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## PARKVISION FT01

# PARKVISION 12V CANBUS Signal Filter for Reversing Camera

Model: FT01

## 1. INTRODUCTION

The PARKVISION 12V CANBUS Signal Filter (Model FT01) is designed to enhance the performance of your vehicle's reversing camera system. It effectively addresses common issues such as screen flickering, image distortion, or a black screen that can occur due to unstable power supply or CANBUS interference. By stabilizing the 12-volt DC power, this filter ensures a clear and consistent video feed from your reversing camera.

## 2. PRODUCT FEATURES

- **Flicker and Noise Suppression:** Eliminates screen flickering and image noise caused by unstable power or CANBUS systems.
- **Stable 12V DC Output:** Provides a consistent 12-volt power supply to the reversing camera.
- **Compact Design:** Small and lightweight for easy integration into vehicle wiring.
- **Easy Installation:** Simple wiring connections for quick setup.
- **Durable Construction:** Made from high-quality PVC material for toughness and anti-aging properties.

## 3. SPECIFICATIONS

Model	FT01
Input Voltage	12 Volts DC
Output Voltage	12 Volts DC (Stabilized)
Max Current Load	Up to 1 Ampere (1A)
Cable Length	Approximately 20 cm (7.87 inches)
Product Weight	Approximately 20 grams
Dimensions (Package)	19.7 x 14.8 x 1.2 cm

## 4. INSTALLATION GUIDE

Follow these steps to install the PARKVISION 12V CANBUS Signal Filter:

1. **Identify Wiring:** Locate the power wires for your reversing camera. Typically, these consist of a positive (+12V) and a negative (GND) wire.
2. **Connect Positive:** Connect the positive input wire of the filter (labeled "12V DC INPUT" or "12 Volt+") to the positive power source for your reversing camera. This is usually the reverse light circuit or an ACC (Accessory) power source that activates when the vehicle is in reverse.
3. **Connect Negative:** Connect the negative input wire of the filter (labeled "GND") to a reliable ground point (GND) in your vehicle.
4. **Connect Camera:** Connect the positive output wire of the filter (labeled "12V DC OUTPUT" or "Kamera Plus+") to the positive power input of your reversing camera. Connect the negative output wire of the filter to the negative power input of your reversing camera.
5. **Secure Connections:** Ensure all connections are secure and properly insulated to prevent short circuits.
6. **Test System:** Test your reversing camera system to confirm that the flickering or noise issues have been resolved.

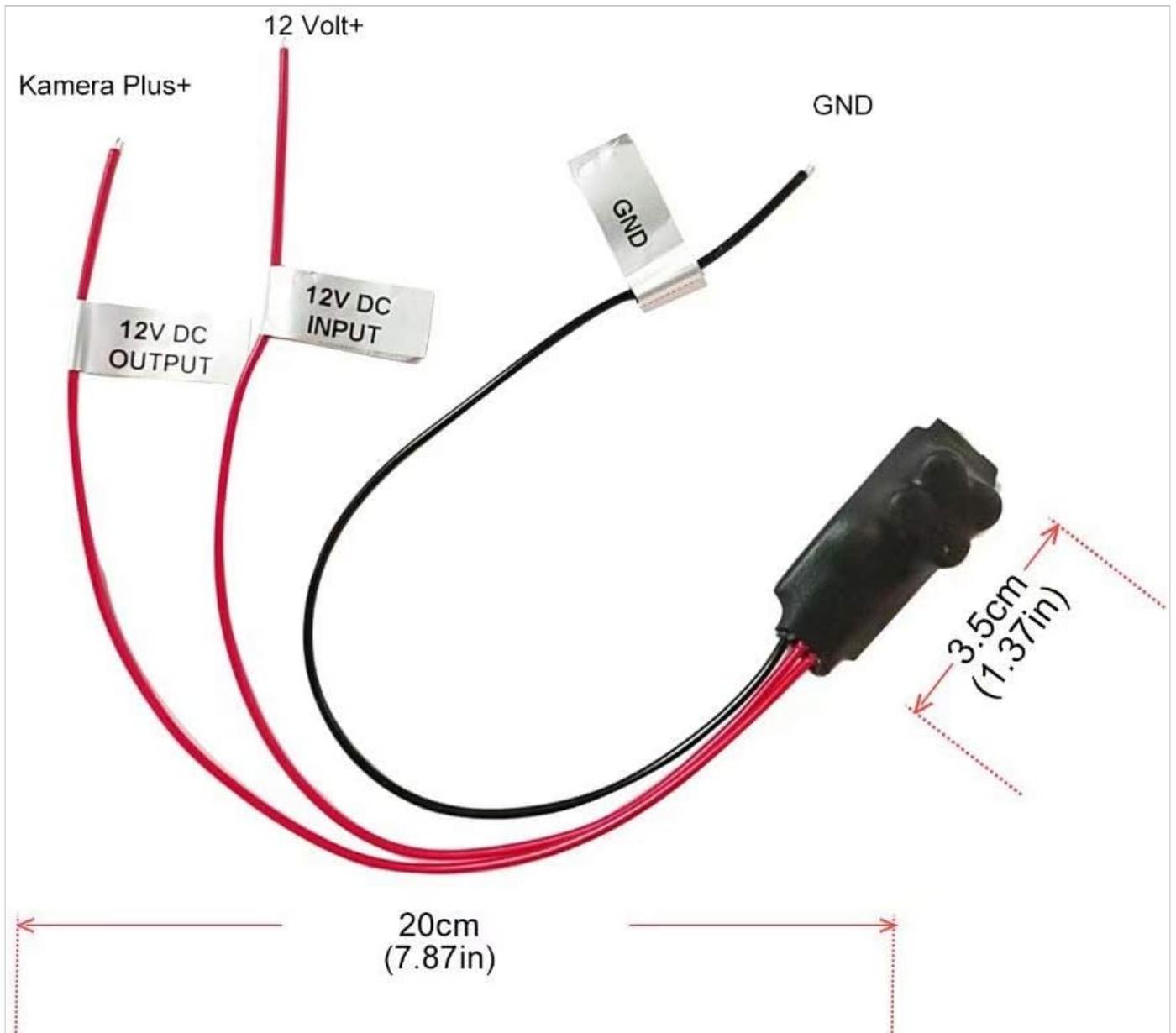


Image 1: Wiring diagram for the signal filter, showing input and output connections.

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## 5. TROUBLESHOOTING

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- **Screen Flickering or Black Screen:** If the issue persists after installation, double-check all wiring connections to ensure they are secure and correctly polarized (positive to positive, negative to negative). Verify that the power source provides a stable 12V.
- **No Image:** Ensure the camera itself is functioning correctly and receiving power. Check the video signal cable connection between the camera and the display unit.
- **Intermittent Issues:** Loose connections or inadequate grounding can cause intermittent problems. Re-check all connections and ensure a solid ground.

If you continue to experience problems, it is recommended to consult a professional automotive electrician.

## 6. MAINTENANCE

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The PARKVISION 12V CANBUS Signal Filter is designed to be maintenance-free. Ensure it is installed in a location protected from extreme temperatures and moisture to prolong its lifespan.

## 7. SUPPORT

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For any questions, technical assistance, or support regarding your PARKVISION 12V CANBUS Signal Filter, please contact PARKVISION customer service. We are here to help.

You can find contact information on the official PARKVISION website or through your retailer.

