

FRYMASTER 826-2038

Frymaster 826-2038 50 Amp Relay Conversion Service Kit User Manual

Model: 826-2038

1. INTRODUCTION

This manual provides essential information for the proper handling, installation, and maintenance of the Frymaster 826-2038 50 Amp Relay Conversion Service Kit. This kit is a genuine OEM replacement part designed to ensure the continued safe and efficient operation of compatible Frymaster commercial fryers. Please read this manual thoroughly before attempting any installation or service.

2. SAFETY INFORMATION

WARNING: Risk of Electric Shock and Injury.

- Always disconnect power to the fryer before installing, servicing, or inspecting this component.
- Installation and service should only be performed by qualified and authorized service personnel.
- Failure to follow these instructions can result in serious injury, death, or damage to equipment.
- Ensure all local and national electrical codes are followed during installation.
- Use only genuine Frymaster replacement parts to maintain safety and performance.

3. SETUP AND INSTALLATION

The Frymaster 826-2038 50 Amp Relay Conversion Service Kit is an electrical component requiring careful installation. Due to the technical nature of this part and its integration into complex commercial equipment, professional installation is strongly recommended.

3.1 Pre-Installation Steps

1. **Disconnect Power:** Ensure the fryer is completely disconnected from its power source. Verify with a voltage meter.

2. **Access Panel:** Locate and remove the necessary access panels on the fryer to expose the existing relay and wiring.
3. **Documentation:** Refer to the specific service manual for your Frymaster fryer model for detailed wiring diagrams and component locations.

3.2 Installation Procedure

The installation process typically involves replacing an existing relay. The new relay is designed for DIN Rail Mount installation.

- Carefully disconnect the wiring from the old relay, noting the position of each wire. It is advisable to label wires if necessary.
- Remove the old relay from its mounting.
- Mount the new Frymaster 826-2038 relay onto the DIN rail.
- Connect the wires to the new relay's screw terminals according to the fryer's wiring diagram. Ensure all connections are secure.
- Replace all access panels.
- Reconnect power to the fryer and test for proper operation.

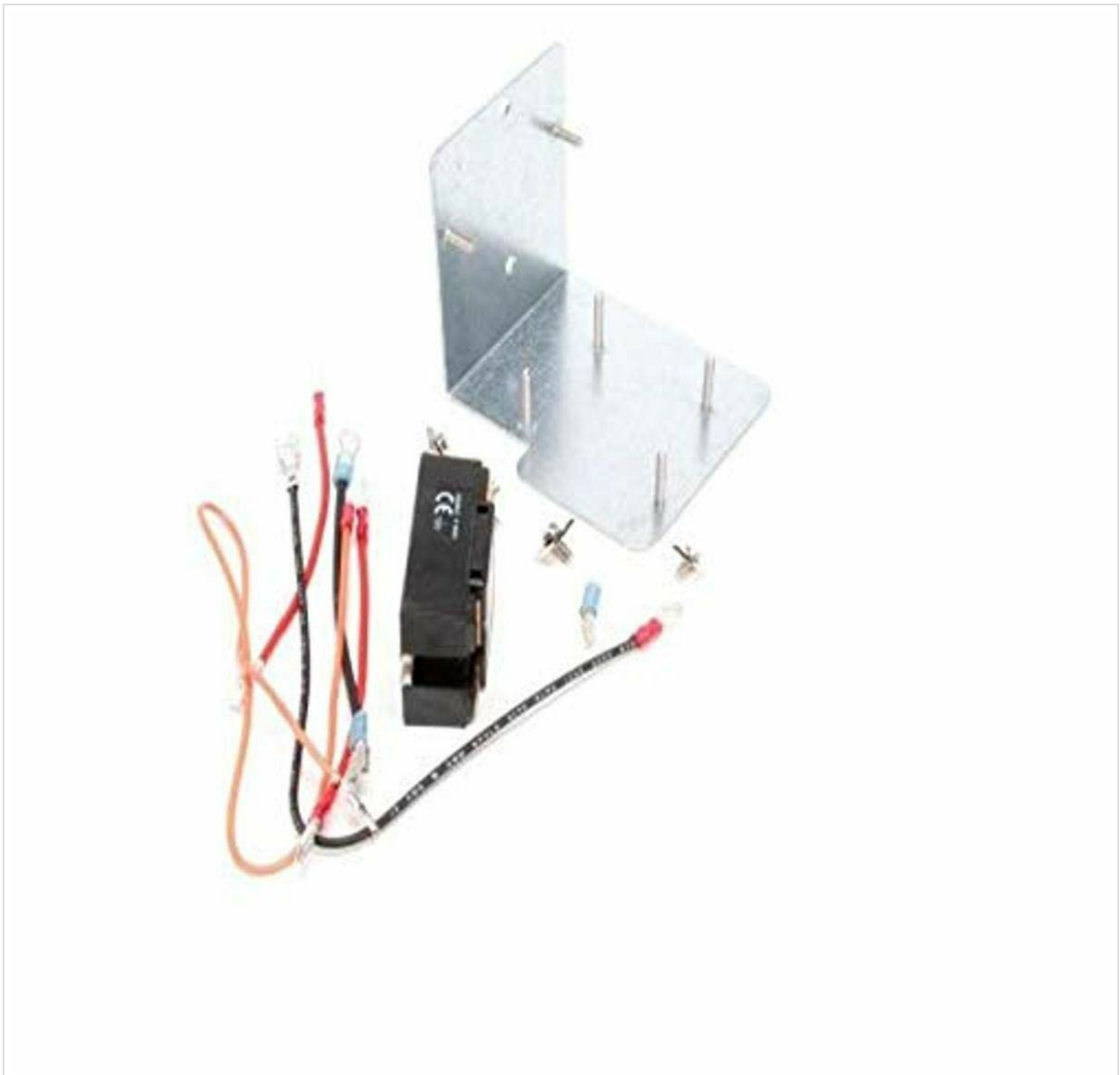


Figure 1: Frymaster 826-2038 50 Amp Relay Conversion Service Kit. This image displays the electrical relay component, which is crucial for controlling power within commercial fryer systems.

4. OPERATING INSTRUCTIONS

The 826-2038 50 Amp Relay is an internal component of a Frymaster commercial fryer and operates automatically. It functions to control the flow of electrical power to the fryer's heating elements or other high-current components based on signals from the fryer's control system.

Once correctly installed, no direct user operation of the relay is required. The fryer's normal operating procedures should be followed as outlined in the fryer's primary user manual.

5. MAINTENANCE

The Frymaster 826-2038 relay is a sealed electrical component and does not require routine user maintenance. Its lifespan is dependent on operating conditions and usage.

- **Periodic Inspection:** During routine fryer maintenance, qualified service personnel should visually inspect the relay and its connections for any signs of wear, corrosion, or overheating.
- **Cleaning:** Keep the area around the relay free from dust, grease, and debris to ensure proper heat dissipation and prevent electrical issues.
- **Replacement:** If the relay shows signs of failure or damage, it must be replaced by a qualified technician using a genuine Frymaster 826-2038 replacement part.

6. TROUBLESHOOTING

If your Frymaster commercial fryer is experiencing issues related to power control or heating, a faulty relay could be a contributing factor. However, troubleshooting electrical components should only be performed by qualified service personnel.

6.1 Common Symptoms of a Faulty Relay

- Fryer not heating or heating inconsistently.
- Heating elements not turning on or off as expected.
- Audible clicking sounds from the relay area without corresponding action.
- Visible signs of damage, burning, or discoloration on the relay or its terminals.

6.2 Recommended Action

If you suspect a relay issue:

1. **Disconnect Power:** Immediately disconnect the fryer from its power source.
2. **Contact Service:** Contact a qualified Frymaster service technician or authorized service center for diagnosis and repair. Do not attempt to repair the relay yourself.

7. SPECIFICATIONS

Specification	Detail
Part Number	826-2038

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Item Model Number	826-2038
Brand	FRYMASTER
Manufacturer	Partstown LLC
Product Dimensions	15.24 x 15.24 x 15.24 cm
Item Weight	408 g
Item Package Quantity	1
Mounting Type	DIN Rail Mount
Connector Type	Screw
Operation Mode	Automatic
Batteries Required?	No
UPC	046844102463

8. WARRANTY AND SUPPORT

For warranty information regarding the Frymaster 826-2038 50 Amp Relay Conversion Service Kit, please refer to the documentation provided with your original Frymaster equipment or contact your authorized Frymaster dealer or service provider.

For technical support or to locate an authorized service center, please visit the official Frymaster website or contact their customer service department. Always provide the model number (826-2038) and the serial number of your Frymaster fryer when seeking support.