Pulse High Beam OBD Module

Overview

Connect the female connector of the Hi-Beam harness to the OBD port. Turn the ignition on and test the functionality of the Hi-Beam interface with the additional accessory.

Key Takeaways

A Pulse High Beam OBD Module is a CAN Bus interface that detects high beam activity and provides outputs for controlling additional lights or accessories, often including a pulsed speed signal for advanced lighting features.

Overview

A Pulse High Beam OB

D Module, such as the CanM8 Cannect Duo, is designed to interface with a vehicle's CAN Bus system to detect when the high beams are active. It provides one or more outputs that can be used to control additional driving lights or other accessories via a relay. Some modules also include a pulsed speed signal output (typically 10Hz) for features like speed-adaptive lighting.

Key Features

High Beam Detection: Outputs 12V (or 24V in some models) when the vehicle high beam is active, allowing external lights to switch on automatically. Pulse Output: Provides a square pulsed speed signal for integration with smart lighting systems, such as Lazer Triple-R Smartview LED lamps. Multiple Outputs: Some modules, like the CANNECT HIGHBEAM-4, include additional outputs for ignition-on, side lights, and reverse gear, enabling broader accessory control.

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Plug-and-

Play Installation: Most modules come with vehicle-specific harnesses for easy installation without cutting into factory wiring. Custom Applications: Manufacturers can provide custom software or configurations if a vehicle is not listed or requires special functionality.

Applications

Additional Driving Lights: Automatically switch on auxiliary lights when high beams are activated.

Speed-

Adaptive Lighting: Use the pulsed speed output to adjust lighting intensity or pattern based on vehicle speed. Accessory Control: Control other devices like relays, alarms, or indicators that need to respond to high beam, ignition, or reverse gear signals.

Installation Notes

Requires technical knowledge and proper tools to connect to the vehicle's OBD or CAN Bus port safely. Some modules have timed outputs that remain active for a set period after ignition off or high beam flash, useful for “coming home” lighting functions. Always verify vehicle compatibility before installation, as CAN Bus protocols vary between manufacturers and models.

Summary

Pulse High Beam OB

D Modules are versatile CAN Bus interfaces that allow vehicles to integrate additional lighting and accessories with high beam signals. They are particularly useful for modern vehicles with CAN Bus wiring, providing both high beam detection and optional pulsed speed outputs for advanced lighting control. Proper installation ensures safe and reliable operation while maintaining factory wiring integrity.

Article Content

CANHBVX2 Hi-Beam CAN-Bus Interface

Connect the female connector of the Hi-Beam harness to the OBD port. Turn the ignition on and test the functionality of the Hi-Beam interface with the additional accessory. When successfully tested, this

CAN Bus High Beam Interface | CANNECT HIGHBEAM

The CANM8 CANNECT HIGHBEAM is a CAN Bus Interface that provides a quick solution for detecting High Beam Activity, for the installation of additional driving

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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 signal for the high beam. In these cases, it is

CAN Bus High Beam Interface | CANNECT HIGHBEAM-3R

The CANM8-HIGHBEAM-3R is a CAN Bus interface which provides outputs for High Beam, Ignition-On and Reverse Gear. Installation is quick and simple with only 4 connections to the vehicle''s wiring

CAN-Bus High Beam Interfaces

The interface can be used to add additional lighting or control other accessories using the vehicle''s high beam controls by decoding data from the vehicle''s CAN-Bus in order to activate the connected

Lazer Lamps CANM8 CANNECT HIGHBEAM Can-bus

The CanM8 Cannect Duo (Speed Pulse & High Beam) Interface is a 2-output CAN Bus interface which provides a quick solution for detecting high beam activity on

CAN Bus High Beam Output Interface

It provides a high beam output signal for aftermarket lights, offering greater control and functionality. Allowing for a cleaner and more efficient installation process

Can High and Low wires

I need some help. I want to add driving lights (that function with the high beams), and some LED reverse lights (activate when the truck is in reverse). I am also installing a Switch Pro

LED Headlights and AlfaOBD... | 5thGenRams Forum

The LED settings shut off the PWM (pulse width modulation) that the BCM uses to drive halogen lighting. Enabling these settings will send constant target voltage to the lights, and should

OBDEleven coding

High Beam Assist (for cars with Lane Assist Camera): Ensure light switch is in the OFF position, wipers not on auto, doors closed and ignition on,

Smart beams help with alpha OBD

Auto High Beam Module Location- ECC AHBM 3: CustSetMenu 1: Auto High Beam CSM Present- Yes 4: Lin & Misc: SMart Beam Present (AHBM)- Yes (I was unable to find this setting, and

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CANM8 Cannect Highbeam Output Interface

The CANM8 CANNECT HIGHBEAM interface is a single output CAN Bus interface which provides a quick solution for detecting high beam activity on vehicles that

P1567 — Lamp Headlamp High-Beam Circuit Failure

P1567 — Lamp Headlamp High-Beam Circuit Failure Note: The specific label for this Diagnostic Trouble Code (DTC) may vary depending on the vehicle manufacturer. Always refer to the OEM-specific

CAN-Bus High Beam Interfaces

The CAN-Connect High Beam Interface is a versatile CAN-Bus interface with multiple outputs that can supply power to external components when used in conjunction with a vehicle''s lighting system.

High Beam Detect C CAN CAN Bus interface

C CAN can be configured for "High Beam Detect" on most vehicles for driving light control. Combined with an on-switch input C CAN High Beam Detect uses a standard C CAN Module to detect High

Can High and Low wires

I am using a Canm8-3R can bus reader with a contactless reader to connect the trigger wires for the Switch Pro, but I am having a heck of a time finding the Can High and Low wires to

Alfa OBD Success! | Cummins Diesel Forum

Also worth the price of admission is disabling the fog lamp cutoff with the high beams, and ability to enable HID/xenon for low beams, thus saving us

OBD-II Code B1632: Left High Beam Control Circuit Fault

On many vehicles, particularly from Chrysler, Dodge, Jeep, and Ram, code B1632 means the Body Control Module (BCM) detects an electrical fault in the circuit controlling the left high beam

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