

High Beam Signal Module Failure



Article Overview

A high beam signal module failure typically occurs when the headlight control module (Front Light Electronics, FLE) malfunctions, often due to water intrusion, corrosion, or electrical faults, causing dashboard warnings and high beam malfunctions.

Causes of Failure

High beam or adaptive headlight failures are usually linked to the headlight control module, also called the Front Light Electronics (FLE) module in modern BMWs. Common causes include:

- Water intrusion from cracked headlight housings, leading to corrosion on module pins and internal circuits .
- Electrical issues such as short circuits, high resistance in connectors, or voltage fluctuations .
- Software or programming errors, especially after battery replacement or module swap, which require proper coding via ISTA or E-Sys software .
- Aftermarket LED bulbs that do not match expected resistance can trigger the module to register faults and disable the high beam circuit .

Symptoms

When the high beam module fails, you may notice:

- Dashboard warnings like “left high beam malfunction” or “adaptive headlight failure”

Article Content

May 05, 2026

Auto High Beam Assist Not Working

We hope you find the Auto High Beam Assist Not Working guide helpful. Check these troubleshooting and repair guides for more help on your

Oct 06, 2025

2019-2024 BMW Headlight Control Module: Failure Symptoms,

This guide covers the common failures, critical part number matching, and mandatory programming for the headlight control module in many modern BMW 3-Series, 8-Series, X5, X6, and

May 20, 2026

M135i Break down and cry?

They pulled off the headlights, checked all the wiring and couldn't find an issue, nor could they cause it to fault. A few days later, there were a cascading series of faults, all centered on the

Aug 24, 2025

Headlights Not Working? Try These Fixes

If your headlights aren't working, check these four common problems and fixes for everything from one malfunctioning bulb to high beams not working.

Jul 27, 2025

high beams and adaptive lights failure

Hello do not waste time replacing the modules. These errors are due a faulty component inside the lens of the headlight. Exactly in the pcboard that has the leds for high beam.

Jun 05, 2026

electrical

For whatever reason, the turn signal/headlight switch on this vehicle outputs a 6 volt signal on the high beam wire when the low beam is on and a 12 volt signal when the high beam is on. The headlights

Mar 07, 2026

High beam error / low beam open circuit

Personally, I was thinking that the control module might be faulty and I wish to take down the front bumper and switch the modules and see what happens. Any other suggestions are

Mar 11, 2026

Hyundai Check High Beam Assist System Common

Common Causes of the "Check High Beam Assist System" Warning Message Here are the most common reasons this light appears: Weak Battery:

Jul 21, 2026

High beam is not working Inspection: Best Prices

How much does High beam is not working Inspection cost? Get an estimate instantly. Service, parts, cost & recommendations from YourMechanic. Your definitive guide to High beam is not working

May 03, 2026

LED adaptive headlight / high beam failure warning

Hi all, My 2018 435d is coming up with high beam failure / adaptive LED failure warnings but the high beam seems fine. I don't know how to check the adaptive function but visual inspection

Mar 28, 2026

Broken Turn Signal Switch Causes High Beams to Stay On:

While these components can indeed fail, if the turn signal switch is not operating correctly, it is often the primary culprit. Additionally, some vehicle owners may try to bypass the switch or operate high

Sep 29, 2025

Turn signals, high beams and wipers not working!

INPA (BMW Factory-Level Diagnostic Software) can identify what INPUTS or signals are being received by the FRM (such as Turn Signal Inputs, or High Beam Inputs), and it can also

Oct 15, 2025

High Beam Trigger: Solved.. plug and play | Ford Raptor Forum

The secret sauce is the PAC CP1-FRD1 Canpro module. It is designed for car audio interface, but reads the Canbus signal via the steering column control module and gives the needed

Oct 29, 2025

TMS problem headlight module

The fault will probably show a shorted module, if the module is bad. If you remove the front bumper cover, you can remove both lights. Swap the light from one side to the other, to see if

May 20, 2026

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

This guide covers the common failures, replacement costs, and critical programming requirements for the headlight control module on many 2021-2025 BMW models.

Nov 10, 2025

The Ins and Outs of Working on Automatic High Beams

When the camera detects these lights and the system is operational, the software in the module that manages the automatic high beam operation will then decide what to do. It will either

May 20, 2026

Adaptive headlight failure & low beam malfunction

Adaptive headlight failure & low beam malfunction I had the same thing happen I had to replace the control module, and no more going into a car wash. Look on the DIY and there will also

May 31, 2026

Bad Headlight Relay Symptoms: 5 Common Failure Signs

This video covers headlights not turning on, flickering lights, issues with high/low beams, lights staying on, uneven headlight brightness, dim lights, and relay clicking noises.

Apr 07, 2026

Fix Mercedes High Beam Issues: Causes, Troubleshooting & Solution

Fix Mercedes high beam issues fast! Discover causes, troubleshooting tips & solutions. Click now for expert guidance!

May 09, 2026

Headlights Not Working? Check These Solutions

Discolored terminals on the relay can also be a red flag. If your headlights are not working but high beams are, it's likely that the relay is the culprit. In some cars, identical relays are used in circuits

Jun 27, 2026

BMW Lighting System Malfunction: Causes & How To Fix

When driving with high beams on, I started getting "left high beam malfunction" and "adaptive headlight failure" messages back-to-back during a turn. If I park the car and look at the

Mar 01, 2026

High Beam Indicator: How do I fix the high beam

The high beam light indicator serves as a visual cue, informing you when your headlights are set to high beam. This signal, usually represented by a

Apr 05, 2026

Headlights Not Working? Check These Solutions

There are also fuses involved to protect the rest of your electrical system should there be a shortage. There are special relays involved if you choose to turn on your high beam lights. When one of these

Apr 04, 2026

CAN Bus module for high beam

By connecting to the CAN Low and Can High cables and creating a power supply for the adapter, the module determines the high beam function and outputs this via the violet cable. This signal is then

May 03, 2026

High Beam Assist malfunction and limitations

If High Beam Assist does not operate properly, use the turn signal lever to switch between high beam and low beam. High Beam Assist may not operate for 15 seconds right after your vehicle is started or

Contact Us

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

Website: <https://chromadecksigns-eastrand.co.za>

Email: sales@chromadecksigns-eastrand.co.za

Phone: +32 2 318 5792

Address: Avenue Louise 500, 1050 Brussels, Belgium

This document is for informational purposes only. Specifications subject to change without notice.

