

High beam control module loses communication



AI Overview

Loss of communication with the high beam control module is typically caused by wiring issues, faulty modules, or poor electrical connections, leading to headlight malfunctions and warning codes like U0180, U1726, or U1729.

Symptoms When a high beam control module loses communication, you may notice: Headlamp malfunction warnings on the dashboard Dimmed or flickering low beams High beams not responding to the switch Complete or intermittent loss of headlights while parking lights remain functional Erratic lighting behavior due to the Body Control Module (BCM) defaulting to a safe mode

Typical Causes The main causes include: Wiring and connector issues: Corrosion, loose pins, damaged harnesses, or bent/broken connector pins can interrupt communication Faulty control modules: Either the high beam module itself or related modules like the low beam or automatic lighting control module may fail Power supply problems: A weak battery, corroded terminals, blown fuses, or poor grounding can prevent modules from communicating properly Software or network errors: Corrupted module software or issues on the LIN or CAN bus network can trigger communication loss codes Environmental factors: Extreme temperatures, moisture, or water ingress can affect electrical connections

Diagnostic Steps Scan for codes: Use an OBD-II scanner to retrieve codes like U0180, U1726, or U1729 and check for related faults Check battery voltage: Ensure the battery is fully charged (12.4–12.7 volts) to prevent communication errors Inspect wiring and connectors: Look for corrosion, damage, loose pins, or poor grounding Test module functionality: Use a professional-grade scan tool to verify if the high beam control module responds to network commands Repair or replace: Fix damaged wiring, clean or replace connectors, or replace faulty modules with VIN-matched, pr...

Article Content

U0242 Code Symptoms, Causes, Diagnosis and Repair Guide Steps

U0242 Code: Symptoms, Causes, and How to Repair It Drivers who see a headlamp warning light, experience intermittent flicker on low or high beams, or lose a headlamp altogether are looking at a

U1726 Code Meaning, Causes, Symptoms & Tech Notes

Code U1726 is typically triggered when the right headlamp high beam control module loses communication with the right headlamp low beam control module. This can be due to a wiring issue,

U0241 Code Symptoms, Causes, Diagnosis and Repair Guide for

Drivers usually see a “headlamp malfunction” warning, dim or dead low-beams, and loss of high-beam operation. Common causes are wiring/connectors, module power loss, or corrupted module

U1725 Code Meaning, Causes, Symptoms & Tech Notes

U1725 Code - Left Headlamp High Beam Control Module Lost Communication With Left Headlamp Low Beam Control Module Quick Answer The U1725 diagnostic trouble code (DTC) indicates that the Left

U1064 Lost Communications with Body Control Module (BCM)?

C6 Corvette General Discussion - U1064 Lost Communications with Body Control Module (BCM)? - Intermittent traction control, active handling lights and this is the code pulled.

U0241 Lost Communication With Headlamp Control Module A

How to easily diagnose, repair, and symptoms and causes of a U0241 code that indicates a CAN bus communication problem with the Headlamp Control Module A.

Adaptive Light Module Failure Signs and Fixes

If the module loses power or communication, it may default to a fixed position and fail to respond to normal switching or sensor input, leaving you unable to adjust beam height manually or automatically.

Headlight Control Module Failure Signs & Diagnosis

Headlight Control Module Failure Signs & Diagnosis The headlight control module is an electronic control unit that manages power delivery and operation of your vehicle's headlights, and when it fails,

Lost Communication With HVAC Control Module: Causes, Symptoms,

When a vehicle shows a loss of communication with the HVAC control module, it can disrupt cabin climate control, defogging, and overall comfort. This guide explains common causes,

U0141 - What Does It Mean and How To Fix It

This is one of the most frequent OBD2 trouble codes. Read the full article below to know what it means, how to fix it, and what other codes may show related to it.

How to Diagnose Communication Issues with the ECU?

No communication with the car computer (ECU)? This guide will show you how to diagnose no communication issues step-by-step.

How To Reset the Body Control Module

Learn how to reset your vehicle's Body Control Module (BCM) to fix various electrical issues. Follow simple steps to restore factory settings and improve

Understanding Engine Control Module No

With any communication network, the resistance in the circuit, resulting voltage and circuit condition can determine if information is being

U0180-Data bus: automatic lighting control module

When your vehicle's main computer (sometimes called the Powertrain Control Module, or PCM) loses contact with this lighting module, it sets code U0180. Most often, this is not a direct failure of the

U0241 Code Symptoms, Causes, Diagnosis and Repair Guide for Modules

U0241 Code - Symptoms, Common Causes, and How to Resolve the Issue When the BCM loses contact with the headlamp control module, the exterior lighting system behaves erratically. Most

U0198 Lost Communication With Telematic Control Module

How to easily diagnose, repair, and symptoms and causes of a U0198 code that indicates a CAN bus communication problem with the Telematic Control Module.

U0242 Code Symptoms, Causes, Diagnosis and Repair Guide Steps

Drivers who see a headlamp warning light, experience intermittent flicker on low or high beams, or lose a headlamp altogether are looking at a communication failure with the vehicle's Headlamp Control

Fixing Lost TCM Communication: Step-by-Step Guide

Learn how to fix lost communication with TCM without replacing it. Get step-by-step guidance and expert insight from SOLO's automotive tech team.

LI82.10-P-071235 Mercedes-Benz Technical Service Bulletin

The voltage parameters in the headlamp control unit (PXL) may be too sensitive. Following fault messages / fault codes are stored in the Xentry quick test: U118A02: Communication

Code U1726 Right Headlamp High Beam Control Module Lost

Code U1726 is typically triggered when the right headlamp high beam control module loses communication with the right headlamp low beam control module. This can be due to a wiring issue,

BMW Adaptive Headlight Module Failure (2021-2025): A Fix for the ...

It controls the daytime running lights (DRLs), turn signals, low beams, high beams, and the adaptive swiveling feature that turns the lights with the steering wheel. Without a properly

OBD-II Code U0242: Lost Communication With Headlamp Control

Code U0242 indicates the passenger-side headlamp control module ("B") dropped off the vehicle's communication network for more than 10 seconds. Verify battery voltage remains above

How to Test a Body Control Module and Fix Common

How to test a body control module easily with a multimeter and OBD2 scanner. Find faulty BCM issues fast. Learn simple DIY steps to diagnose

Ross-Tech Forums

Threads 6K Messages 43.5K 2010 VW Golf ABS module - no communication Yesterday at 8:17 AM Uwe

U0180 Lost communication with the automatic high beam control

The dealership found that the update had inadvertently affected the high beam control module's communication settings. After re-flashing the module with the correct software version, the issue was

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.shangases.co.za>

Email: ekomedsolar@gmail.com

Phone: +86 13816583346

Address: No. 26 Heshun Middle Road, Economic Development Zone, Hai'an City, Jiangsu Province, China

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