

# Adaptive high low beam module failure



## Overview

This warning indicates the vehicle detected a problem with the headlamp system that adjusts aim or beam pattern. It can stem from a failed module, a bad stepper motor, wiring issues, or moisture in the lamp assembly. A diagnostic scan that reads lamp-specific fault codes helps. When the adaptive light module fails, your headlights lose this intelligence—leaving you with reduced visibility during night driving and turns, which directly impacts your safety on the road. The right unit failed its startup sweep and did not follow steering input. A scan returned CEM-U132382, which named the right adaptive module. Headlights aim in the direction of the steering wheel and the vertical aim (anti-dazzle?)

) lowers and raises normally. I. About 2 months ago my 340i began very sporadically throwing 'high beam headlight right failure' at which point none of the 'adaptive' features work and it actually seems part of the dipped beam disappear on the drivers side (UK) light (primarily the little diamond shape part of the beam - those. In this blog post, we'll dive into the common reasons why your adaptive main beam assist might be inoperative, from sensor malfunctions to electrical issues. We'll also provide some hints on what steps you can take to troubleshoot the problem before seeking professional help.



## Article Content

Nov 05, 2025

### Adaptive Light Module Failure Signs and Fixes

A faulty module may send conflicting signals to the left and right headlights, causing one beam to sit higher, lower, or offset compared to the other. This creates glare complaints from other drivers and

Apr 06, 2026

### adaptive high beam assist inoperative

E-Class (W212) - adaptive high beam assist inoperative - New thread in case this is helpful. I got the adaptive high beam assist inoperative (S212 2011 with Adaptive

Oct 22, 2025

### How Does Adaptive High Beam Assistance Work?

Adaptive High Beam Assistance (AHBA) is a technology that automatically adjusts a vehicle's high beam headlights to provide optimal visibility while driving at night. This advanced

Nov 02, 2025

### 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

Apr 01, 2026

### Adaptive Headlight Malfunction on Volvo: How to

Learn how to diagnose and fix Adaptive Headlight Malfunction on Volvo with our step-by-step guide. Get back on the road safely.

Oct 08, 2025

### What Causes the Audi Adaptive Light System Fault and How Can It

Adaptive headlights include motors for adjusting the beam angle and level. Mechanical failure or motor burnout will result in system errors. Software glitches or outdated control module

Aug 29, 2025

### Volvo XC90 adaptive headlight malfunction

I have a problem with Volvo XC90 adaptive headlight. First of all, headlamps work fine (high beam, low beam and turn signal). Also, when I start the car, right

Apr 07, 2026

bmw adaptive LED problem

We swapped modules from left to right and right headlight worked high beam but no low beam

May 01, 2026

BMW Adaptive Headlight Malfunctions: Causes, Diagnosis And

The beam projector is responsible for adjusting your vehicle's low and high beams. The stepper motor can get damaged as it wears out over time resulting in beam projector malfunctions.

Mar 25, 2026

Audi Adaptive Light Malfunction: Causes and Solutions

Control module failure: The control module receives input from the sensors and controls the adaptive lights. If this module fails, it can cause the

Aug 07, 2025

Adaptive headlight malfunction when highbeams are activated

The "little metal box" under the headlight is the ballast (converts low voltage to very high voltage) and if the low beam is coming on, the ballast is working. You can go ahead and swap the

Feb 15, 2026

Mercedes Benz Intelligent Light System Inoperative

The Mercedes Benz Intelligent Light System (ILS) uses LED adaptive lighting technology to enhance road visibility and make driving in low-light

May 05, 2026

e92 Adaptive Headlight error message ... then low beam malfunction

My low beams on the driver side dont work neither do high beams. Angel eyes, the halogen turning bulb, and parking lights all work. I've been researching, but i'm not sure what my

Nov 13, 2025

Audi Adaptive Light Malfunction: What's Really Going

What Is the Audi Adaptive Light System Anyway? Think of your Audi's adaptive front-lighting system as headlights that actually think. Instead of staring

Sep 07, 2025

e92 Adaptive Headlight error message ... then low beam malfunction

BMW 3-Series (E90 E92) Forum > BMW E90/E92/E93 3-series General Forums > General E90 Sedan / E91 Wagon / E92 Coupe / E93 Cabrio > e92 Adaptive Headlight error message ...

May 01, 2026

Adaptive headlight Module failure

The adaptive headlights need programming after swapping the TMS modules, which you did. Only headlights without adaptive headlights will work

Apr 27, 2026

Audi Adaptive Light Malfunction Fix: Expert Solutions

Audi adaptive light malfunction is most commonly caused by faulty swivel motor modules in the headlights, corroded wiring harnesses from water

Apr 21, 2026

Intelligent headlight control

Light functions The low beam activation function can automatically activate or deactivate the vehicle's low beam lights in accordance with the current lighting conditions. High beam control improves driver

Jun 04, 2026

Adaptive Headlamp Control Malfunction (BMW Solutions)

Failure to Switch to Low Beam: The automatic high beam control feature should detect oncoming vehicles and switch to low beam to avoid dazzling other drivers.

Feb 24, 2026

Adaptive Highbeam Assist #FAIL | Mercedes-Benz Forum

If anyone found the adaptive high beam (IHC) sensitivity settings in vediaamo. I've tried playing around with SAMF172 module but doesn't seem to make much difference.

Dec 06, 2025

Adaptive High Beam Assistance: Benefits & How It Works

Discover the benefits of Adaptive High Beam Assistance (AHBA), a smart feature that automatically adjust headlights to improve safety and visibility.

Feb 18, 2026

How to Fix Adaptive Headlight Malfunction on BMW

Low or weak battery voltage can cause false adaptive headlight errors—especially after a battery swap or jump start. If your battery is old or showing signs of weakness, replace it with a

Dec 16, 2025

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,

Oct 03, 2025

How To Fix Adaptive Headlight Malfunction BMW Fast

Test low high beams even. Swivel turns confirm good. Fuse steps simple 5 minutes. DIY \$5 total. Safe nights fuse firm. How To Fix Adaptive Headlight Malfunction BMW Battery Reset?

May 07, 2026

High beam headlight right failure

In short, the right highbeam malfunction error pops up whenever my lowbeams turn on (either automatic or manually by turning the switch) and as soon as the little error triangle disappears

Mar 19, 2026

5 Tricks On Adaptive Main Beam Assist Inoperative

Discover solutions for "adaptive main beam assist inoperative" issues. Learn causes, troubleshooting tips, and how to restore your vehicle's functionality.

May 24, 2026

How to Deal with a BMW Adaptive Headlight Malfunction

To address adaptive headlight malfunctions, start by inspecting and cleaning sensors like the steering angle and vehicle speed sensors. Clean them

Mar 04, 2026

High-beam assist - basic principles | HELLA

Glare-free high beam assist with vertical cut-off line The principle is simple: Driving with the high beam permanently on. The conventional low beam represents a compromise. It is designed to minimise

Nov 15, 2025

How It Works: Automatic and Adaptive Headlights (Low

This article explores how automatic and adaptive headlights work, with a focus on both low beam and high beam functionalities.

## Contact Us

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