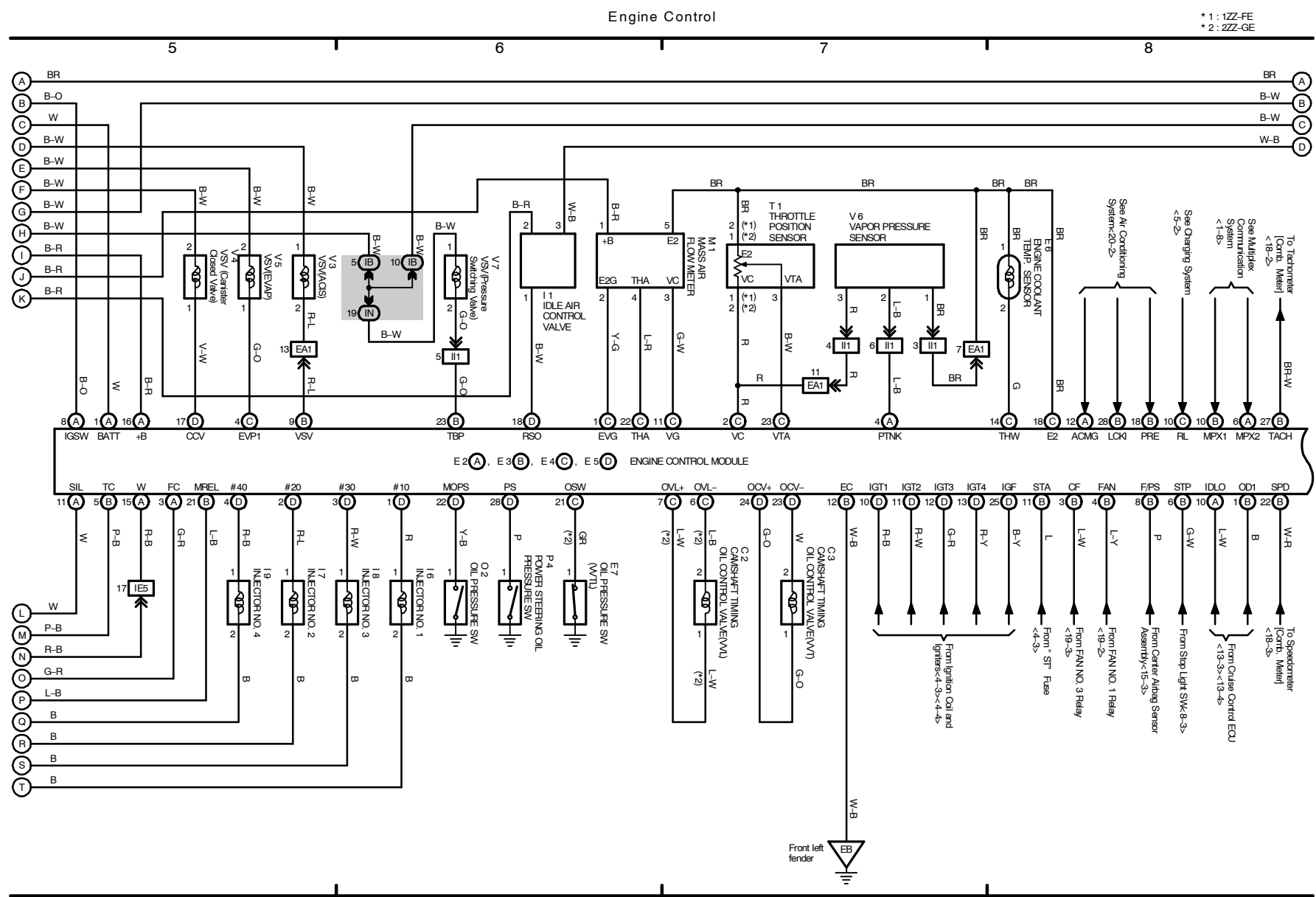


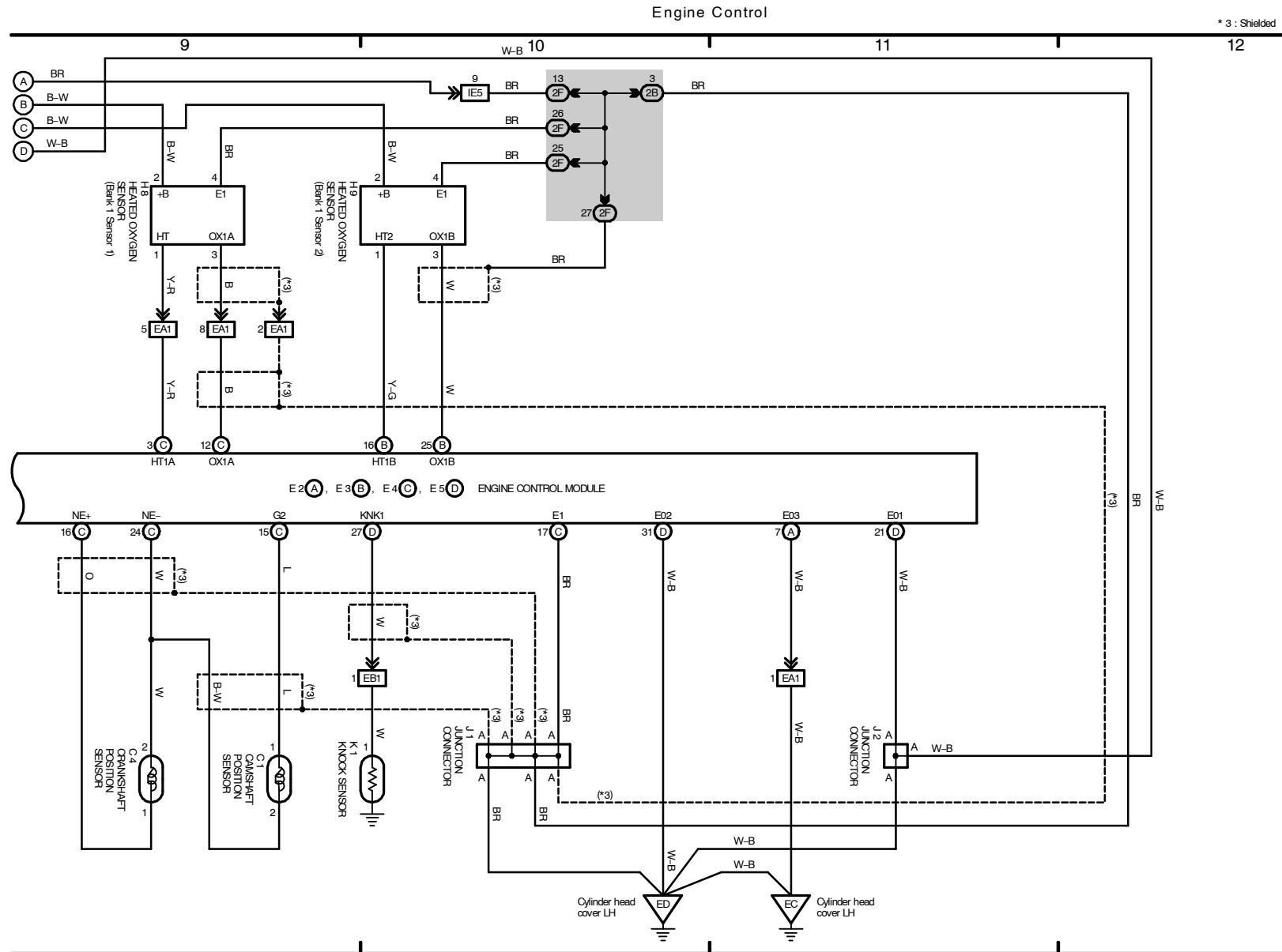
M OVERALL ELECTRICAL WIRING DIAGRAM

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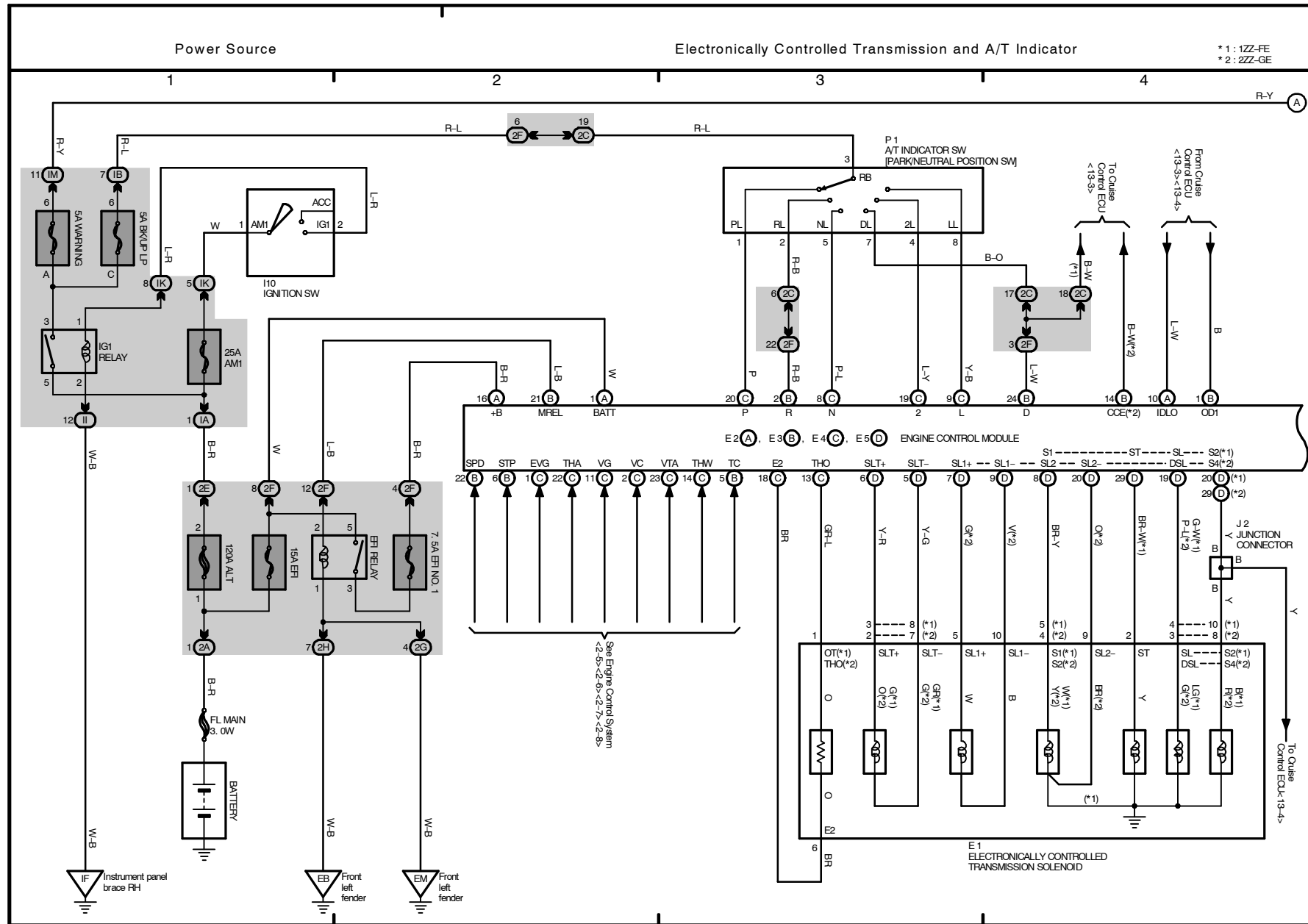


2001 CELICA (EWD432U)

2 CELICA (Cont' d)

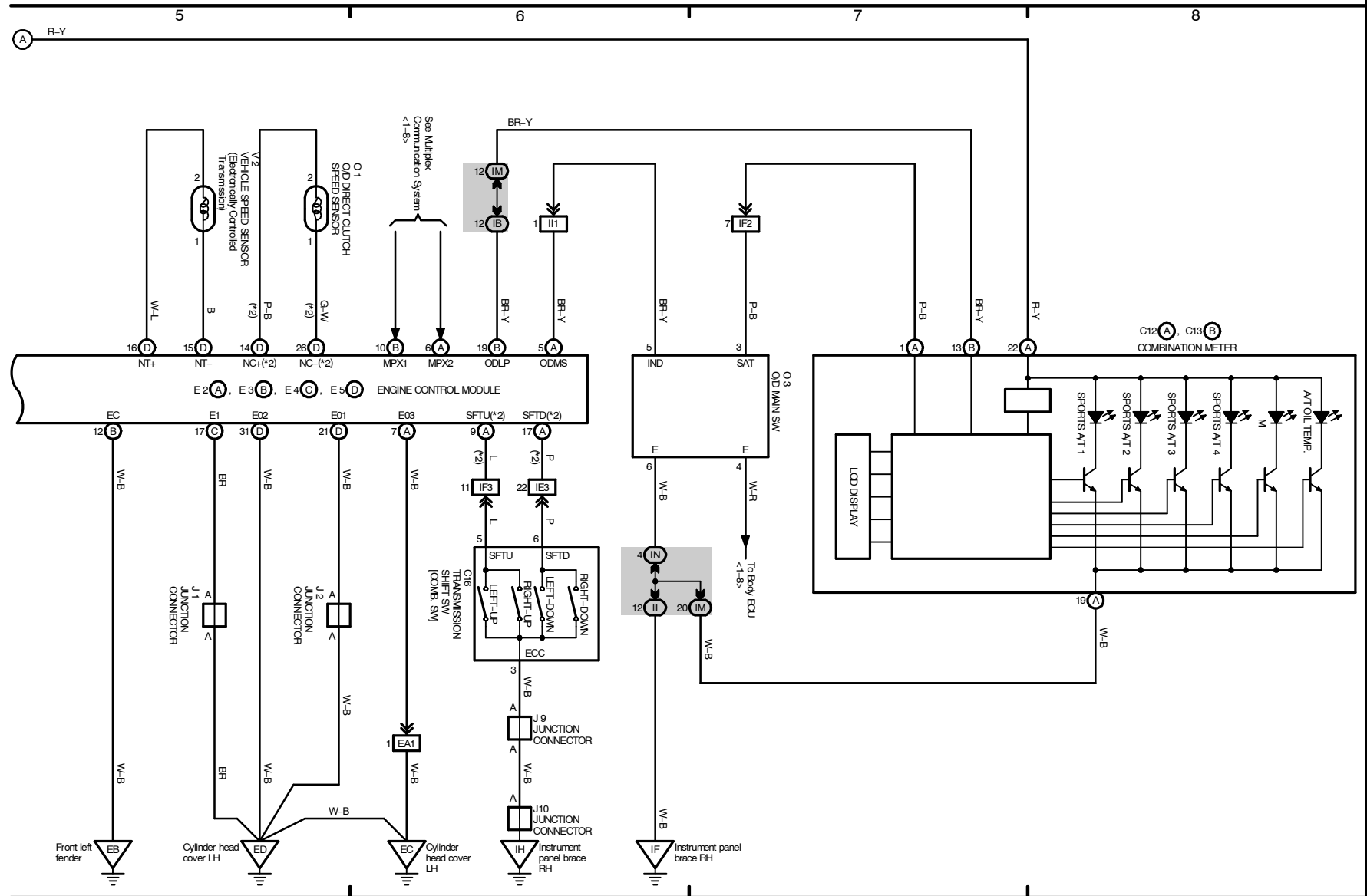


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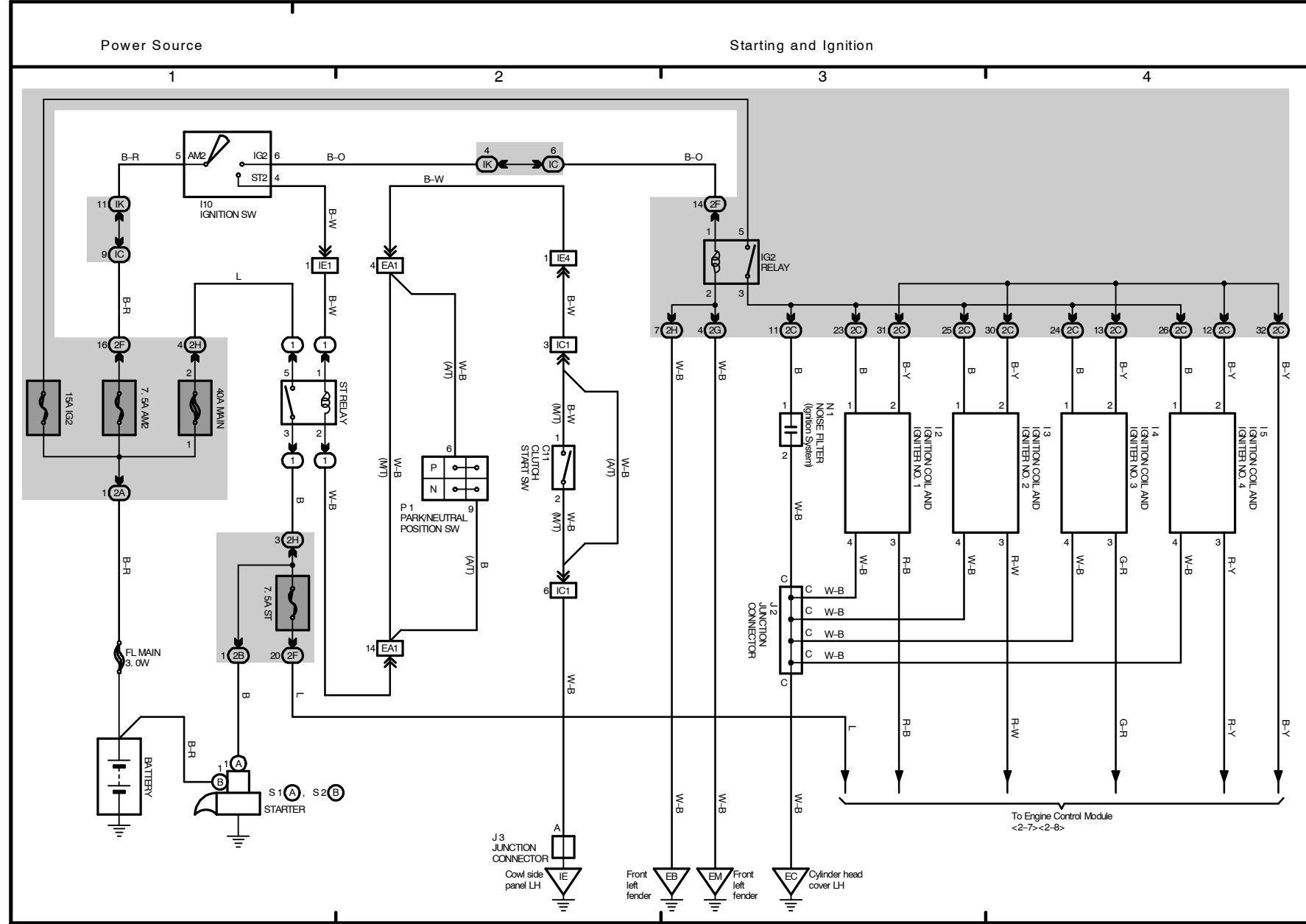
Electronically Controlled Transmission and A/T Indicator

* 2: 2ZZ-GE

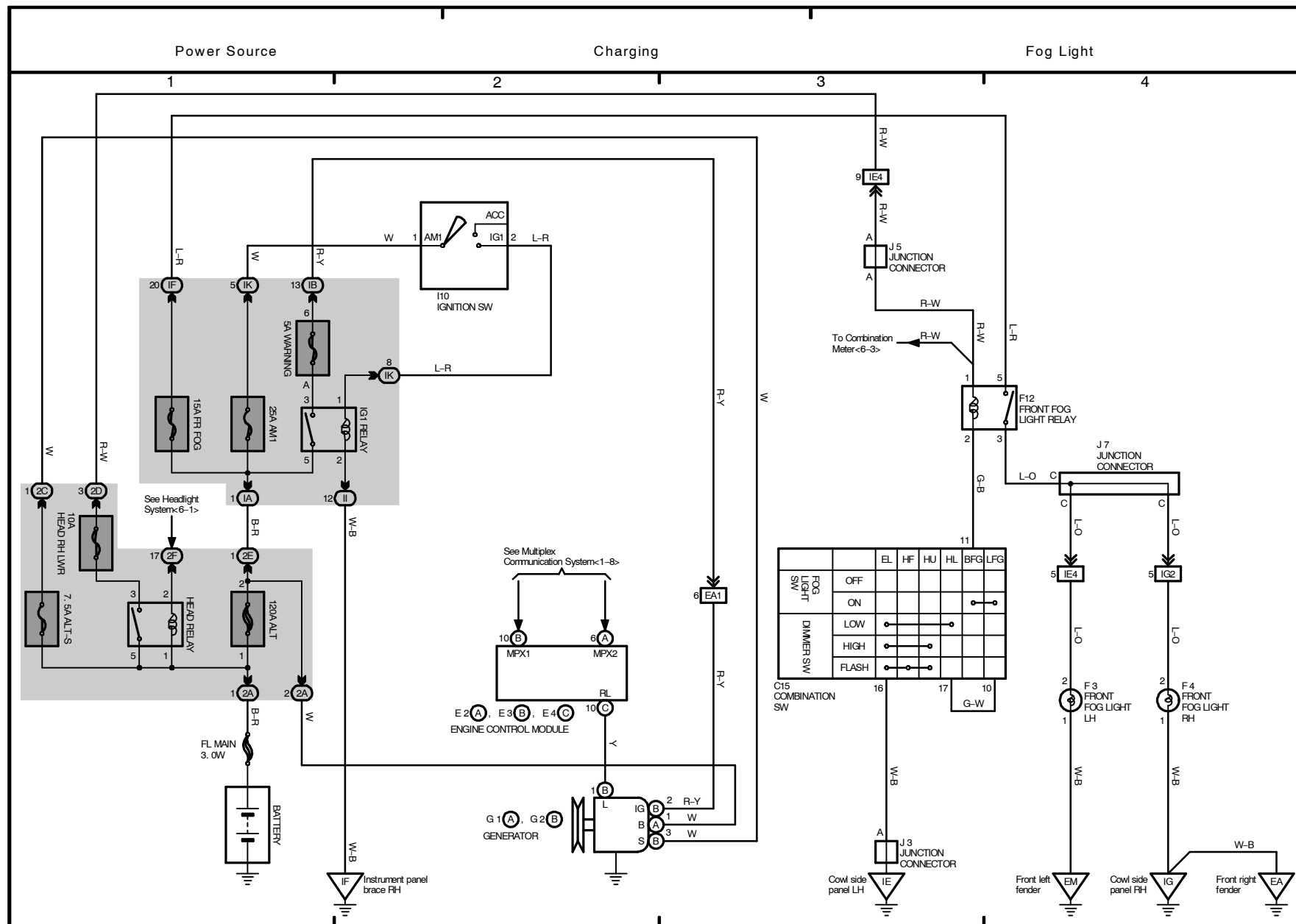


M OVERALL ELECTRICAL WIRING DIAGRAM

4 CELICA



2001 CELICA (EWD432U)



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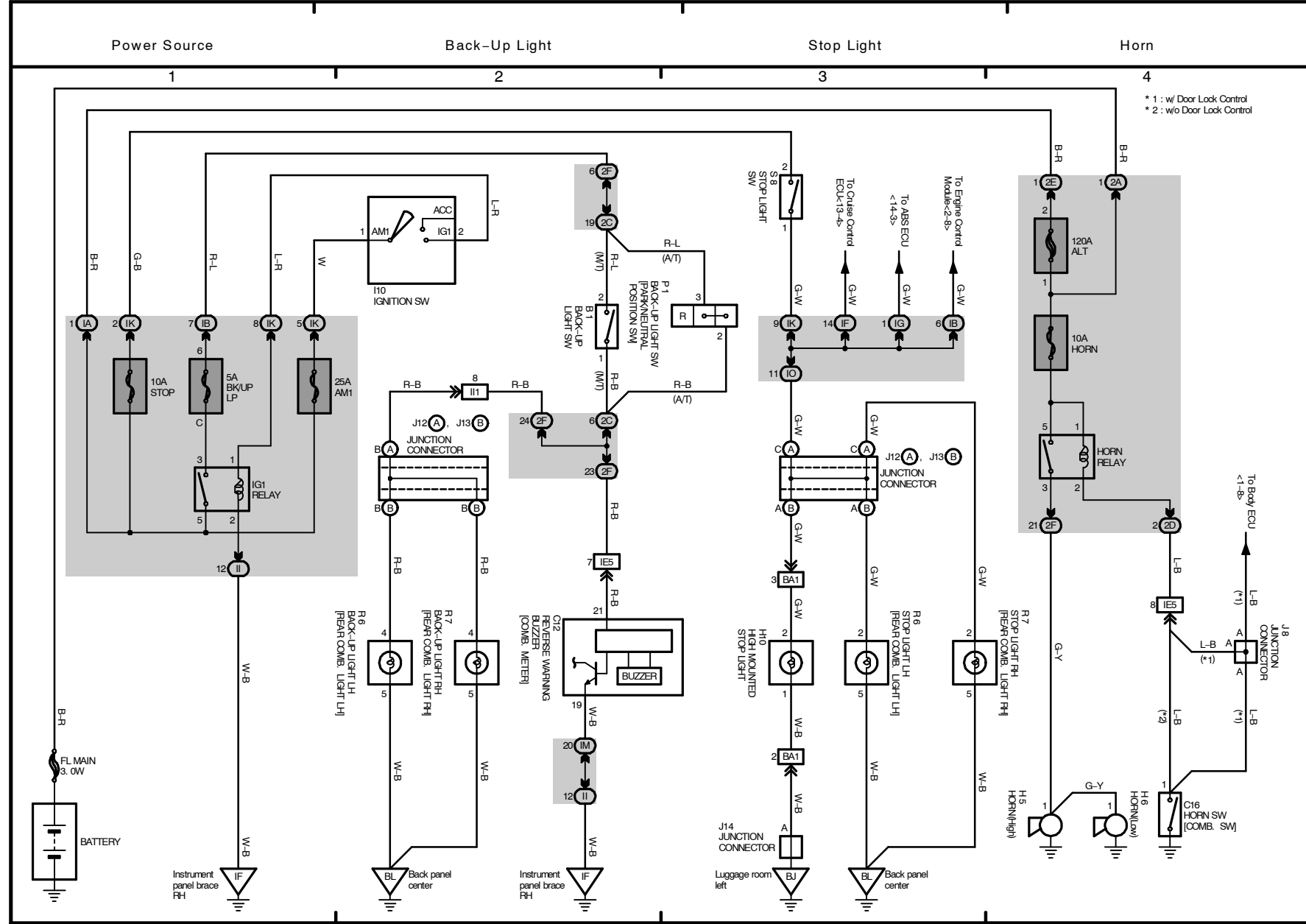
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M OVERALL ELECTRICAL WIRING DIAGRAM

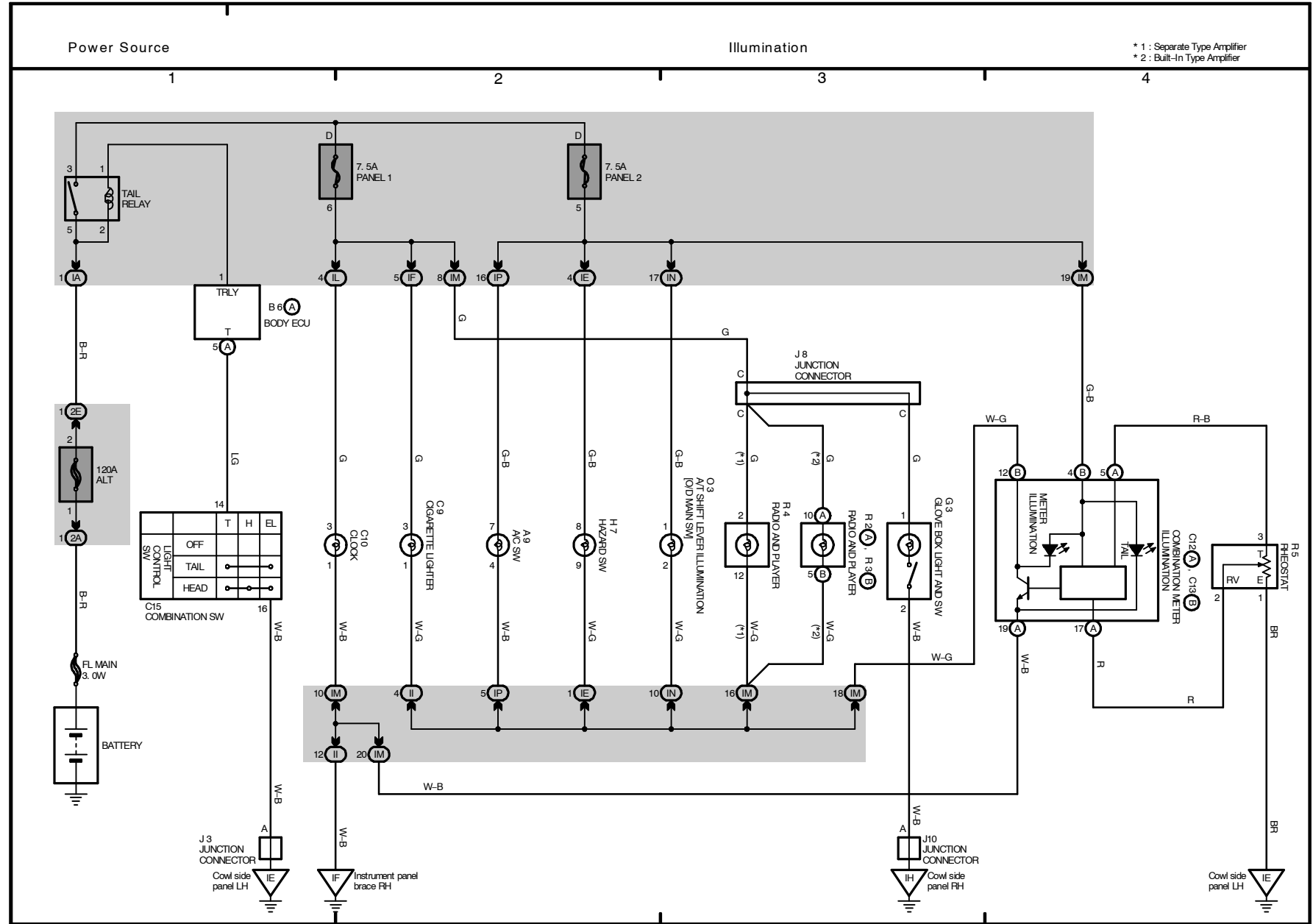
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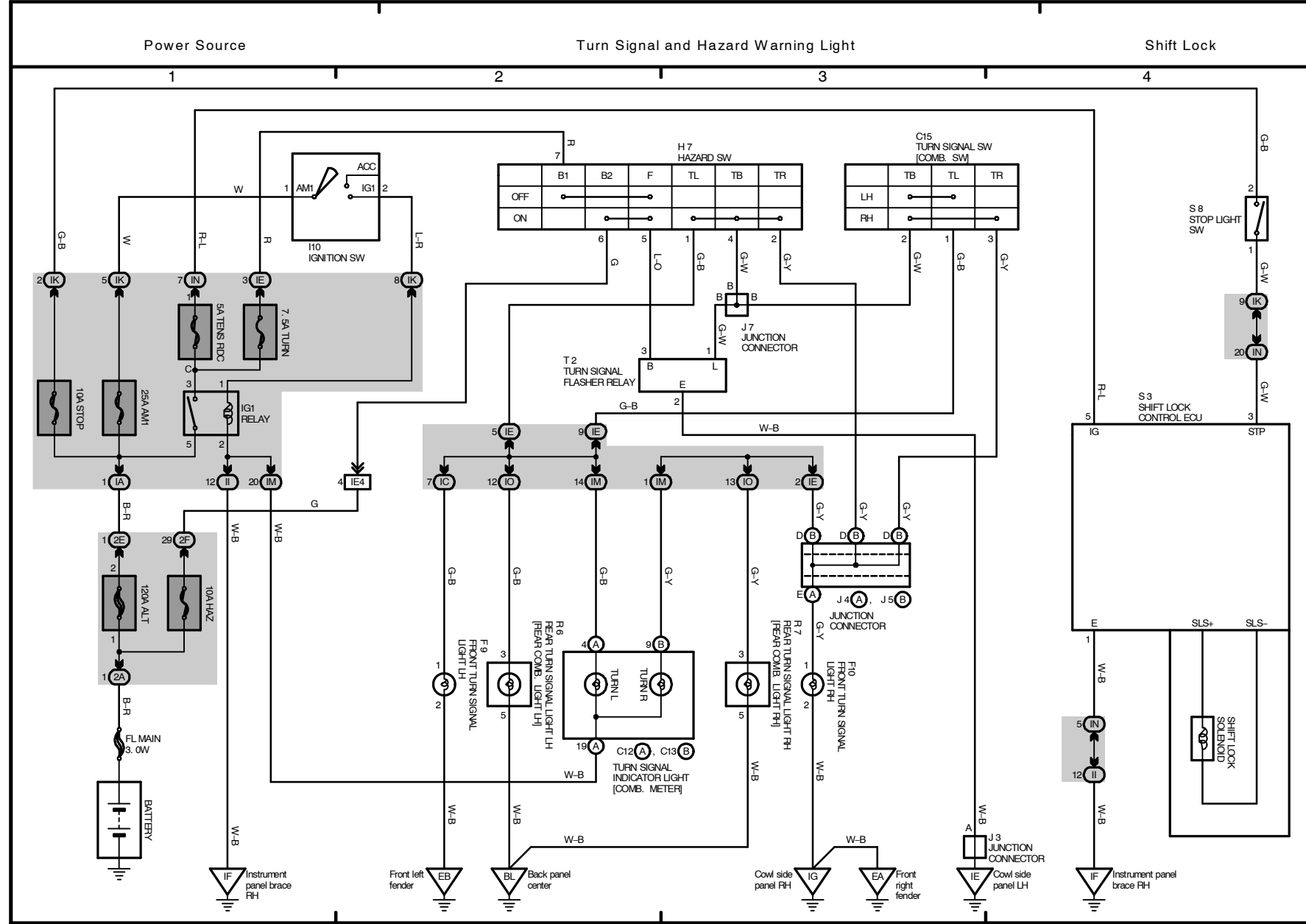
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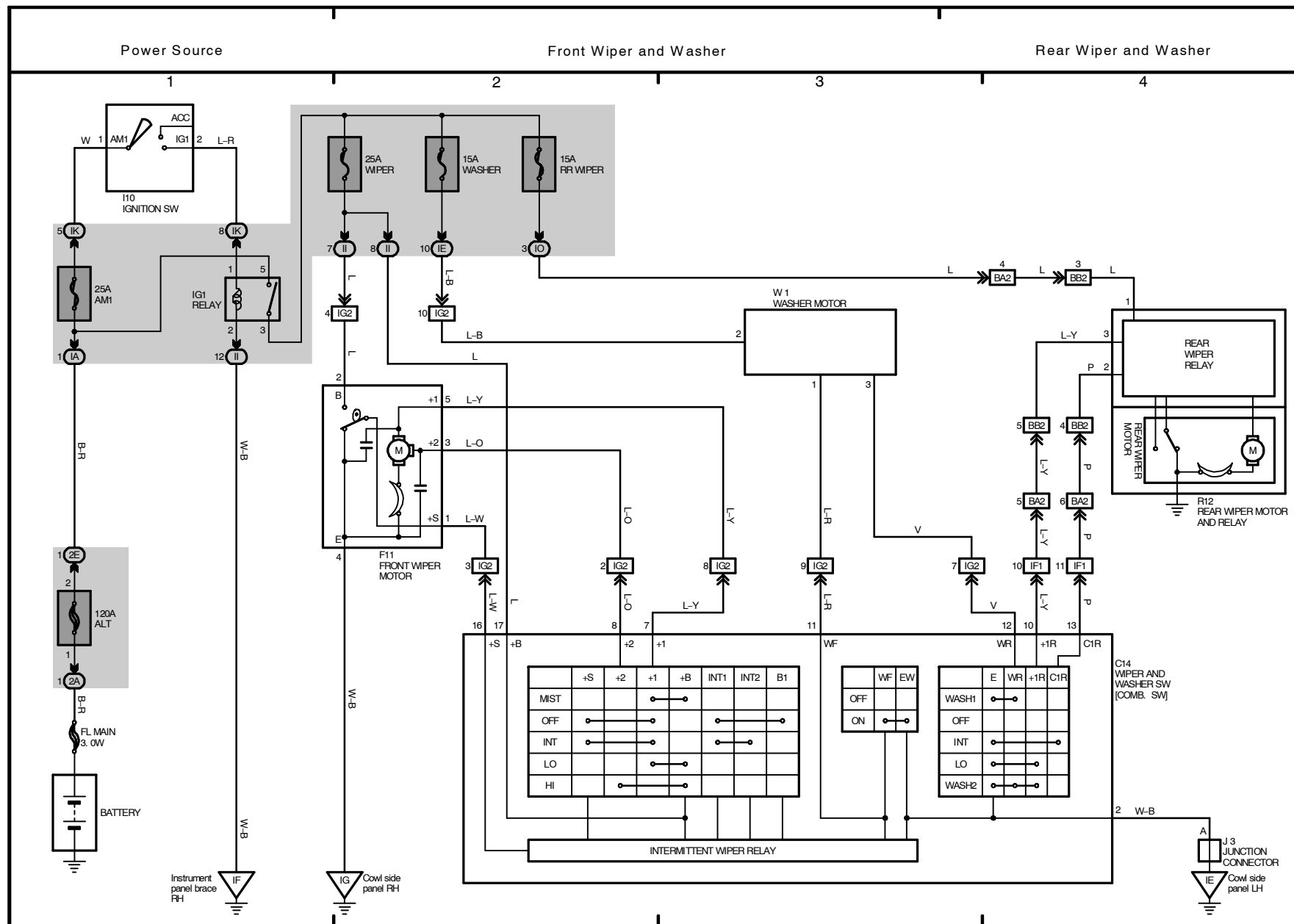


M OVERALL ELECTRICAL WIRING DIAGRAM

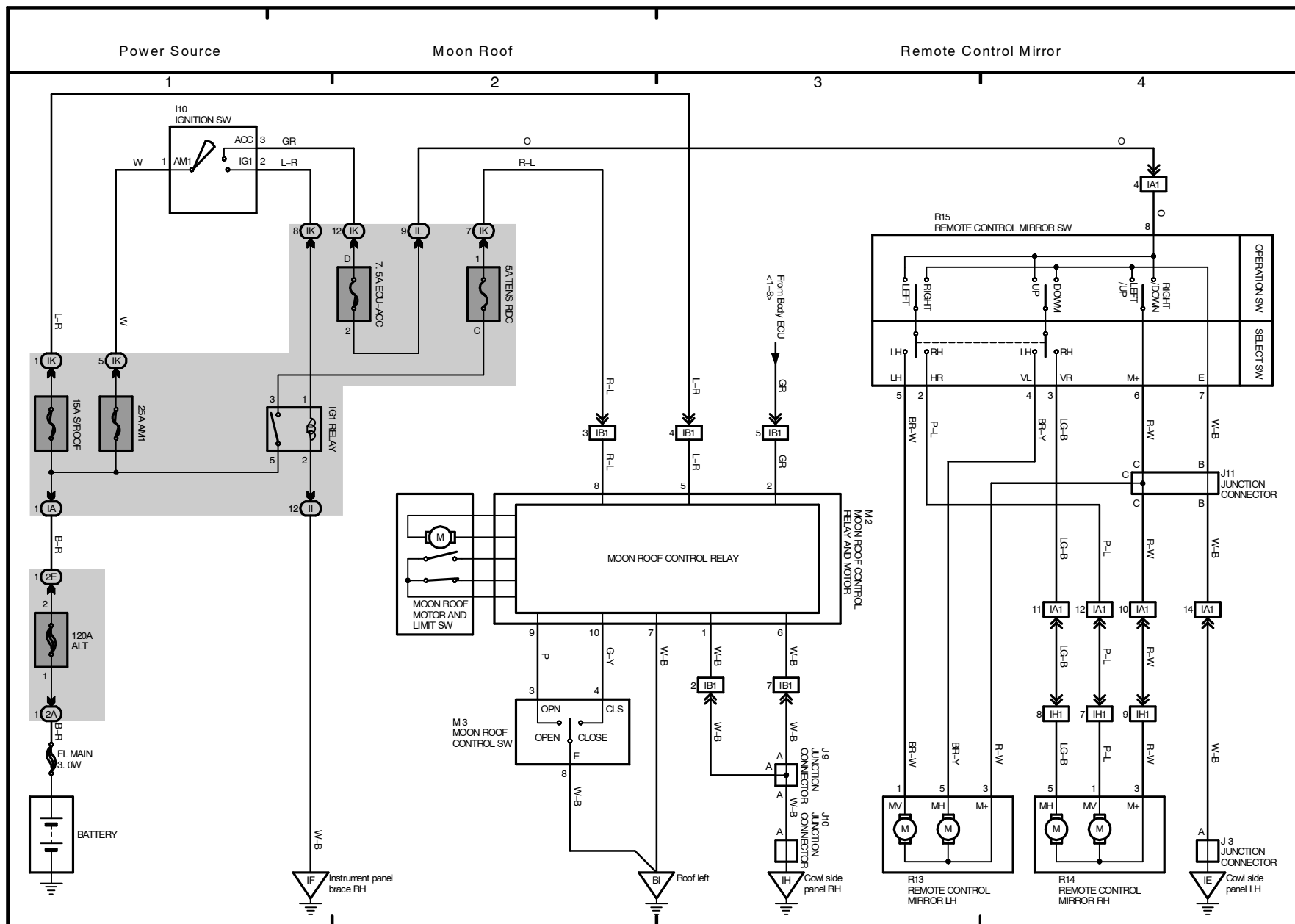
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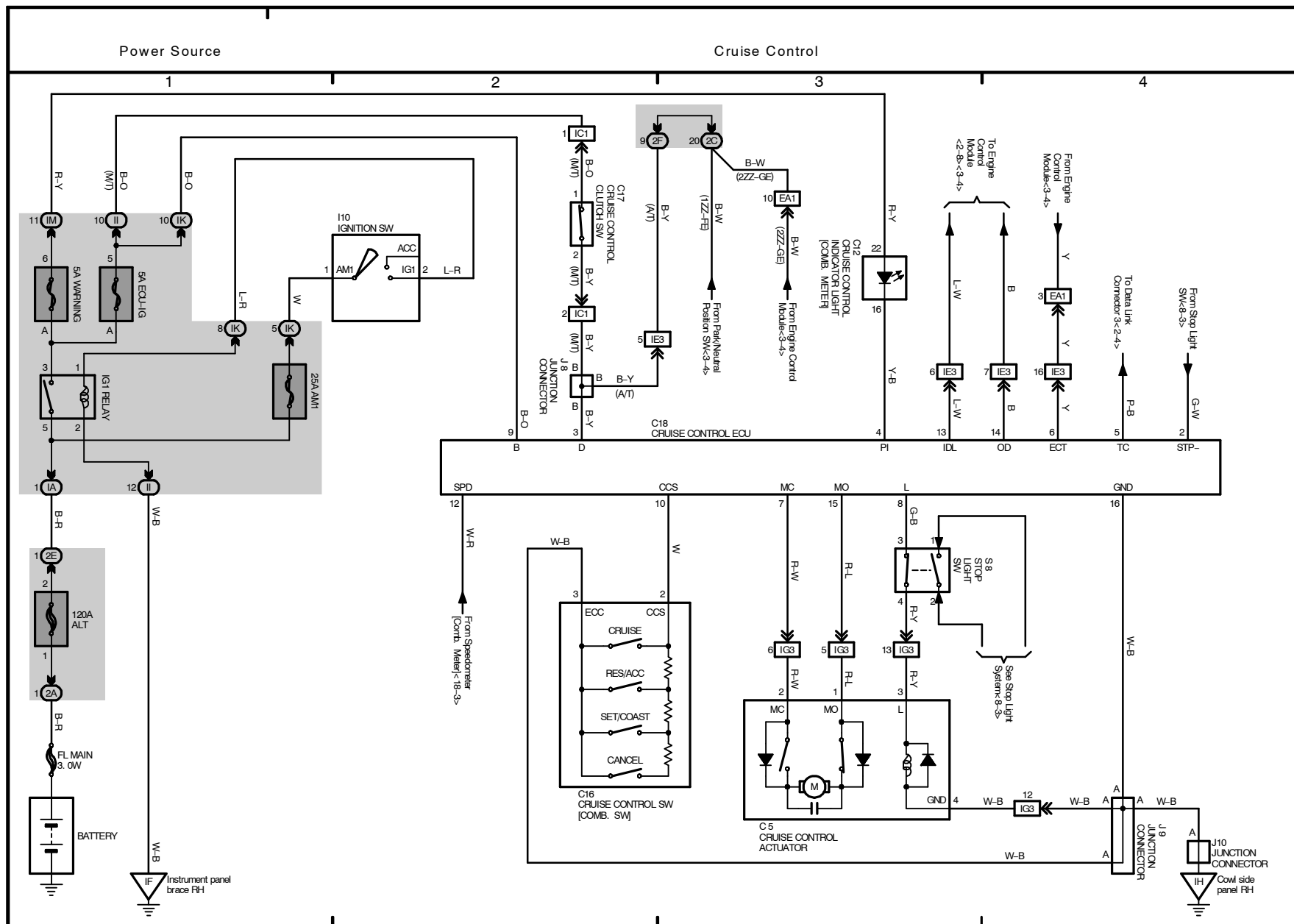


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2001 CELICA (EWD432U)





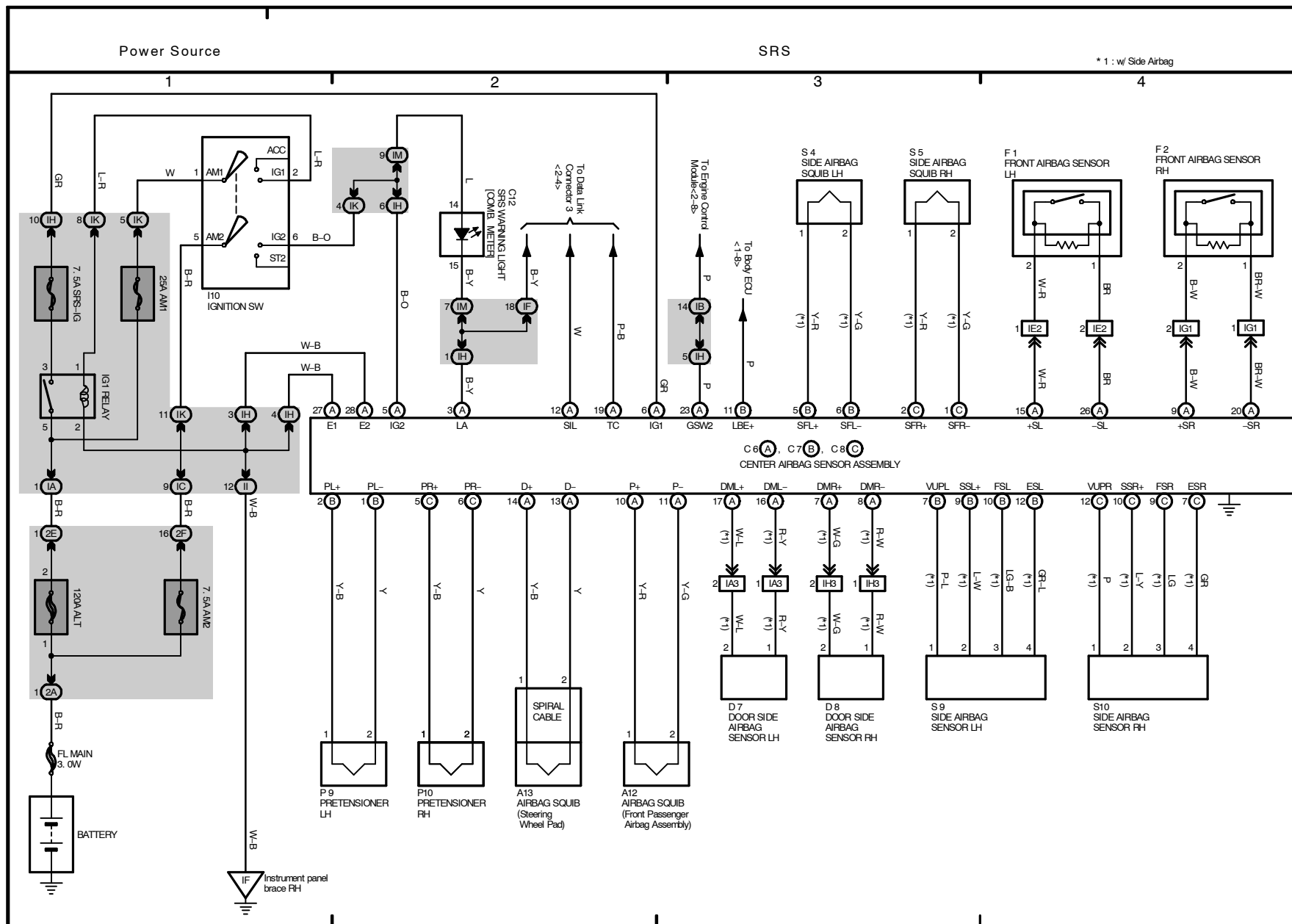
The diagram illustrates the electrical system for the ABS, divided into two main sections: Power Source and ABS.

Power Source Section:

- BATTERY:** Connected to the system via a main fuse (FL MAIN 3.0W).
- IGNITION SW:** Provides power to the ABS ECU (A10, A11) and the ABS solenoid valves (A4, A5).
- SA WARNING:** A warning lamp connected to the ABS system.
- SA ABS-IG:** A fuse for the ABS system.
- IG1 RELAY:** A relay that controls the power to the ABS ECU.
- 25A AMI:** A fuse for the ABS system.
- 25A ABS NO. 1:** A fuse for the ABS system.
- 25A ABS NO. 2:** A fuse for the ABS system.
- 120A ALT:** A fuse for the ABS system.
- FL MAIN 3.0W:** A fuse for the ABS system.

ABS Section:

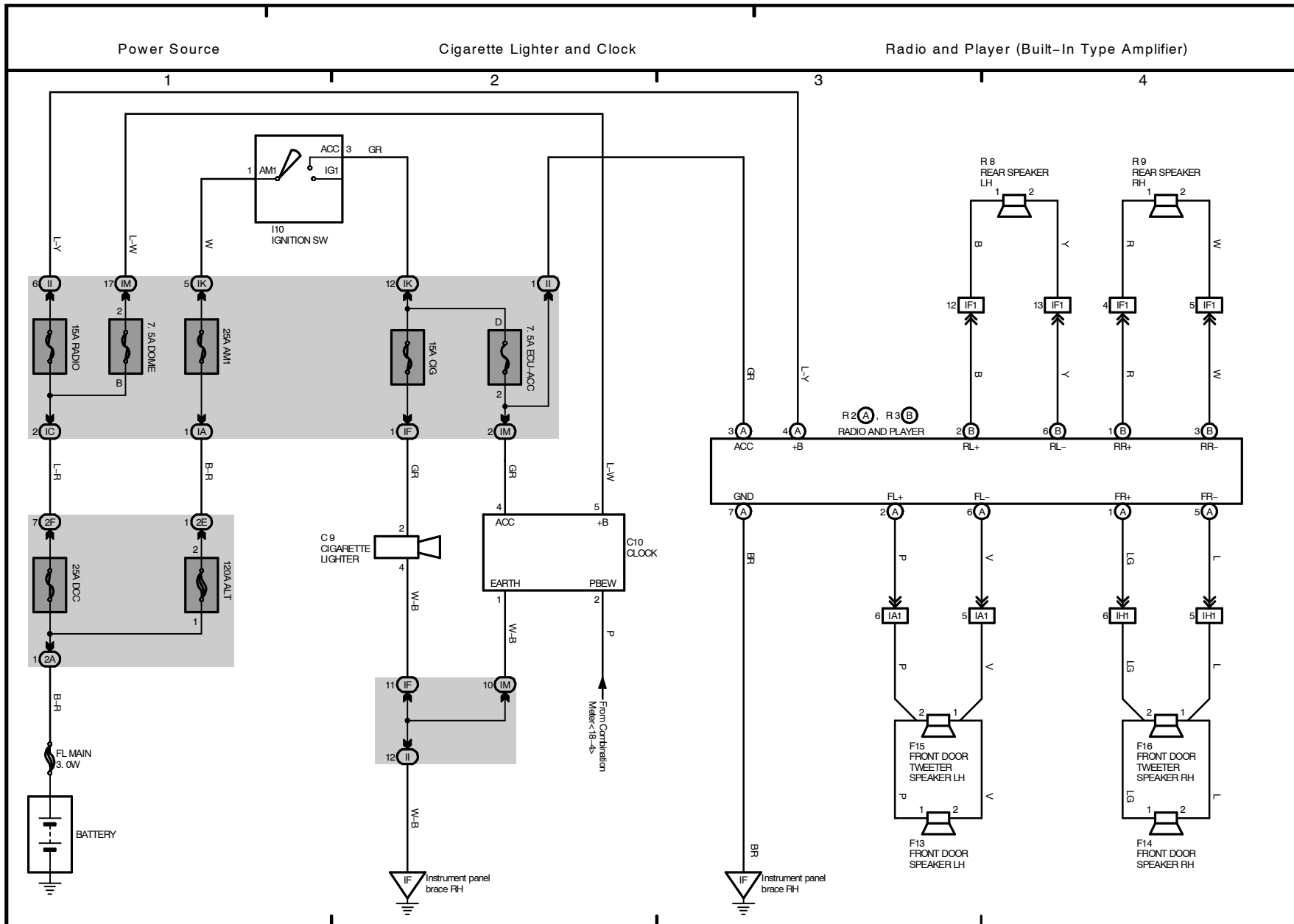
- ABS ECU (A10, A11):** The central control unit for the ABS.
- ABS SOL (A4, A5):** Solenoid valves that control the flow of brake fluid.
- ABS MTR (A12):** A motor that provides hydraulic pressure for the ABS.
- ABS RELAY (A13):** A relay that controls the power to the ABS solenoid valves.
- ABS SPEED SENSORS:** Sensors that monitor the speed of the front and rear wheels. These include:
 - A6 ABS SPEED SENSOR FRONT LH
 - A7 ABS SPEED SENSOR FRONT RH
 - A15 ABS SPEED SENSOR REAR LH
 - A16 ABS SPEED SENSOR REAR RH
- COMBINATION METER (C12, A, C13, B):** A meter that displays the ABS status and wheel speed.
- Instrument panel:** Includes the parking brake switch (P3) and the instrument panel brace RH.
- Wiring:** The diagram shows the wiring for the ABS system, including the power source, ABS ECU, solenoid valves, and speed sensors. The wiring is color-coded and labeled with letters and numbers.

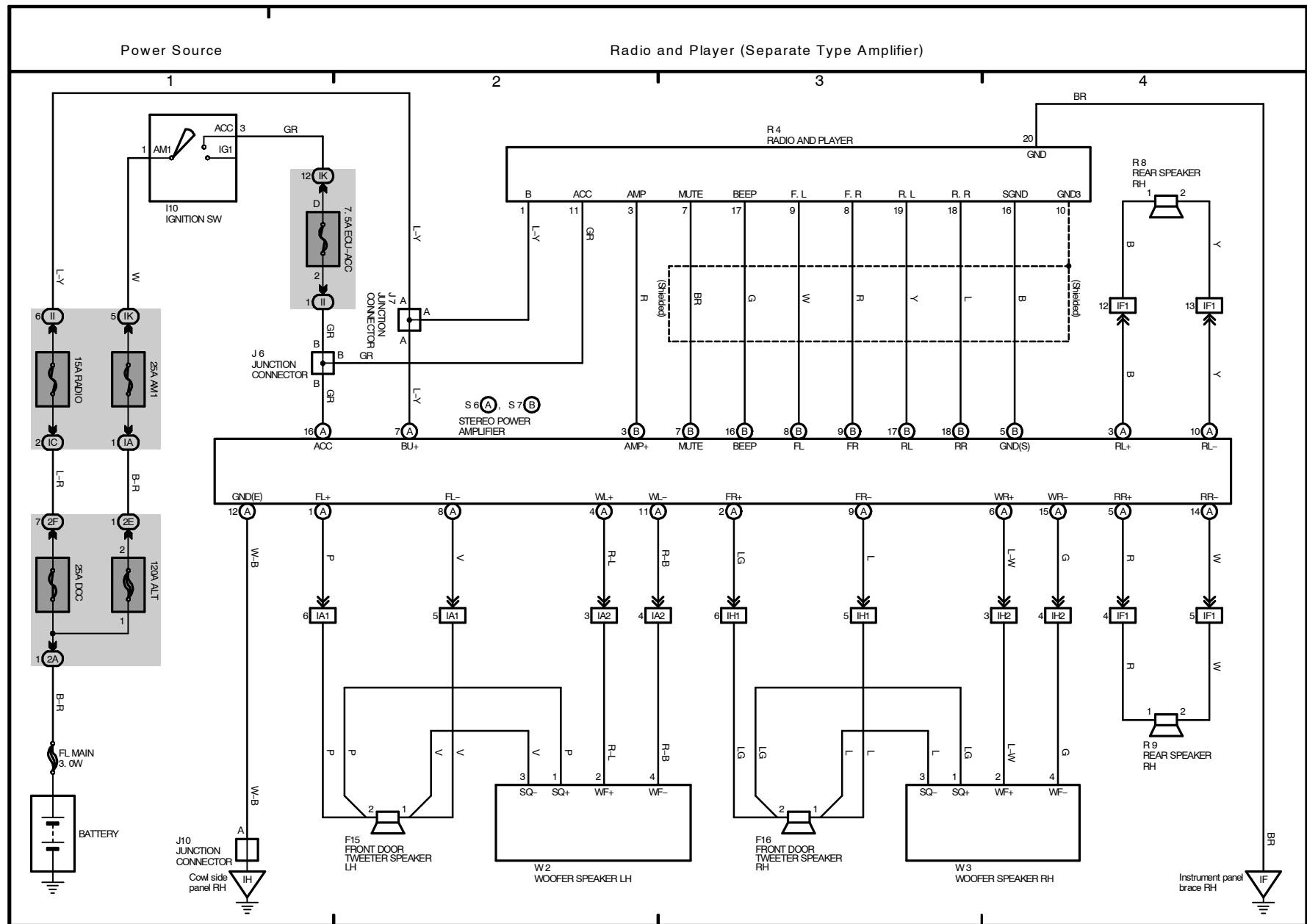


M OVERALL ELECTRICAL WIRING DIAGRAM

16 CELICA

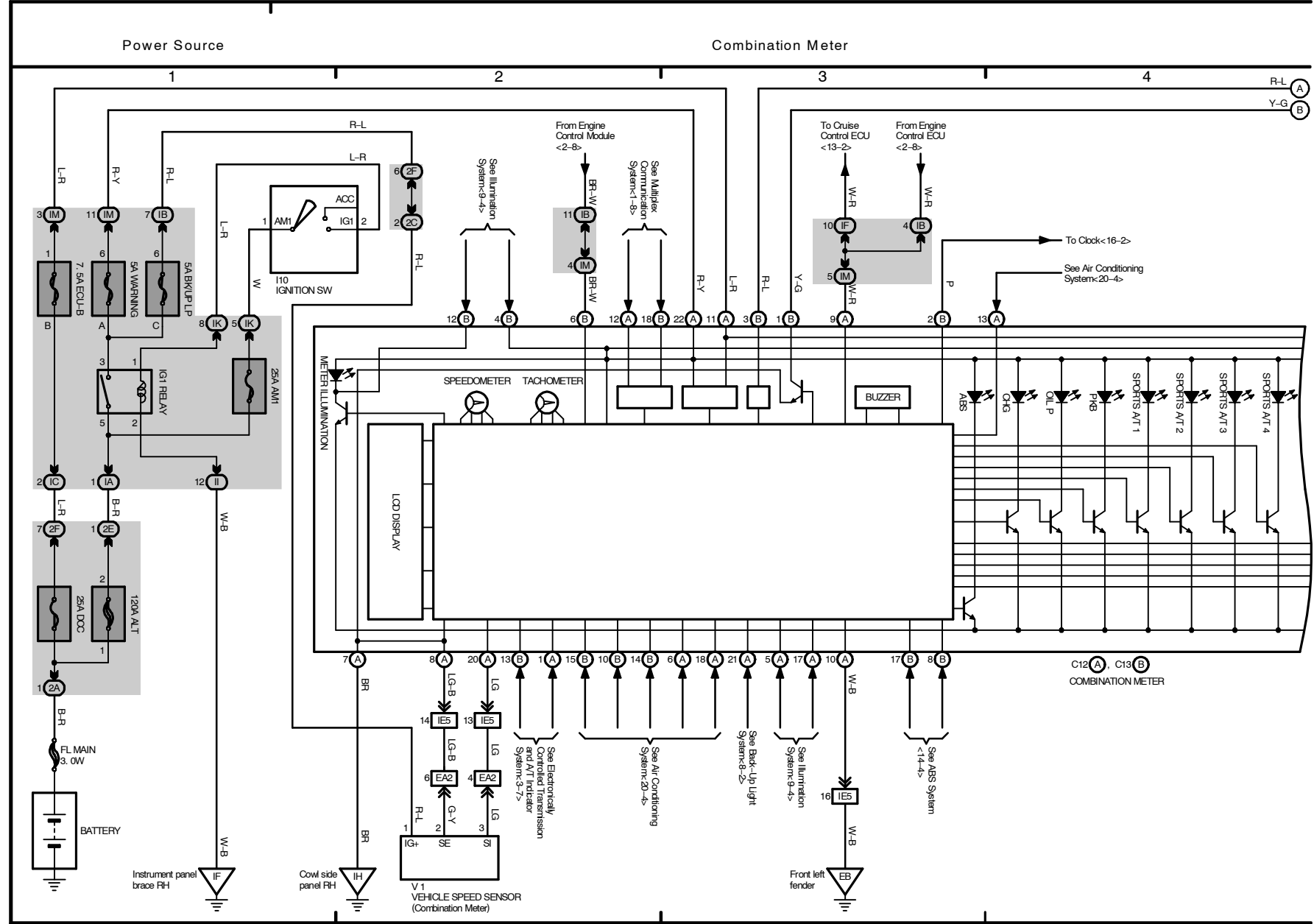
2001 CELICA (EWD432U)



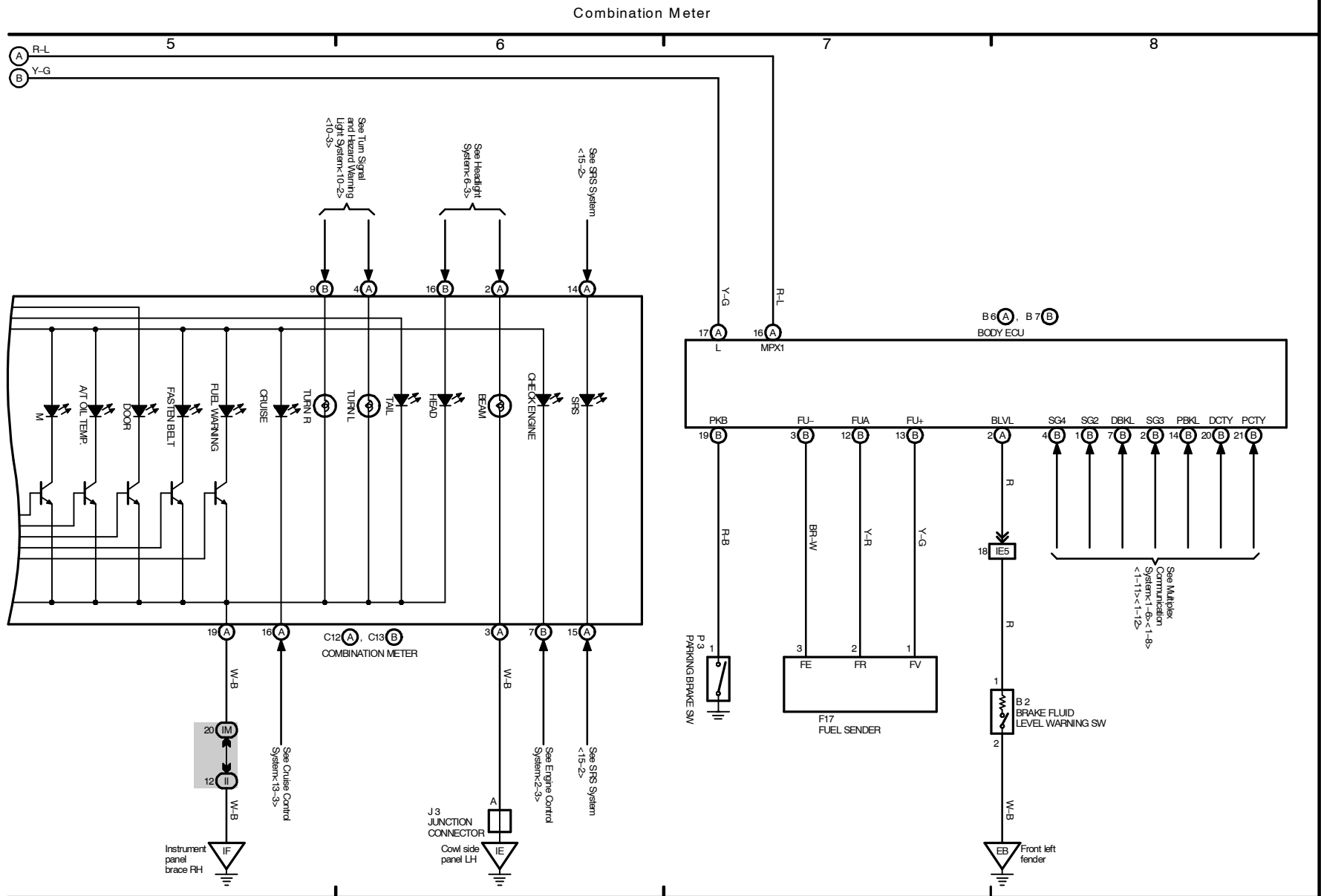


M OVERALL ELECTRICAL WIRING DIAGRAM

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2001 CELICA (EWD432U)



The diagram is a comprehensive wiring schematic for a vehicle's electrical system, organized into four main functional areas:

- Power Source (Section 1):** Shows the battery connected to the main power distribution. It includes the Ignition SW (I10) and the A/C Single Pressure SW (A3).
- Radiator Fan and Condenser Fan (Section 2):** Details the control for the Radiator Fan Motor (R1) and the A/C Condenser Fan Motor (A1). It features three relays (FAN NO. 1, 2, and 3) and various sensors like the IES and IG2.
- Rear Window Defogger (Section 3):** Illustrates the circuit for the Rear Window Defogger, including the DEF RELAY, DEF BATT, and the DEF FOGGER itself. It also shows the connection to the BODY ECU.
- Section 4:** This section shows the wiring for the instrument panel, including the instrument panel brace RH (IF) and the instrument panel brace LH (IF).

The diagram uses a color-coded system for wire identification: Green for the Ignition system, Yellow for the A/C system, and Red for the Defogger system. Wire colors and terminal numbers are clearly labeled throughout the schematic to ensure accurate installation.

