



P0A15

Engine Mount Control Circuit Low

P0A15 indicates that the powertrain control module (PCM) has detected a low voltage condition on the engine mount control circuit, which typically commands a vacuum or electronic actuator to soften or stiffen the mount. The PCM sets this code when the circuit voltage falls below the expected threshold for a calibrated time, indicating a short to ground, an open circuit, or a faulty actuator.

SYSTEM	CODE TYPE	SEVERITY	FIX DIFFICULTY	AREA
Powertrain	Generic (all makes)	Medium	Intermediate	Hybrid propulsion

Symptoms you may notice

- Illumination of the check engine light, often with no other noticeable symptoms
- Increased vibration or harshness felt through the steering wheel, seats, or floorboards
- Clunking or thumping noises from the engine bay during acceleration or deceleration
- Rough idle quality or excessive engine movement when shifting between drive and reverse
- In some vehicles, a default mode that locks the mount in a stiff setting, reducing ride comfort

Common causes, most likely first

- 1 Damaged or disconnected electrical connector at the engine mount actuator
- 2 Open or shorted wire in the engine mount control circuit (often due to chafing or heat damage)
- 3 Failed engine mount actuator solenoid or vacuum valve
- 4 Blown fuse or faulty relay supplying power to the mount control circuit
- 5 Corroded or broken ground connection for the mount control circuit
- 6 Internal fault in the PCM driver for the mount control circuit (rare)

How to diagnose and fix it

- 1 Inspect the engine mount actuator connector for corrosion, loose pins, or damage and repair as needed
- 2 Check the fuse and relay associated with the engine mount control circuit and replace if faulty
- 3 Measure resistance and voltage on the control circuit wiring to identify opens or shorts, repairing the harness as required
- 4 Test the engine mount actuator with a scan tool or direct power/ground to verify operation, replacing it if it fails
- 5 Verify the ground circuit for the actuator has less than 0.1 volts drop under load, cleaning or tightening connections as necessary
- 6 If all external circuits and components test good, check for PCM software updates or internal driver failure before replacing the PCM



Engine mount code misdiagnosis traps

- A low voltage code often results from a simple unplugged connector after engine service, so always check connection integrity before condemning the mount.
- The engine mount control circuit may share a fuse or ground with other systems, so a blown fuse can cause multiple codes and misleading symptoms.
- Some vehicles use vacuum-operated mounts; a vacuum leak or failed vacuum solenoid can set this code even when the electrical circuit is intact.
- The PCM may set P0A15 intermittently due to vibration-induced wire chafing, so wiggle-test the harness while monitoring live data.
- Replacing the engine mount without diagnosing the circuit can lead to repeat failures if the underlying wiring or connector issue is not corrected.

Can I keep driving with P0A15?

You can generally continue driving with P0A15, but avoid aggressive acceleration or heavy loads that increase engine movement, and address the issue promptly to prevent mount wear or damage to other components.

Tools that help

- OBD-II scan tool with live data capability
- Digital multimeter
- Wire repair kit (splices, heat shrink, electrical tape)
- Socket and ratchet set
- Vacuum pump (for vacuum-operated mounts)

Reading P0A15

P	Powertrain: engine, transmission and emissions.
0	Generic (SAE) code: it means the same thing on every OBD-II vehicle.
A	Hybrid propulsion.
15	The exact fault within that area.

Often seen with

P0300 Random/Multiple Cylinder Misfire Detected · **P0505** Idle Control System Malfunction · **P0A14** Engine Mount Control Circuit/Open · **P0A16** Engine Mount Control Circuit High · **P0A17** Motor Torque Sensor Circuit



See it working

Watch the animated explainer [Readiness Monitors and the OBD-II Drive Cycle](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/p0a15/>

