

GENERIC · POWERTRAIN

P0D95

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

P0D95

Battery Charger Coupler Unlock Control Circuit/Open

P0D95 indicates that the battery charger coupler unlock control circuit is open, meaning the powertrain control module (PCM) has detected no continuity or an unexpected lack of voltage on the circuit that commands the coupler to release. This circuit is used on vehicles with a charge port that locks the connector in place during charging, and an open circuit prevents the unlock actuator from receiving power or ground.

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

Symptoms you may notice

- The charge coupler may fail to unlock, making it impossible to remove the charging plug after a session.
- A warning light or message on the instrument cluster indicating a charging system fault.
- The unlock button or release mechanism inside the vehicle may not function.
- Often no symptoms besides the warning light, especially if the coupler is manually released.
- In some cases, the vehicle may refuse to start or enter drive mode if it detects the plug is still latched.

Common causes, most likely first

- Broken or chafed wire in the unlock control circuit, often near the charge port or hinge area.
- Corroded or disconnected electrical connector at the coupler unlock actuator.
- Failed coupler unlock actuator or solenoid.
- Open circuit inside the charge port assembly due to wear or damage.
- Faulty powertrain control module (PCM) or body control module (BCM) driver for the unlock circuit.
- Blown fuse or relay supplying power to the unlock circuit.



How to diagnose and fix it

- 1 Check all fuses and relays related to the charge coupler unlock circuit and replace any that are blown.
- 2 Inspect the wiring harness from the PCM/BCM to the coupler actuator for visible damage, chafing, or corrosion, and repair as needed.
- 3 Disconnect and inspect the electrical connector at the unlock actuator for corrosion or loose pins, cleaning or tightening as required.
- 4 Measure resistance and voltage on the unlock control circuit to confirm an open circuit, using a multimeter and wiring diagram.
- 5 Test the unlock actuator directly with 12 volts to see if it operates; replace if it does not.
- 6 If the actuator and wiring are good, check for a faulty PCM/BCM by verifying output signals and consulting service information.
- 7 Clear the diagnostic trouble code (DTC) and perform a functional test of the coupler unlock system to confirm the repair.

Common oversights in P0D95 diagnosis

- A broken wire inside the flexible boot between the body and charge port is a frequent cause that visual inspection alone may miss.
- The code can set intermittently if the unlock actuator is binding mechanically, causing high current and a temporary open circuit in the driver.
- Some vehicles use a separate module for charge port control, so the fault may not be in the PCM but in that dedicated module.
- After repairs, the coupler may need a calibration or learn procedure to restore proper unlock operation, which is often overlooked.
- A weak battery or low charging system voltage can cause false open-circuit codes in sensitive control circuits, so always verify battery health first.

Can I keep driving with P0D95?

If the coupler is stuck locked, do not force the plug out as this can damage the charge port; use the manual release if available. Driving with the code is generally safe if the plug is removed, but have the fault repaired soon to avoid being unable to disconnect during charging.

Tools that help

- OBD-II scanner
- Digital multimeter
- Wiring diagram for the specific vehicle
- Trim removal tools
- Test light
- Basic socket set



Reading P0D95

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

Often seen with

P0D94 Battery Charger Coupler Lock Control Circuit Performance · **P0D96** Battery Charger Coupler Unlock Control Circuit Low · **P0D97** Battery Charger Coupler Unlock Control Circuit High · **P0D98** Battery Charger Coupler Unlock Control Circuit Performance · **P0D99** Battery Charger Coupler Temperature Sensor A Circuit

See it working

Watch the animated explainer [Fuel Trims Explained: Short-Term and Long-Term](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/p0d95/>

