

How to get the high beam signal from a modular light



AI Overview

You can obtain a high beam signal either by tapping the high beam wire in traditional headlights or using a CAN Bus interface that outputs a 12V trigger when high beams are active.

Using a CAN Bus Interface

Modern vehicles with LED or xenon headlights often do not have a direct high beam wire. In these cases, a CAN Bus high beam interface can detect high beam activation from the vehicle's CAN Bus system and output a 12V signal suitable for controlling relays or auxiliary lights . Steps include:

- Connect the adapter to the CAN High and CAN Low lines of the vehicle.
- Provide power and ground to the module.
- The module outputs a control signal (often via a dedicated wire) when the high beam is active.
- This output can then trigger a relay to power auxiliary lights safely without modifying the vehicle's main wiring . Products like the CANM8 CANNNECT HIGHBEAM interface are designed for this purpose, providing a clean 12V output when the high beam is on, compatible with most vehicles that use CAN Bus wiring .

Tapping the High Beam Wire in Traditional Headlights

For vehicles with conventional wiring, you can identify the high beam wire directly:

- Open the hood and locate the back of the headlight assembly...

Article Content

Apr 11, 2026

How to Use High Beam Trigger Signal to Control LED Auxiliary Lights?

Learn how to use the high beam trigger signal to control auxiliary LED lights in modern US/EU vehicles, ensuring safe and reliable

Jul 09, 2026

Beijer High Beam Trigger Output for Driving Lights and Spotlights

This interface is the ideal solution to help you access the car computer signals trigger spotlights, driving lights, fog, flood and exterior

Feb 14, 2026

Trigger Wizard

This adapter is required if you want to output a 12v high beam signal that will allow DENALI lights to change intensity with your

Aug 10, 2025

What is high-beam assist?

How does high-beam assist work? A sensor usually mounted on the rear-view mirror detects headlights and rear

May 11, 2026

CAN Bus High Beam Interface | CANNECT HIGHBEAM

The CANM8 CANNECT HIGHBEAM is a CAN Bus Interface that provides a quick solution for detecting

Dec 30, 2025

Low Beam vs. High Beam Headlights: Use the Right Light (Guide)

Confused about low beam vs. high beam headlights? Learn the difference! Use the right headlights for safe driving at

Mar 24, 2026

How do I use High beams as a trigger for my aux lights?

My goal is to use a relay to power my aux lights while using my high beams as the "switch". I wired everything up

Dec 04, 2025

CAN Bus module for high beam

With modern headlights with LED or xenon technology, it is often difficult or impossible to pick up a control

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Can-Bus interface for 12V High Beam signal

Canbus Smart interface adapter with signal outlet for high beam. Many new car models has HID/LED

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April 2023 Mobileye 8

A Positive (+) or Negative (-) High Beam Signal that will activate the vehicle's high Beam lights (according to the vehicle's electric

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What Are High Beam Headlights? Guide to Full Beam Usage and Safety

Learn everything you need to know about high beam headlights (full beams) in cars, including when to use them, how

Sep 29, 2025

How to Wire LIGHT BAR to HIGH BEAMS | Much Brighter at Night!

This wiring will work with most light bars, but for this application I will show you how to wire

May 19, 2026

CAN Bus High Beam Output Interface

Seamlessly integrate driving lights with CANM8 CAN Bus High Beam Output Interface. Get precise high

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How to Use High Beams

Car lights explained - Today you'll learn all about the car's high beams (High Beam

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CAN Bus High Beam Interface | CANNECT HIGHBEAM

The CANM8 CANNECT HIGHBEAM is an ideal solution for vehicles which require the installation of

Jun 06, 2026

How to Wire External Driving Lights on a High Beam Wiring Harness

In this video, I will show you how to wire external driving lights (spot lights, ditch lights,

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High Beam Assist

System operation While driving with high beam assist turned on, the vehicle's high beams will remain on

Aug 25, 2025

Does automatic/adaptive high beam still work when

Making any additions or modifications to the bulb or wiring harness will not affect the adaptive high beam.

Jan 26, 2026

What Is High Beam Assist? All You Need to Know

What is High Beam Assist? Driving at night or on dark, unlit roads comes with its own unique challenges, especially when it comes to

Nov 05, 2025

CANM8 CANNECT Highbeam Signal Interface

By installing into the vehicles digital CAN network, the CANNECT Highbeam interface converts the signal

Oct 08, 2025

The Headlight Indicator and High Beam Light Indicator Explained

There is another headlight indicator called the high beam light indicator. It features the high beam sign, an image of

Jul 06, 2026

How to Wire LIGHT BAR to HIGH BEAMS | Much Brighter at Night!

In this video, I show you how to Wire Light Bar to High Beam. This mod is going on my

Jan 21, 2026

CAN Bus High Beam Output Interface

If you're in the market for a light-bar or driving lights but there is no high-beam wire on your vehicle's

Nov 25, 2025

HOW TO: CANM8 High Beam Interface

CAN Bus systems aren't something to be concerned about when fitting auxiliary driving

Nov 10, 2025

CAN INTERFACE

In modern vehicles where a traditional high beam signal is no longer available, the Cannect interface is the perfect solution for

Jul 21, 2026

CanM8 CAN Bus High Beam Signal Interface

It provides a high beam output signal for aftermarket lights, offering greater control and functionality.

Nov 22, 2025

High Beam vs Low Beam Headlights: When to Use Each One

High Beam vs. Low Beam: What's the Difference? Understanding the fundamental disparities between high-beam and low-beam

Jul 29, 2025

LED DRIVING LIGHT / LIGHT BAR WIRING HARNESS QUICK

From the relay there will be a cord with a white plug on the end, this is to connect the driving light or light bar to your high-beam

Aug 31, 2025

CANM8 CANNECT High Beam Output Interface

The CANM8 CANNECT Highbeam C8NECT interface allows connection of aftermarket lightbars and

Aug 30, 2025

How to Convert High Beam DRL to LED Lights

How to Convert High Beam DRL to LED Lights: A lot of automakers such as Acura/Honda,

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Don't Cut That Wire Yet! How to Tap into Your High

In this guide, I'm putting aside the complex engineering jargon. I am going to show you

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The Headlight Indicator and High Beam Light Indicator Explained

The headlight indicator is a warning light on your car's instrument panel. It usually bears a symbol resembling a light

Jul 23, 2026

CANM8 Connect Highbeam Output Interface

Do you have a vehicle you wish to add an LED light bar to? Maybe driving lights? but your vehicle has no

Sep 16, 2025

High Beam vs. Low Beam: What's the Difference?

Understanding high beam vs. low beam lights and how they work is important for both safe driving and replacing your

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High Beam vs. Low Beam

On newer vehicles, the high beam control is found on the turn signal lever. HIGH BEAM VS. LOW BEAM — REACH AND

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What Are Automatic High Beams and How Do They Work?

Automatic high beams use forward-facing cameras and light sensors to detect oncoming headlights, taillights, and

Contact Us

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

Website: <https://ntmmgroup.co.za>

Email: sales@ntmmgroup.co.za

Phone: +27 82 471 2596

Address: Unit 7, Optic Park, 24 High-Tech Lane, Century City, Cape Town,
7441, South Africa

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