

GENERIC · NETWORK

U0565

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

U0565

Invalid Data Received From Camera Module - Rear

U0565 means the vehicle's main network gateway or control module received data from the rear camera module that it judged invalid or corrupted. The computer detected a message from the rear camera that failed its internal plausibility or checksum validation, so it flagged the camera as sending unusable information.

SYSTEM	CODE TYPE	SEVERITY	FIX DIFFICULTY	AREA
Network	Generic (all makes)	Low	Intermediate	Network communication

Symptoms you may notice

- Rearview camera display shows a black screen, frozen image, or distorted picture
- A warning message on the dash or infotainment screen indicating a camera system fault
- Parking assist or rear cross-traffic features may be disabled or behave erratically
- The infotainment system may reboot or show communication error messages
- Often no symptoms besides the warning light, with the camera still working normally

Common causes, most likely first

- 1 Corroded or water-intruded connector at the rear camera module
- 2 Damaged or chafed wiring harness between the camera and the body control module
- 3 Failed rear camera module sending corrupted data frames
- 4 Low voltage or poor ground at the camera module causing intermittent data errors
- 5 Software glitch or outdated calibration in the camera or gateway module
- 6 Network bus fault, such as a shorted CAN (Controller Area Network) line, disrupting camera messages

How to diagnose and fix it

- 1 Inspect the rear camera connector and harness for corrosion, water damage, or loose pins, and clean or repair as needed
- 2 Check battery voltage and the camera module's ground connection to rule out low-voltage data corruption
- 3 Clear the code and test-drive to see if U0565 returns immediately or only under specific conditions
- 4 Use a scan tool to monitor live camera data and check for other communication codes on the same network
- 5 Perform a software update or recalibration of the camera module if the manufacturer has a known bulletin
- 6 Substitute a known-good rear camera module to confirm whether the original unit is faulty
- 7 If the camera is good, inspect the gateway or body control module connectors and network wiring for faults



Why the camera code may not mean a bad camera

- A weak battery or poor ground can corrupt camera data frames without setting a low-voltage code, so always load-test the battery first.
- Water intrusion at the rear camera connector is extremely common on hatchbacks and SUVs, and the pins can look clean until you separate the connector.
- U0565 often appears alongside U-codes for other modules on the same bus, pointing to a shared network fault rather than the camera itself.
- After replacing a camera module, some vehicles require a calibration or configuration procedure, and skipping it can set U0565 again.
- A chafed harness behind the rear bumper or liftgate hinge can intermittently short the CAN lines, so wiggle-test the loom while watching live data.

Can I keep driving with U0565?

The vehicle remains safe to drive because the rear camera is a convenience feature, but you should not rely on it for reversing until the fault is repaired. Avoid reversing in tight spaces where the camera image is needed, and have the fault diagnosed soon to prevent water damage from spreading.

Tools that help

- OBD-II scan tool with live data and network diagnostics
- Digital multimeter for voltage and continuity checks
- Trim removal tools to access rear camera and harness
- Contact cleaner and dielectric grease for connector repair
- Manufacturer service information for wiring diagrams and calibration procedures

Reading U0565

U	Network: communication between the vehicle's control modules.
0	Generic (SAE) code: it means the same thing on every OBD-II vehicle.
5	Network communication.
65	The exact fault within that area.

Often seen with

U0100 Lost Communication With ECM/PCM A · **U0140** Lost Communication With Instrument Panel Cluster · **U0155** Lost Communication With Body Control Module · **U0564** Invalid Data Received From Speech Recognition Module · **U0566** Invalid Data Received From Image Processing Sensor A



See it working

Watch the animated explainer [How Push-Button Start Works: Keyless Ignition](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/u0565/>

