

SD588-2

The diagram illustrates the wiring for the ESP control module, showing its connections to various vehicle components and sensors. The module is represented as a central blue box with multiple pins and signal lines.

Key Components and Connections:

- ECM (Engine Control Module):** Connected to pins 51 (E100-R) and 43 (C300-A). The ECM is labeled with P.24 C.20-1.
- PCM (Powertrain Control Module):** Connected to pins 40 (C300-K) and 23 (EC11 P.27). The PCM is labeled with P.260 C.32-1/2.
- ECM/PCM:** Connected to pins 78/32 (E200-B (G4KJ)/E400-L (G6DC)). The ECM/PCM is labeled with P.25/26 C.20-3/4.
- IBU (Intake Air Flow Sensor):** Connected to pin 10 (M02-B). The IBU is labeled with P.140 C.10-2.
- Smart Key:** Connected to pin 35 (EM21 P.119).
- Wiring Harness:** The diagram shows a complex network of wires connecting the module to various sensors and actuators, including:
 - Clutch Switch:** Connected to pin 15 (E21).
 - Clutch & Ignition Lock Switch:** Connected to pins 1 and 3 (E21).
 - Front Wheel Sensor LH:** Connected to pins 24 (FL SIG) and 12 (FL VCC).
 - Front Wheel Sensor RH:** Connected to pins 23 (FR SIG) and 11 (FR VCC).
 - Rear Wheel Sensor LH:** Connected to pins 21 (RL SIG) and 9 (RL VCC).
 - Rear Wheel Sensor RH:** Connected to pins 22 (RR SIG) and 10 (RR VCC).
- ESP Control Module:** The central component, labeled with P.37 C.20-6.
- ESP Unit:** Connected to pins 4, 5, 8, and 7 (E03).
- Wiring Details:** The diagram includes detailed wiring paths, including ground connections (e.g., GE03 P.14) and specific wire colors (e.g., 0.3W, 0.3G, 0.3R, 0.3B, 0.3Y, 0.3P, 0.3L, 0.3W).