

GENERIC · POWERTRAIN

P0575

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

P0575

Cruise Control Input Circuit

P0575 is a generic powertrain code indicating that the engine control module (ECM) or cruise control module has detected an abnormal voltage or signal on the cruise control input circuit. The computer expects a specific voltage range from the cruise control switch or related inputs, and when the signal falls outside that range or is intermittent, it stores this code and typically disables cruise control operation.

SYSTEM	CODE TYPE	SEVERITY	FIX DIFFICULTY	AREA
Powertrain	Generic (all makes)	Low	Intermediate	Vehicle speed, idle control and auxiliary inputs

Symptoms you may notice

- Cruise control does not engage or drops out unexpectedly while driving
- Cruise control indicator light on the dashboard may flash or stay off
- Horn may not work if the cruise control switches share the same clock spring circuit
- Steering wheel-mounted cruise control buttons may feel unresponsive or require extra pressure
- Often no symptoms besides the warning light, with cruise control still functioning normally

Common causes, most likely first

- 1 Faulty cruise control switch or button assembly on the steering wheel
- 2 Damaged or worn clock spring (spiral cable) in the steering column
- 3 Open or shorted wiring in the cruise control input circuit
- 4 Poor electrical connection at the cruise control switch or module connector
- 5 Failed cruise control module or ECM internal fault
- 6 Brake pedal position switch misadjusted or faulty, affecting cruise input signals



How to diagnose and fix it

- 1 Use a scan tool to read live data from the cruise control switch inputs and verify the signal changes when buttons are pressed
- 2 Inspect the cruise control switch and connector for corrosion, damage, or loose pins, and clean or repair as needed
- 3 Check the clock spring for continuity and signs of wear, replacing it if resistance is out of specification
- 4 Perform a voltage drop test on the cruise control input circuit wiring to locate opens or high resistance
- 5 Test the brake pedal position switch for proper adjustment and function, as it can interfere with cruise control inputs
- 6 If all inputs and wiring check out, test the cruise control module or ECM according to the manufacturer's diagnostic procedure
- 7 Clear the code and perform a road test to confirm the repair and ensure the code does not return

Cruise Control Input Circuit Quirks

- A failing clock spring often causes P0575 along with horn or airbag warning light issues, but many technicians replace the cruise switch first and miss the clock spring.
- The cruise control input circuit frequently shares a reference voltage with other steering wheel controls, so a short in an unrelated button can set this code.
- P0575 can be set by a momentary glitch such as a low battery or jump start, so always check for related codes and verify the fault is current before replacing parts.
- On some vehicles, the cruise control switch is a resistive multiplexed circuit, and a small change in resistance from corrosion can trigger the code without any noticeable driveability problem.
- A misadjusted brake pedal switch can cause the cruise control module to see an invalid input and set P0575, even though the brake lights work normally.

Can I keep driving with P0575?

The vehicle remains safe to drive because cruise control is a convenience feature and its failure does not affect primary braking or steering. Avoid using cruise control until the fault is repaired, especially in wet or slippery conditions, and address the code promptly to prevent related issues from worsening.

Tools that help

- OBD-II scan tool with live data capability
- Digital multimeter
- Wiring diagram for the cruise control circuit
- Trim removal tools for steering column access
- Test light or jumper wires



Reading P0575

- P** Powertrain: engine, transmission and emissions.
- 0** Generic (SAE) code: it means the same thing on every OBD-II vehicle.
- 5** Vehicle speed, idle control and auxiliary inputs.
- 75** The exact fault within that area.

Often seen with

P0562 System Voltage Low · **P0563** System Voltage High · **P0571** Brake Switch 'A' Circuit · **P0572** Brake Switch 'A' Circuit Low · **P0573** Brake Switch 'A' Circuit High

See it working

Watch the animated explainer [How a Rotary Engine Works: Wankel in X-Ray](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/p0575/>

