

Nilight 50062L

Nilight 12-Pack 12V Add-a-Circuit Fuse Tap Instruction Manual

MODEL: 50062L

For Standard, Mini, Micro2, and Low Profile Fuse Types

Introduction

This manual provides instructions for the safe and effective use of the Nilight 12-Pack Add-a-Circuit Fuse Taps. These devices allow for the installation of new electrical accessories by tapping into an existing fuse slot, providing protection for both the original circuit and the new accessory.

Package Contents

- 3 x Standard Add-a-Circuit Fuse Taps
- 3 x Mini Add-a-Circuit Fuse Taps
- 3 x Micro2 Add-a-Circuit Fuse Taps
- 3 x Low Profile Mini Add-a-Circuit Fuse Taps
- 12 x Blade Fuses (various amperages)

Product Features

- **Dual-Slot Fuse Holder:** Each tap provides two fuse slots. One slot protects the existing circuit, and the second slot protects the newly added circuit.
- **Easy Installation:** Designed for straightforward installation into occupied or vacant fuse block slots without the need for wire splicing or cutting.
- **Broad Compatibility:** Suitable for automotive and non-automotive 12V DC applications, including cars, trucks, SUVs, ATVs, UTVs, RVs, motorcycles, and boats. Ideal for hardwiring accessories like LED strips, dash cams, and other electronic devices.
- **Durable Construction:** Manufactured from high-quality materials for good bending performance, melting resistance, and excellent electrical conductivity.

Specifications

Attribute	Value
Type	Add-a-Circuit Fuse Adapter (Standard, Mini, Micro2, Low Profile Mini)
Voltage	12V
Wire Gauge	16 AWG
Wire Length	7 Inches
Material	Nylon Plastic
Maximum Current	1 A (AC Adapter Current, specific to fuse rating)
Certification	UL

Setup and Installation

Follow these general steps to install an Add-a-Circuit Fuse Tap. Always consult your vehicle's service manual for specific fuse box locations and fuse types.

- 1. Identify Fuse Type:** Determine the correct fuse type (Standard, Mini, Micro2, or Low Profile Mini) required for your vehicle's fuse box. Refer to the compatibility chart below.
- 2. Locate a Suitable Fuse Slot:** Find an existing fuse slot in your vehicle's fuse box that provides power only when the vehicle is on (for switched accessories) or constant power (for always-on accessories). Ensure the chosen circuit has sufficient amperage capacity for your new accessory.
- 3. Insert Fuses into the Tap:**
 - Insert the *original fuse* from the vehicle into the lower slot of the fuse tap. This protects the original circuit.
 - Insert a *new fuse* (of appropriate amperage for your accessory) into the upper slot of the fuse tap. This protects the new accessory circuit.
- 4. Connect Accessory Wire:** Connect the wire lead from the fuse tap to your new accessory's power wire. You may use a crimp connector for a secure connection.
- 5. Insert Fuse Tap:** Carefully insert the assembled fuse tap into the chosen fuse slot in your vehicle's fuse box. Ensure it is fully seated.
- 6. Test the Circuit:** Turn on your vehicle and test the newly installed accessory to ensure it functions correctly.

ADD-A-CIRCUIT FUSE ADAPTER

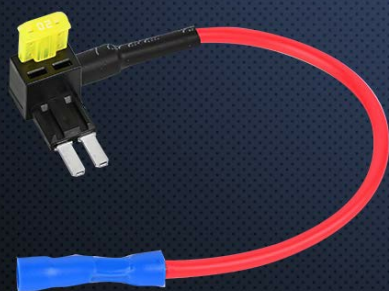
Fuse for new circuit

Original factory fuse goes here

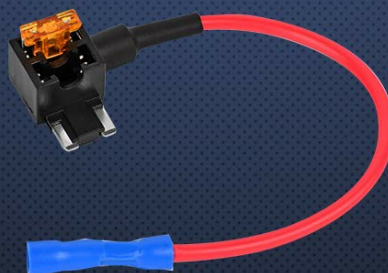
Fits into fuse slot in fuse box

Mini

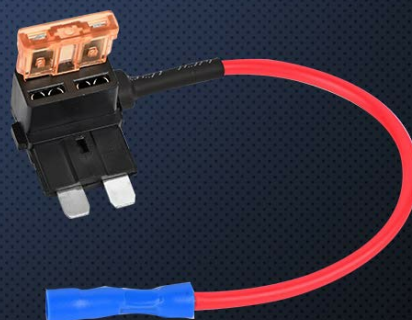
Wire lead for the new circuit



Micro2



Low Profile



Standard

Figure 1: Diagram illustrating the components and installation of an Add-a-Circuit Fuse Tap.

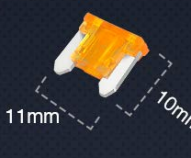
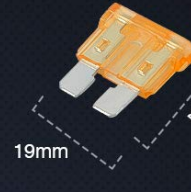
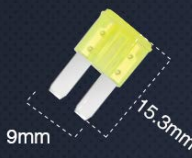
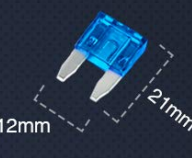
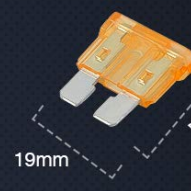
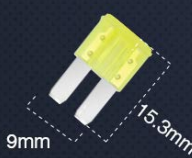
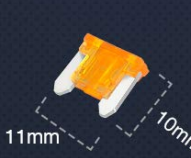
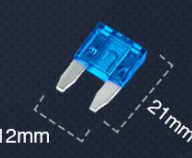
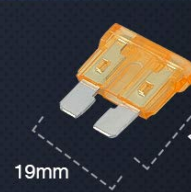
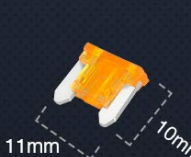
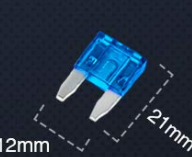
Standard	 9mm 15.3mm ⚡	 11mm 10mm ⚡	 12mm 21mm ⚡	 19mm 29mm ✓
Micro 2	 9mm 15.3mm ✓	 11mm 10mm ⚡	 12mm 21mm ⚡	 19mm 29mm ⚡
Mini	 9mm 15.3mm ⚡	 11mm 10mm ⚡	 12mm 21mm ✓	 19mm 29mm ⚡
Low Profile Mini	 9mm 15.3mm ⚡	 11mm 10mm ✓	 12mm 21mm ⚡	 19mm 29mm ⚡

Figure 2: Fuse Type Compatibility Chart. Use this chart to identify the correct fuse tap for your vehicle's fuse type.

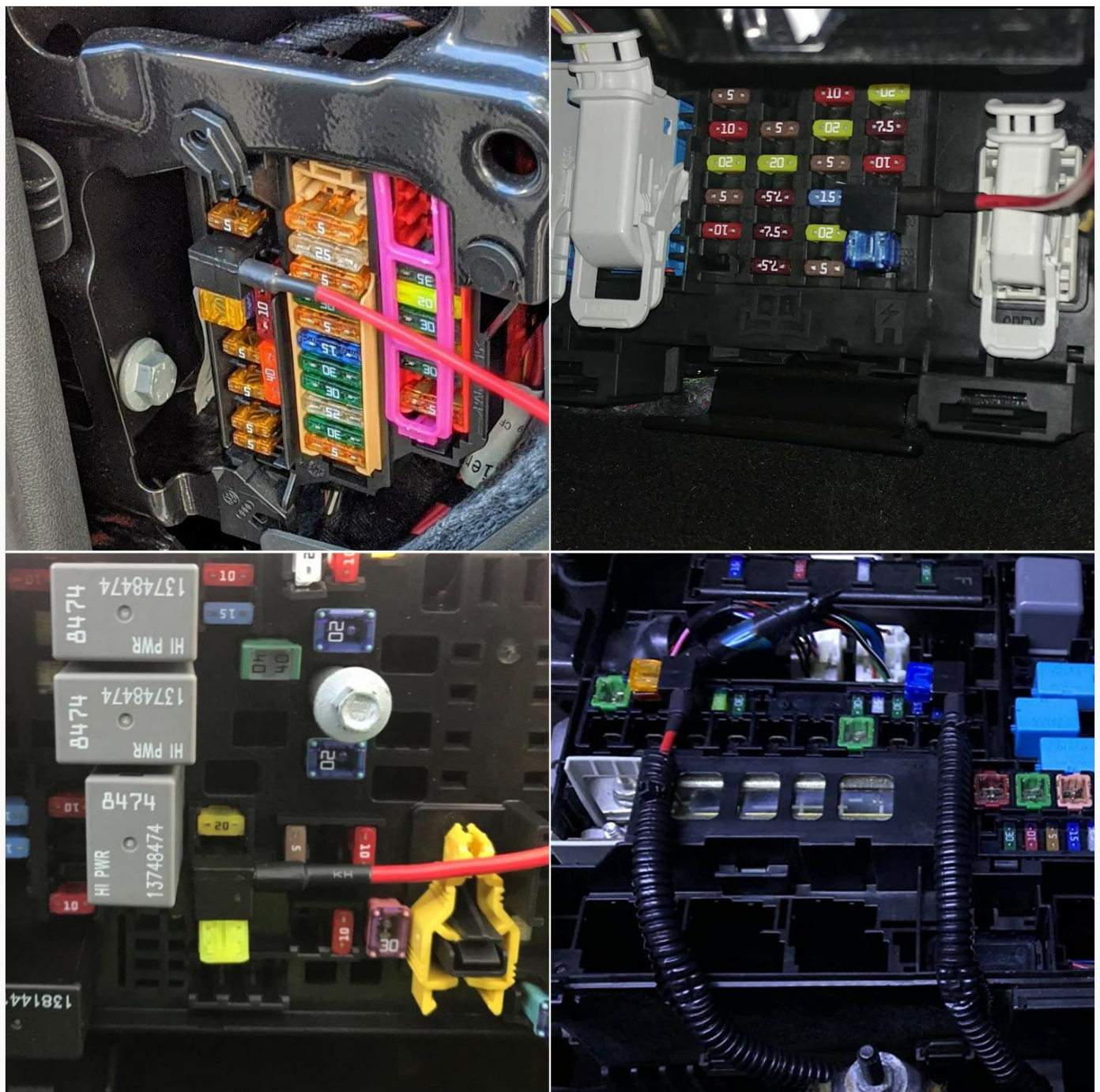


Figure 3: Examples of Add-a-Circuit Fuse Tap installations in different vehicle fuse boxes.

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Video 1: Official Nilight video demonstrating the four types of Add-a-Circuit Fuse Adapters and their basic function.

Operating Instructions

Once correctly installed, the Add-a-Circuit Fuse Tap operates automatically. The original circuit will continue to function as before, protected by its original fuse. The new accessory circuit will receive power from the same source, protected by the new fuse inserted into the tap. If either fuse blows, only the affected circuit will lose power, while the other remains operational.

Maintenance

These fuse taps require minimal maintenance. Periodically inspect the connections for any signs of corrosion or loose wiring. If an accessory stops working, check the fuse in the upper slot of the fuse tap. If the original circuit stops working, check the fuse in the lower slot. Replace blown fuses with new fuses of the correct amperage rating and type.

Troubleshooting

- **New Accessory Not Working:**

- Check the fuse in the upper slot of the fuse tap. Replace if blown.
- Ensure the accessory's wiring is correctly connected to the fuse tap's lead.
- Verify the fuse tap is fully seated in the vehicle's fuse box.

- **Original Circuit Not Working:**

- Check the fuse in the lower slot of the fuse tap. Replace if blown.
- Ensure the fuse tap is correctly installed and making good contact.

- **Fuse Tap Does Not Fit:**

- Confirm you have selected the correct fuse tap type (Standard, Mini, Micro2, or Low Profile Mini) for your vehicle's fuse box. Refer to the compatibility chart in the Setup section.

Safety Information

WARNING: Operating, servicing, and maintaining a passenger vehicle or off-road vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your vehicle in a well-ventilated area, and wear gloves or wash your hands frequently when servicing your vehicle. For more information go to www.P65Warnings.ca.gov/passenger-vehicle.

Always disconnect the vehicle's battery before working on electrical systems to prevent electrical shock or damage to components. Ensure all connections are secure to prevent shorts or intermittent power issues.

Warranty

This Nilight product comes with a **2-Year Warranty** from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use.

Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Nilight customer support through their official website or the retailer where the product was purchased.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question