

Section : Body  
Electrical  
Ref. No. : BE-3010  
Date : Apr., 2003  
Page : 1 of 13

Area Application : Europe

Model Name : TOYOTA RAV4

Model Code : CLA20, 21

**Subject : ELECTRICAL WIRING DIAGRAM**

This Service Bulletin is to inform you of the Electrical Wiring Diagram for the 1CD-FTV Engine Control System due to the addition of the Clutch Switch.

The attached pages are to be used with the following manuals.

Pub. No.	Publication Name
EWD416F	RAV4 Electrical Wiring Diagram
BE-1009	Service Bulletin

Production Effective :

VIN	Production Date
---	From March, 2003



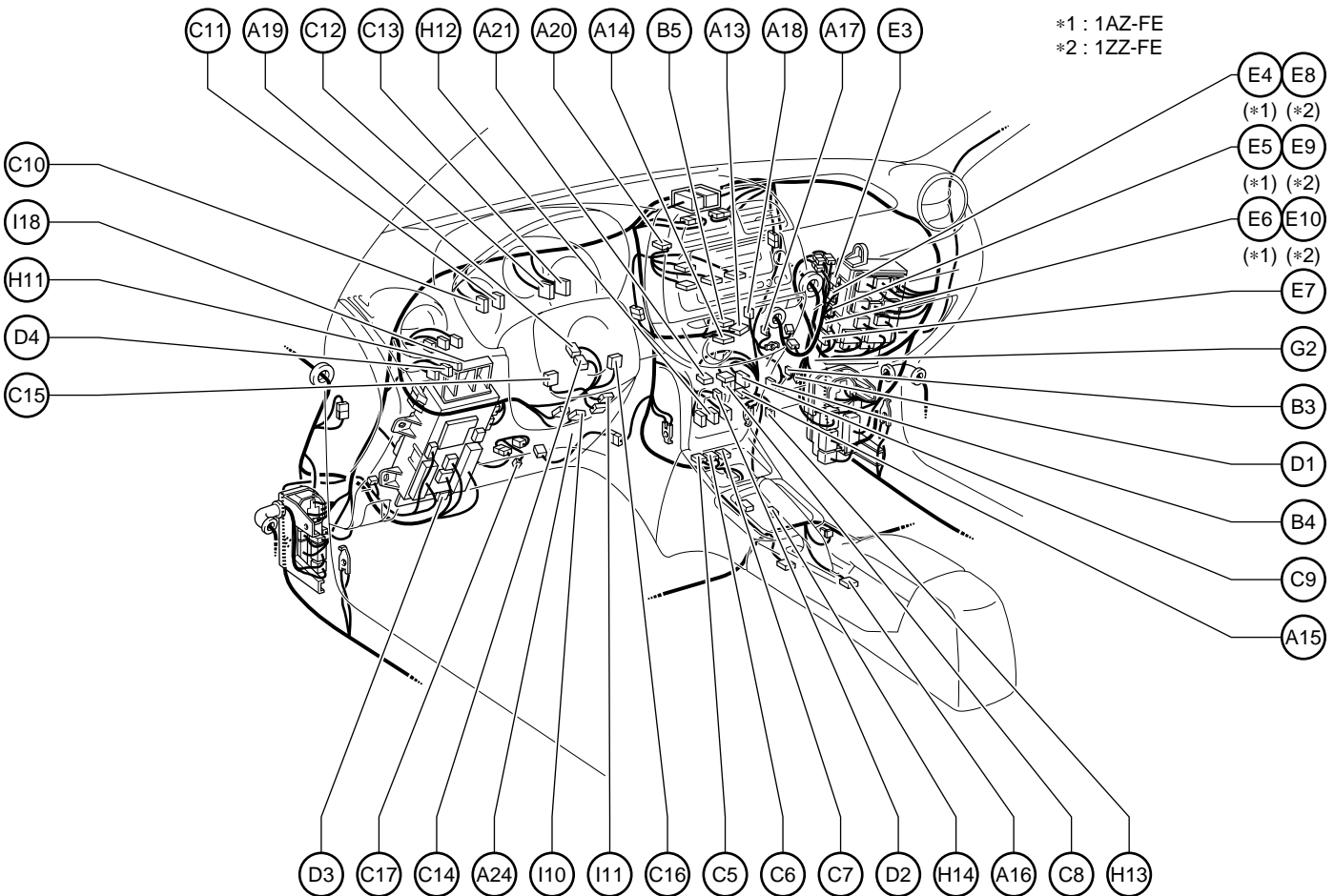
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# ELECTRICAL WIRING ROUTING

## Position of Parts in Instrument Panel

[LHD]



- A 13 A/C Amplifier
- A 14 A/C Control SW
- A 15 A/C Thermistor
- A 16 ABS Deceleration Sensor
- A 17 Air Inlet Control Servo Motor
- A 18 Airbag Squib (Front Passenger's Airbag Assembly)
- A 19 Airbag Squib (Steering Wheel Pad)
- A 20 Antenna Amplifier
- A 21 Ashtray Illumination
- A 24 Accelerator Pedal Position Sensor

- B 3 Blower Motor
- B 4 Blower Resistor
- B 5 Blower SW

- C 5 Center Airbag Sensor Assembly
- C 6 Center Airbag Sensor Assembly
- C 7 Center Airbag Sensor Assembly
- C 8 Cigarette Lighter
- C 9 Cigarette Lighter Illumination
- C 10 Combination Meter
- C 11 Combination Meter
- C 12 Combination Meter
- C 13 Combination Meter
- C 14 Combination SW
- C 15 Combination SW
- C 16 Combination SW
- C 17 Clutch SW

- D 1 Diode (Fan)
- D 2 Diode (Seat Heater)
- D 3 DLC3
- D 4 Door Lock Control SW (Driver's Side)

- E 3 Engine and ECT ECU (A/T) or Engine ECU (M/T)
- E 4 Engine and ECT ECU (A/T) or Engine ECU (M/T)
- E 5 Engine and ECT ECU (A/T) or Engine ECU (M/T)
- E 6 Engine and ECT ECU (A/T) or Engine ECU (M/T)
- E 7 Engine and ECT ECU (A/T) or Engine ECU (M/T)
- E 8 Engine ECU
- E 9 Engine ECU
- E 10 Engine ECU

- G 2 Glow Plug (Power Heater)

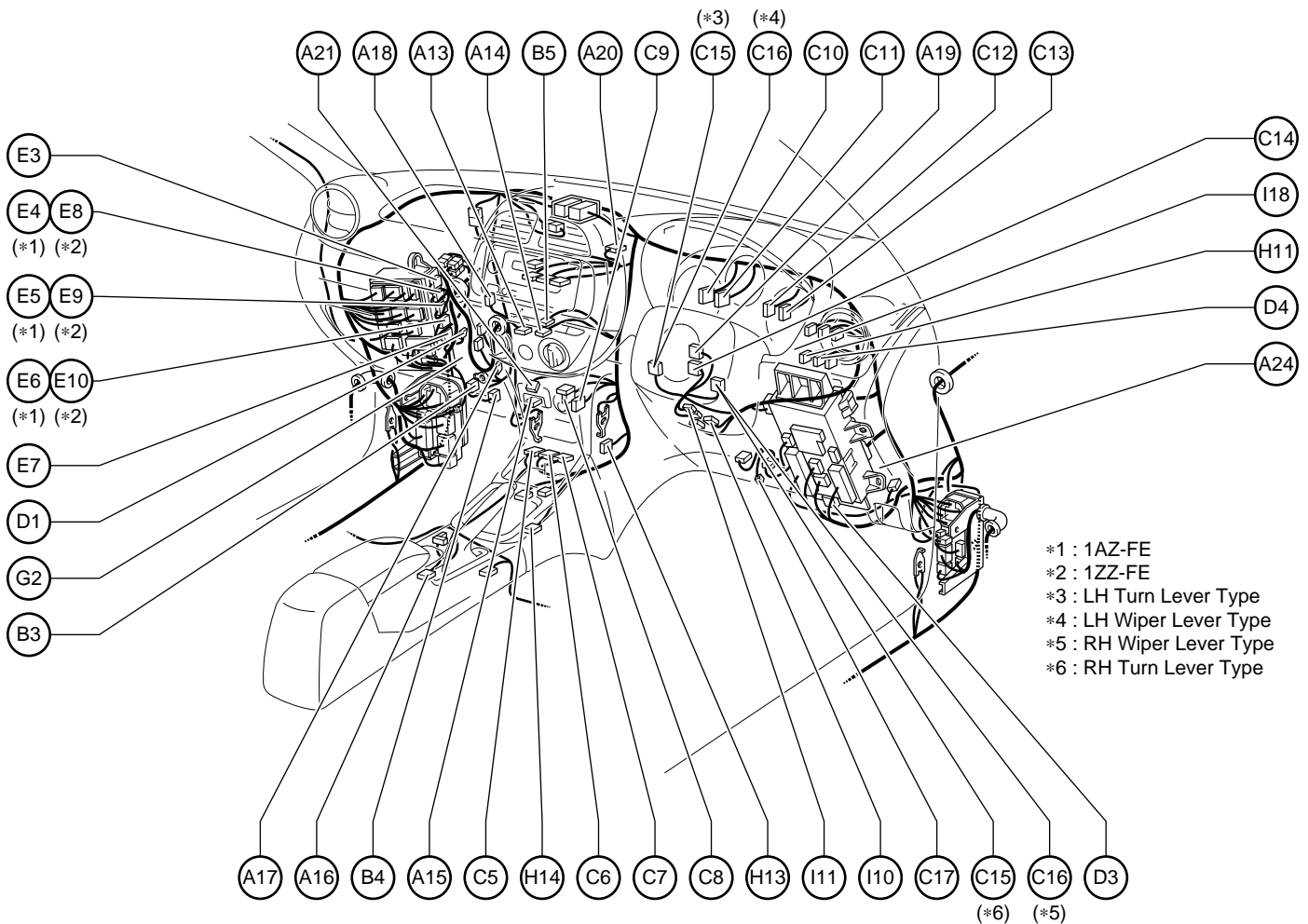
- H 11 Headlight Beam Level Control SW
- H 12 Headlight Cleaner SW
- H 13 Heated Oxygen Sensor (Bank 1 Sensor 1)
- H 14 Heated Oxygen Sensor (Bank 1 Sensor 2)

- I 10 Ignition SW
- I 11 Ignition Key Cylinder Light
- I 18 Idle-Up SW

# ELECTRICAL WIRING ROUTING

## Position of Parts in Instrument Panel

[RHD]



A 13 A/C Amplifier  
 A 14 A/C Control SW  
 A 15 A/C Thermistor  
 A 16 ABS Deceleration Sensor  
 A 17 Air Inlet Control Servo Motor  
 A 18 Airbag Squib (Front Passenger's Airbag Assembly)  
 A 19 Airbag Squib (Steering Wheel Pad)  
 A 20 Antenna Amplifier  
 A 21 Ashtray Illumination  
 A 24 Accelerator Pedal Position Sensor

B 3 Blower Motor  
 B 4 Blower Resistor  
 B 5 Blower SW

C 5 Center Airbag Sensor Assembly  
 C 6 Center Airbag Sensor Assembly  
 C 7 Center Airbag Sensor Assembly  
 C 8 Cigarette Lighter  
 C 9 Cigarette Lighter Illumination  
 C 10 Combination Meter  
 C 11 Combination Meter  
 C 12 Combination Meter  
 C 13 Combination Meter  
 C 14 Combination SW  
 C 15 Combination SW  
 C 16 Combination SW  
 C 17 Clutch SW

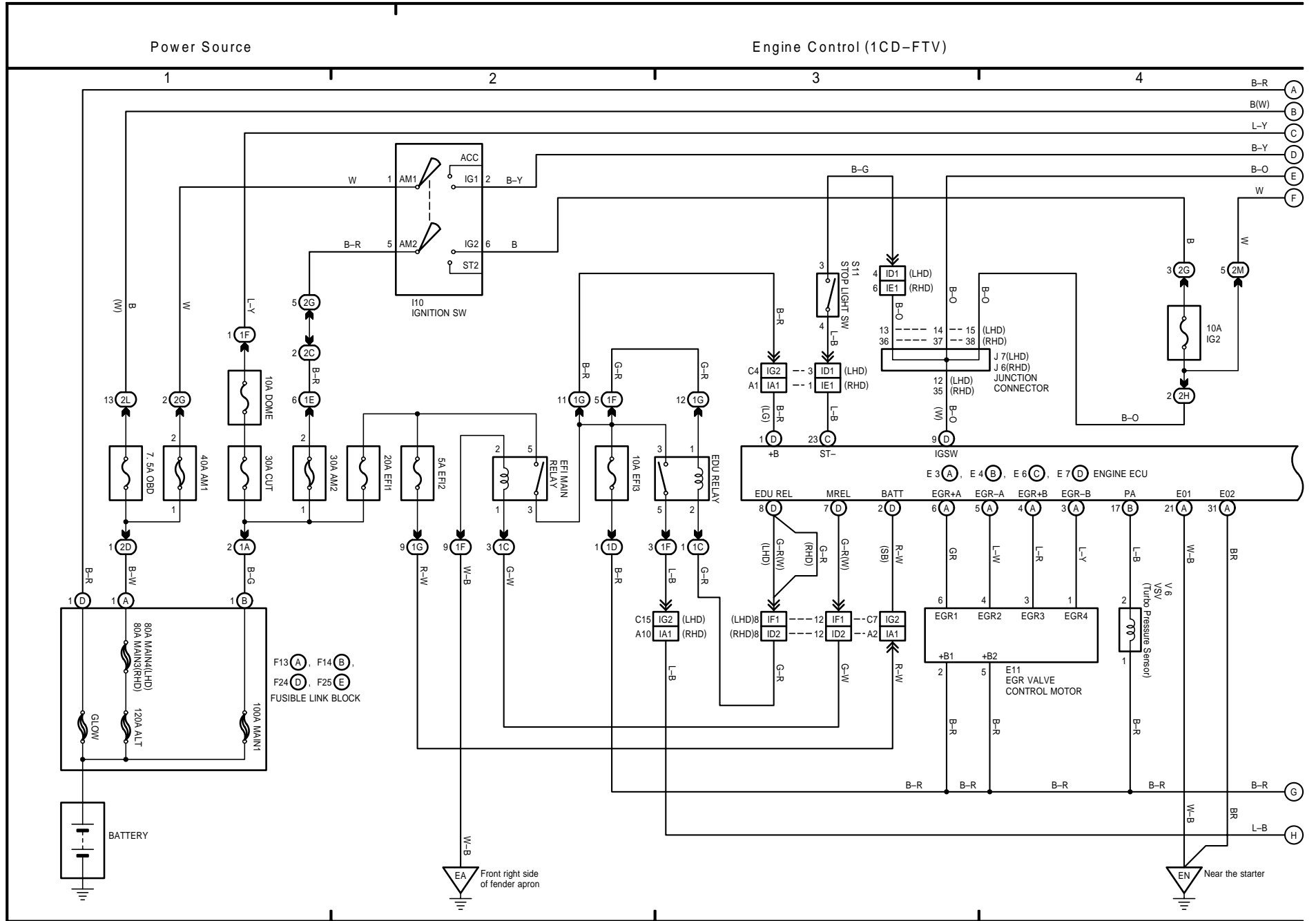
D 1 Diode (Fan)  
 D 3 DLC3  
 D 4 Door Lock Control SW (Driver's Side)

E 3 Engine and ECT ECU (A/T) or Engine ECU (M/T)  
 E 4 Engine and ECT ECU (A/T) or Engine ECU (M/T)  
 E 5 Engine and ECT ECU (A/T) or Engine ECU (M/T)  
 E 6 Engine and ECT ECU (A/T) or Engine ECU (M/T)  
 E 7 Engine and ECT ECU (A/T) or Engine ECU (M/T)  
 E 8 Engine ECU  
 E 9 Engine ECU  
 E 10 Engine ECU

G 2 Glow Heater (Power Heater)

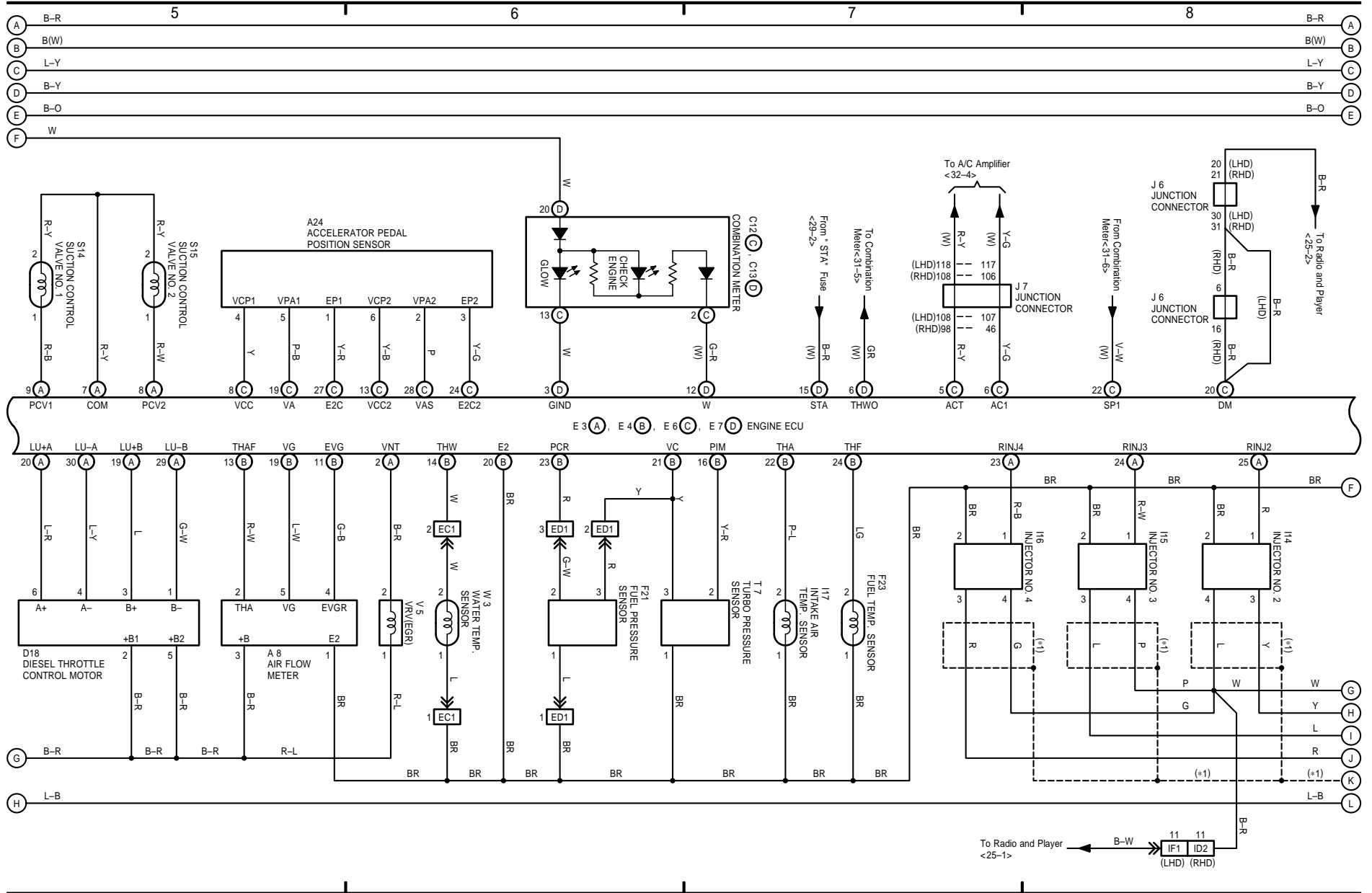
H 11 Headlight Beam Level Control SW  
 H 13 Heated Oxygen Sensor (Bank 1 Sensor 1)  
 H 14 Heated Oxygen Sensor (Bank 1 Sensor 2)

I 10 Ignition SW  
 I 11 Ignition Key Cylinder Light  
 I 18 Idle-Up SW



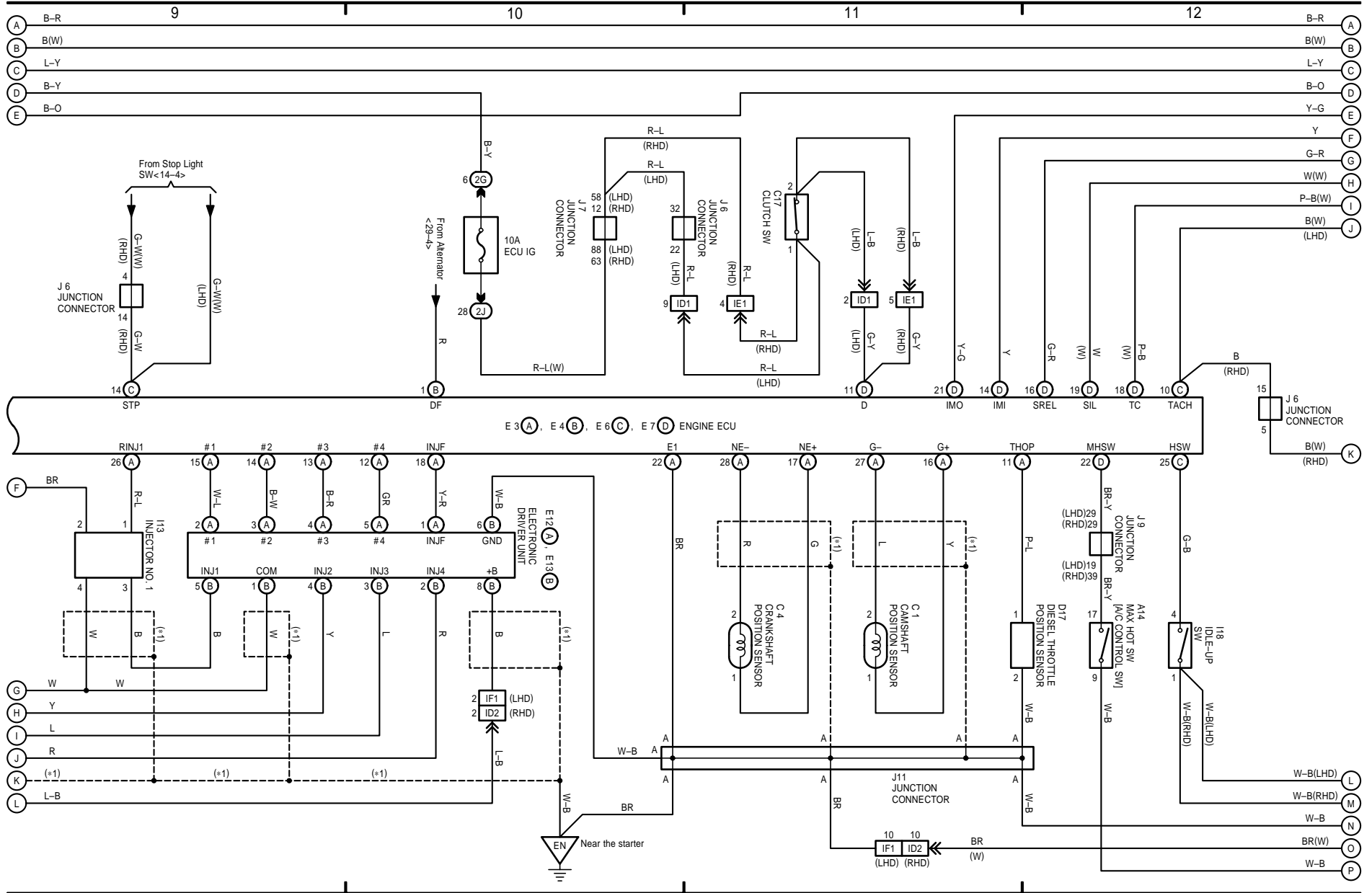
Engine Control (1CD-FTV)

\* 1 : Shielded

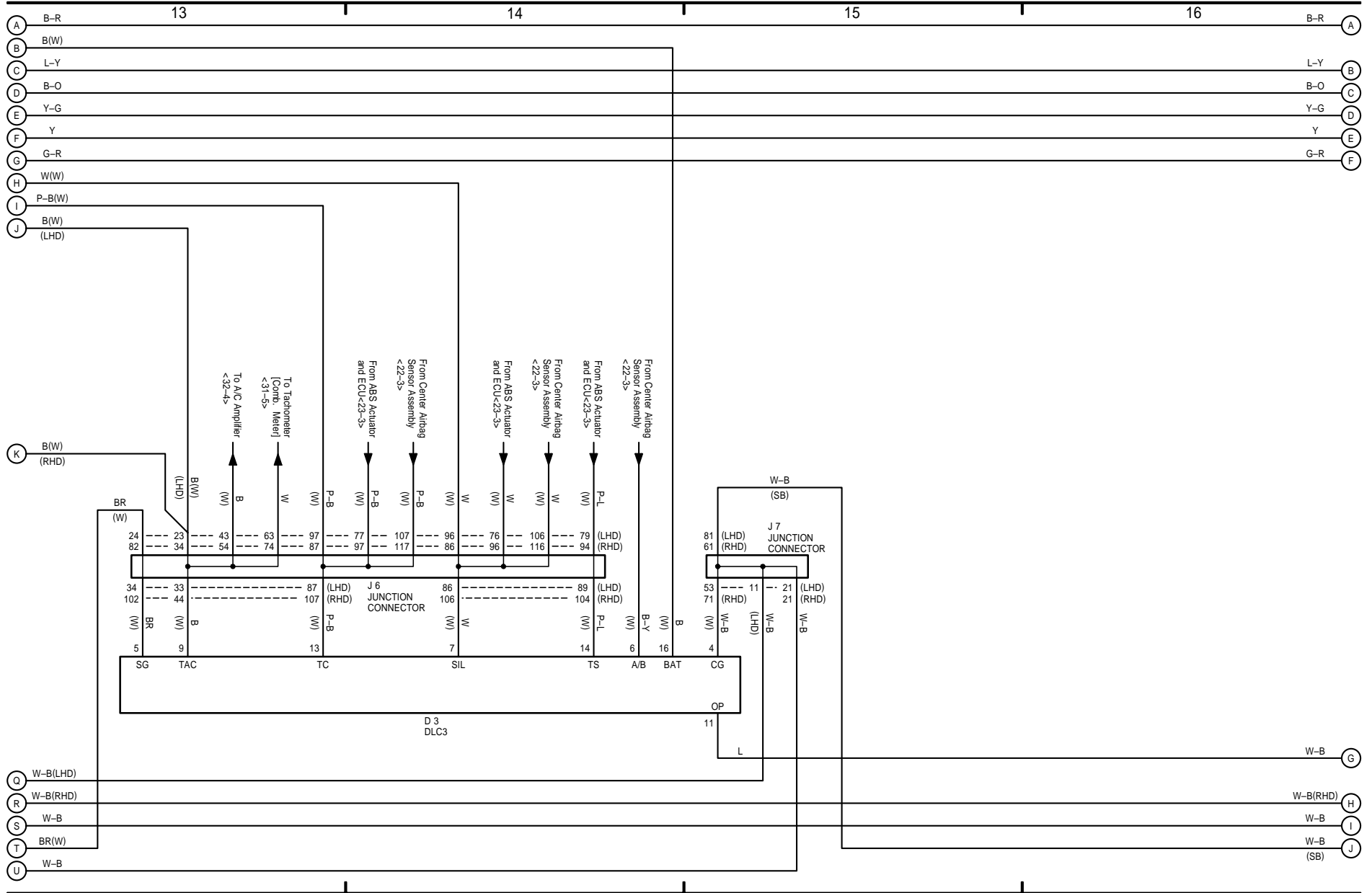


Engine Control (1CD-FTV)

\* 1 : Shielded



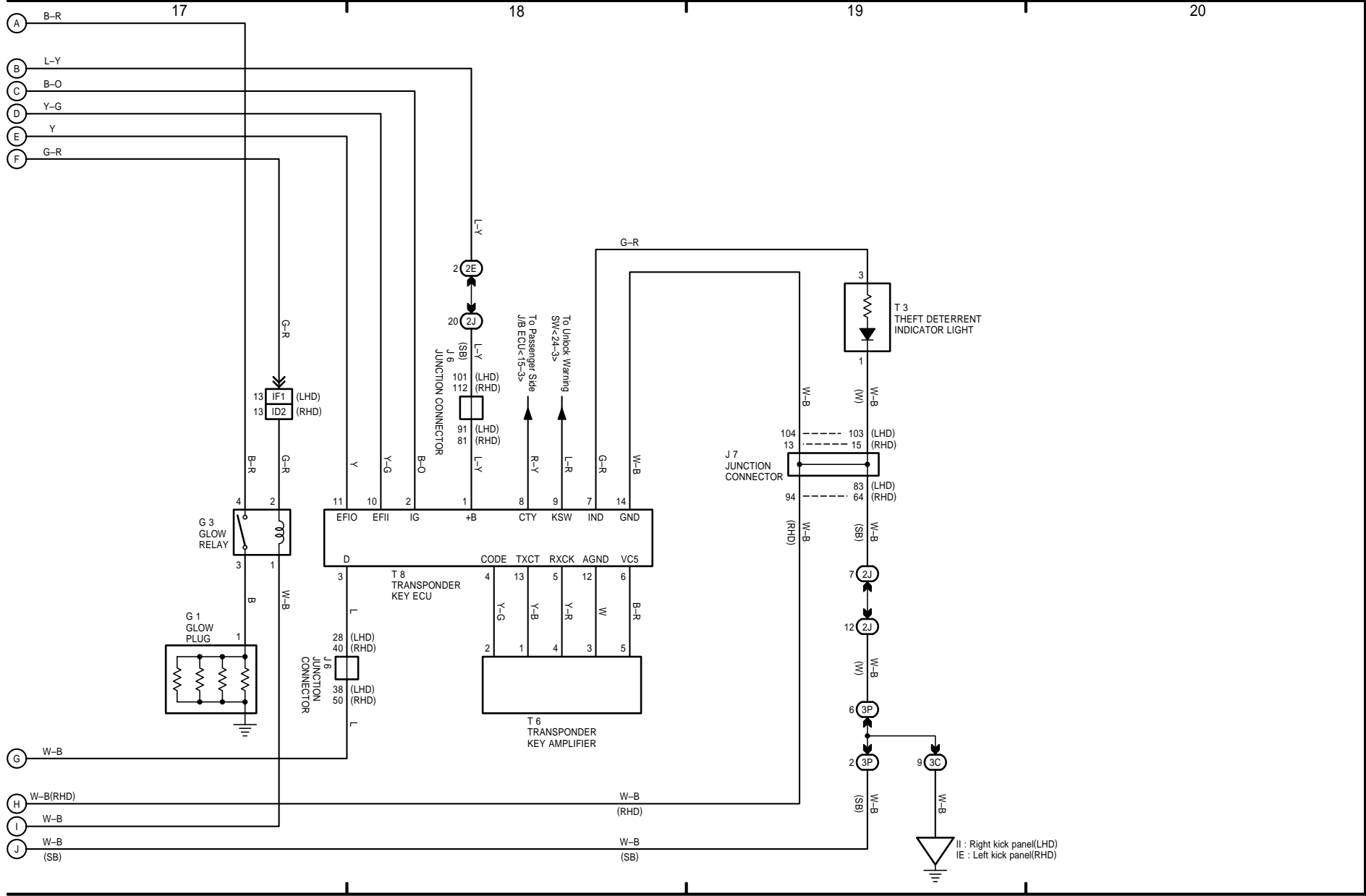
Engine Control (1CD-FTV)





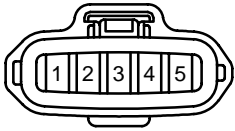
30 RAV4 (Cont' d)

Engine Immobiliser System (1CD-FTV)

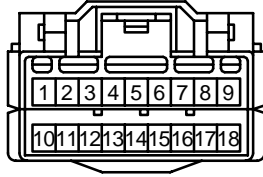


# CONNECTOR LIST

**A 8**  
Black



**A14**



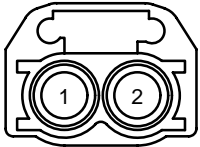
**A24**  
Black



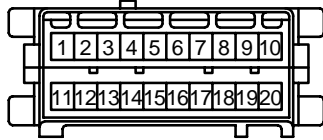
**C 1**  
Black



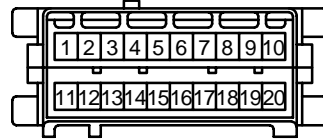
**C 4**  
Black



**C12**



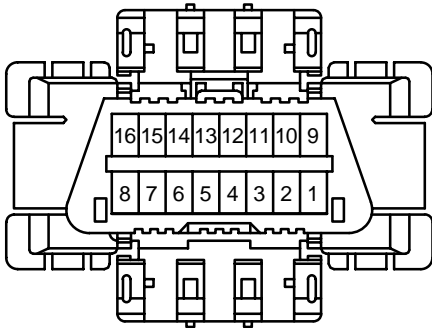
**C13**



**C17**



**D 3**



**D16**  
Gray



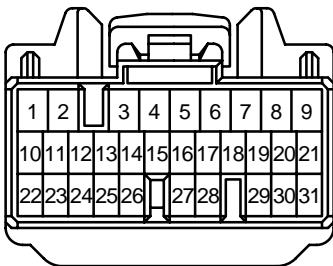
**D17**  
Gray



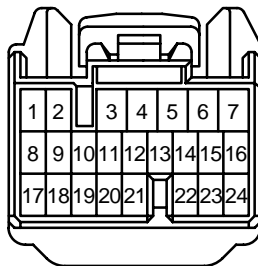
**D18**  
Black



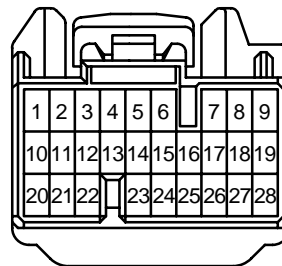
**E 3**



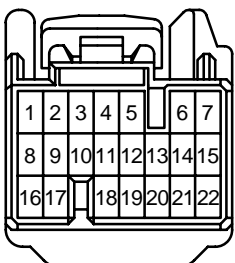
**E 4**



**E 6**



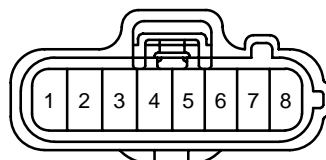
**E 7**



**E11**  
Black



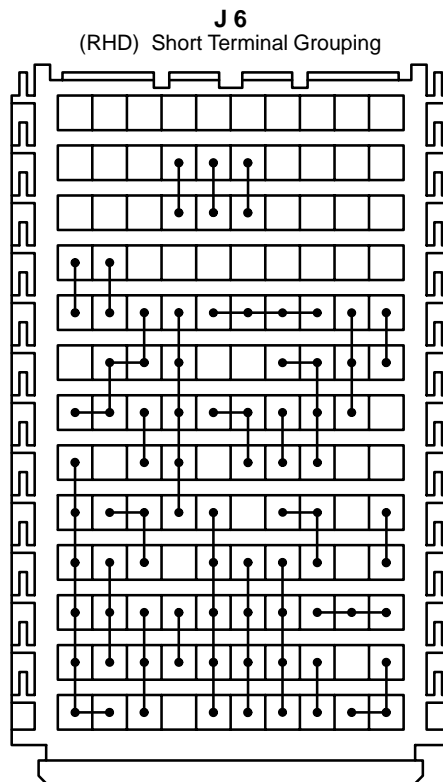
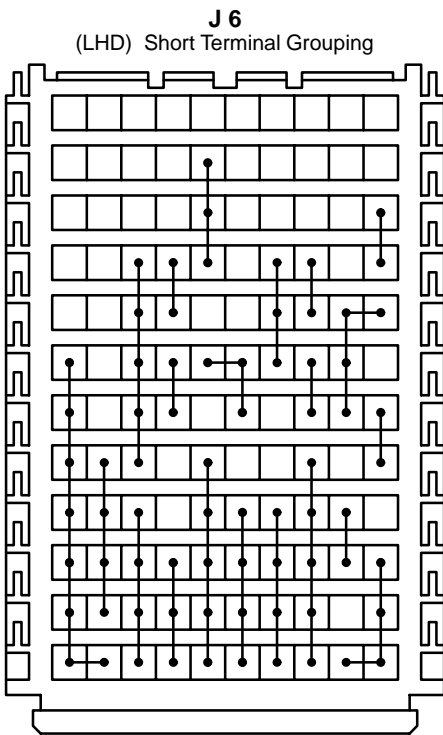
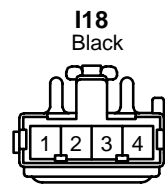
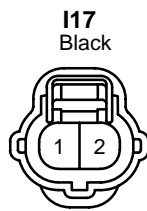
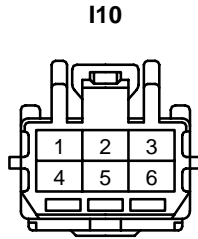
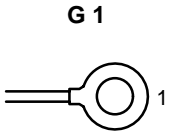
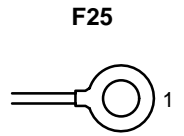
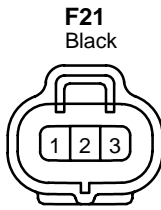
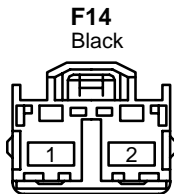
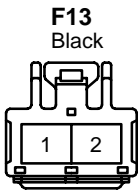
**E12**  
Black



**E13**  
Black



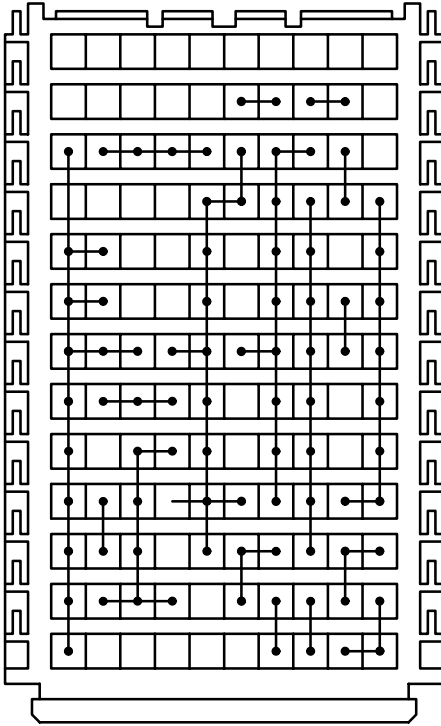
# CONNECTOR LIST



# CONNECTOR LIST

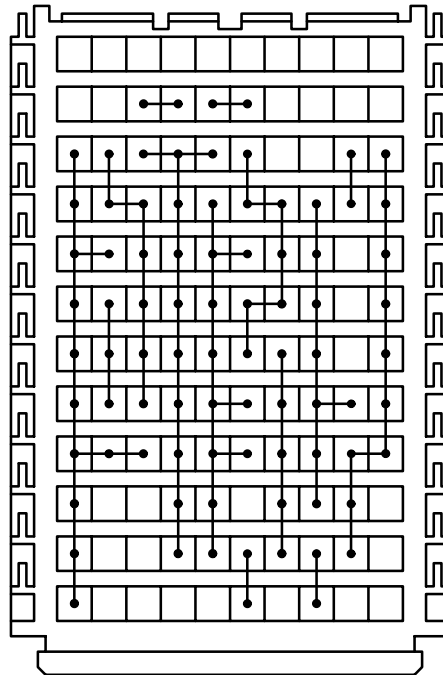
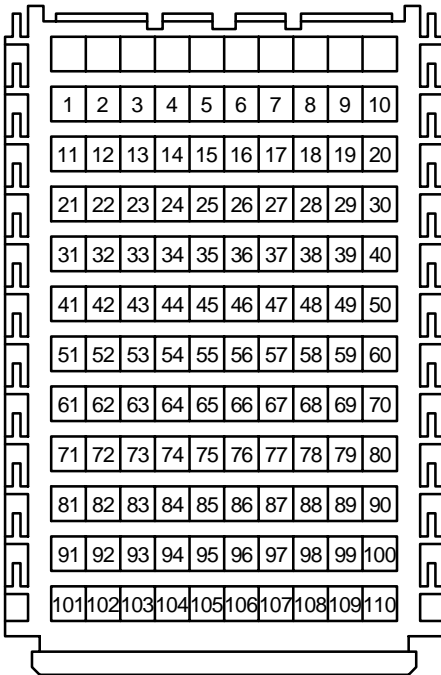
## J 7

(LHD) Short Terminal Grouping



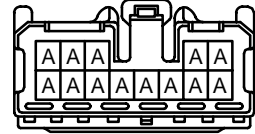
## J 7

(RHD) Short Terminal Grouping



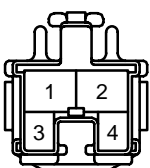
## J11

Black



### S11

Brown



### S14

Brown

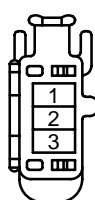


### S15

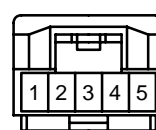
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### T 3

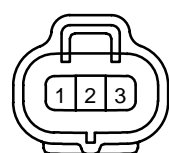


### T 6



### T 7

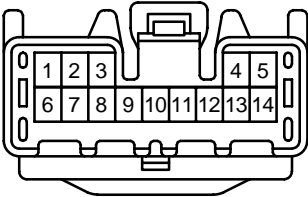
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# CONNECTOR LIST

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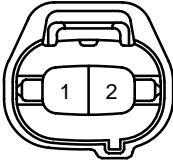
**T 8**



**V 5**  
Black



**V 6**  
Black



**W 3**  
Dark Gray

