

GENERIC · POWERTRAIN

P064B

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

P064B

PTO Control Module

P064B is a generic powertrain code that indicates the engine control module has detected a fault within the power take-off (PTO) control module circuit or its communication path. The PTO system allows auxiliary equipment to draw power from the engine, and this code sets when the control module receives implausible signals or loses communication with the PTO module.

SYSTEM	CODE TYPE	SEVERITY	FIX DIFFICULTY	AREA
Powertrain	Generic (all makes)	Medium	Intermediate	Computer and output circuits

Symptoms you may notice

- Illumination of the check engine light or service engine soon light
- PTO system fails to engage or disengage when commanded
- Auxiliary equipment powered by the PTO does not operate
- Reduced engine power or altered throttle response in some applications
- Often no symptoms besides the warning light

Common causes, most likely first

- 1 Faulty PTO control module or internal circuit failure
- 2 Damaged or corroded wiring harness between the ECM and PTO module
- 3 Blown fuse or poor ground connection for the PTO circuit
- 4 Software or calibration error in the ECM or PTO module
- 5 Water intrusion or connector corrosion at the PTO module
- 6 Aftermarket PTO equipment improperly installed or incompatible

How to diagnose and fix it

- 1 Verify the code with a scan tool and check for related codes in other modules
- 2 Inspect the PTO circuit fuses and relays, replacing any that are blown or faulty
- 3 Visually inspect wiring and connectors at the PTO module and ECM for damage or corrosion
- 4 Perform a voltage drop test on the power and ground circuits to the PTO module
- 5 Check for technical service bulletins or software updates for the PTO system
- 6 If wiring and power are good, test the PTO module with a known-good unit or follow manufacturer diagnostics
- 7 Clear codes and verify the repair with a test drive or PTO operation cycle



PTO module faults often misdiagnosed

- A loose or corroded ground connection at the PTO module can mimic a failed module and is frequently overlooked during diagnosis.
- Aftermarket PTO installations that tap into factory wiring can introduce interference or voltage spikes that set this code without any factory component failure.
- The ECM may set P064B when communication on the controller area network (CAN) bus is disrupted by another module, so check for communication codes in all modules.
- Some vehicles require a relearn or calibration procedure after replacing the PTO module, and skipping this step will cause the code to return.
- A weak battery or charging system fault can cause low voltage to the PTO module, triggering this code even though the module itself is healthy.

Can I keep driving with P064B?

If the vehicle drives normally without the PTO engaged, it is generally safe to continue driving to a repair shop, but avoid using the PTO system until the fault is corrected. If the engine runs poorly or the PTO is needed for work, have the vehicle inspected promptly.

Tools that help

- OBD-II scan tool with live data capability
- Digital multimeter
- Wiring diagram for the PTO circuit
- Fuse puller and test light
- Socket set and trim removal tools

Reading P064B

P	Powertrain: engine, transmission and emissions.
0	Generic (SAE) code: it means the same thing on every OBD-II vehicle.
6	Computer and output circuits.
4B	The exact fault within that area.

Often seen with

P064A Fuel Pump Control Module A · **P064C** Glow Plug Control Module 1 · **P065A** Generator System Performance · **U0100** Lost Communication With ECM/PCM A · **U0121** Lost Communication With Anti-Lock Brake System (ABS) Control



See it working

Watch the animated explainer [How a Jet Engine Works: Two-Spool Turbofan](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/p064b/>

