

SD110-10

The diagram illustrates the electrical architecture of a vehicle, centered around a 60A battery (B+5) and a 60A fuse (SD110-4). The system is divided into several functional areas:

- Power Distribution:** The battery feeds into a 60A fuse, which then branches into several main lines: 0.75W (white), 0.85P (pink), 0.3W (white), 2.0P (pink), 1.25O (orange), 1.25L (blue), 1.25P (pink), 0.5G (green), 0.5W (white), 0.5G/O (green/white), 0.3O (orange), 0.85G (green), 0.85Y (yellow), and 0.58Br (brown).
- Control Units:**
 - TCU1 (10A):** Connected to the 0.75W line.
 - ECU2 (10A):** Connected to the 0.85P line.
 - ECU1 (20A):** Connected to the 0.3W line.
 - ECU11:** A central control unit with multiple inputs and outputs, including 0.5G, 0.5W, 0.5G/O, 0.3O, 0.85G, 0.85Y, and 0.58Br.
- Sensors and Actuators:**
 - Engine Control Relay:** Controlled by ECU2, it powers the fuel pump (20A) and fuel injectors (15A).
 - Ignition System:** Includes four ignition coils (点火线圈#1 to #4) and four ignition coils (点火线圈#3 to #4), controlled by ECU1 and ECU11.
 - Fuel System:** Includes a fuel pump (燃油泵) and fuel injectors (燃油嘴), controlled by ECU2.
 - Sensors:** Includes oxygen sensors (氧传感器#1, #2), a temperature sensor (温度传感器), a pressure sensor (压力传感器), and a fuel sensor (燃油传感器).
 - Other Components:** Includes a TCM (Transmission Control Module), an ECM (Engine Control Module), a cooling fan relay (冷却风扇继电器), and a purge control solenoid (净化控制电磁阀).

The diagram uses a color-coded system to identify wires and includes pin numbers for each component, ensuring accurate installation and troubleshooting.