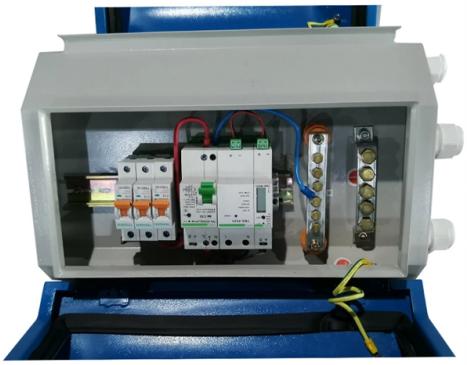
OBD connection cable male and female



Overview

Vector offers a variety of cables for your OBD hardware. This overview helps you to find suitable cables for your device.

Key Takeaways

An OBD2 male-to-female cable is an extension cable that connects a vehicle's OBD2 port to a diagnostic tool, providing easier access and protecting the original connector.

Overview

An OBD2 male-to-female cable features a male plug that inserts into the vehicle's OBD2 port and a female socket that accepts a diagnostic device, such as a scan tool or ELM327 adapter. These cables are commonly used when the OBD2 port is hard to reach, for mounting permanent tracking devices, or to reduce wear on the vehicle's original connector.

Key Features

Standard 16-pin layout: Most OBD2 connectors follow the SAE J1962 Type A (12V) or Type B (24V) standard, ensuring compatibility with a wide range of vehicles. Protocol support: Supports all standard OBD2 communication protocols, including CAN, ISO 9141, PWM, and VPW. Durable construction: High-quality materials provide flexibility, strain relief, and resistance to wear and impact.

Power control: Some cables include a power switch to prevent battery drain when the car is off. Extension length: Typically ranges from 20 cm to 30 cm (7. 9–12 inches), allowing convenient access without excessive slack.

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Applications

Diagnostic tool extension: Facilitates connection of scan tools in tight dash areas. Port protection: Reduces wear on the vehicle's original OBD2 port by acting as an intermediary. Chaining multiple cables: Some extension cables can be connected together to achieve longer reach for specialized setups.

Considerations

Verify voltage compatibility: Especially important for diesel or heavy-duty trucks using Type B connectors. Avoid cheap adapters: Ensure the cable supports all required protocols and has proper strain relief to prevent damage. Proper handling: Even durable cables should be handled carefully to maintain longevity.

Using a male-to-female OBD2 cable is a practical solution for enhancing accessibility, protecting the original port, and ensuring reliable diagnostic connections across most vehicles.

Article Content

Amazon : Obdii Cable

Autel OBD2 Extension Cable, Full 16Pin Male to Female OBDII Extension Cable Diagnostic Extender, 16Pin OBD II Cord Adapter, for All OBD2 OBD II Vehicles (1m/3.3ft)

OBD Cables | Vector

Vector offers a variety of cables for your OBD hardware. This overview helps you to find suitable cables for your device.

How to Choose OBD2 Connector Male to Female, Are All Ports Wired

Learn how to choose an OBD2 male to female connector and understand if all OBD2 ports are wired the same. Key specs, compatibility factors, and buying tips.

16PIN OBD2 Male to Female 90° Diagnostic Extension

OBD2 Extension Cable, designed to extend the reach of your vehicle''s OBD2 diagnostic port. This extension facilitates easier access for diagnostic tools,

Obd2 Connector

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OBD II Connector

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OBD II connector, OBDII male connector, and OBD2 male connector of Yason Electronics Technology Co., Ltd. are of high quality and cost-effective; reliable

16PIN OBD2 Diagnostic Extension Cable – 30cm Male

The 16PIN OBD2 Diagnostic Extension Cable (30cm, Male to Female) is a compact and durable extension solution designed to connect your vehicle''s OBD2 port to

ThinkDiag 16 Pin OBD2 Extension Cable Male To Female OBD2

Designed exclusively for ThinkDiag, this OBD2 diagnostic tool accessory also supports connecting to all OBD‖ devices, which sleek and seamless when connect to ThinkDiag and other OBDII devices.

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4 iKKEGOL Full 16 Pin OBD2 OBD II Male to Female Extension Cable Cord Diagnostic Tool Adapter for Auto Car Vehicle Truck 24V All OBD2 Port Plug Connector 24AWG (1M/3.3FT)

Andufuse 16 Pin OBD2 OBDII Splitter Extension Cable Male to Dual Female ...

* OBD male and female device interfaces are designed in accordance with international standard automotive OBD-16 wire interface.The sockets can be tightly integrated to ensure stable

obd2 cable — Niche Verdict: Skip it (43/100) | Amazon United States ...

2 bbfly-A9 OBD II OBD2 16 Pin Splitter Extension 1x Male and 2X Female Extension Cable Adapter (2FT/60CM) bbfly$9.824.5★3,138 rev 3 OBD2 Right Angle Splitter Y Cable Male Splitter to 2 Female

J1939 9 Pins to OBD2 Female Male 16 Pin Connector Adapter Truck

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Thinkcar 16 Pin OBD2 Male To Female Extender Extension Cable

Designed exclusively for ThinkDiag, this OBD2 diagnostic tool accessory also supports connecting to all OBD‖ devices, which sleek and seamless when connect to ThinkDiag and other OBDII devices. 16

OBD2 Extension Cable, OBDII Extend Cable, OBDII Full 16Pin Male

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OBD2 Extension Cable, OBDII Extend Cable, OBDII Full 16Pin Male and Female Flat Ribbon Cable for Car OBD Diagnostic Extender Cord Connector and All OBD2 Equipment Material, 100CM/39Inch

HEX Code 10 Pin to OBD Male Adapter for GS-911

Allow your 10 pin diagnostic connector outfitted GS-911wifi to connect to the new generation of EU4 compliant J1962 (OBD II) diagnostic connection equipped motorcycles with the HEX Code EU4

OBD OBD2 16Pin Female Extension Opening Cable Car Diagnostic

OBD OBD2 16Pin Female Extension Opening Cable Car Diagnostic Interface Connector OBD II Female Converter OBD2 Male Cable Description Allows the device to be connected High quality materials

OBD2 Extension Cable,Ultra-Thin OBDII Male to Female ...

OBD2 Extension Cable,Ultra-Thin OBDII Male to Female Connection Cord Extension Cable, 16 Pin OBD 2 Flat Wire Car Diagnostic with Individually Power Switch 2Ft (with One Switch)

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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