Magimaker 710002052

Magimaker 5 Pin Winch Switch Instruction Manual

Model: 710002052

Brand: Magimaker

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Magimaker 5 Pin Winch Switch, model 710002052. This rocker switch is designed for manual operation of winches and is compatible with a wide range of Can-Am Commander, Traxter/Defender, and Maverick models. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. Safety Information

Always observe the following safety precautions to prevent injury or damage to the product and vehicle:

- Ensure the vehicle's power is disconnected before attempting any installation or maintenance.
- Verify that the replacement part number (710002052) matches the part you are replacing.
- Do not exceed the specified voltage and current ratings for the switch (12V 20A DC, 24V 10A DC).
- Consult a qualified technician if you are unsure about any installation steps.
- Keep the switch away from excessive moisture, heat, and corrosive substances.

3. Product Overview

The Magimaker 5 Pin Winch Switch is a robust rocker switch designed for reliable winch control. It features a durable Acrylonitrile Butadiene Styrene (ABS) construction and spade terminals for secure electrical connections.



Figure 3.1: Front view of the 5 Pin Winch Switch, showing the rocker mechanism and directional symbol.



Figure 3.2: Side view illustrating the five spade terminals and the specified voltage and current ratings (12V 20A DC, 24V 10A DC).



Figure 3.3: Bottom view displaying the configuration of the five spade terminals for wiring connections.

4. Setup and Installation

Follow these steps for proper installation of the winch switch:

1. **Preparation:** Disconnect the vehicle's battery to prevent electrical shorts during installation. Identify the appropriate mounting location for the switch, typically a standard rocker switch panel opening.
2. **Mounting:** Insert the switch into the designated opening. Ensure it clicks securely into place. The switch is designed for surface mounting.
3. **Wiring:** Connect the five spade terminals according to your winch and vehicle's wiring diagram. The switch operates in an ON-OFF mode with a 2-way circuit. Ensure correct polarity and secure connections to prevent loose wires.
4. **Testing:** Once wired, reconnect the vehicle's battery. Test the switch functionality to ensure the winch operates correctly in both directions (if applicable).

This switch is compatible with various Can-Am models, including but not limited to: Can-Am Traxter T HD8 (2018), Traxter T HD10 (2018-2020), Traxter T (2017-2020), Traxter MAX HD8 (2019), Traxter MAX HD10 (2018), Traxter

MAX (2017-2019), Traxter HD8 (2016-2019), Traxter HD5 (2018), Traxter HD10 (2018-2020), Maverick X3 Turbo R (2018), Maverick X3 Turbo (2018), Maverick Turbo RR (2020), Maverick Turbo (2019-2020), Maverick Sport 1000R (2019-2020), Maverick MAX Turbo RR (2020), Maverick Max 1000R, Maverick MAX (2016-2020), Maverick 1000R (2014-2015), Maverick (2014-2020), Defender T (2017), Defender PRO HD10 (2020), Defender MAX HD8 (2018-2020), Defender MAX HD10 (2017-2020), Defender Max HD10, Defender MAX (2017-2020), Defender HD8 (2017-2020), Defender HD5 (2018), Defender HD10 (2016-2020), Commander MAX 800R EFI (2018-2019), Commander MAX 1000R EFI (2018-2020), Commander Max 1000, Commander 800R EFI (2018-2020), Commander 800R (2012-2020), Commander 800 (2012-2020), Commander 1000R EFI (2018-2020), Commander 1000 (2011-2020).

5. Operating Instructions

The Magimaker 5 Pin Winch Switch is a simple ON-OFF rocker switch for manual operation.

- To activate the winch in one direction (e.g., winch in), press and hold the upper part of the rocker switch.
- To activate the winch in the opposite direction (e.g., winch out), press and hold the lower part of the rocker switch.
- Release the switch to return it to the neutral (OFF) position, stopping the winch operation.

6. Maintenance

The Magimaker 5 Pin Winch Switch requires minimal maintenance.

- Periodically inspect the switch and its connections for any signs of wear, corrosion, or loose wiring.
- Clean the surface of the switch with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- Ensure the area around the switch remains free of excessive dirt, debris, and moisture.

7. Troubleshooting

If you encounter issues with your winch switch, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Winch does not operate.	No power to the switch; loose wiring; faulty switch.	Check vehicle battery connection. Inspect all wiring connections for tightness. Verify switch functionality with a multimeter.
Winch operates in only one direction.	Incorrect wiring for one direction; internal switch fault.	Review wiring diagram and ensure correct connections for both directions. If wiring is correct, the switch may be faulty and require replacement.
Switch feels sticky or does not return to neutral.	Debris inside switch; worn internal mechanism.	Attempt to clean around the rocker. If the issue persists, the switch may be worn and require replacement.

8. Specifications

- **Model Number:** 710002052
- **Operation Mode:** ON-OFF
- **Contact Type:** Normally Open
- **Connector Type:** Spade

- **Switch Type:** Push Button (Rocker)
- **Terminal Type:** Spade
- **Material:** Acrylonitrile Butadiene Styrene (ABS)
- **Circuit Type:** 2-way
- **Mounting Type:** Surface Mount
- **Product Dimensions (L x W x H):**6.5 x 5 x 3 cm (approximately 2.56 x 1.97 x 1.18 inches)
- **Weight:** 41 g (approximately 1.45 oz)

9. Warranty and Support

This product comes with a warranty. For specific warranty terms and conditions, please refer to the purchase documentation or contact the seller directly. If you have any questions or require assistance with your Magimaker 5 Pin Winch Switch, please feel free to contact the seller for support. They are committed to ensuring your satisfaction.

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