

GENERIC · NETWORK

U014B

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

U014B

Lost Communication With Hybrid/EV Battery Inductive Charging Module

U014B is a generic network communication code indicating that a control module on the vehicle's data bus has lost contact with the hybrid or electric vehicle battery inductive charging module. The computer detects this when the inductive charging module stops broadcasting its expected periodic messages or fails to respond to a request over the communication network.

SYSTEM Network	CODE TYPE Generic (all makes)	SEVERITY Medium	FIX DIFFICULTY Intermediate	AREA Lost communication with a control module
-------------------	----------------------------------	--------------------	--------------------------------	--

Symptoms you may notice

- Illumination of the malfunction indicator lamp (MIL) or a dedicated charging system warning light
- Often no symptoms besides the warning light, with the vehicle driving and charging normally
- Inability to initiate or complete wireless inductive charging sessions
- Charging status or battery state-of-charge information missing or frozen on the dashboard display
- Other unrelated warning lights or communication codes appearing because the module shares a bus with other systems

Common causes, most likely first

- 1 Faulty or disconnected 12-volt power or ground circuit at the inductive charging module
- 2 Damaged, corroded, or loose connector pins at the module or along the communication bus
- 3 Open or shorted controller area network (CAN) bus wiring between the inductive charging module and the gateway or other modules
- 4 Internal failure of the inductive charging module itself
- 5 Low battery voltage or a weak 12-volt battery causing intermittent module dropouts
- 6 Aftermarket accessories or improper wiring repairs that disturb the bus or module power
- 7 Software or configuration mismatch after module replacement or a failed reprogramming event



How to diagnose and fix it

- 1 Verify battery voltage and charge or replace the 12-volt battery if it is below specification
- 2 Inspect the inductive charging module connectors for corrosion, pushed pins, or loose terminals and reseal them
- 3 Check power and ground at the module with a multimeter or test light to confirm the module is receiving voltage
- 4 Measure resistance and check for shorts on the CAN bus wiring between the module and the gateway or diagnostic connector
- 5 Use a scan tool to perform a network topology or module presence test and confirm whether the inductive charging module is completely offline
- 6 If wiring and power are good, substitute a known-good module or perform a module reprogramming per the manufacturer's procedure
- 7 Clear codes and road test, then verify that the module communicates and that no related codes return

When the charging module is not the real fault

- A weak or failing 12-volt battery is a common cause of intermittent U014B because the inductive charging module may drop offline during cranking or low-voltage events.
- Corroded or water-intruded connectors at the charging module are frequently overlooked, especially on vehicles that park outdoors or operate in wet climates.
- The code can be set by a gateway module or bus wiring fault rather than the inductive charging module itself, so replacing the module first often does not fix the problem.
- Aftermarket dash cams, alarm systems, or phone chargers tapped into the wrong circuit can disturb bus voltage and trigger communication loss codes.
- A module that communicates fine during a static scan may still set U014B intermittently due to vibration or heat-related connector issues that only appear while driving.

Can I keep driving with U014B?

The vehicle is generally safe to drive because the fault affects wireless charging communication rather than propulsion, but avoid relying on inductive charging until the fault is repaired. If the warning light is accompanied by other communication or charging faults, have the vehicle inspected promptly.

Tools that help

- OBD-II scan tool with network and module communication capabilities
- Digital multimeter
- Wiring diagram and connector pinout for the inductive charging module circuit
- Test light or power probe
- Socket and trim removal tools for accessing module connectors



Reading U014B

- U** Network: communication between the vehicle's control modules.
- 0** Generic (SAE) code: it means the same thing on every OBD-II vehicle.
- 1** Lost communication with a control module.
- 4B** The exact fault within that area.

Often seen with

P0A0D High Voltage System Interlock Circuit A High · **U0100** Lost Communication With ECM/PCM A · **U0111** Lost Communication With Battery Energy Control Module 'A' · **U0140** Lost Communication With Instrument Panel Cluster · **U0141** Lost Communication With Body Control Module 'A'

See it working

Watch the animated explainer [How Regenerative Braking Works in Electric Cars](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/u014b/>

