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## FOXWELL Universal 12 8 Cable Adapter

# FOXWELL Universal 12+8 Cable Adapter Instruction Manual

**Model:** Universal 12 8 Cable Adapter

**Brand:** FOXWELL

## 1. INTRODUCTION

The FOXWELL Universal 12+8 Cable Adapter is designed to enable communication between your compatible FOXWELL diagnostic scan tool and 2018 and newer FCA (Fiat Chrysler Automobiles) vehicles. This adapter bypasses the Security Gateway Module (SGM) found in these newer vehicles, allowing your scan tool to perform full diagnostic functions, including reading and clearing fault codes, viewing live data, and performing special functions.

**Compatible Foxwell Scan Tools:** NT6, NT7, NT809, NT809BT, NT809TS, NT909, NT1009.

**Compatible FCA Vehicles (2018+):** Chrysler, Dodge, Jeep, Ram, Fiat, Alfa Romeo, etc.

## 2. SETUP

Follow these steps to properly connect the 12+8 Cable Adapter to your vehicle and compatible Foxwell scan tool:

- 1. Locate the Vehicle's OBD2 Port:** The standard 16-pin OBD2 port is typically located under the dashboard on the driver's side.
- 2. Locate the 12-pin and 8-pin FCA Connectors:** For 2018 and newer FCA vehicles, these connectors are usually found near the OBD2 port, often behind the dashboard or radio. Consult your vehicle's service manual for exact locations if needed.
- 3. Connect the 12+8 Adapter to the Vehicle:** Plug the 12-pin connector of the adapter into the vehicle's 12-pin port and the 8-pin connector into the vehicle's 8-pin port. Ensure a secure connection.
- 4. Connect the Adapter to Your Scan Tool:** Plug the standard 16-pin OBD2 end of the 12+8 adapter into your compatible FOXWELL diagnostic scan tool.
- 5. Turn On Vehicle Ignition:** Turn the vehicle's ignition to the 'ON' position (engine off).
- 6. Power On Scan Tool:** Power on your FOXWELL scan tool and proceed with the diagnostic process as per your scan tool's instruction manual.

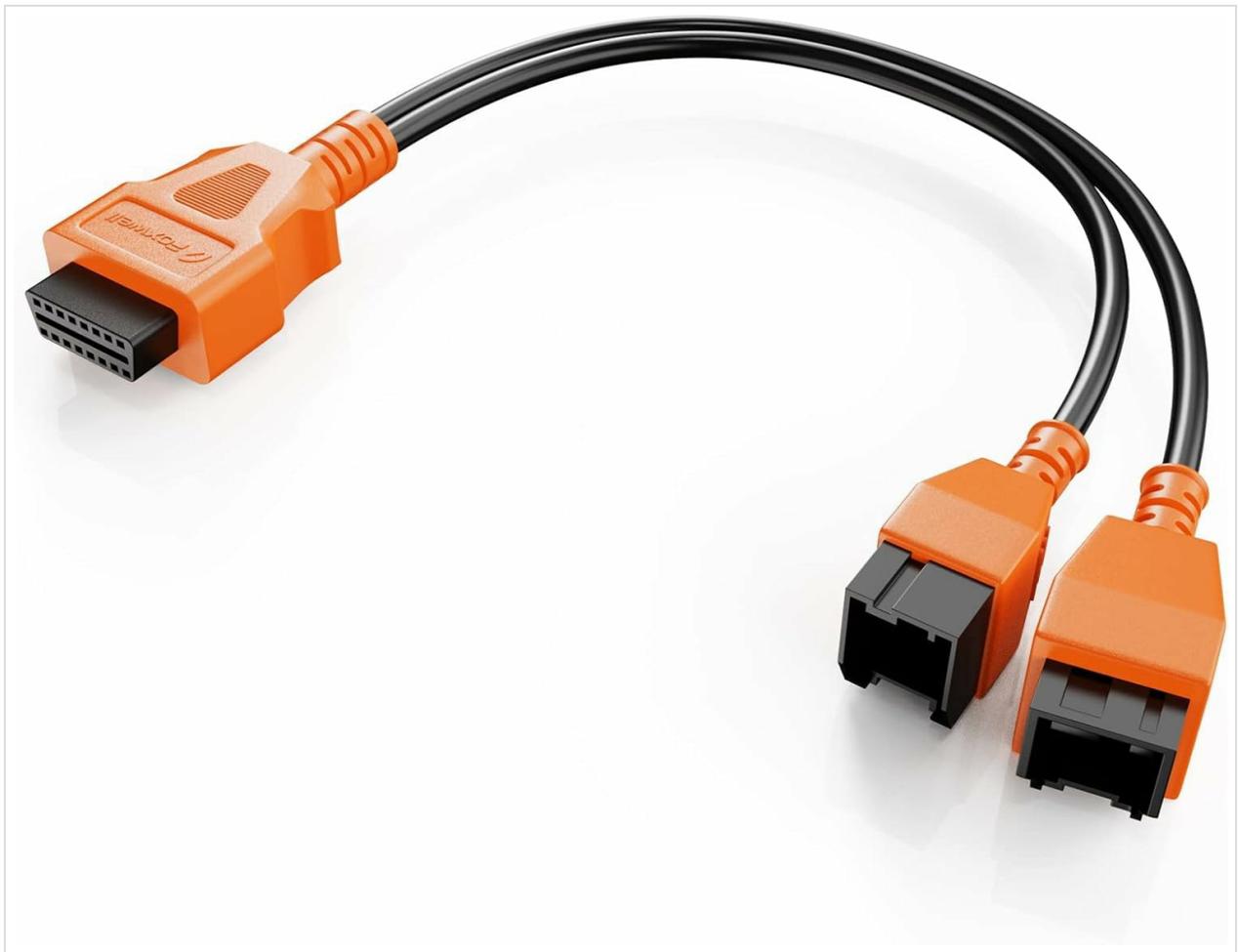


Image: FOXWELL Universal 12+8 Cable Adapter showing its various connectors.

Video: Demonstration of how to connect the Chrysler 12+8 main cable and extension cable to a diagnostic tool.

Video: Overview of the Chrysler 12+8 Adapter Cable and its connection points.

### 3. OPERATING

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Once the FOXWELL Universal 12+8 Cable Adapter is correctly connected, it acts as a bridge between your vehicle's SGM and your diagnostic scan tool. The adapter itself does not perform diagnostic functions; it simply facilitates the communication.

- **Scan Tool Operation:** Refer to the specific instruction manual of your FOXWELL diagnostic scan tool for detailed steps on how to navigate its interface, select vehicle models, perform diagnostics (read/clear DTCs, view live data), and execute special functions.
- **Diagnostic Functions:** With the adapter in place, your scan tool should be able to access various vehicle modules and perform functions such as engine diagnostics, ABS, SRS, transmission, and more, depending on the capabilities of your specific scan tool.

### 4. MAINTENANCE

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Proper maintenance ensures the longevity and reliable performance of your 12+8 Cable Adapter:

- **Cleaning:** Wipe the adapter with a soft, dry cloth to remove dust, dirt, or grease. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight, moisture, and extreme temperatures. Keep it in its original packaging or a protective case when not in use.

- **Inspection:** Regularly inspect the cable and connectors for any signs of damage, such as frayed wires, bent pins, or cracked housing. Do not use a damaged adapter.

## 5. TROUBLESHOOTING

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If you encounter issues while using the 12+8 Cable Adapter, consider the following troubleshooting steps:

- **No Communication:**
  - Ensure all connections (adapter to vehicle, adapter to scan tool) are secure and fully seated.
  - Verify that the vehicle's ignition is in the 'ON' position (engine off).
  - Confirm that your FOXWELL scan tool is compatible with the 12+8 adapter and the specific FCA vehicle model.
  - Check your scan tool's manual for any specific setup requirements for FCA vehicles with SGM.
- **Limited Functionality:**
  - Ensure your scan tool's software is up-to-date. Outdated software may not fully support newer vehicle models or functions.
  - Verify that the specific diagnostic function you are trying to perform is supported by your FOXWELL scan tool model.
- **Adapter Damage:** If the adapter appears physically damaged, discontinue use and replace it.

## 6. SPECIFICATIONS

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Feature	Specification
Product Dimensions	6.69 x 8.66 x 0.39 inches
Item Weight	4.2 ounces
Connector Type	OBD (16-pin male to 12-pin female + 8-pin female)
Compatible Devices	Foxwell scan tools (NT6/NT7/NT809/NT809BT/NT809TS/NT909/NT1009) and 2018 and newer FCA cars (Chrysler/Dodge/Jeep, etc.)
Color	Orange

## 7. WARRANTY & SUPPORT

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For warranty information, please refer to the documentation included with your product or visit the official FOXWELL website. FOXWELL is committed to providing high-quality products and customer service.

For technical support, product information, or customer service, please visit the official FOXWELL website or contact their online customer service channels. They offer real-time product information and technical support.

**Manufacturer:** FOXWELL

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