



P0DEE

Pedestrian Alert Control Module Circuit Low

P0DEE means the Pedestrian Alert Control Module has detected a low-voltage condition on one of its output circuits, typically the speaker or sound generator wiring. The module monitors the circuit and sets this code when the voltage on the output line falls below the expected threshold, indicating a short to ground or an open circuit.

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

Symptoms you may notice

- The pedestrian alert system may be completely silent, with no warning sound emitted when driving at low speeds.
- A warning light or message on the dashboard indicating a fault with the pedestrian alert system.
- Often no symptoms besides the warning light, as the vehicle otherwise drives normally.
- In some vehicles, other driver assistance features may be disabled or show a fault message.
- Intermittent operation of the pedestrian alert sound, working only when the vehicle is stationary or over bumps.

Common causes, most likely first

- 1 A short to ground in the wiring between the pedestrian alert control module and the speaker or sound generator.
- 2 An open circuit in the speaker wiring, such as a broken wire or disconnected connector.
- 3 A faulty pedestrian alert speaker or sound generator with an internal short or open coil.
- 4 Corrosion or water intrusion in the connector at the module or speaker, causing high resistance.
- 5 A defective pedestrian alert control module with an internal driver fault.
- 6 Damaged wiring harness from road debris, rodents, or improper previous repairs.



How to diagnose and fix it

- 1 Check for any technical service bulletins (TSBs) or recalls related to the pedestrian alert system for your vehicle model.
- 2 Inspect the speaker and module connectors for corrosion, loose pins, or water intrusion, and clean or repair as needed.
- 3 Disconnect the speaker and measure resistance across its terminals; compare to specification to rule out a faulty speaker.
- 4 With the module disconnected, measure resistance from the output circuit to ground to check for a short; also check continuity end-to-end for an open.
- 5 Inspect the wiring harness along its routing for damage, especially near the front bumper and underbody areas.
- 6 If wiring and speaker test good, substitute a known-good module to confirm whether the module is at fault.
- 7 Clear the code and verify the repair by activating the pedestrian alert system and confirming the code does not return.

Why a silent pedestrian alert isn't always the speaker

- A common oversight is replacing the speaker when the real problem is a chafed wire behind the bumper that only shorts when the vehicle is moving or turning.
- The module often sets this code for an open circuit as well as a short, so a disconnected plug can trigger P0DEE even though the speaker itself is fine.
- Water intrusion into the connector at the pedestrian alert speaker is a frequent cause on vehicles that operate in wet or snowy climates, and it can mimic a failed speaker.
- Some vehicles use the same module to control other alert sounds, so a low circuit on one output may disable multiple alerts, leading to misdiagnosis of unrelated systems.
- After any repair, the module may require a recalibration or initialization procedure to clear the code permanently, which many DIYers overlook.

Can I keep driving with P0DEE?

The vehicle remains safe to drive because the pedestrian alert system is an audible warning aid and does not affect braking, steering, or powertrain operation. However, you should be extra cautious in areas with pedestrians, especially at low speeds, since the vehicle may not emit the expected warning sound.

Tools that help

- OBD-II scan tool with live data capability
- Digital multimeter
- Wiring diagram for the pedestrian alert system
- Trim removal tools
- Test light



Reading P0DEE

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

Often seen with

P0DEC Hybrid/EV Battery Pack Coolant Control Valve C Control Circuit/Open · **P0DED** Pedestrian Alert Control Module Circuit/Open · **P0DEF** Pedestrian Alert Control Module Circuit High · **P0DF0** Generator Inverter Temperature Sensor B Circuit · **U0121** Lost Communication With Anti-Lock Brake System (ABS) Control

See it working

Watch the animated explainer [How an Automatic Transmission Works, Gear by Gear](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/p0dee/>

