

**2014 REV-XS (900 ACE)**

This wiring diagram illustrates the electrical system for the 2014 REV-XS (900 ACE). The central component is the **ECMB (ECMB1)**, which manages various inputs and outputs. Key components and their connections include:

- Engine Harness:** Connects to the ECMB via terminals 1-4 (VT/BU, VT/BU, VT/OG, RD/GY).
- Fuel Pump and Level Sensor:** Provides fuel level data to the ECMB (terminals 1-3: VT/BU, BN/PK, 3-PE).
- ECMB (ECMB1):** The central control unit with multiple input/output pins (1-24) for various sensors and actuators.
- Throttle Accelerator Sensor (TAS):** Provides throttle position data to the ECMB (terminals 1-4: VT/BN, BK/BN, WH/BN, VT/BU, BK/BU, WH/BU).
- Mode Switch:** Controls the ECMB's operating mode (terminals 1-3: YE, BK/GY, YE/RD).
- Reverse Module:** Manages reverse gear signals (terminals 1-3: VT/OG, RD/BU, BG/RD, BG/YE).
- Speed Sensor:** Provides speed data to the ECMB (terminals 1-3: RD, GN, BK).
- Multifunction Gauge:** Displays various vehicle metrics (terminals 1-24: 5-CV, 5-CV).
- Communication Connector:** Connects the ECMB to the vehicle's communication system (terminals 1-5: WH/BG, WH/BK, BK, WH/VT, RD/WH).
- ECMB (ECMB1) Inputs:**
  - 1: 3-DS (WH/GY, BK/WH, BK/GN)
  - 2: 3-DS (WH/GY, BK/WH, BK/GN)
  - 3: 3-DS (WH/GY, BK/WH, BK/GN)
  - 4: 3-DS (WH/GY, BK/WH, BK/GN)
  - 5: 3-DS (WH/GY, BK/WH, BK/GN)
  - 6: 3-DS (WH/GY, BK/WH, BK/GN)
  - 7: 3-DS (WH/GY, BK/WH, BK/GN)
  - 8: 3-DS (WH/GY, BK/WH, BK/GN)
  - 9: 3-DS (WH/GY, BK/WH, BK/GN)
  - 10: 3-DS (WH/GY, BK/WH, BK/GN)
  - 11: 3-DS (WH/GY, BK/WH, BK/GN)
  - 12: 3-DS (WH/GY, BK/WH, BK/GN)
  - 13: 3-DS (WH/GY, BK/WH, BK/GN)
  - 14: 3-DS (WH/GY, BK/WH, BK/GN)
  - 15: 3-DS (WH/GY, BK/WH, BK/GN)
  - 16: 3-DS (WH/GY, BK/WH, BK/GN)
  - 17: 3-DS (WH/GY, BK/WH, BK/GN)
  - 18: 3-DS (WH/GY, BK/WH, BK/GN)
  - 19: 3-DS (WH/GY, BK/WH, BK/GN)
  - 20: 3-DS (WH/GY, BK/WH, BK/GN)
  - 21: 3-DS (WH/GY, BK/WH, BK/GN)
  - 22: 3-DS (WH/GY, BK/WH, BK/GN)
  - 23: 3-DS (WH/GY, BK/WH, BK/GN)
  - 24: 3-DS (WH/GY, BK/WH, BK/GN)
- ECMB (ECMB1) Outputs:**
  - 1: 3-DS (WH/GY, BK/WH, BK/GN)
  - 2: 3-DS (WH/GY, BK/WH, BK/GN)
  - 3: 3-DS (WH/GY, BK/WH, BK/GN)
  - 4: 3-DS (WH/GY, BK/WH, BK/GN)
  - 5: 3-DS (WH/GY, BK/WH, BK/GN)
  - 6: 3-DS (WH/GY, BK/WH, BK/GN)
  - 7: 3-DS (WH/GY, BK/WH, BK/GN)
  - 8: 3-DS (WH/GY, BK/WH, BK/GN)
  - 9: 3-DS (WH/GY, BK/WH, BK/GN)
  - 10: 3-DS (WH/GY, BK/WH, BK/GN)
  - 11: 3-DS (WH/GY, BK/WH, BK/GN)
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  - 22: 3-DS (WH/GY, BK/WH, BK/GN)
  - 23: 3-DS (WH/GY, BK/WH, BK/GN)
  - 24: 3-DS (WH/GY, BK/WH, BK/GN)

The diagram also shows the connection of various sensors and actuators to the ECMB, including the Starter Solenoid, Fuel Pump, and various relays (R1, R2, F1, F2, F3, F4, F5, F6). The ECMB is connected to the vehicle's communication system via the Communication Connector and to the Multifunction Gauge via the Multifunction Gauge Connector.