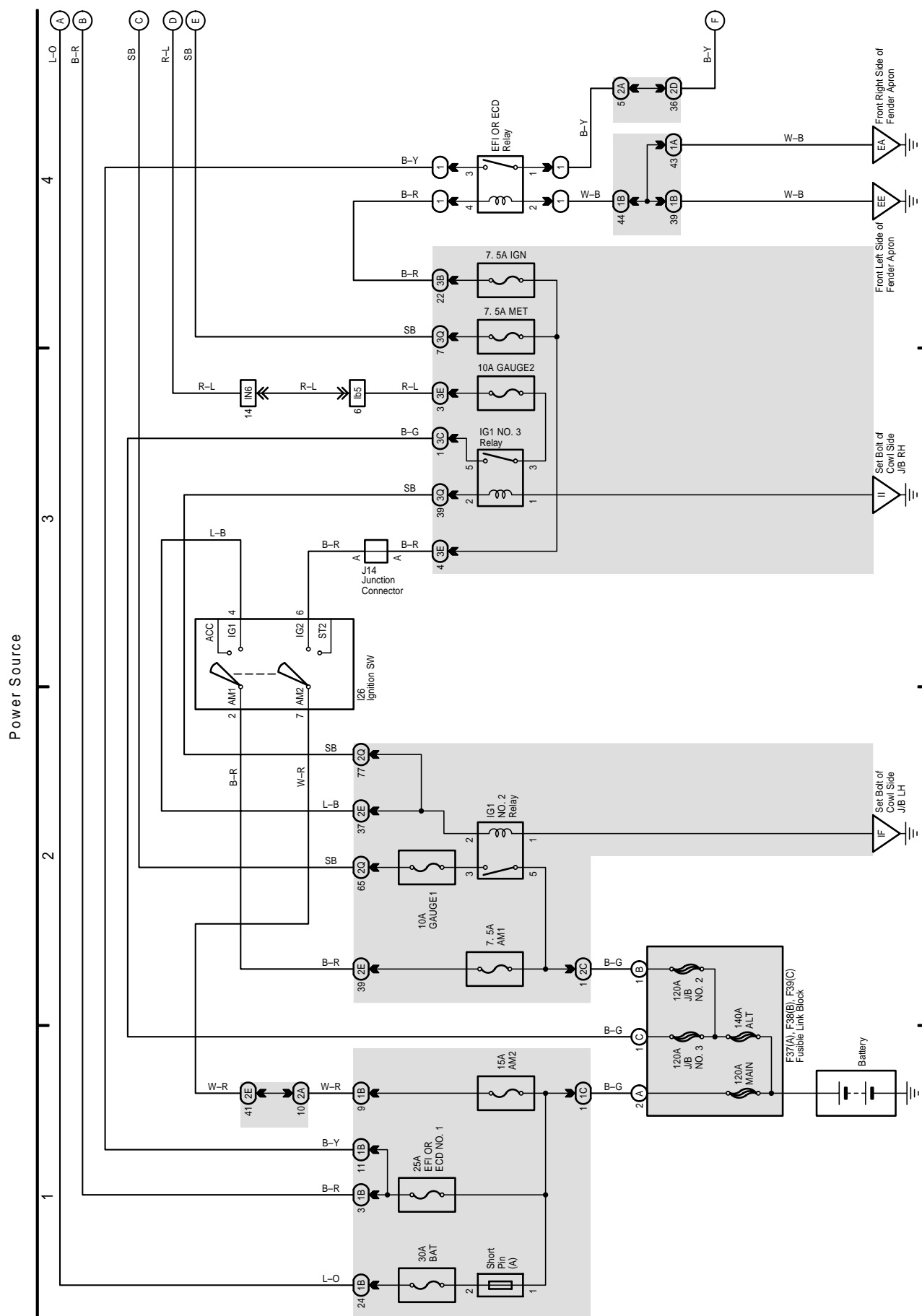


**(Cont. next page)**

## 12 LAND CRUISER (LHD)



This wiring diagram illustrates the electrical connections for the ECU of a 1.8L 16V engine. The diagram is organized into sections labeled 5 through 8, corresponding to different functional areas.

**Section 5: Power and Grounding**

- BATT (Battery):** Connected to the ECU via a 12V battery terminal.
- IG1 (Ignition 1):** Connected to the ECU via a 12V battery terminal.
- IG2 (Ignition 2):** Connected to the ECU via a 12V battery terminal.
- Speed Sensor (ECT):** Connected to the ECU via a 12V battery terminal.
- Detection SW (Transfer L Position):** Connected to the ECU via a 12V battery terminal.

**Section 6: Starting System**

- STA (Starting):** Connected to the ECU via a 12V battery terminal.
- NSW (Neutral Switching):** Connected to the ECU via a 12V battery terminal.

**Section 7: Engine Control and Fuel Tank Changeover System**

- THA (Throttle Position Sensor):** Connected to the ECU via a 12V battery terminal.
- VAF (Vacuum Actuator Feedback):** Connected to the ECU via a 12V battery terminal.
- VC (Vacuum Control):** Connected to the ECU via a 12V battery terminal.
- PIM (Pressure Indication Monitor):** Connected to the ECU via a 12V battery terminal.
- THW (Throttle Water Temperature):** Connected to the ECU via a 12V battery terminal.
- STP (Stop):** Connected to the ECU via a 12V battery terminal.
- SPD (Speed):** Connected to the ECU via a 12V battery terminal.
- TC (Throttle Control):** Connected to the ECU via a 12V battery terminal.
- SIL (Signal Input Line):** Connected to the ECU via a 12V battery terminal.

**Section 8: Detection and Control**

- Detection SW (Transfer Neutral Position):** Connected to the ECU via a 12V battery terminal.
- Y-G (Yellow-Green):** Connected to the ECU via a 12V battery terminal.
- Y (Yellow):** Connected to the ECU via a 12V battery terminal.
- SB (Signal Bank):** Connected to the ECU via a 12V battery terminal.
- EC (Engine Control):** Connected to the ECU via a 12V battery terminal.
- EC1 (ECT Solenoid):** Connected to the ECU via a 12V battery terminal.
- EC2 (ECT Solenoid):** Connected to the ECU via a 12V battery terminal.
- EC3 (ECT Solenoid):** Connected to the ECU via a 12V battery terminal.
- EC4 (ECT Solenoid):** Connected to the ECU via a 12V battery terminal.

**Legend:**

- \* 1 : China, Saudi Arabia, Peru
- \* 2 : Except \*1

# H OVERALL ELECTRICAL WIRING DIAGRAM

## 12 LAND CRUISER (LHD) (Cont' d)

### ECT and A/T Indicator (1FZ-FE)

\* 1 : China, Saudi Arabia, Peru  
\* 2 : Except \*1

