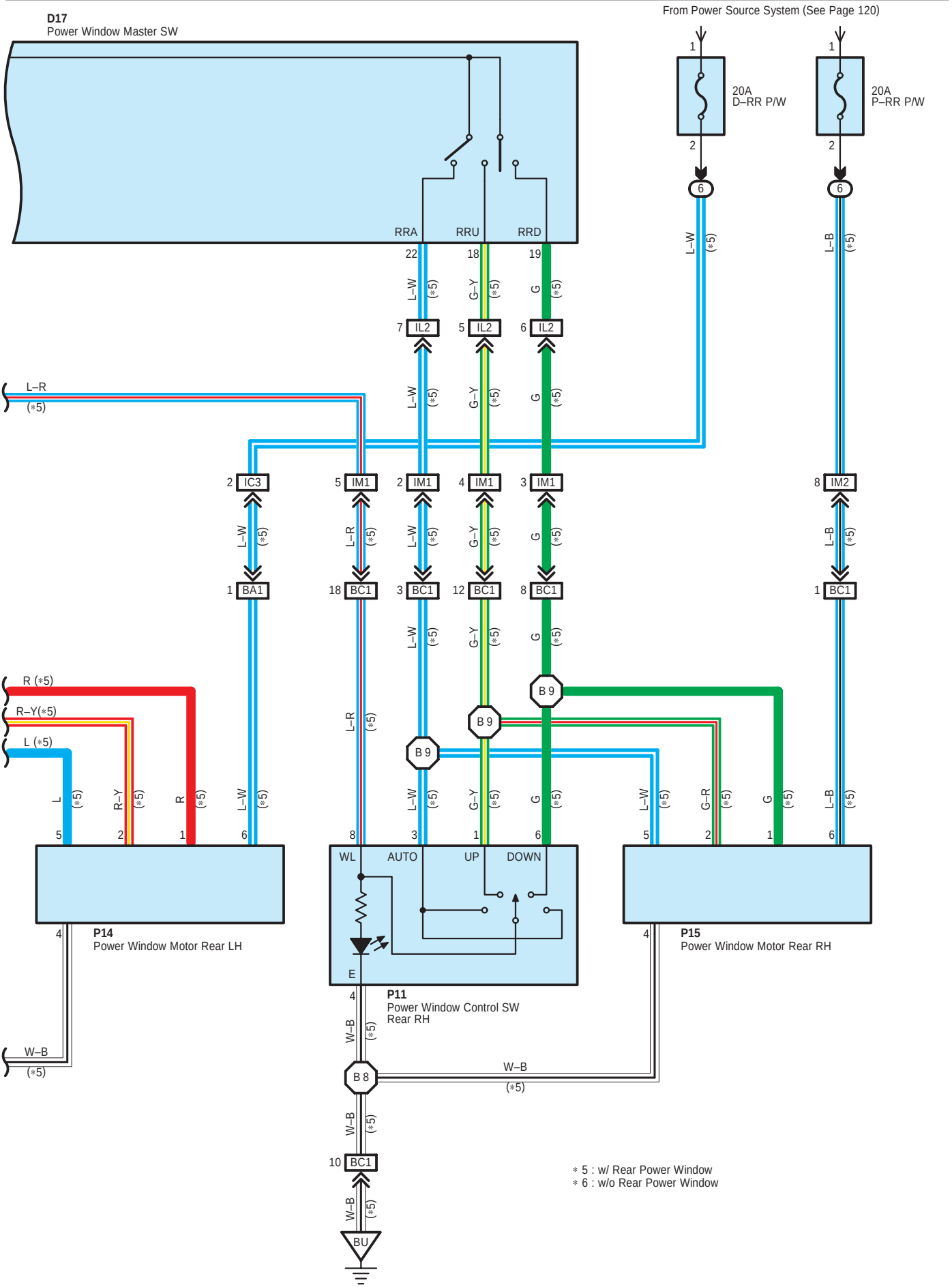
AVENSIS (EWD526E)

Power Window (RHD)



420

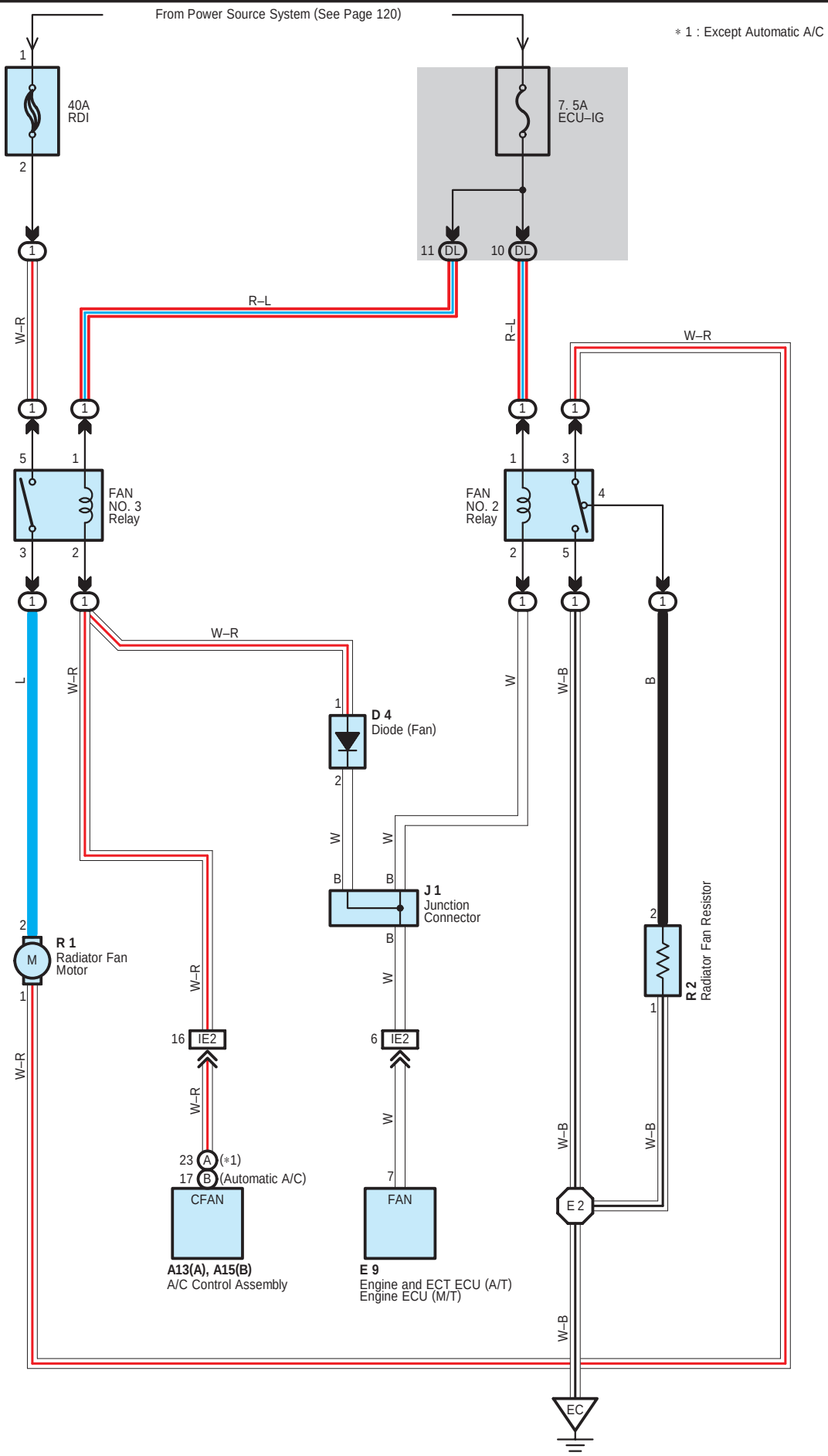
AVENSIS (EWD526E)



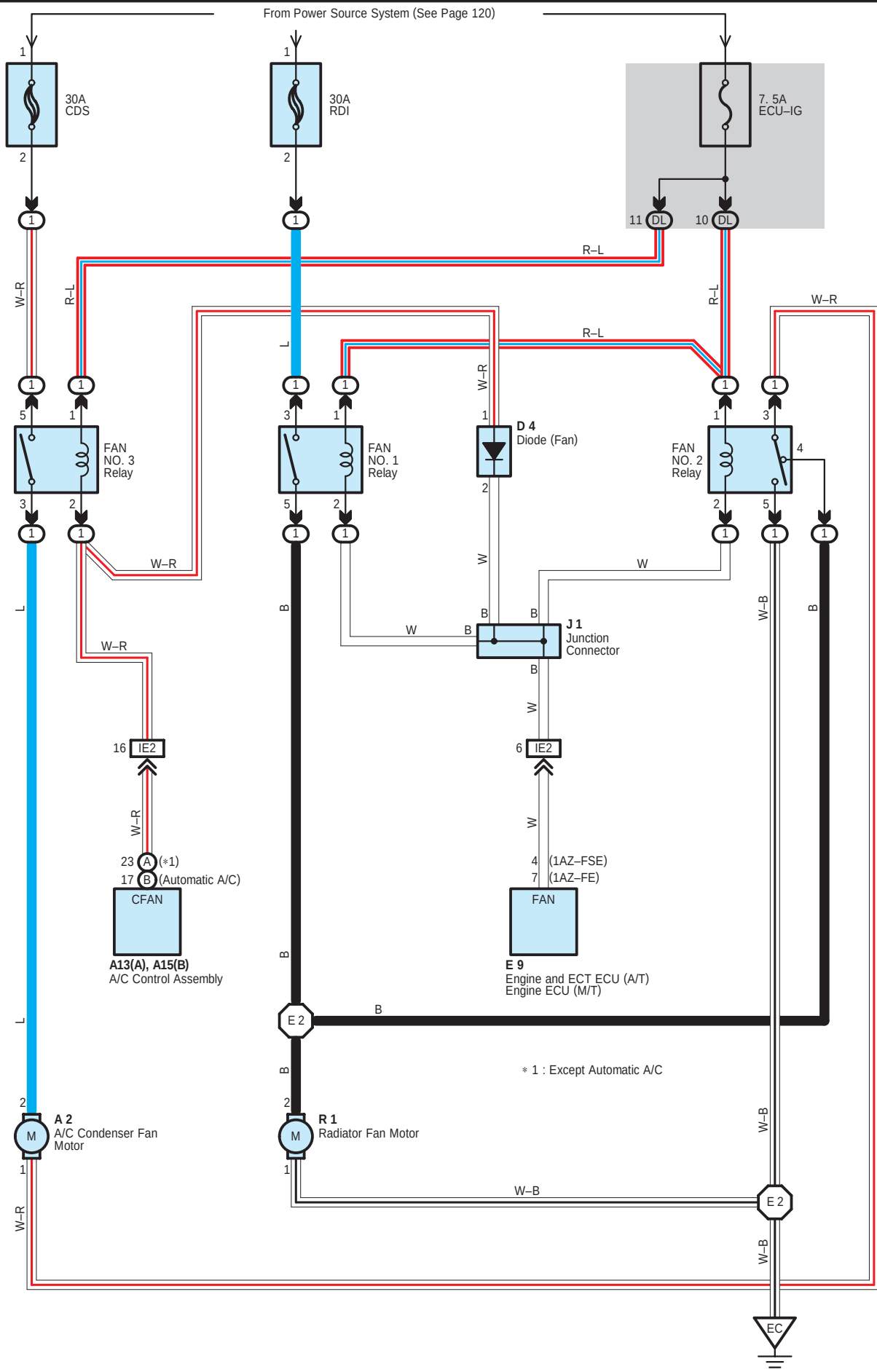
421

AVENSIS (EWD526E)

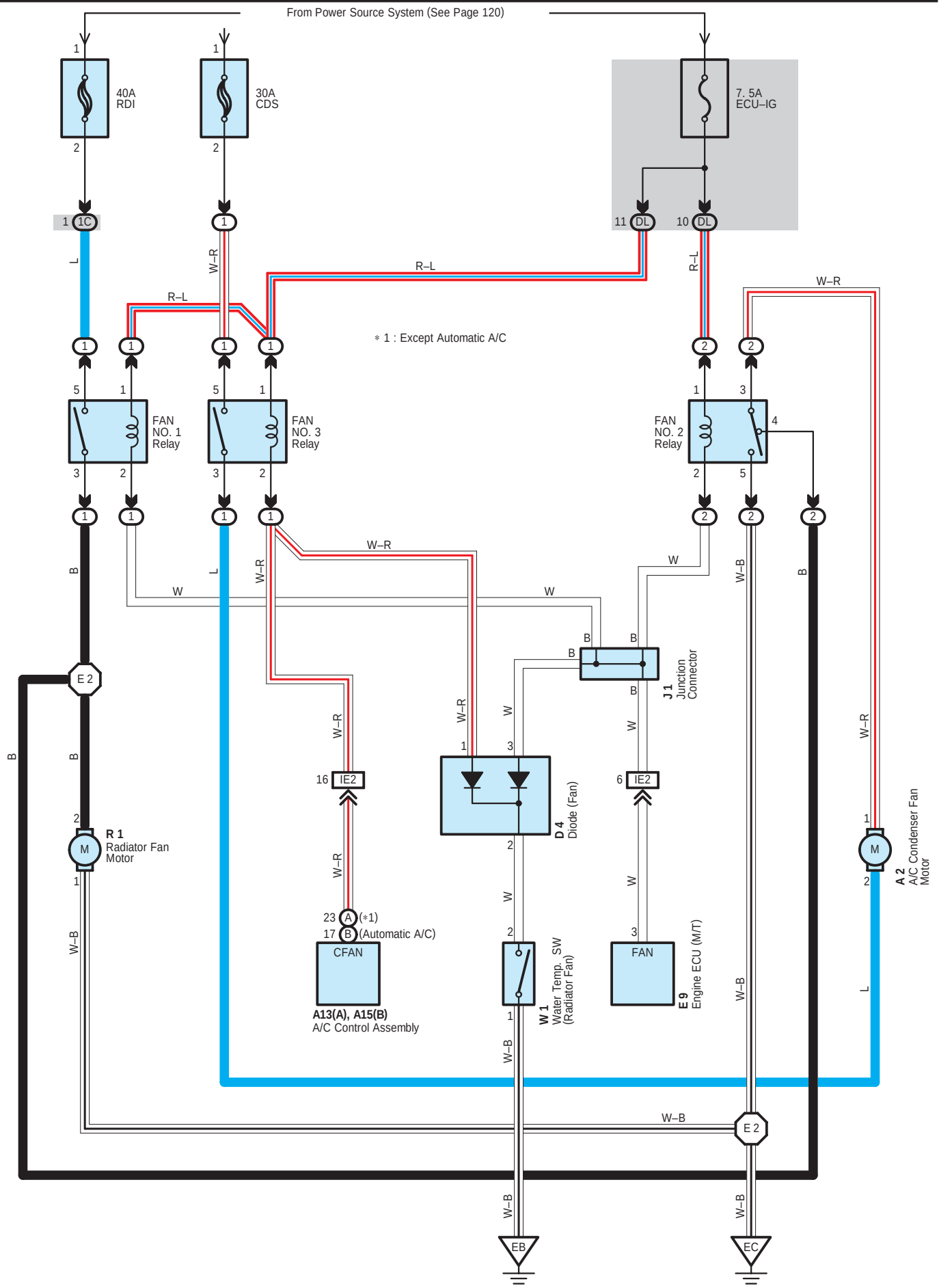
Radiator Fan (1ZZ-FE, 3ZZ-FE)



Radiator Fan and Condenser Fan (1AZ-FE, 1AZ-FSE)



Radiator Fan and Condenser Fan (1CD-FTV)

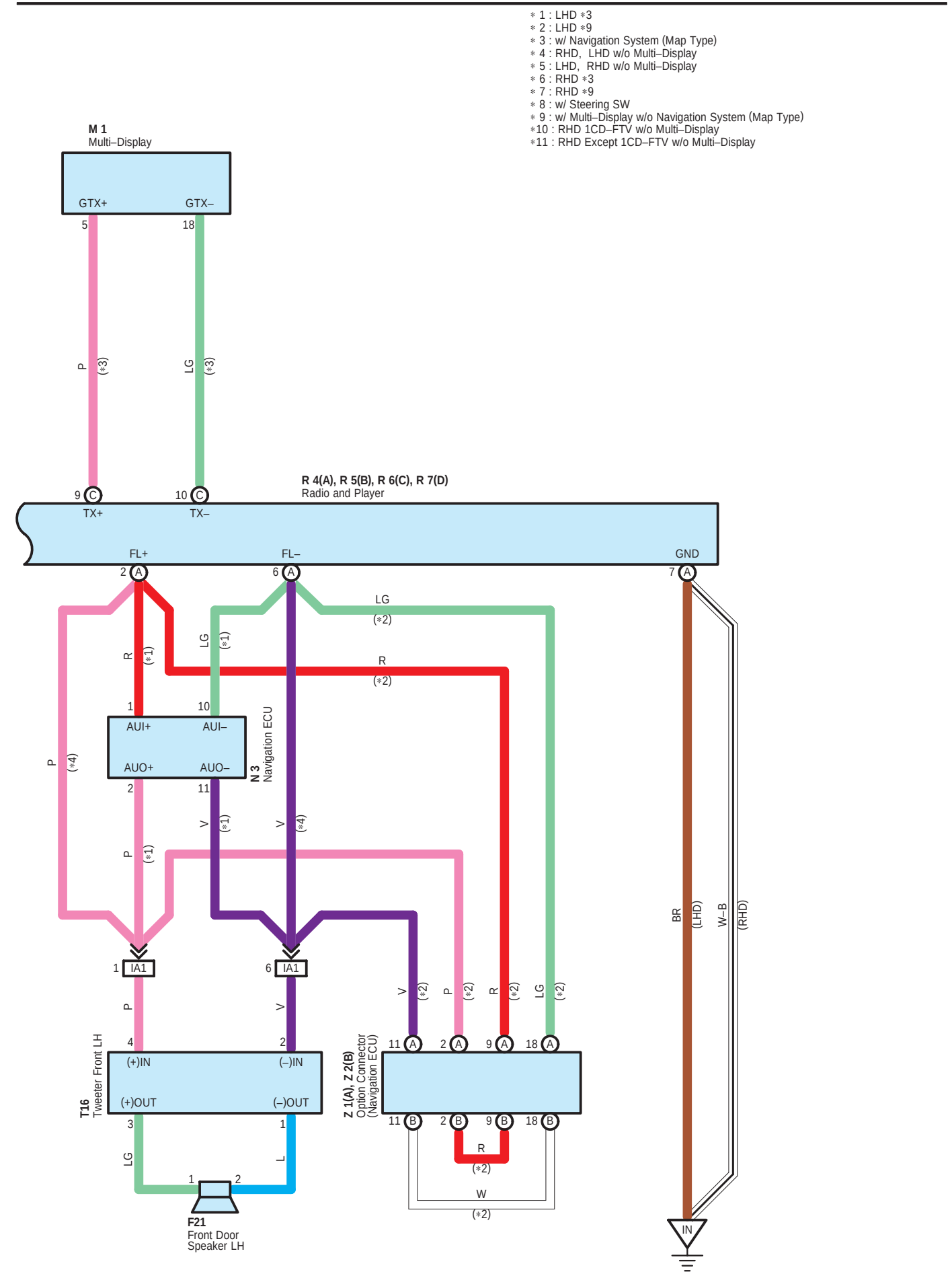


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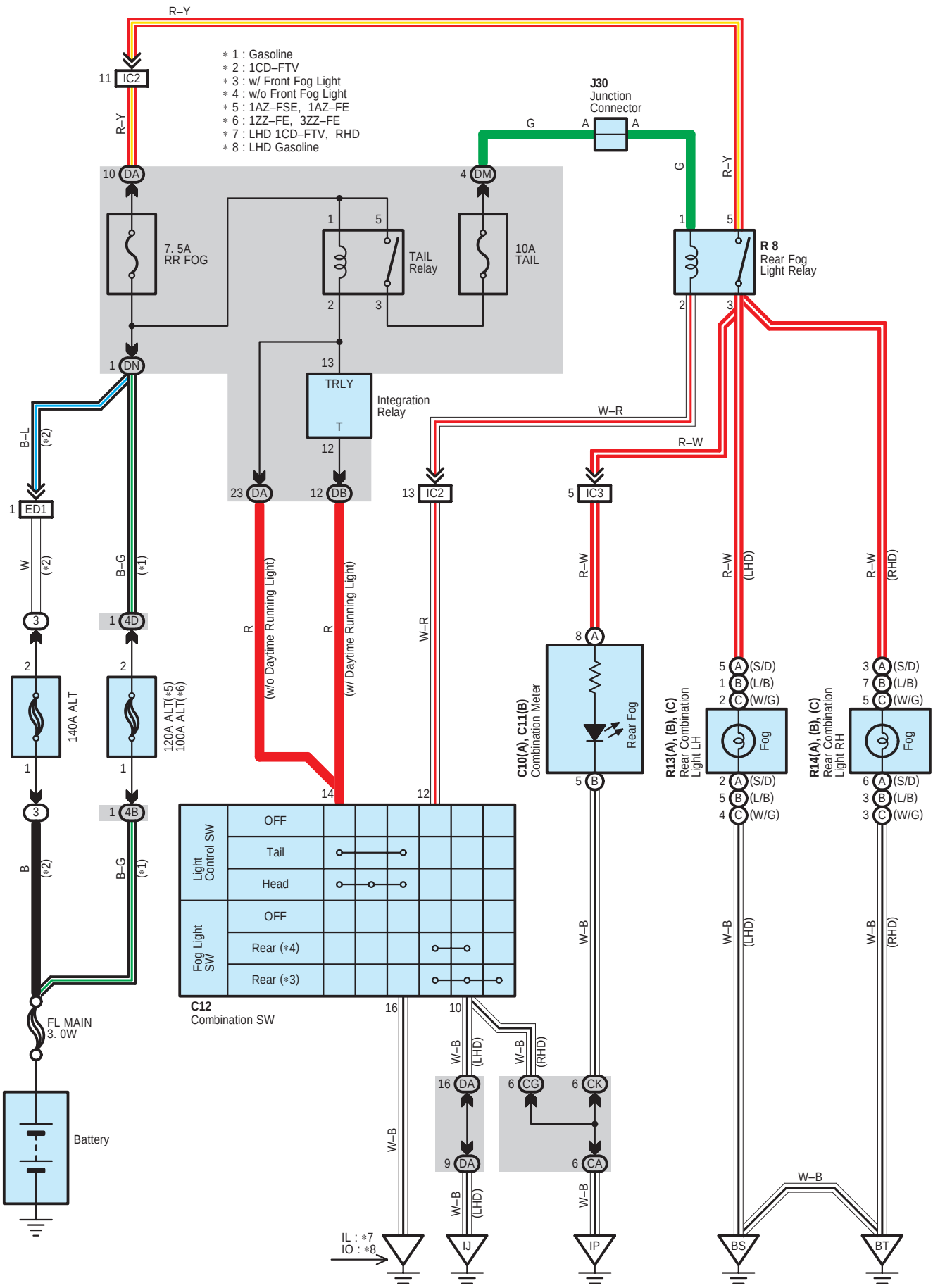
From Power Source System (See Page 120)

The diagram illustrates the electrical connections for the vehicle's audio system. It includes the following components and their connections:

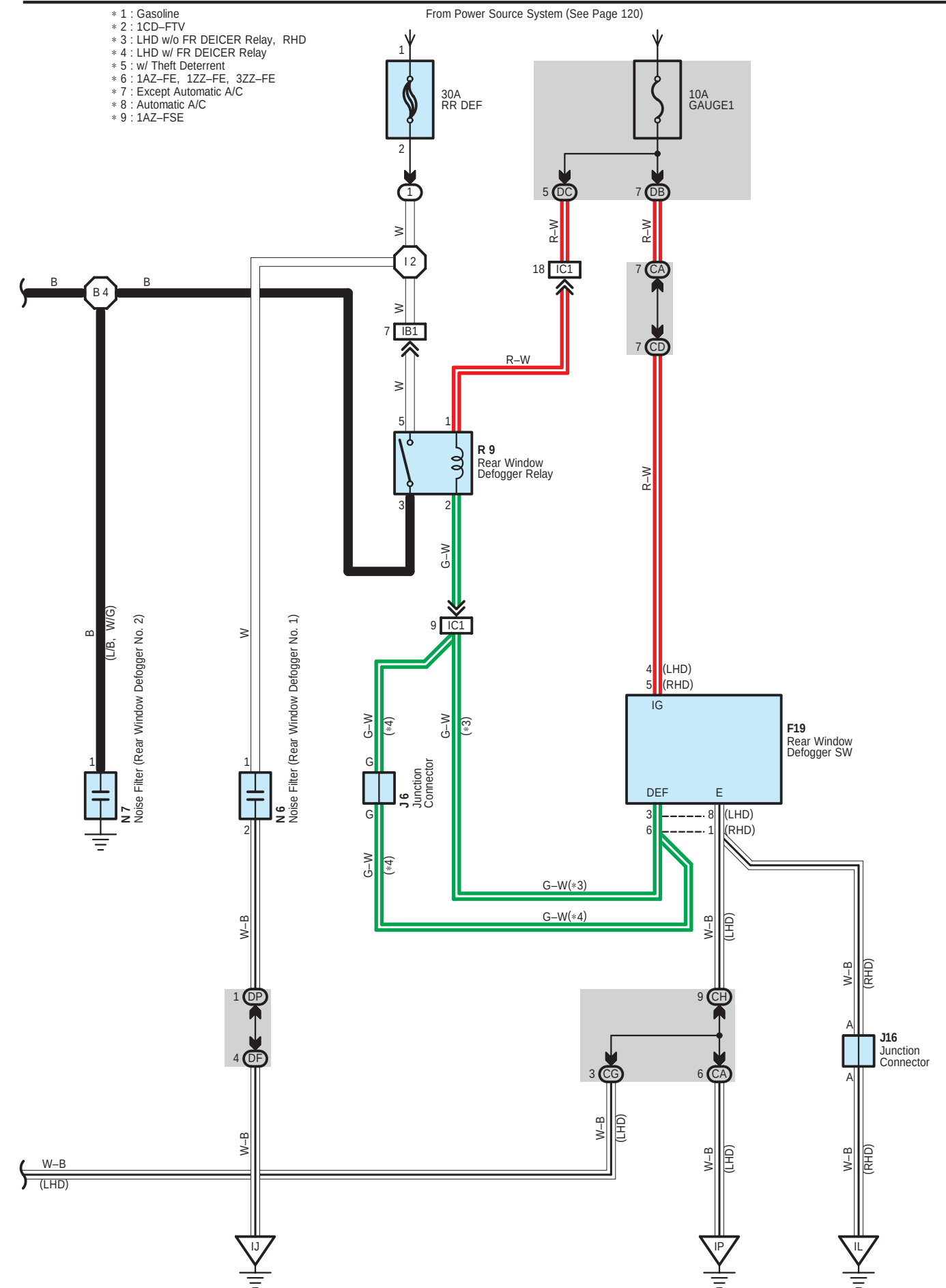
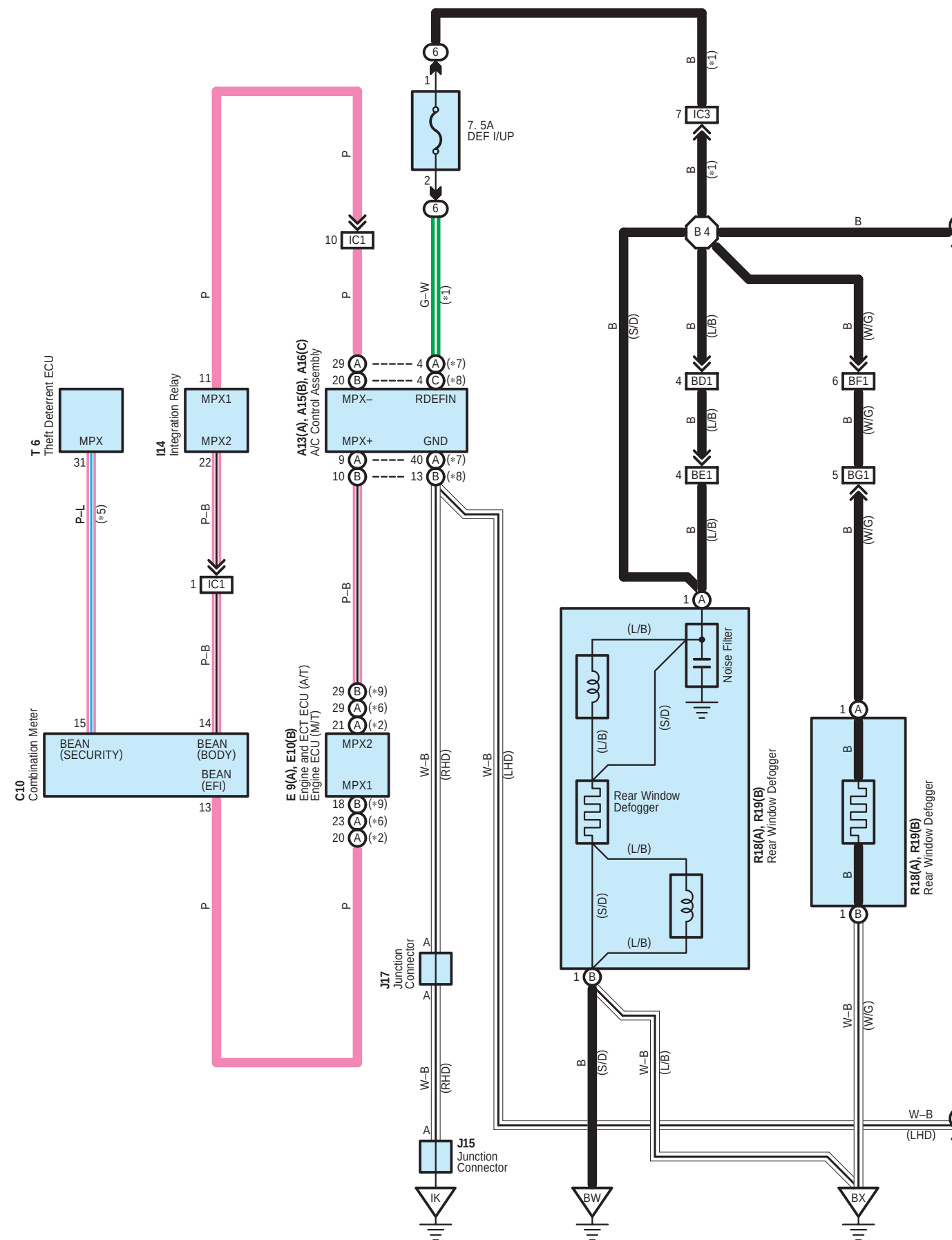
- Power Source System:** A 7.5A RAD NO. 1 fuse is connected to the ACC (A) terminal. A 15A RAD NO. 2 fuse is connected to the +B terminal.
- Radio and Player (R 4(A), R 5(B), R 6(C), R 7(D)):** The ACC (A) terminal is connected to the ANT+ (A) terminal. The +B terminal is connected to the SW1 (D) terminal. The GND (D) terminal is connected to the SW2 (D) terminal. The SW1 (D) terminal is connected to the LG (*8) terminal. The SW2 (D) terminal is connected to the P (*8) terminal.
- Antenna Amplifier (A31):** The ANT+ (A) terminal is connected to the A31 Antenna Amplifier.
- Navigation ECU (N 3):** The LG (*5) terminal is connected to the AUI+ terminal. The LG (*6) terminal is connected to the AUI- terminal. The LG (*7) terminal is connected to the AUO+ terminal. The LG (*8) terminal is connected to the AUO- terminal.
- Speakers:**
 - Front Door Speaker RH (F22):** The (+)IN terminal is connected to the LG (*5) terminal. The (-)IN terminal is connected to the LG (*6) terminal. The (+)OUT terminal is connected to the LG (*7) terminal. The (-)OUT terminal is connected to the LG (*8) terminal.
 - Rear Door Speaker RH (R16):** The (+)OUT terminal is connected to the LG (*5) terminal. The (-)OUT terminal is connected to the LG (*6) terminal. The (+)IN terminal is connected to the LG (*7) terminal. The (-)IN terminal is connected to the LG (*8) terminal.
 - Rear Door Speaker LH (R15):** The (+)OUT terminal is connected to the LG (*5) terminal. The (-)OUT terminal is connected to the LG (*6) terminal. The (+)IN terminal is connected to the LG (*7) terminal. The (-)IN terminal is connected to the LG (*8) terminal.
- Other Components:**
 - J24 Junction Connector:** The LG (*5) terminal is connected to the LG (*6) terminal. The LG (*7) terminal is connected to the LG (*8) terminal.
 - C14 Combination SW:** The LG (*5) terminal is connected to the LG (*6) terminal. The LG (*7) terminal is connected to the LG (*8) terminal.
 - Z 1(A), Z 2(B) Option Connector (Navigation ECU):** The LG (*5) terminal is connected to the LG (*6) terminal. The LG (*7) terminal is connected to the LG (*8) terminal.



Rear Fog Light

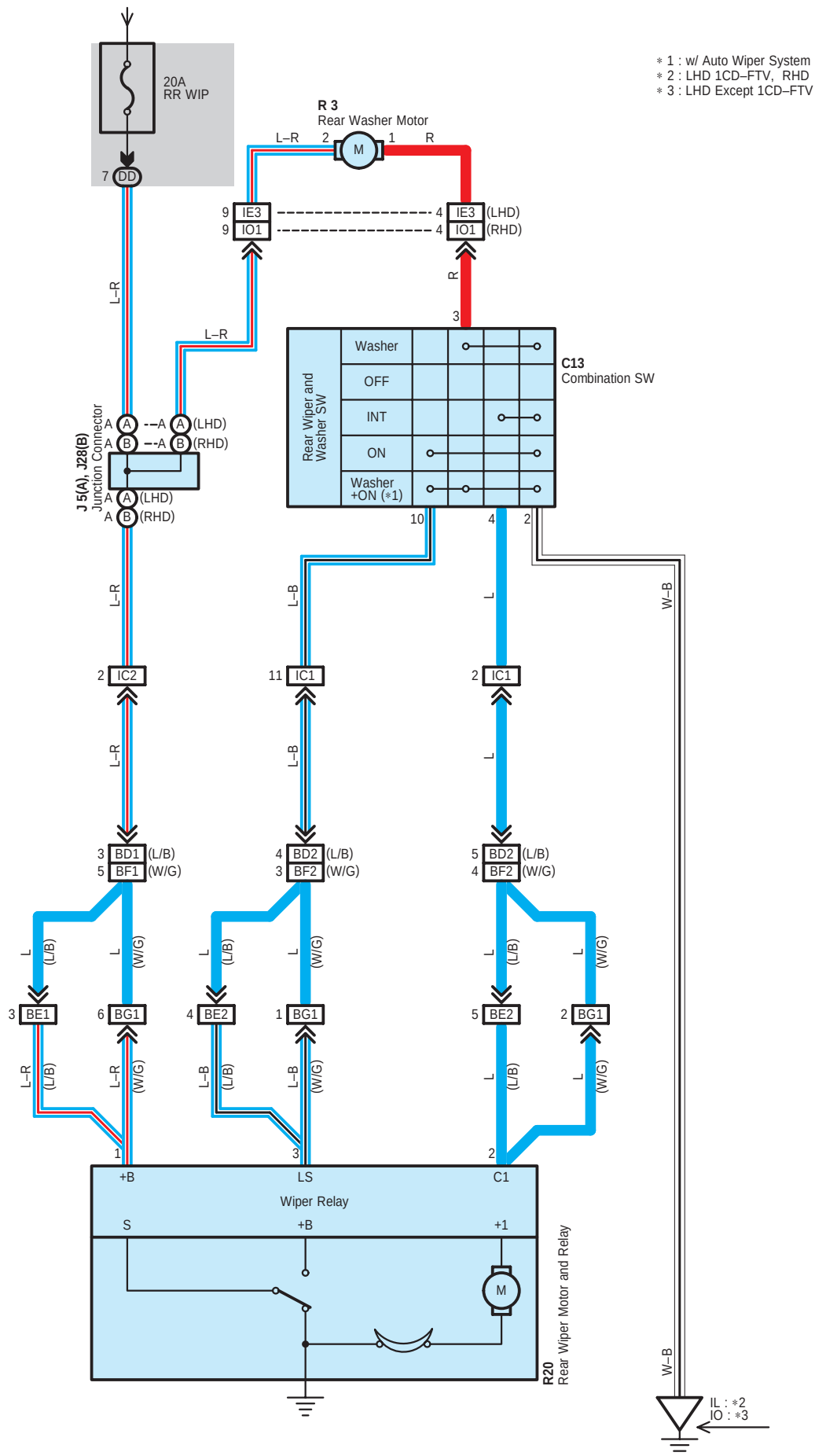


Rear Window Defogger



Rear Wiper and Washer

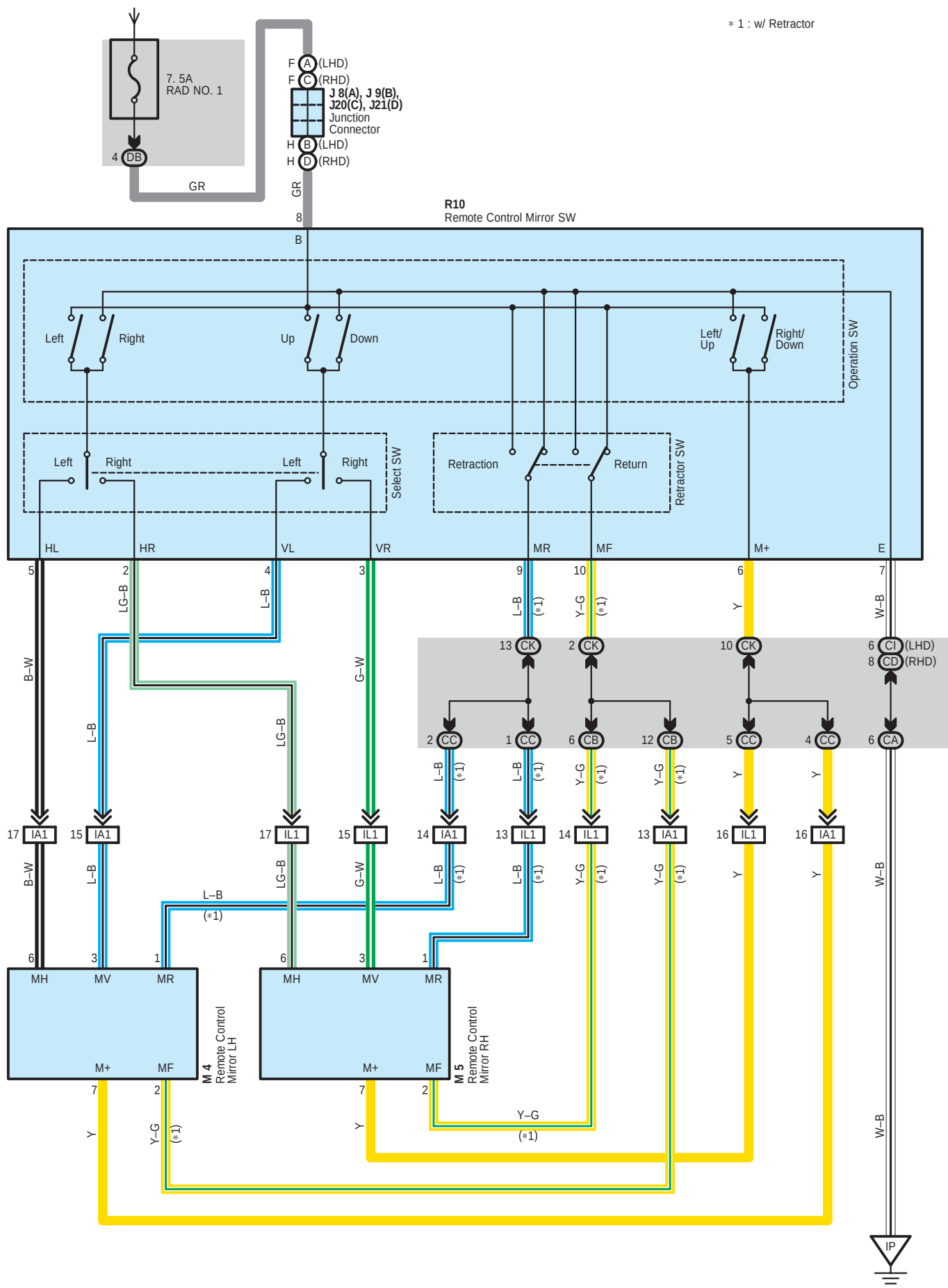
From Power Source System (See Page 120)



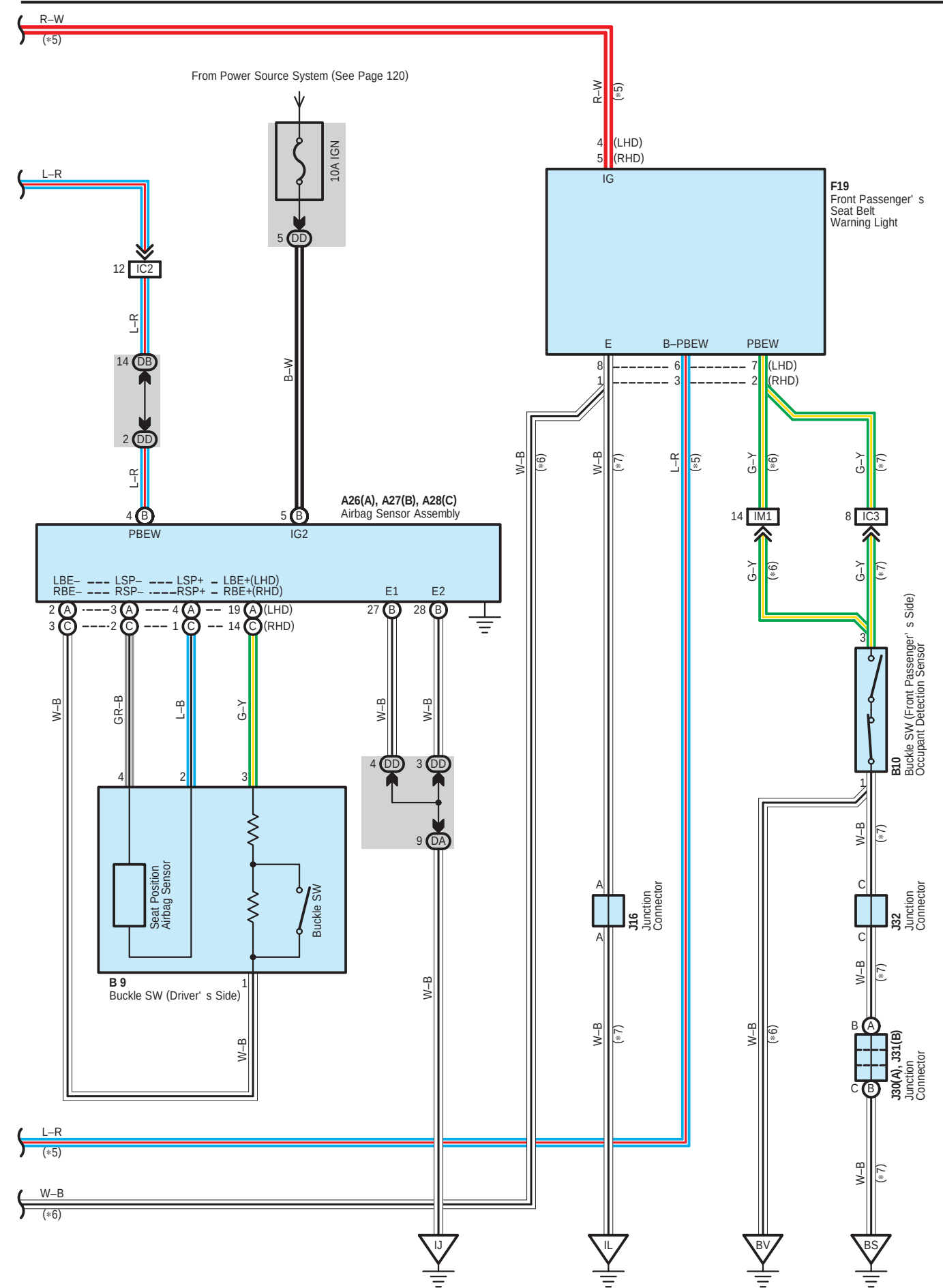
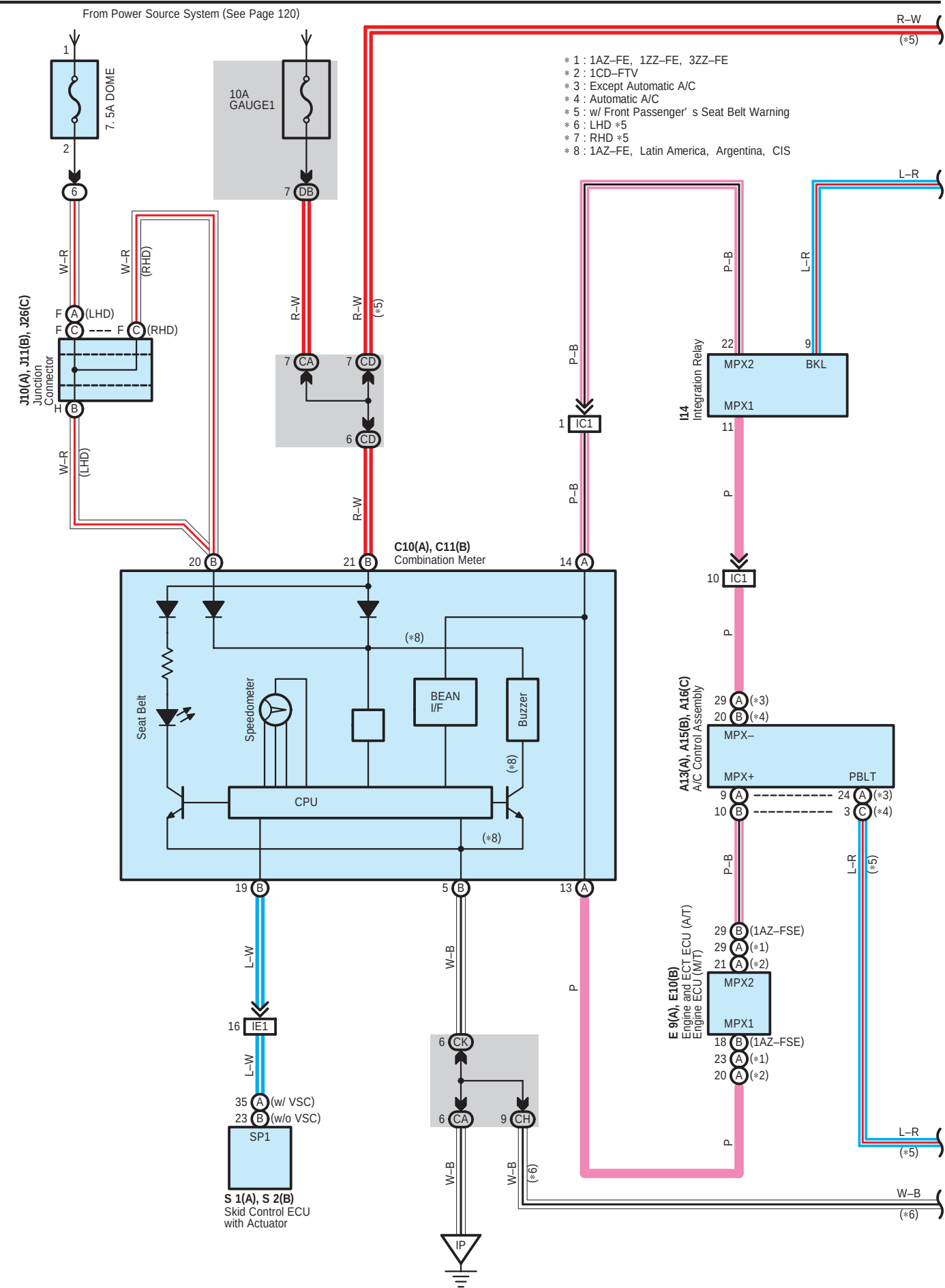
Remote Control Mirror

From Power Source System (See Page 120)

* 1 : w/ Retractor

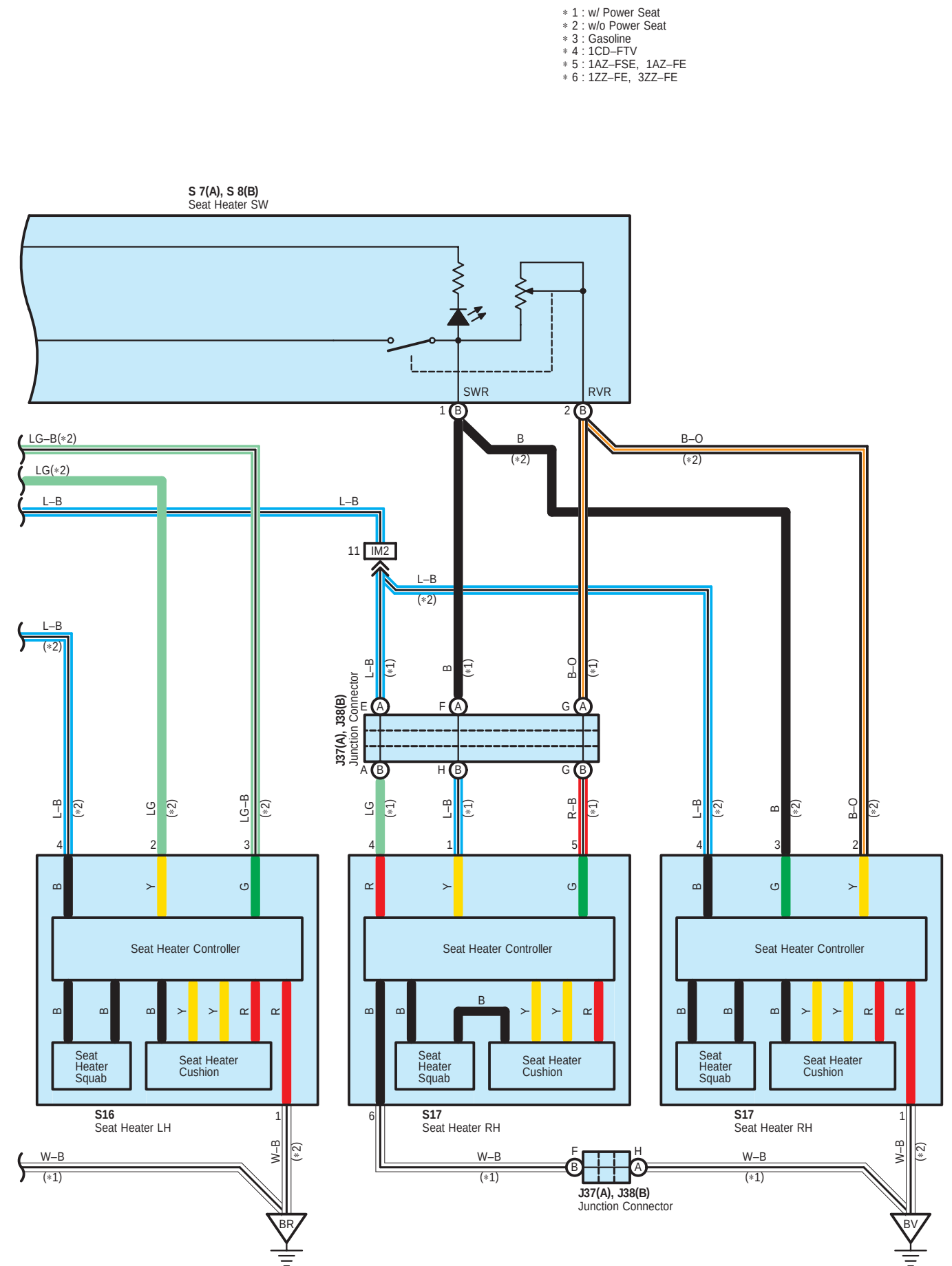
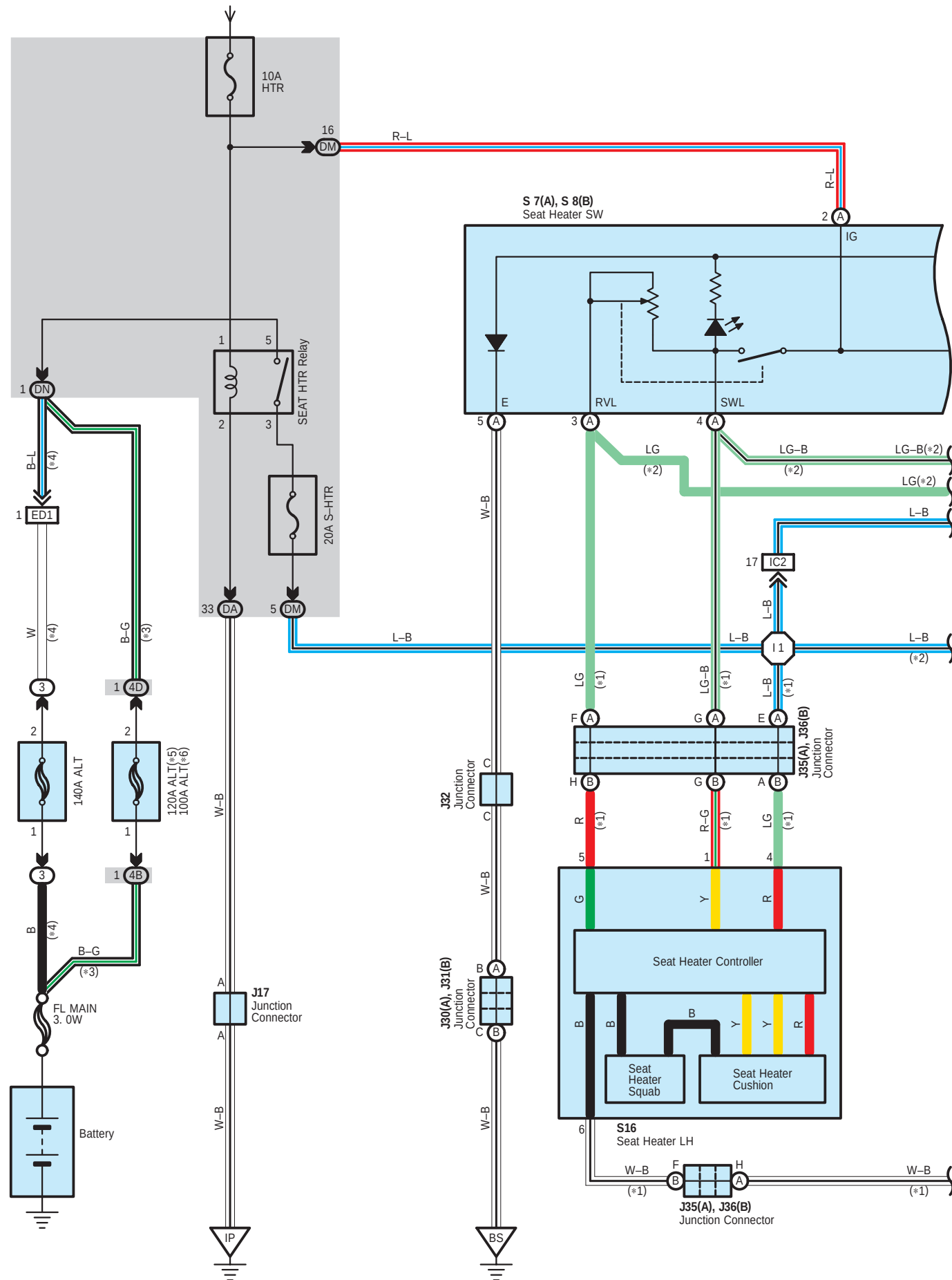


Seat Belt Warning



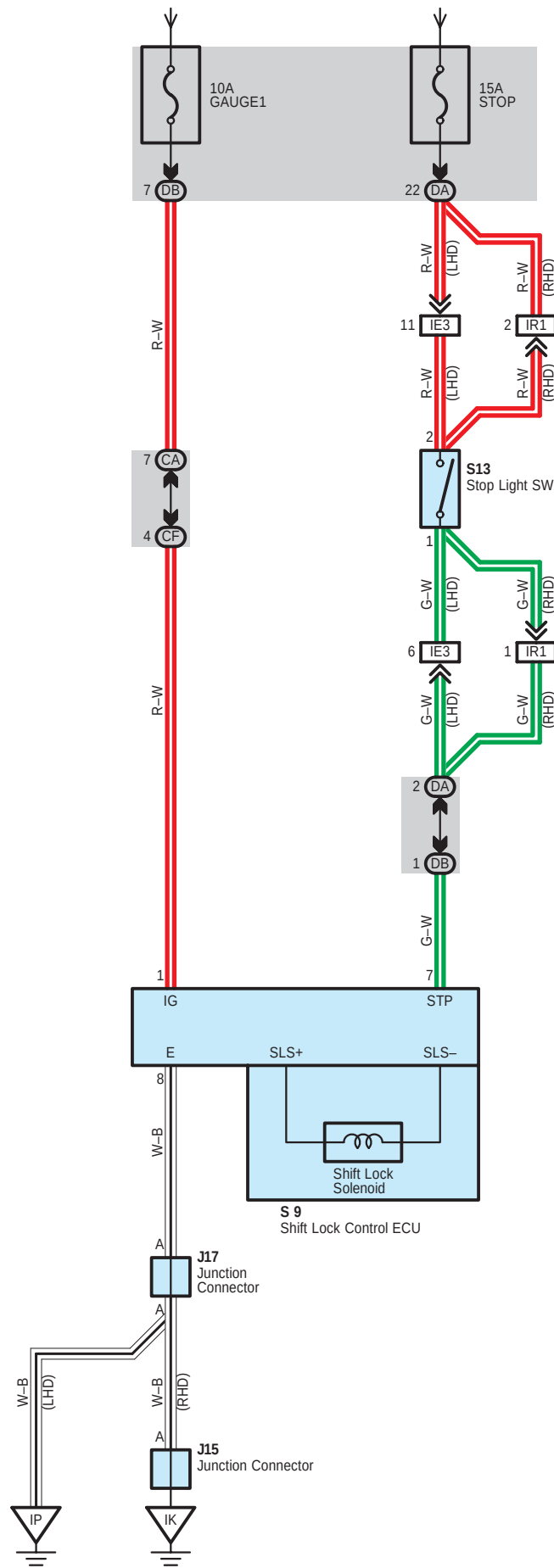
Seat Heater

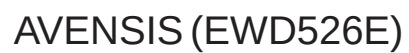
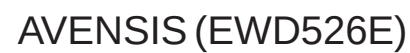
From Power Source System (See Page 120)

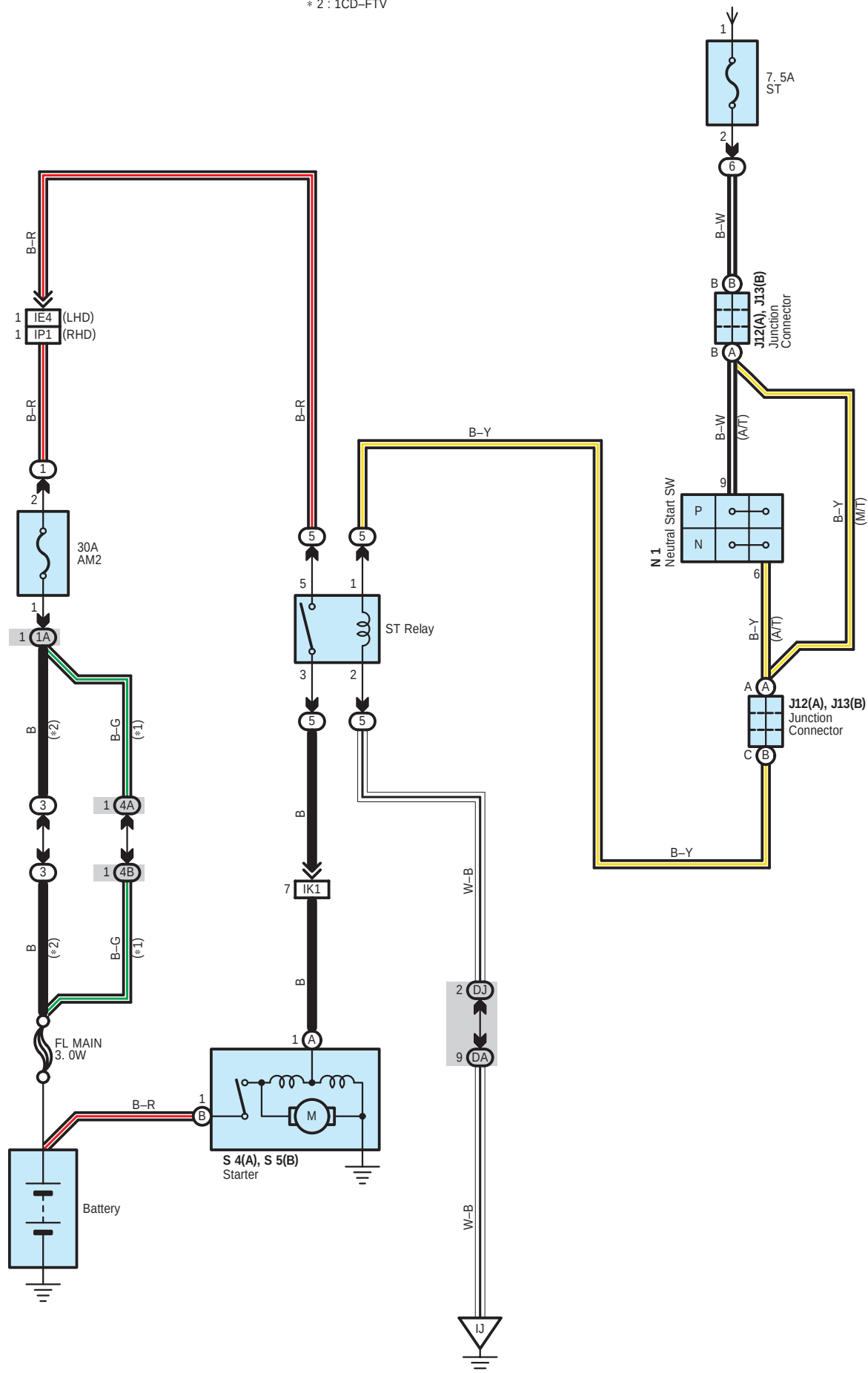


Shift Lock

From Power Source System (See Page 120)

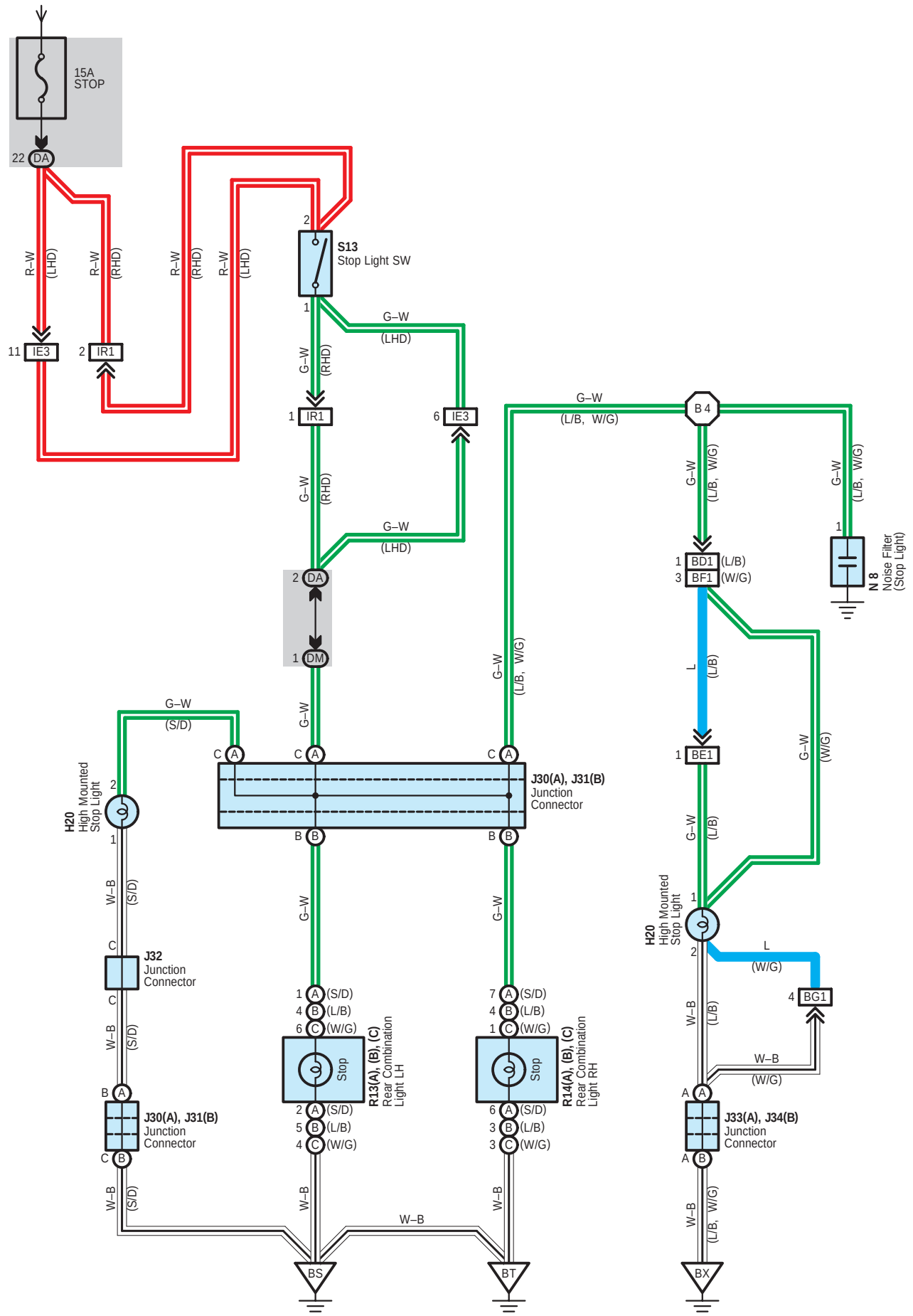




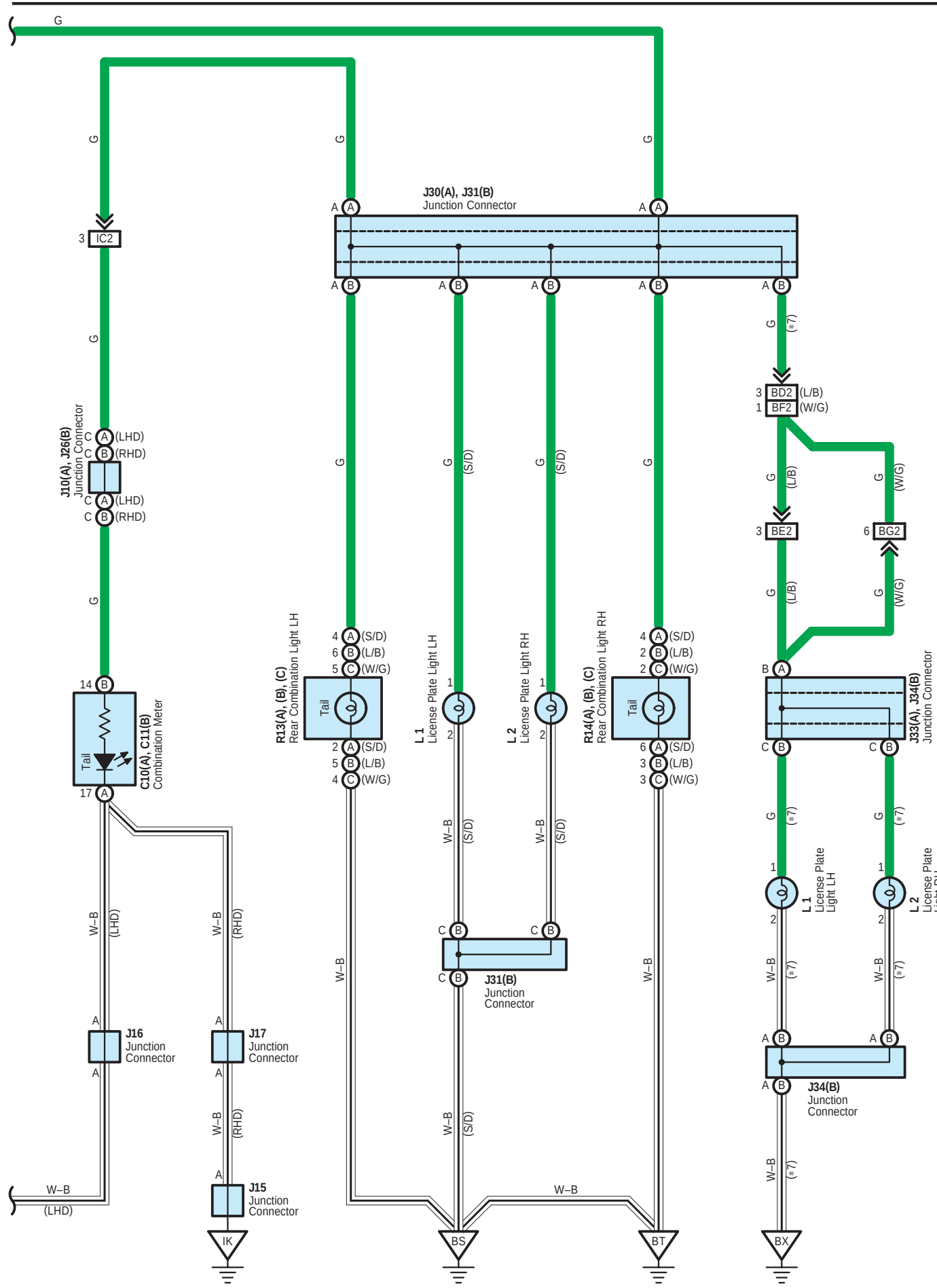
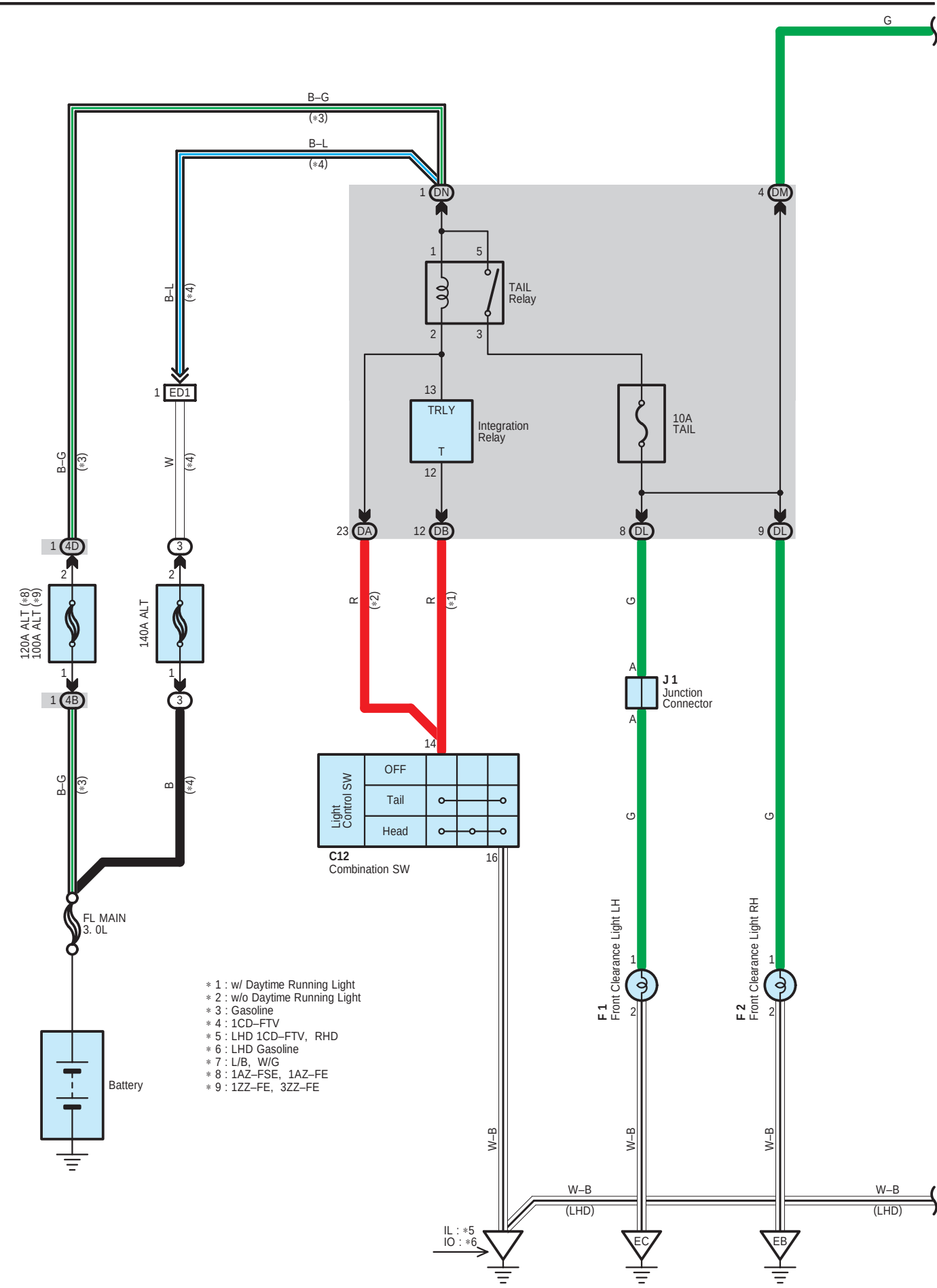


Stop Light

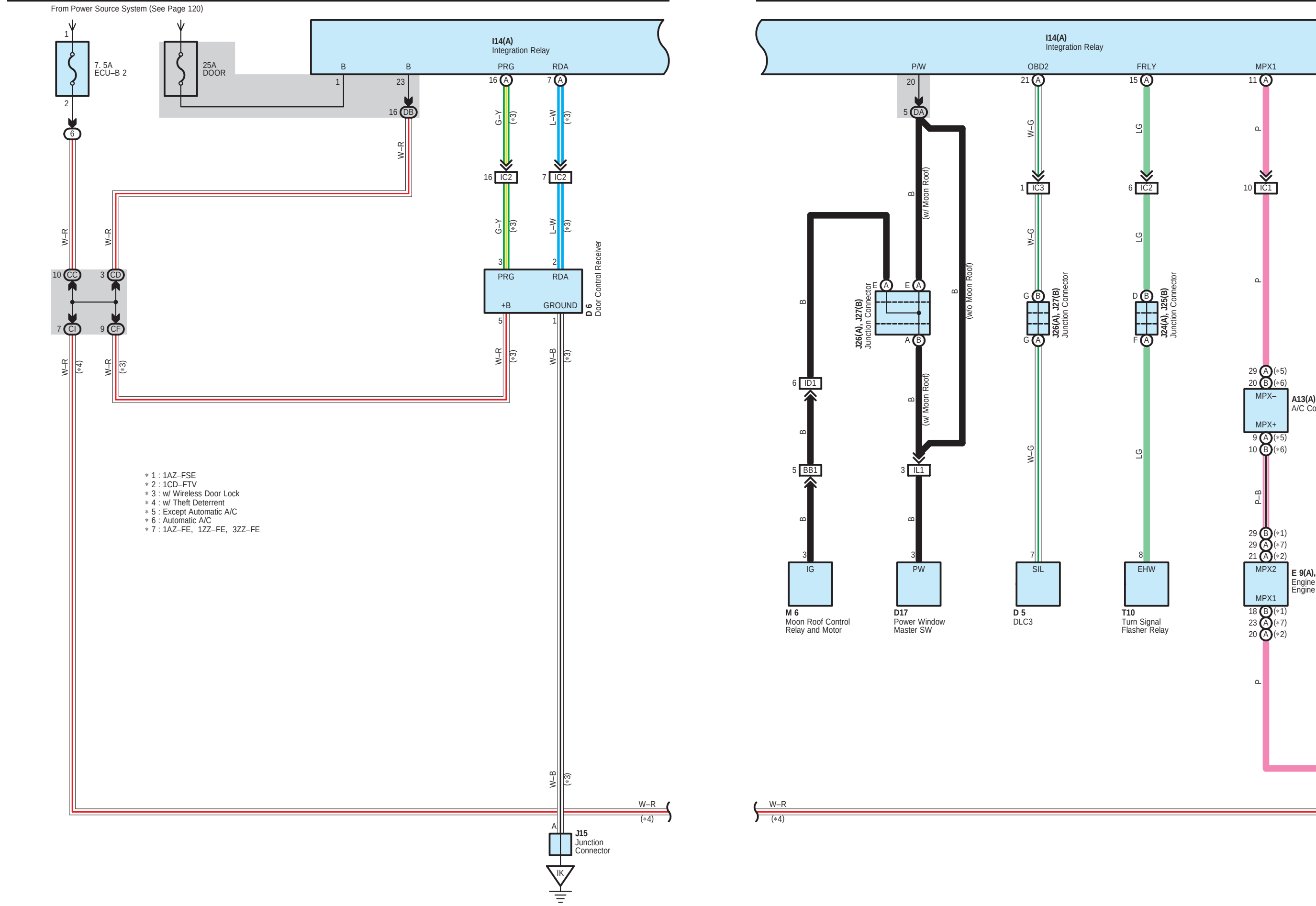
From Power Source System (See Page 120)



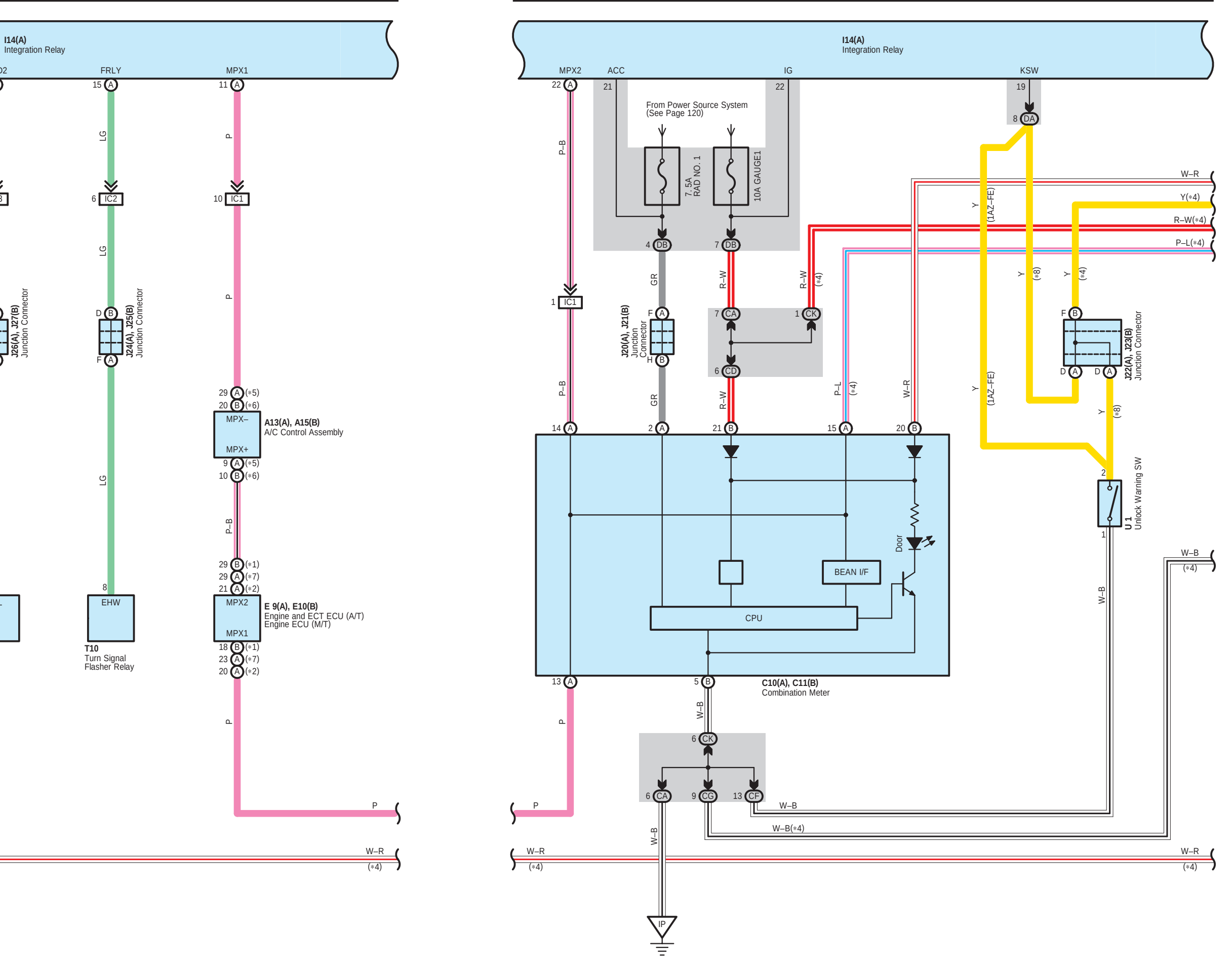
cardiagn.com



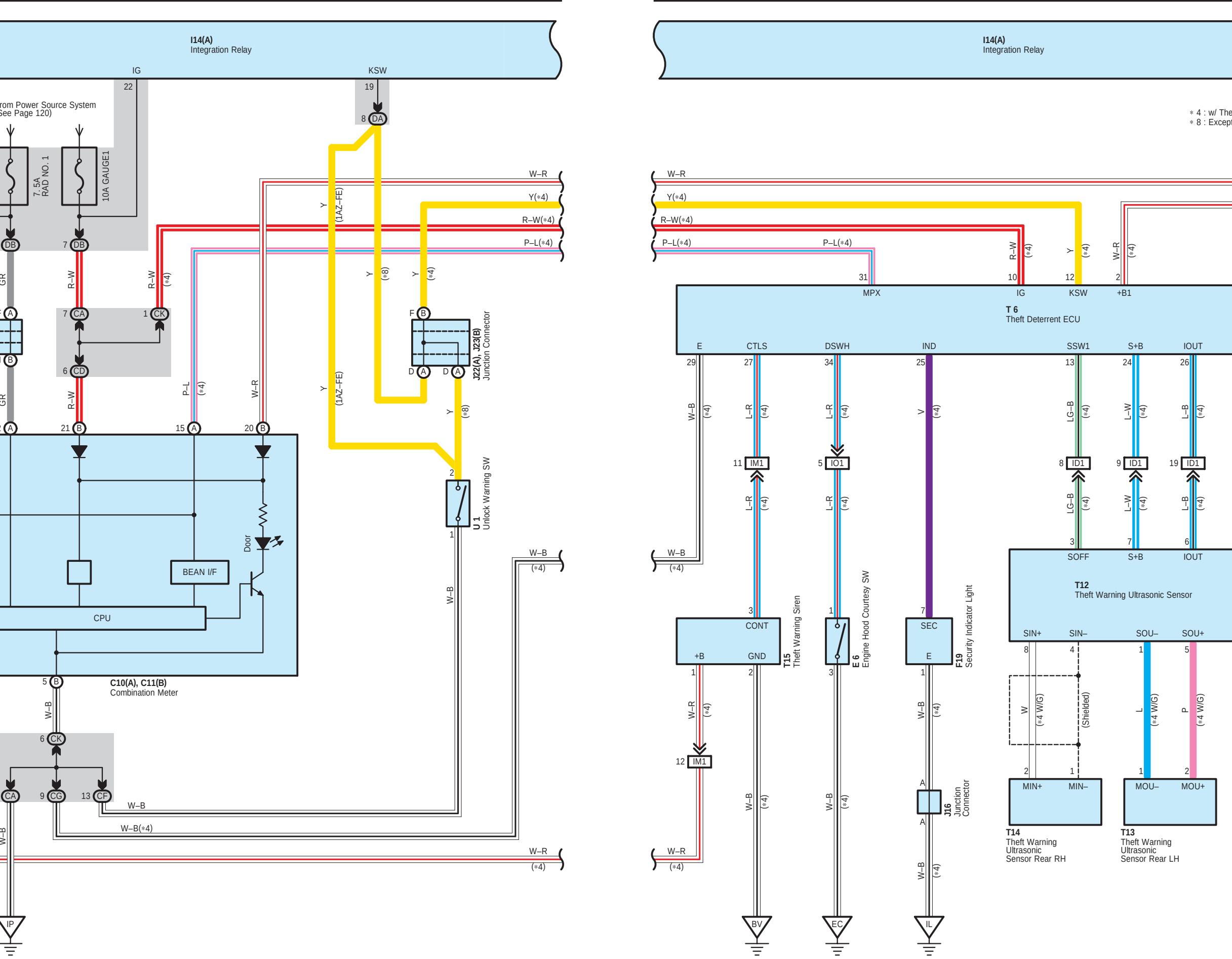
Door Lock Control (RHD) and Theft Deterrent



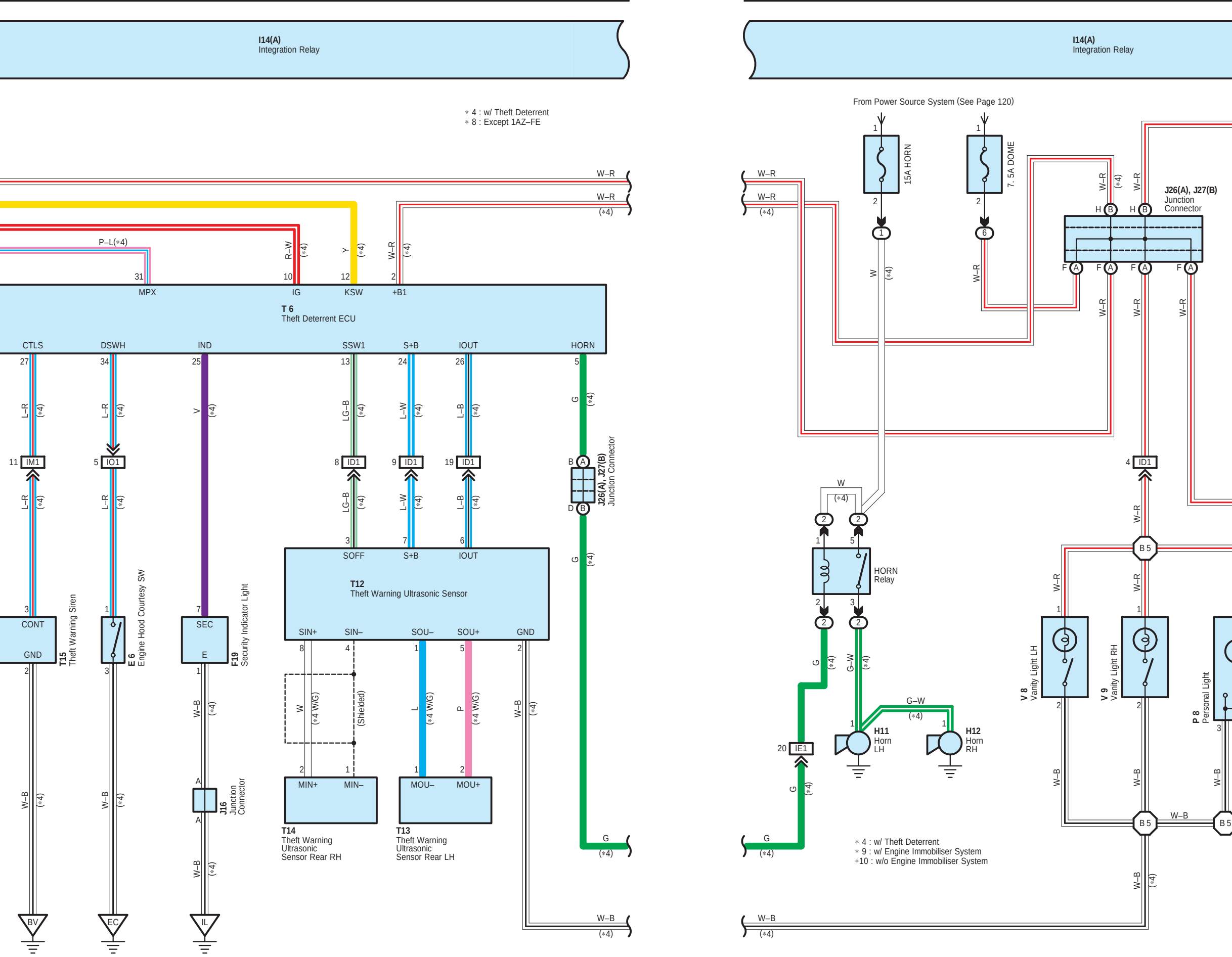
Door Lock Control (RHD) and Theft Deterrent



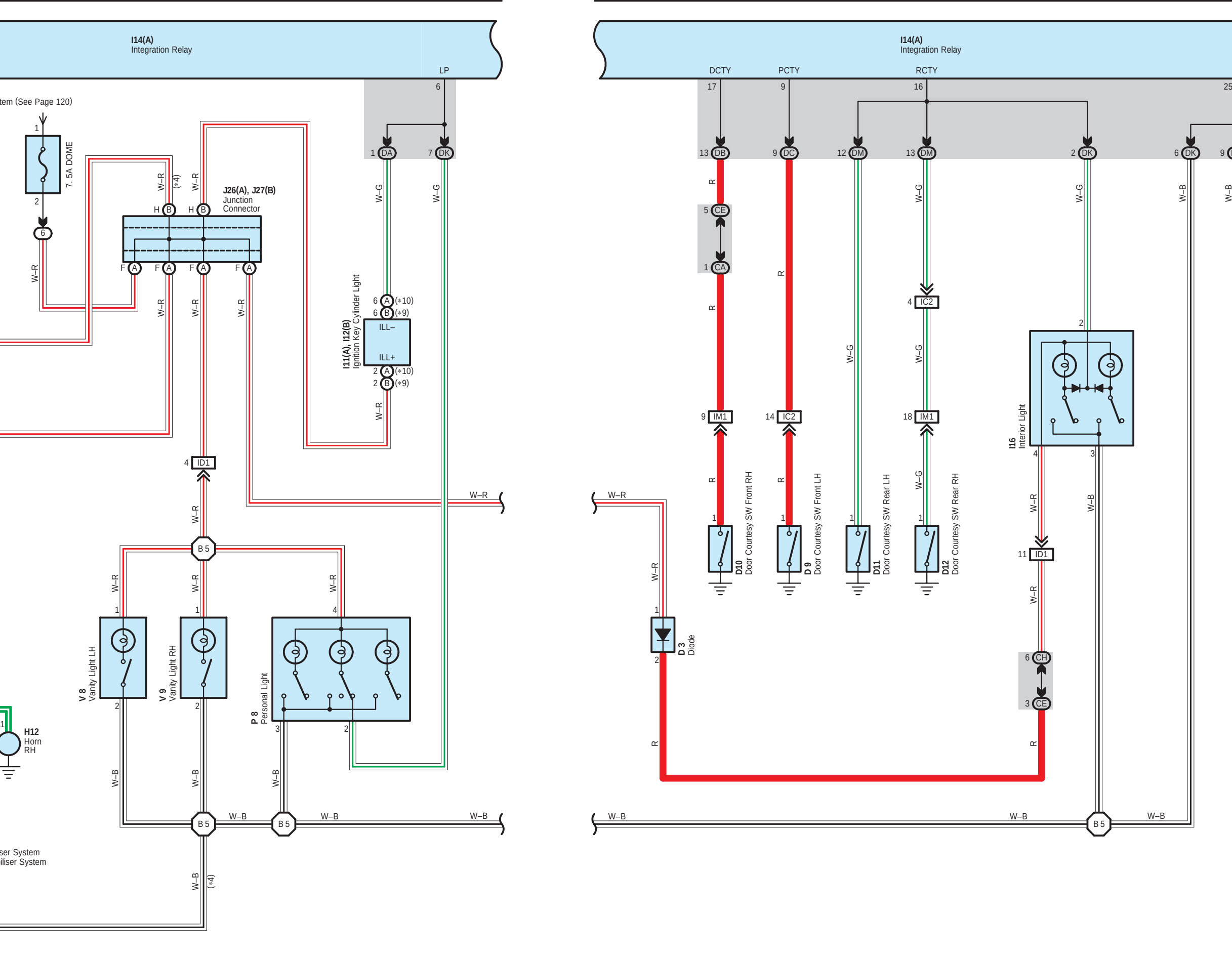
Control (RHD) and Theft Deterrent



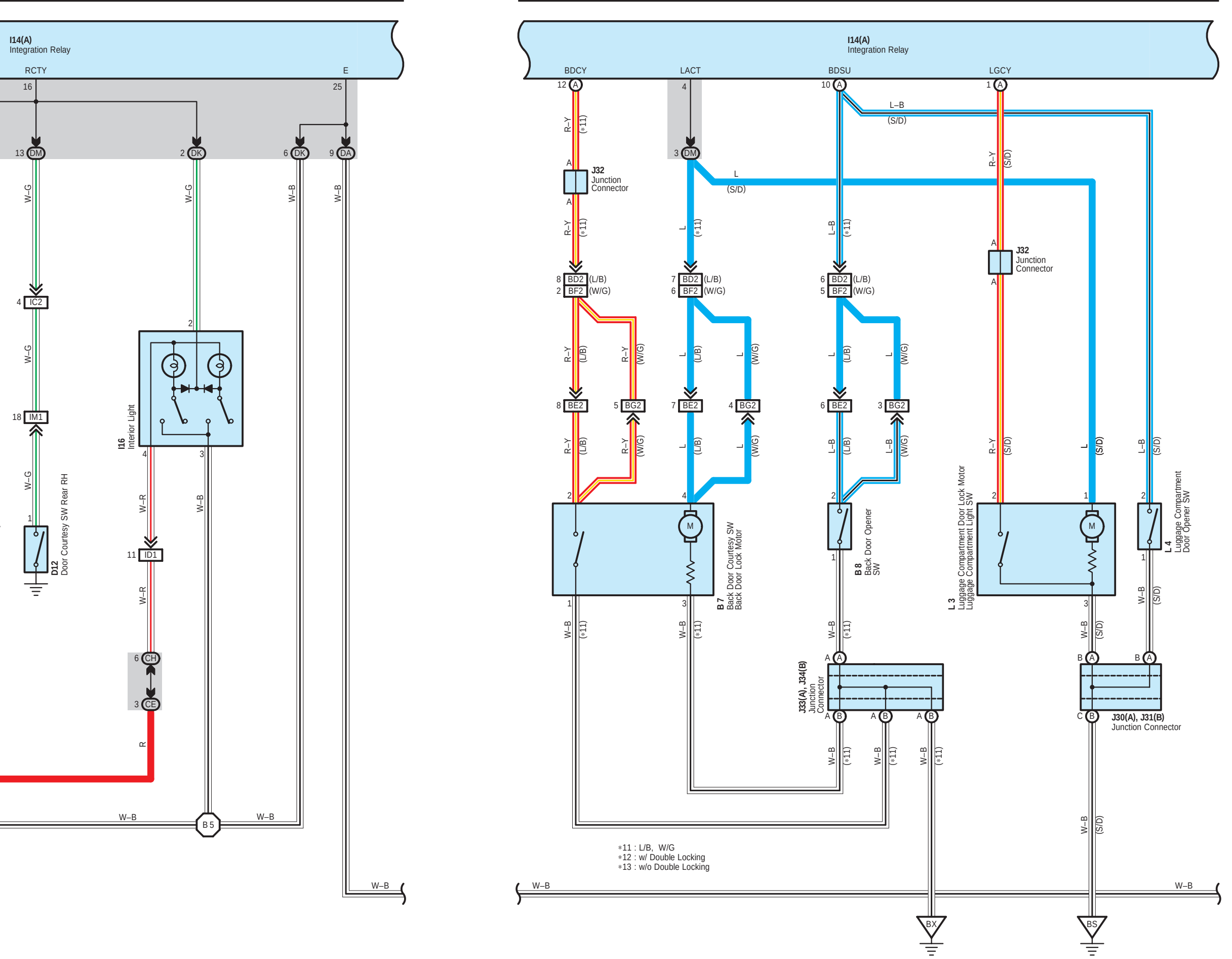
Door Lock Control (RH)



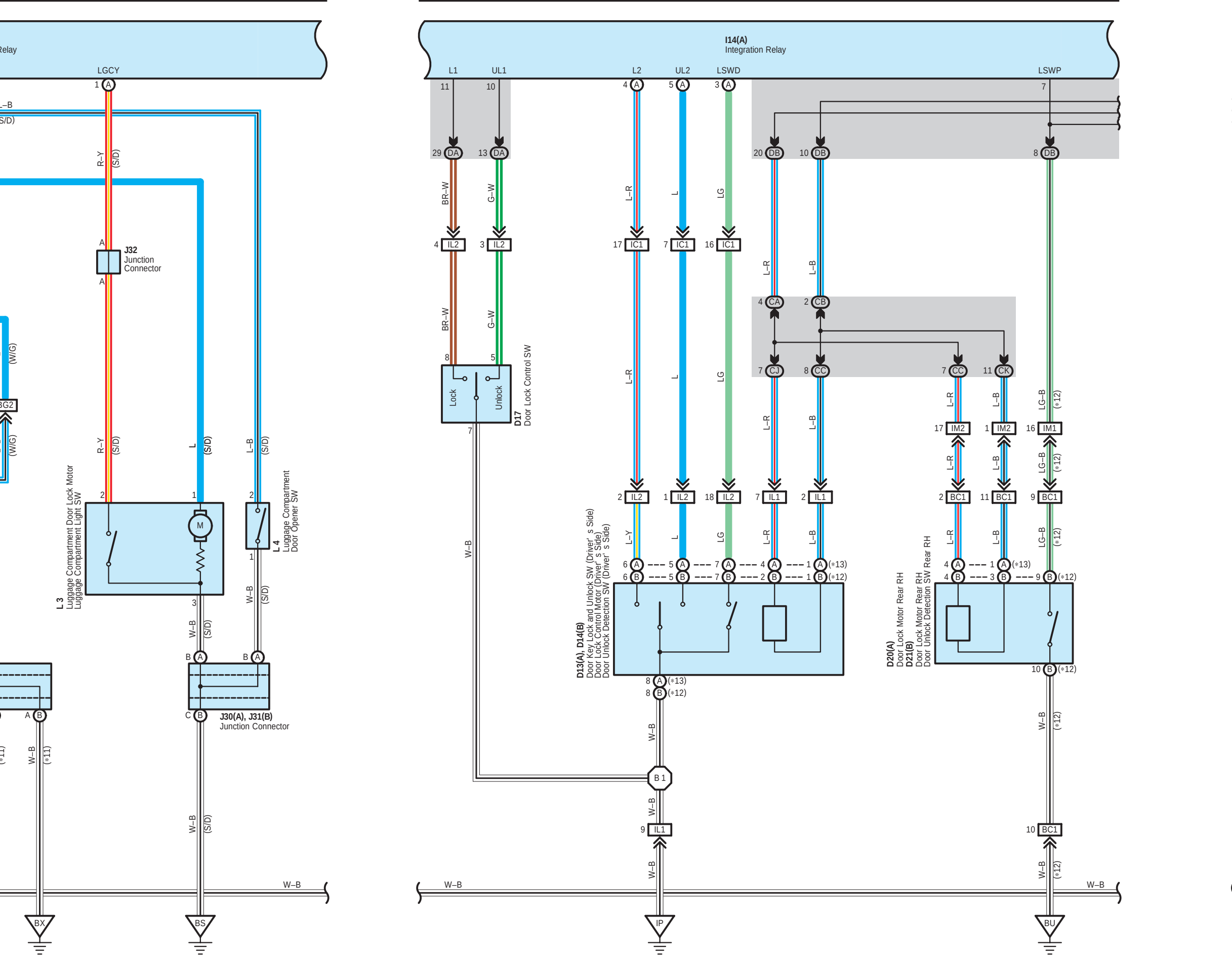
RHD) and Theft Deterrent



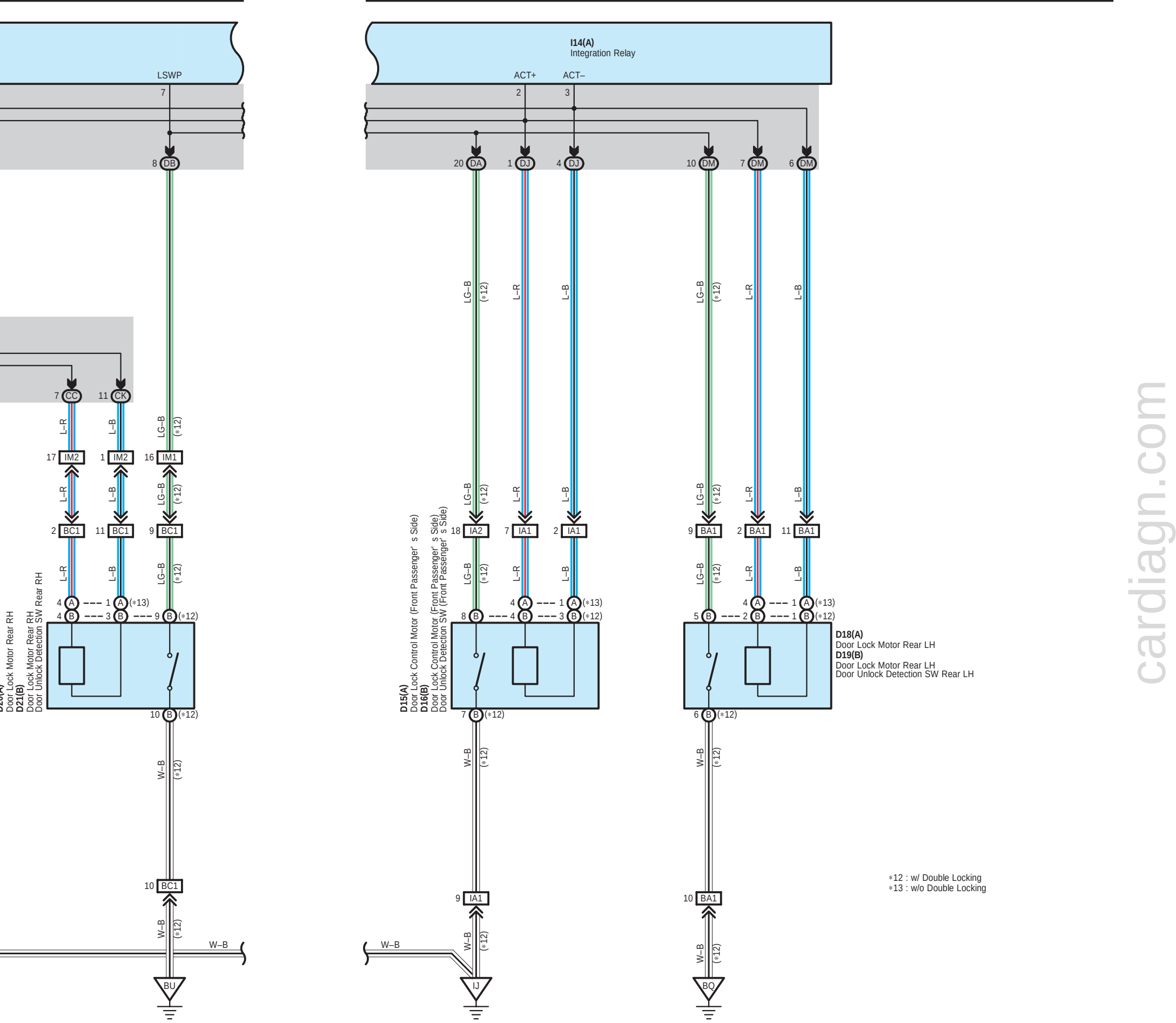
Door Lock Control (RHD) and Theft Deterrent



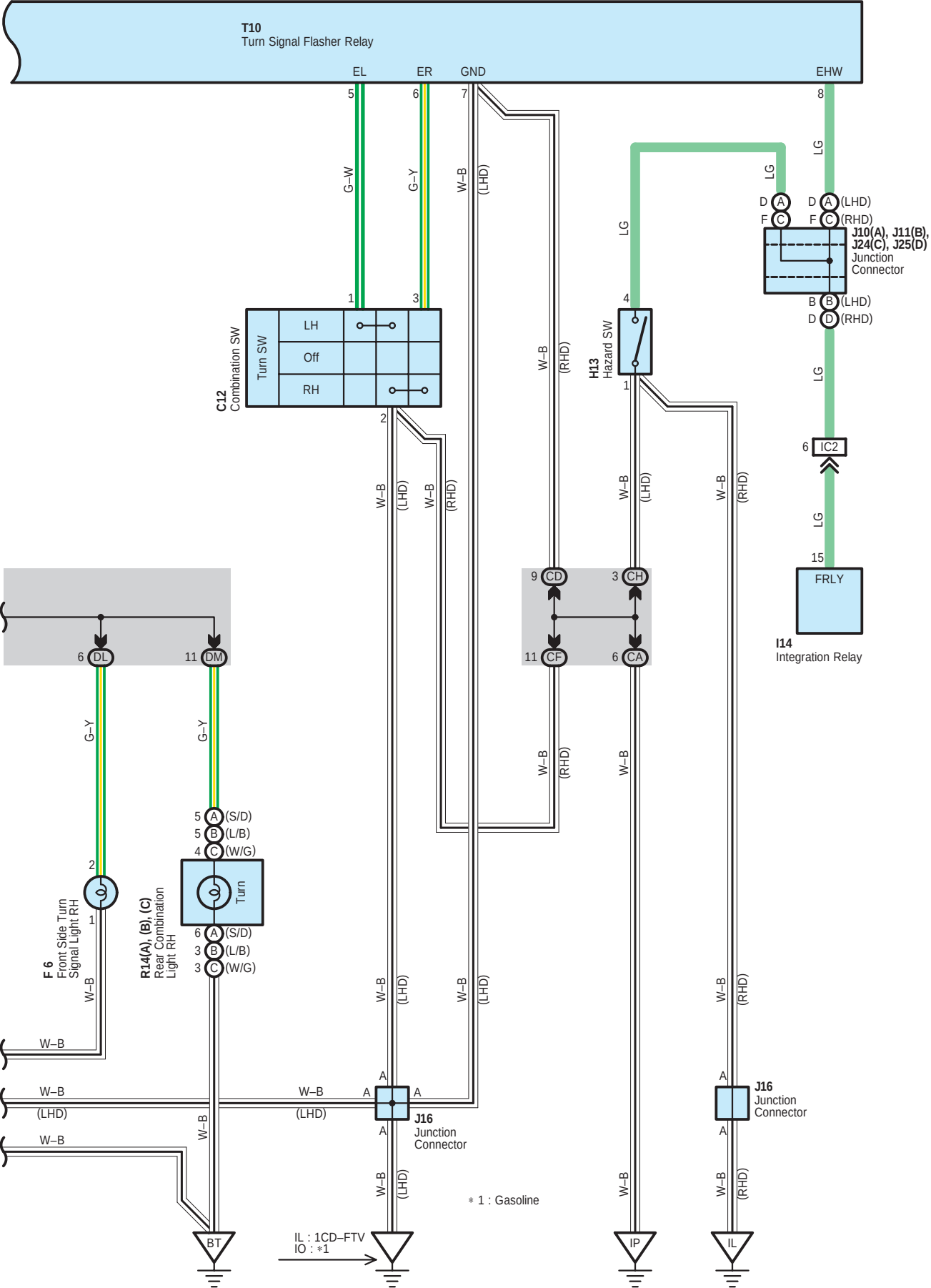
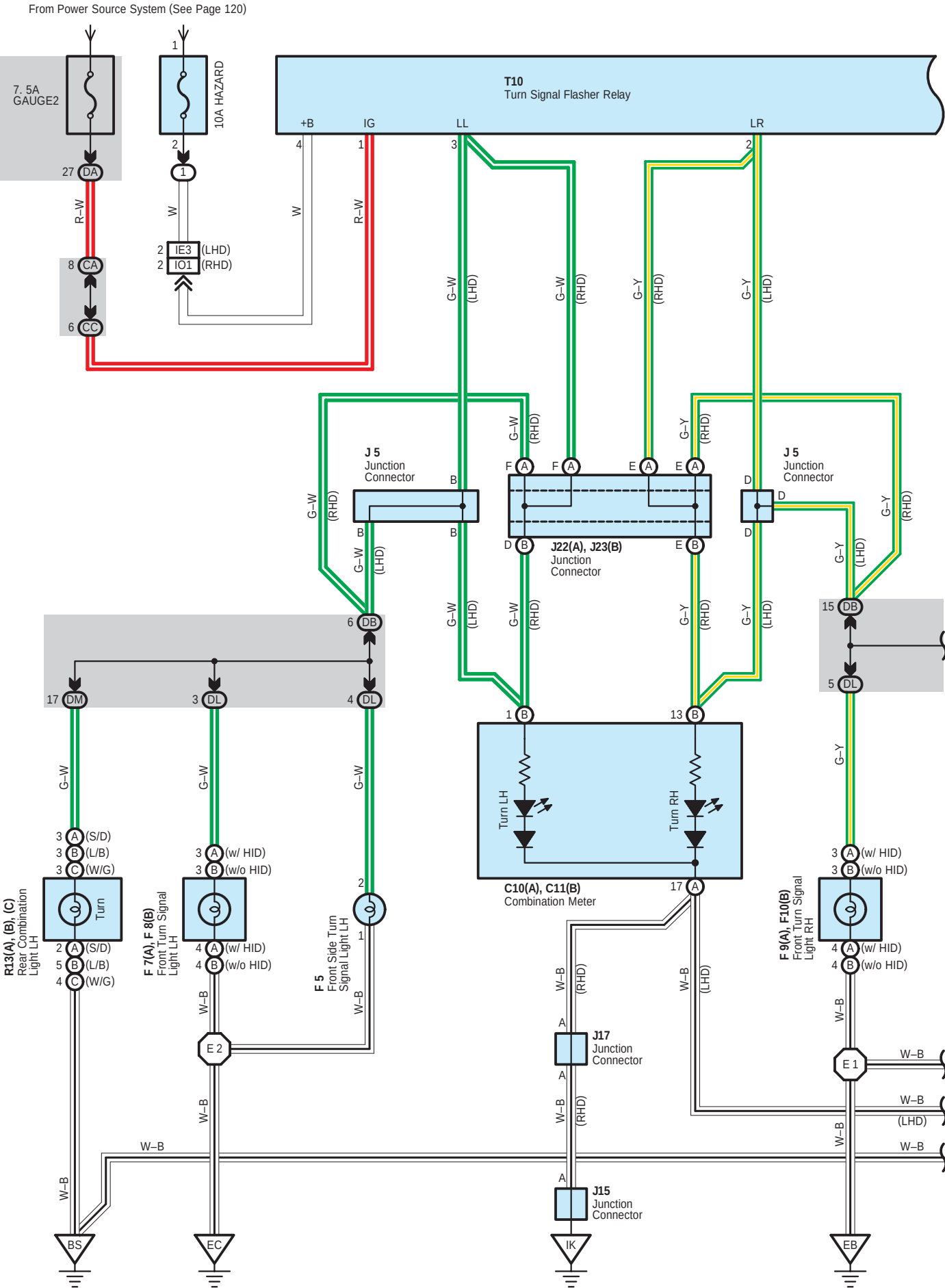
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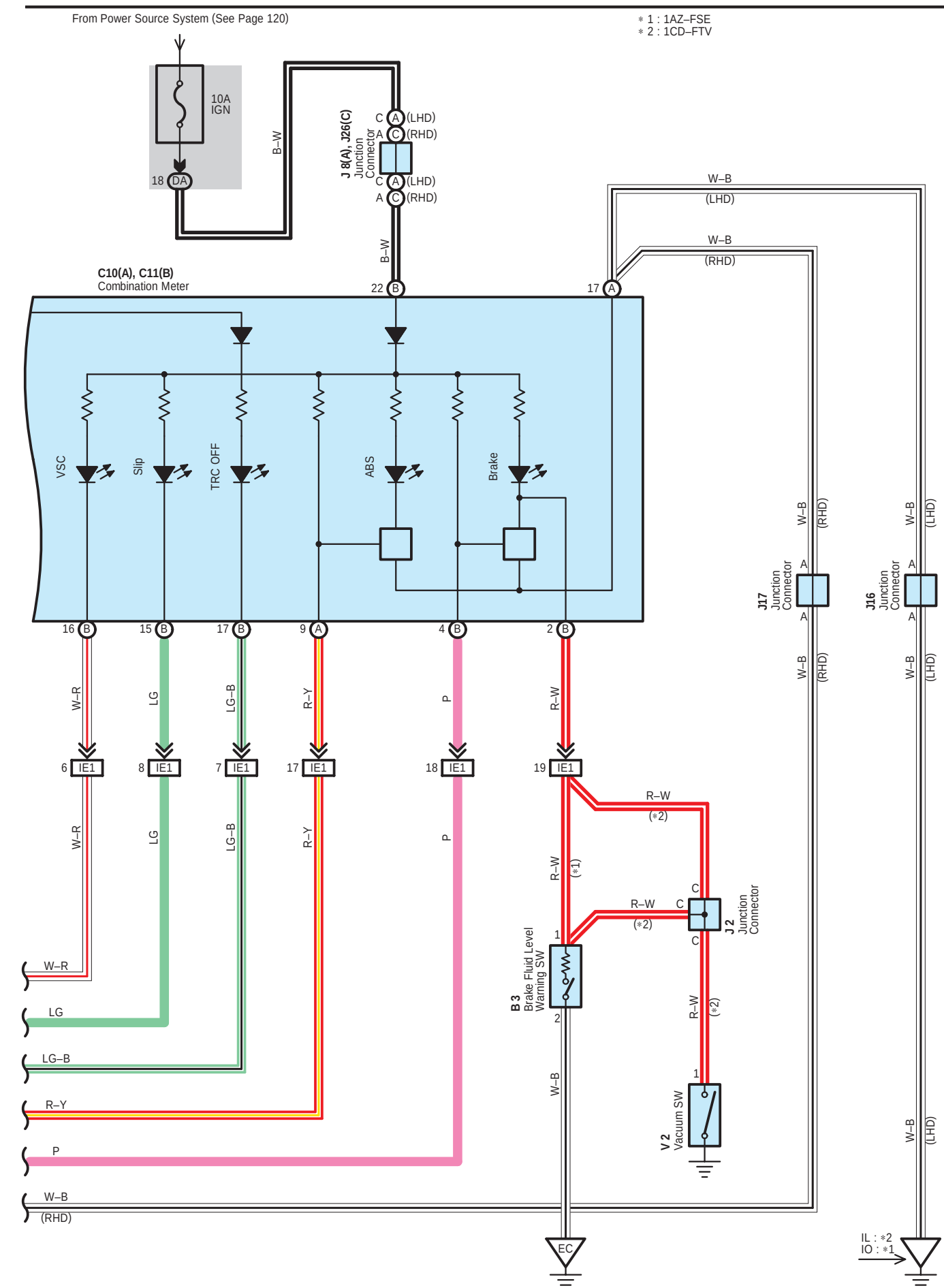
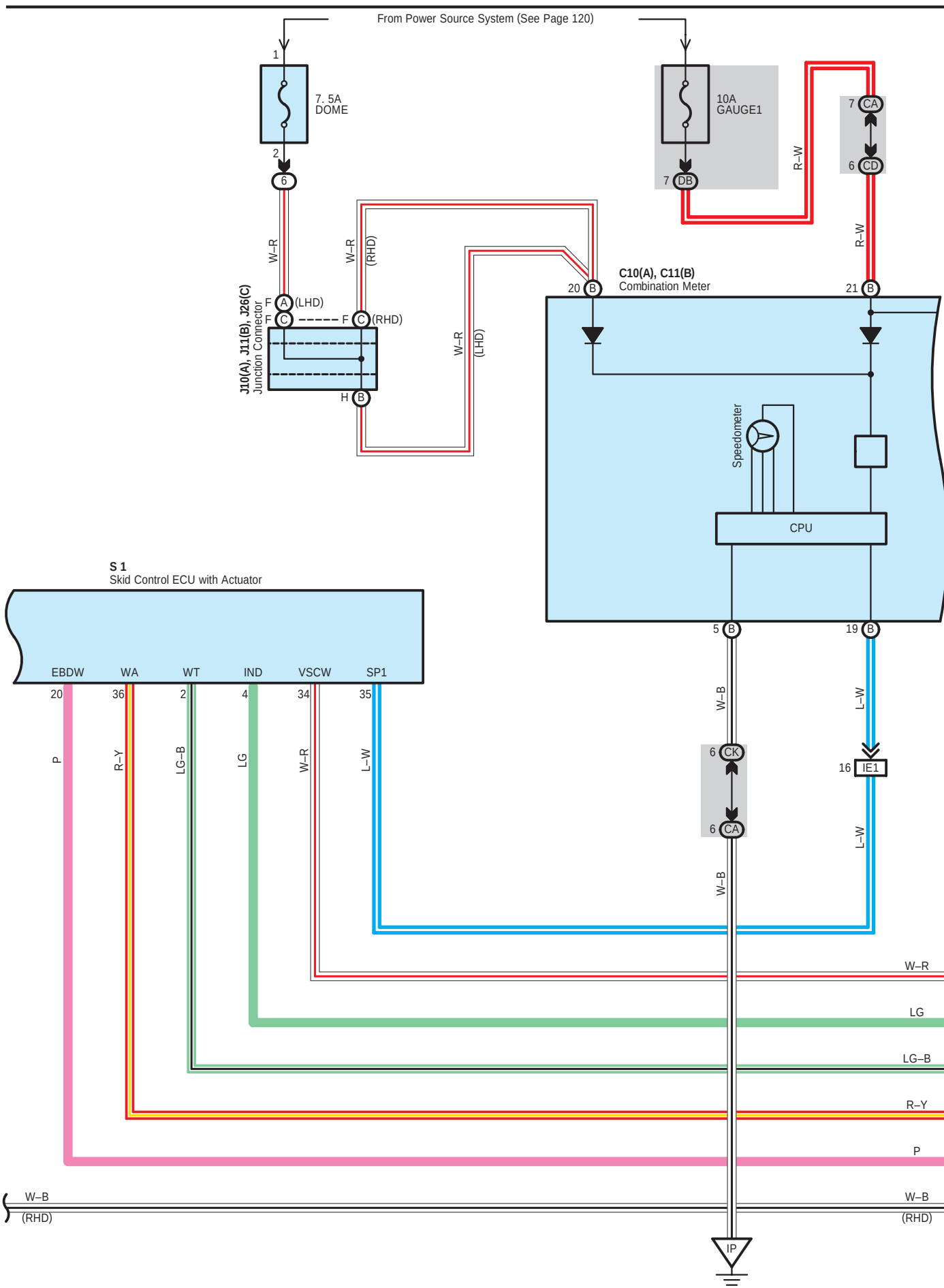
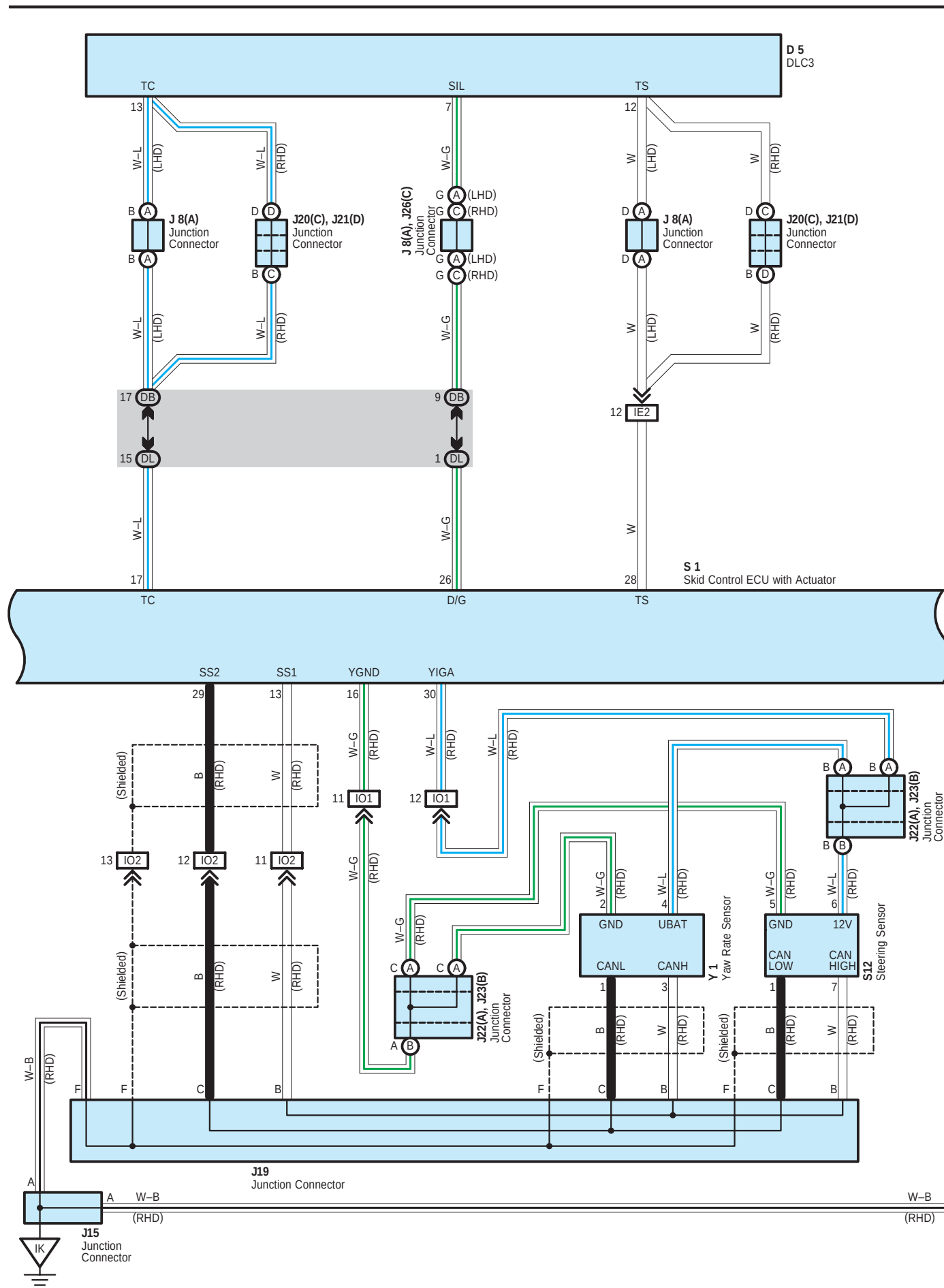
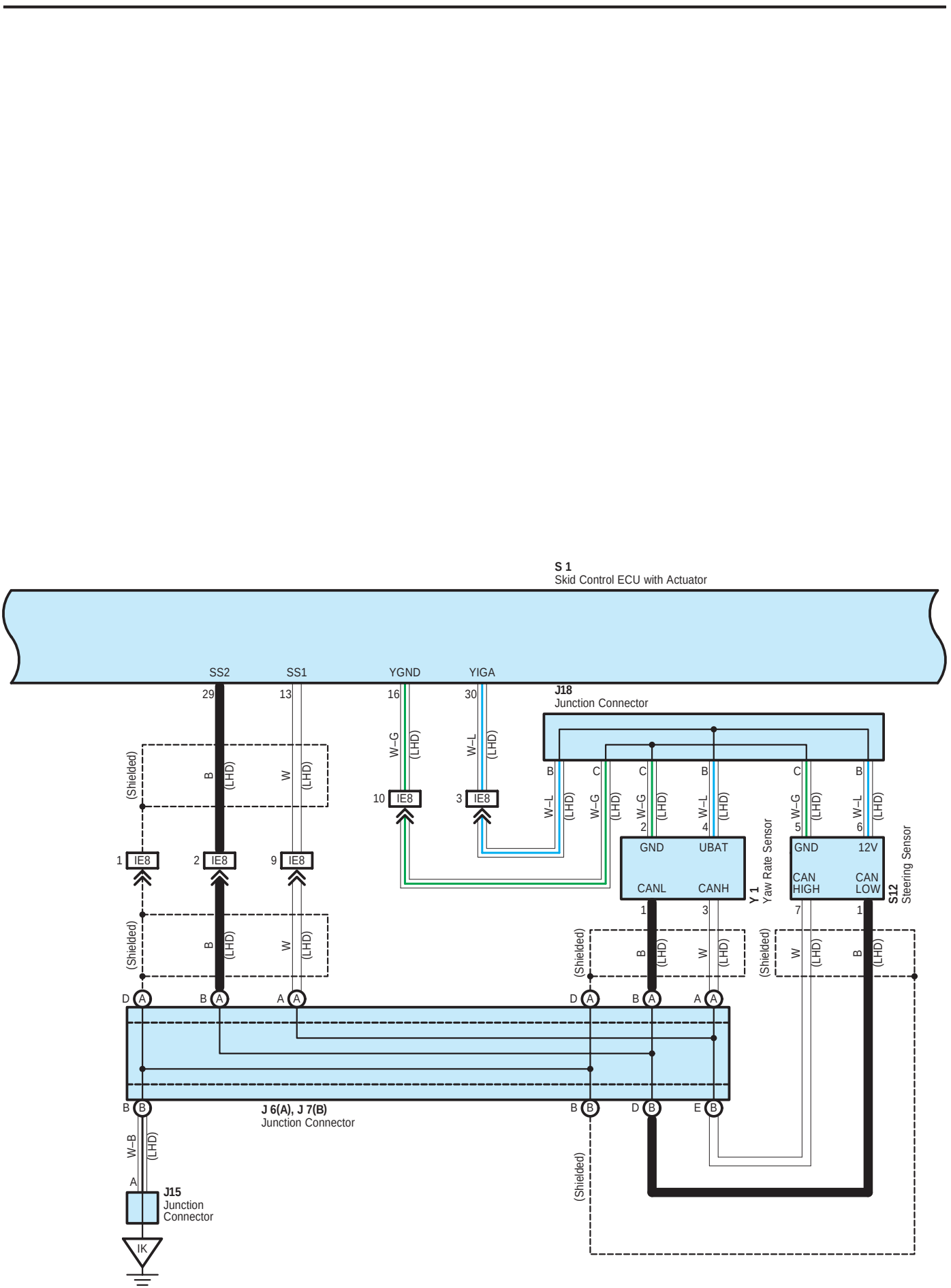
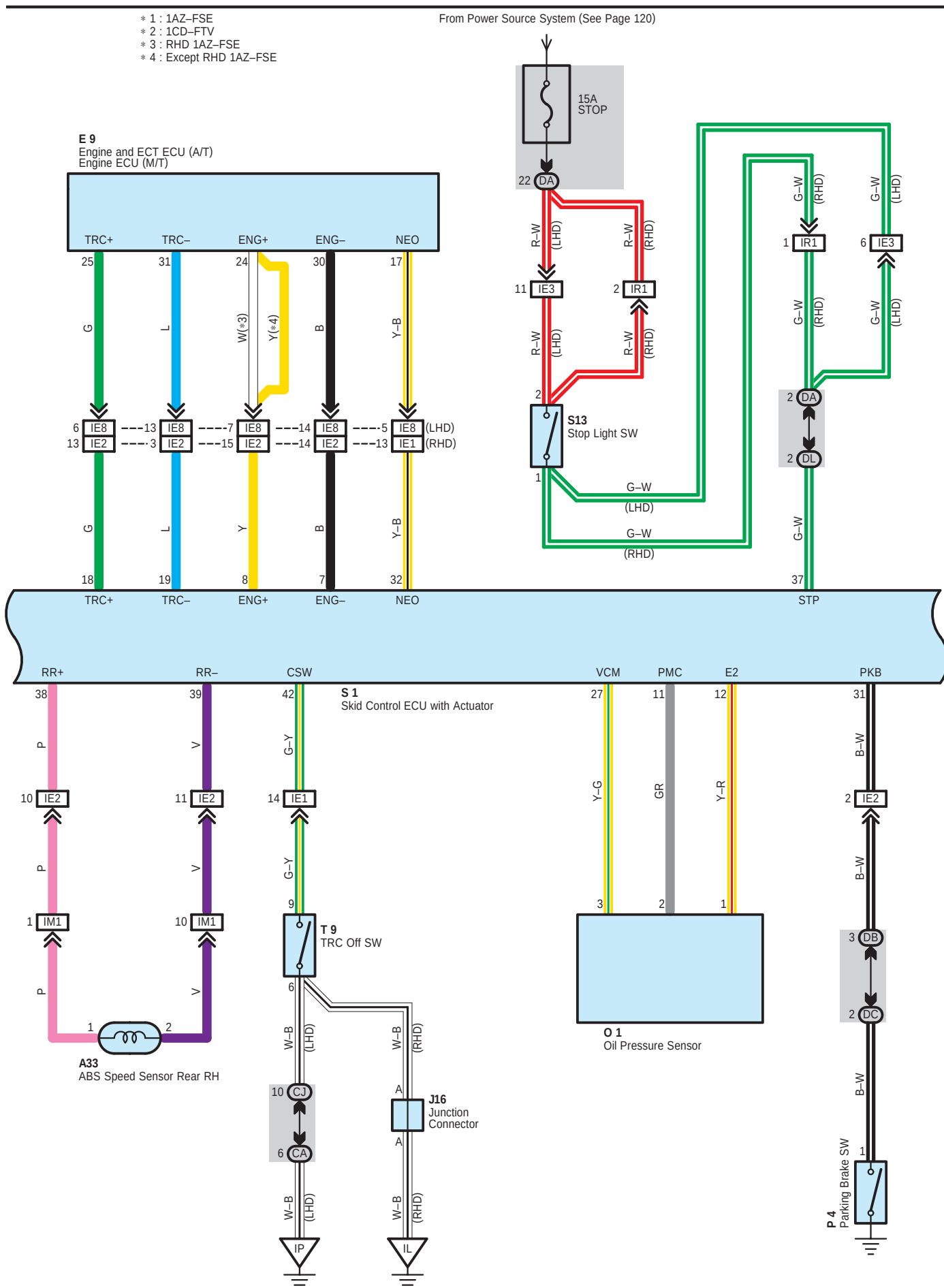


Door Lock Control (RHD) and Theft Deterrent



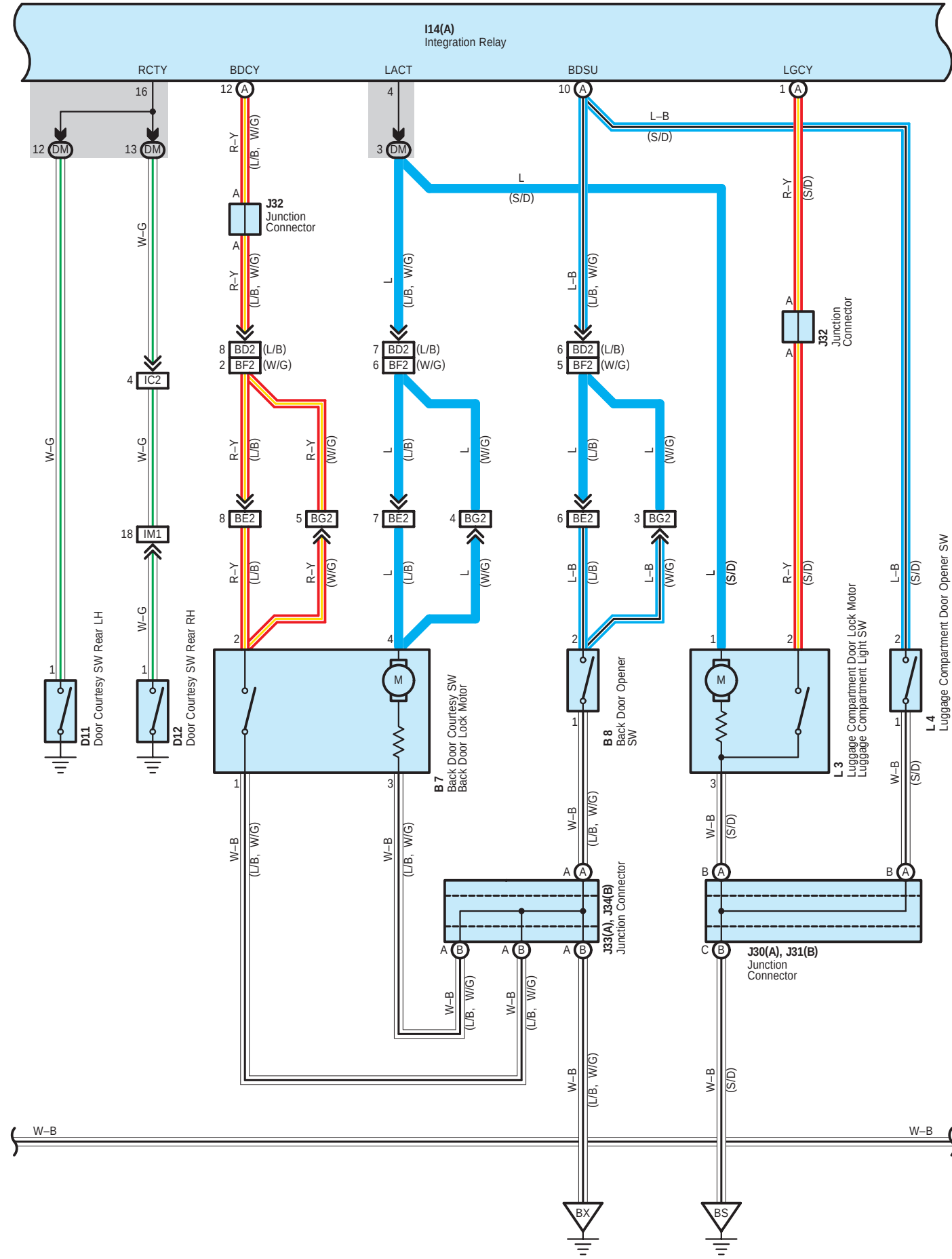
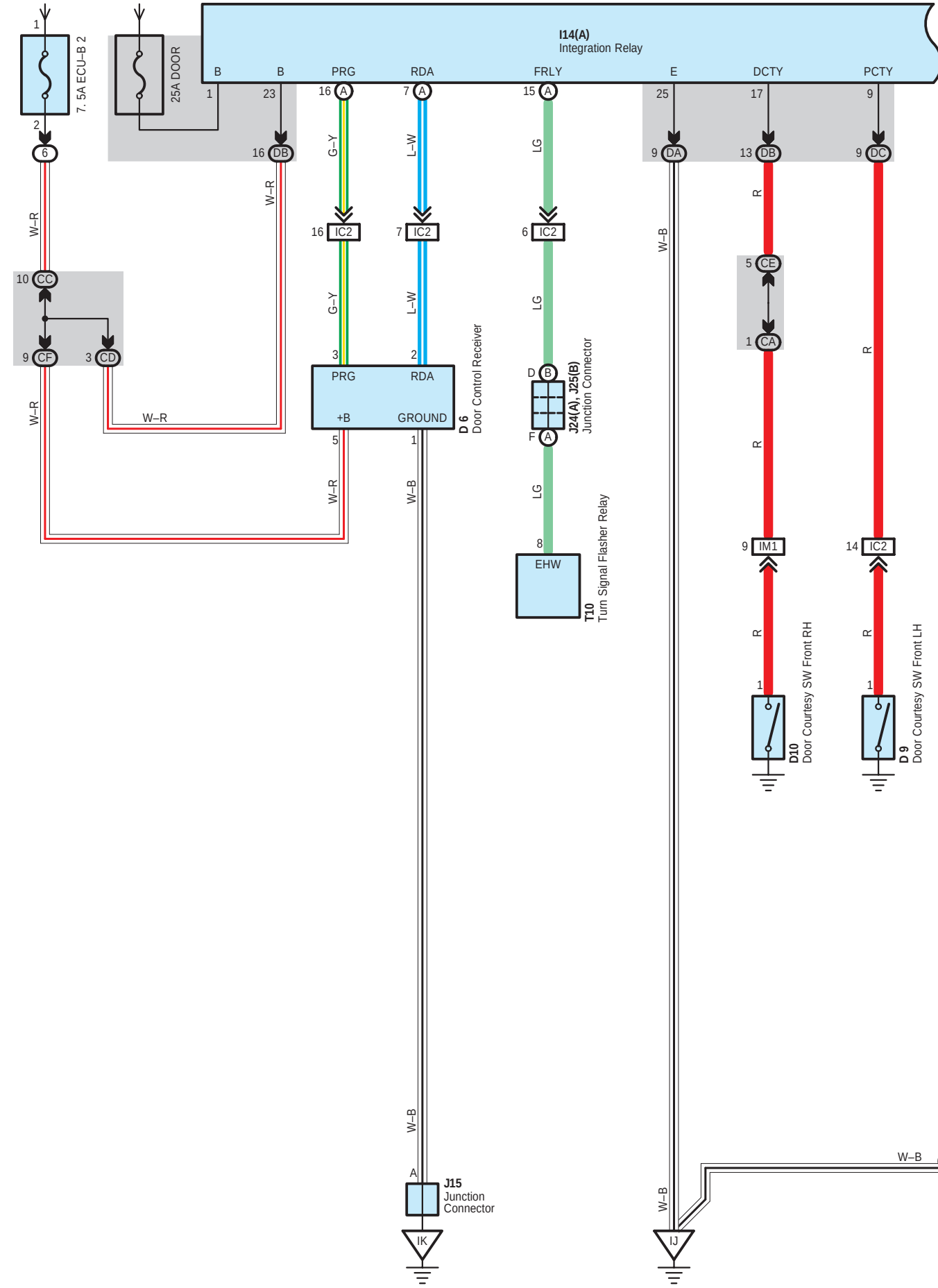
Turn Signal and Hazard Warning Light





Wireless Door Lock Control (RHD)

From Power Source System (See Page 120)



Wireless Door Lock Control (RHD)

From Power Source System (See Page 120)

