

2nz fe engine control ecu pinout jidads

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2NZ-FE Engine Control ECU Pinout

Q: What is the pinout for the 2NZ-FE engine control unit (ECU)? **A:** The 2NZ-FE engine ECU pinout is as follows:

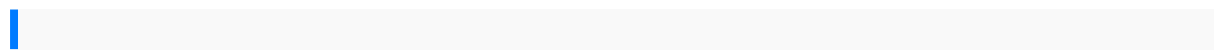
- **Pin 1:** Ground
- **Pin 2:** 5V Reference
- **Pin 3:** Coolant Temperature Sensor
- **Pin 4:** Intake Air Temperature Sensor
- **Pin 5:** Manifold Absolute Pressure Sensor
- **Pin 6:** Throttle Position Sensor
- **Pin 7:** Idle Air Control Valve
- **Pin 8:** Knock Sensor
- **Pin 9:** Camshaft Position Sensor
- **Pin 10:** Crankshaft Position Sensor
- **Pin 11:** Ignition Coil
- **Pin 12:** Fuel Injector
- **Pin 13:** Oxygen Sensor
- **Pin 14:** Evaporative Emissions Canister Purge Solenoid
- **Pin 15:** Secondary Air Injection Solenoid

Q: Which pins are used for power and ground? **A:** Pins 1 and 2 are used for power and ground, respectively.

Q: Which pins are used for sensor inputs? A: Pins 3-10 are used for sensor inputs, including the coolant temperature, intake air temperature, manifold absolute pressure, throttle position, idle air control valve, knock, camshaft position, and crankshaft position sensors.

Q: Which pins are used for actuator outputs? A: Pins 11-15 are used for actuator outputs, including the ignition coil, fuel injector, oxygen sensor, evaporative emissions canister purge solenoid, and secondary air injection solenoid.

Q: Can I modify the ECU pinout? A: Modifying the ECU pinout is not recommended and may result in damage to the ECU or other components. Always consult a qualified mechanic before making any modifications.



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