Blue and black pigtail connectors

Overview

Wiring Connectors and Pigtails Get Wiring Connectors and Pigtails fast! Low Prices, Fast Shipping, Easy Returns, US Based Support, Trusted Brands at Summit.

Key Takeaways

Blue and black pigtail connectors are color-coded wiring connectors used to join, extend, or repair electrical circuits safely and efficiently. What Are Pigtail Connectors? A pigtail connector is a short wire with a connector installed on one end, while the other end is left bare or stripped for splicing into a circuit.

They are commonly used to connect two wires, repair damaged wiring, or extend circuits without soldering or complex tools. Pigtail connectors provide stress relief, prevent wire damage, and ensure a secure electrical connection for safety and reliability.

Color Coding

Blue connectors typically indicate a wire gauge range of 14–16 AWG and are often used for medium-current circuits in automotive or industrial applications. Black connectors are usually used for hot or live wires in AC or DC circuits, depending on the system, and may correspond to a specific wire gauge depending on the manufacturer. Color coding helps identify wire function and ensures proper connections, reducing the risk of short circuits or electrical faults.

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Types and Applications

Pigtail connectors come in various types: Male or female terminals for plug-and-play connectionsRing or spade terminals for secure attachment to screws or postsWeatherproof or sealed connectors for automotive and outdoor use Common applications include: Automotive wiring (headlights, sensors, and lamps)LED lighting and low-voltage DC circuitsIndustrial equipment and machinery wiringHousehold electrical repairs and extensionsChoosing the Right ConnectorWhen selecting a pigtail connector, consider: Wire gauge compatibility: Ensure the connector matches the wire size for a secure connectionVoltage and current rating: Check that the connector can handle the circuit's electrical loadEnvironment: Choose weatherproof or heat-resistant connectors for outdoor or high-temperature applications Where to BuyBlue and black pigtail connectors are available from electronics and automotive suppliers such as Mouser Electronics, Summit Racing, and Amazon, offering a variety of connector types, sizes, and quantities.

Using the correct pigtail connector ensures safe, reliable, and long-lasting electrical connections in any wiring project.

Article Content

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Pigtail Connectors – Mouser

Mouser offers inventory, pricing, & datasheets for Pigtail Connectors.

FindPigtails | Automotive Connectors

Shop hundreds of OEM-style automotive connectors and pigtails at FindPigtails . Search by vehicle make, keyword, or upload a photo. Avoid

Amazon : Pigtail Wire Connector

Contains at least 50% recycled material. Global Recycled Standard (GRS) certified products contain recycled content that has been independently verified at each stage of the supply chain, from the

Amazon Best Sellers: Best Automotive Replacement Pigtails & Sockets

Discover the best Automotive Replacement Pigtails & Sockets in Best Sellers. Find the top 100 most popular items in Amazon Automotive Best Sellers.

Wiring Pigtail Kits Identification Guide | Motorcraft

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As separate components, these butt connectors and heat shrinkable tubings are known for their superior quality and performance. Combined, you cannot achieve better results, and this is precisely why

Electrical Connectors

Get the electrical connectors & wiring pigtails that your vehicle needs. Free next day delivery or same day pickup in-store. We have connectors for your make and model.

Connector identification online

-- A free service from The Electronic Connector Book. Connecting devices used in the electronic industry. If you know its name, select Browse/Keyword. Rev 1.14, April 2026 (Python 3). Copyright

Automotive Electrical & Wire Connectors | The Pigtail

Rugged electrical connectors for trucks, buses, fleets, and commercial vehicles. Built to handle vibration, heat, and demanding environments. The Pigtail

Pigtail Connectors | McMaster-Carr

Choose from our selection of pigtail connectors, including electrical connectors, data, audio, and video connectors, and more. Same and Next Day Delivery.

What is a Pigtail Connector? A Complete Guide

Learn about pigtail connectors—short wires with a connector on one end—used to safely and efficiently join, extend, or repair electrical circuits.

Shop by Connector Pin Count

Shop by Connector Pin Count Find the perfect automotive connector today, we offer a large selection of pigtail connectors for various pin counts. From 1 to 16+ pins,

6 Kit Deutsch DT 2 pin Black Male Female Wiring Harness Deutsch Pigtail ...

6 Kit Deutsch DT 2 pin Black Male Female Wiring Harness Deutsch Pigtail 2 Wire Way Waterproof Automotive Electrical Connector 16 AWG with Heat Shrink Tubing

Pulse Power Plug Pigtail Connector Compatible with

Pulse Power Plug Pigtail Connector Compatible with Polaris 2018 2019 2020 2021 2022 2023 2024 Ranger XP 1000/ RZR/Pro RS1 General Pulse Bus Bar

Electrical Pigtail Wire Connectors | Waytek

Pigtail Wire Connectors from Waytek are primarily for powering lights, such as LED. Pigtails are a great replacement for any wiring application. Shop Waytek today!

Pigtail Connectors in Vehicle Cable: What You Need to Know

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A pigtail connector is a short wire with a plug on one end and open wires on the other, ensuring safe, reliable connections in vehicle electrical systems.

3M Scotchlok Electrical IDC (Insulation Displacement Connector

Product Summary: 3M Scotchlok Electrical IDC (Insulation Displacement Connector) 314-BOX, Pigtail, Self-Stripping, Moisture-Resistant, Blue, 22-14 AWG (solid/stranded), Pack of 50 Flame retardant, nylon-insulated wire connector with blue cap and white body connects 2 or 3 wires

Accessories

Engineering high quality marine electrical components for safety, reliability and performance

Related Video Reference

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

Contact Us

Continue your research online:

Website: https://cgweb.co.za
Technical inquiry: https://cgweb.co.za/project-enquiry.html

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

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