

## ACDelco PT3378

# ACDelco GM Original Equipment PT3378 Multi-Purpose Pigtail

Model: PT3378 (Part Number: 13585845)

Brand: ACDelco

## 1. PRODUCT OVERVIEW

The ACDelco GM Original Equipment PT3378 Multi-Purpose Pigtail is a replacement electrical connector designed for splicing into vehicle harnesses. It is engineered to meet the performance, durability, and service life standards of General Motors vehicles.

This pigtail connector ensures a proper fit and function, serving as a direct replacement for original components in various GM applications.

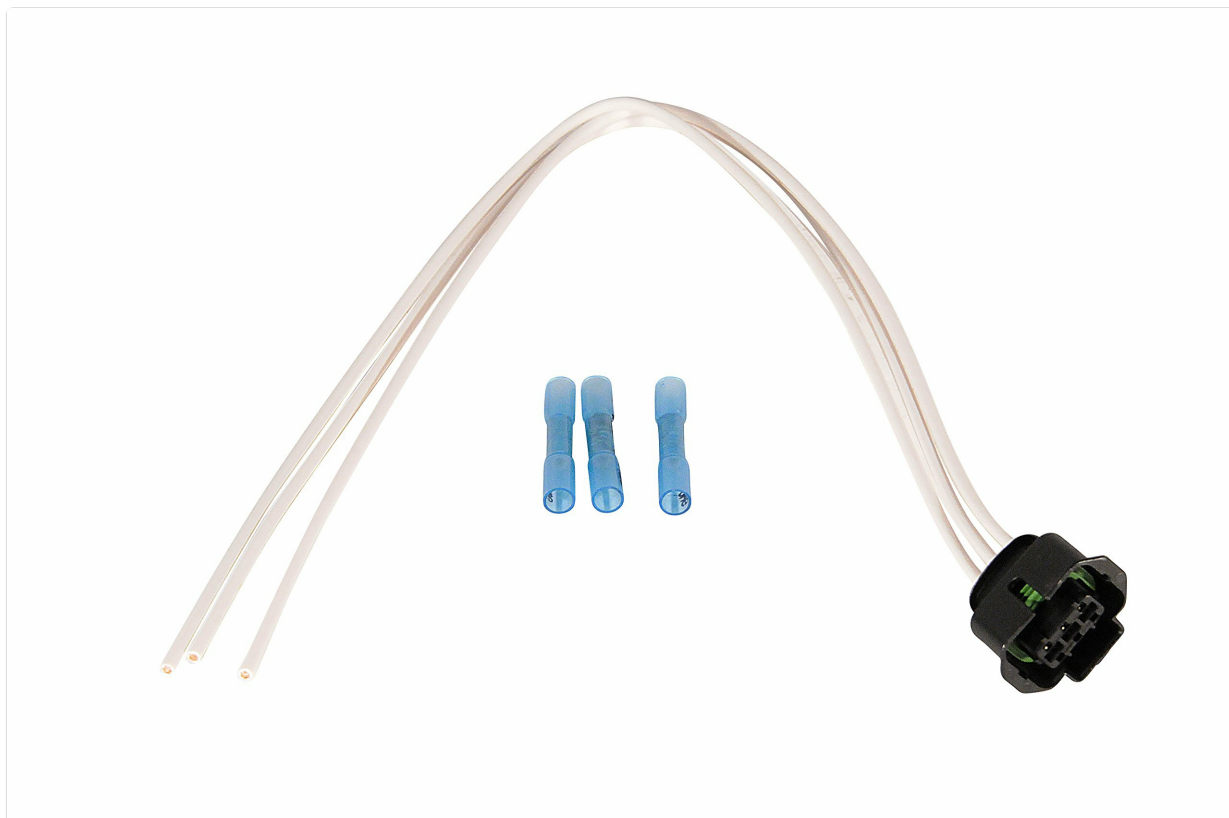


Image 1.1: Close-up of the ACDelco PT3378 Multi-Purpose Pigtail connector, highlighting the multi-pin electrical interface and the attached white wires.

## 2. SAFETY INFORMATION

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Always observe the following safety precautions when working with automotive electrical components:

- **Disconnect the vehicle's battery** before performing any electrical work to prevent accidental short circuits or electrical shock.
- **Wear appropriate personal protective equipment**, including safety glasses and gloves.
- **Ensure all connections are secure and properly insulated** to prevent corrosion and electrical faults.
- **Consult a professional automotive technician** if you are unsure about any installation steps.

## 3. PRODUCT FEATURES

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- **Protective Outer Coverings:** Designed to provide long-lasting durability and protection against environmental factors.
- **Color-Coded Wires:** Facilitate easy and correct installation by simplifying wire identification.
- **GM-Recommended Replacement:** Ensures compatibility and performance equivalent to the original factory component.
- **Quality and Reliability:** Manufactured to GM Original Equipment specifications for fit, form, and function.

## 4. SETUP AND INSTALLATION

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This pigtail connector is designed for splicing into an existing vehicle harness. Proper installation is crucial for optimal performance and safety.

1. **Verify Compatibility:** Before beginning installation, confirm that the PT3378 pigtail is the correct size and fit for your specific vehicle application. Refer to your vehicle's service manual for exact part requirements.
2. **Disconnect Power:** Disconnect the negative terminal of the vehicle's battery to prevent electrical hazards.
3. **Identify Wires:** Carefully identify the corresponding wires on the vehicle's existing harness and the new PT3378 pigtail using the color-coding.
4. **Prepare Wires:** Cut and strip the ends of the wires on both the vehicle harness and the new pigtail, ensuring clean cuts and appropriate wire length for splicing.
5. **Splice Connections:** Use appropriate splicing techniques (e.g., solder and heat shrink, crimp connectors) to securely connect the wires. Ensure each connection is robust and insulated to prevent moisture ingress and short circuits.
6. **Secure Pigtail:** Route and secure the new pigtail to prevent chafing or damage from moving parts or heat.
7. **Reconnect Power:** Reconnect the vehicle's battery and test the functionality of the connected component.

## 5. MAINTENANCE

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The ACDelco PT3378 pigtail is designed for durability and requires minimal maintenance. However, periodic inspection can help ensure its longevity and proper function.

- **Inspect for Damage:** Regularly check the pigtail and its connections for any signs of wear, cracking, or damage to the wire insulation. Replace the pigtail if significant damage is observed.
- **Check for Corrosion:** Inspect the electrical contacts for corrosion. If dielectric grease was present in

the original socket, it was designed to protect contacts from corrosion by keeping water out. Consider applying dielectric grease to new connections for added protection.

- **Ensure Secure Connections:** Verify that all spliced connections remain secure and properly insulated. Loose connections can lead to intermittent electrical issues.

## 6. TROUBLESHOOTING

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If you experience issues after installing the pigtail, consider the following:

- **Component Malfunction:** If the connected component (e.g., sensor, light) is not functioning, first verify that the component itself is operational.
- **Wiring Issues:** Double-check all wire splices for proper connection and insulation. An illuminated ABS light, for example, can sometimes indicate a malfunctioning wire harness.
- **Power Supply:** Ensure that the component is receiving adequate power and ground. Use a multimeter to check voltage and continuity.
- **Diagnostic Codes:** If your vehicle's check engine light or other warning lights are illuminated, retrieve any diagnostic trouble codes (DTCs) using an OBD-II scanner. These codes can help pinpoint the exact issue. For instance, a vent solenoid that is stuck open or closed due to a harness issue can cause the Check Engine light to illuminate.

## 7. SPECIFICATIONS

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Attribute	Detail
Manufacturer	ACDelco
Brand	ACDelco
Item Model Number	PT3378
Manufacturer Part Number	13585845
OEM Part Number	13585845
Item Weight	1.9 ounces
Product Dimensions	8 x 12 x 1 inches
ASIN	B014MWLWDK
Date First Available	August 29, 2015

## 8. WARRANTY AND SUPPORT

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For warranty information or technical support regarding your ACDelco GM Original Equipment PT3378 Multi-Purpose Pigtail, please refer to the official ACDelco website or contact their customer service department. Keep your purchase receipt for warranty claims.

**ACDelco Official Website:** [www.acdelco.com](http://www.acdelco.com)

**Customer Service:** Refer to the contact information provided on the official ACDelco website for your region.

