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## Mont Alpi MANGK

# Mont Alpi MANGK Liquid Propane to Natural Gas Grill Conversion Kit

Instruction Manual

## 1. INTRODUCTION

This manual provides detailed instructions for the safe and proper installation, operation, and maintenance of your Mont Alpi MANGK Liquid Propane to Natural Gas Grill Conversion Kit. This kit is designed to convert Mont Alpi outdoor kitchen island grills (MAi805, MAi400, MABi805, MABi400, MA-957) and MAPZ Pizza Ovens from liquid propane (LP) to natural gas (NG) fuel sources.

Please read this manual thoroughly before beginning the conversion process and retain it for future reference. Proper installation and adherence to safety guidelines are crucial for optimal performance and user safety.

## 2. IMPORTANT SAFETY INFORMATION

**WARNING:** Failure to follow these instructions could result in fire, explosion, or carbon monoxide poisoning, which could cause property damage, personal injury, or death.

- **Professional Installation Recommended:** Gas appliance conversion should ideally be performed by a qualified gas technician. If you are not comfortable performing this conversion, please consult a professional.
- **Gas Leaks:** Always check for gas leaks after installation using a soap and water solution. Never use an open flame to check for leaks.
- **Ventilation:** Ensure adequate ventilation when working with gas appliances.
- **Shut Off Gas:** Always ensure the main gas supply is turned off before beginning any installation or maintenance.
- **Read All Instructions:** Familiarize yourself with all steps before proceeding.
- **Keep Away from Children:** Keep all components and tools out of reach of children.

## 3. PACKAGE CONTENTS

Verify that all components listed below are present and undamaged before beginning installation.

- 10-foot Natural Gas Hose
- Natural Gas Regulator

- Conversion Tool (Screwdriver)
- Brass Fittings (2)



Image 1: Contents of the Mont Alpi MANGK Liquid Propane to Natural Gas Grill Conversion Kit, including the 10-foot natural gas hose, natural gas regulator, two brass fittings, and a conversion screwdriver.

## 4. SETUP AND INSTALLATION

This section outlines the steps to convert your Mont Alpi grill or pizza oven from liquid propane to natural gas. Mont Alpi grills are designed with both propane and natural gas orifices in each burner, simplifying the conversion process.



Image 2: The Mont Alpi NG Gas Regulator Kit packaging box, labeled with 'Mont Alpi NG Gas Regulator Kit'.

#### 4.1 Pre-Installation Checklist

- Ensure the main gas supply to your home is turned off.
- Confirm you have all kit components.
- Have a soap and water solution ready for leak testing.

#### 4.2 Conversion Steps

1. **Disconnect LP Supply:** Carefully disconnect the existing liquid propane tank and hose from your grill.

- Access Burner Orifices:** Remove the grill grates and burner covers to access the burner orifices.
- Remove LP Orifices:** Using the provided conversion tool (screwdriver), carefully remove the liquid propane orifices from each burner. Mont Alpi grills are designed with both LP and NG orifices; ensure you only remove the LP ones. The natural gas orifices should remain in place.
- Install Natural Gas Regulator:** Connect the natural gas regulator to the grill's gas inlet. Ensure a tight, secure connection.
- Connect 10-Foot Hose:** Attach one end of the 10-foot natural gas hose to the regulator and the other end to your home's natural gas supply line. Use the brass fittings as needed to ensure a proper connection.
- Secure Connections:** Ensure all connections are tight and secure. Do not overtighten.
- Leak Test:** Turn on the main natural gas supply. Apply a soap and water solution to all new connections. If bubbles appear, there is a leak. Tighten the connection and re-test until no bubbles are present. If a leak persists, turn off the gas supply immediately and contact a qualified technician.
- Reassemble Grill:** Once all connections are secure and leak-free, replace the burner covers and grill grates.

For a visual guide, Mont Alpi provides an instructional video. You can search for "Mont Alpi conversion" on [YouTube](#) to find the official video on how to convert your Mont Alpi grill from liquid propane to natural gas.

## 5. OPERATING YOUR GRILL AFTER CONVERSION

After successful conversion to natural gas, operating your Mont Alpi grill remains similar to its LP operation, with a few key differences.

- Gas Supply:** Ensure the natural gas supply valve is fully open before attempting to light the grill.
- Lighting:** Follow your grill's standard lighting procedures. Turn a burner control knob to the 'HIGH' position and press the igniter button. If the burner does not light within 5 seconds, turn the knob off, wait 5 minutes for gas to dissipate, and try again.
- Flame Appearance:** Natural gas flames typically burn with a clean, blue color. Yellow or orange flames may indicate an issue with gas flow or burner adjustment.
- Consistent Cooking:** The included regulator maintains consistent pressure for reliable cooking performance.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your natural gas conversion kit and grill.

- Hose Inspection:** Periodically inspect the 10-foot natural gas hose for any signs of wear, cuts, cracks, or damage. Replace immediately if damage is found.
- Connection Checks:** Annually, or if you suspect a problem, perform a leak test on all gas connections using a soap and water solution.
- Regulator:** The natural gas regulator is designed for long-term use and typically requires no maintenance. However, ensure it remains free from physical damage or obstructions.
- Cleaning:** Keep the exterior of the hose and regulator clean from debris.

## 7. TROUBLESHOOTING

If you encounter issues after converting your grill, refer to the following table for common problems and solutions.

Problem	Possible Cause	Solution
No gas flow to burners	Main gas supply valve closed; kinked hose; regulator issue; loose connection.	Ensure gas valve is open; check hose for kinks; inspect regulator for damage; check all connections for tightness and leaks.
Low flame or inconsistent heat	Partial obstruction in hose or regulator; incorrect orifice installation; low gas pressure.	Check hose and regulator for obstructions; verify LP orifices were removed and NG orifices are clear; ensure adequate gas supply pressure.
Gas odor detected	Gas leak.	<b>Immediately turn off main gas supply.</b> Perform a leak test with soap and water. If leak persists or cannot be located, evacuate the area and contact emergency services or a qualified gas technician.

## 8. PRODUCT SPECIFICATIONS

- Model Number:** MANGK
- Hose Length:** 10 feet (120 inches)
- Product Dimensions:** 120 x 0.5 x 0.5 inches (Hose)
- Item Weight:** 4.62 pounds
- Manufacturer:** Mont Alpi
- Compatibility:** Mont Alpi MAi805, MAi400, MABi805, MABi400, MA-957 Grills and MAPZ Pizza Ovens.

## 9. WARRANTY AND SUPPORT

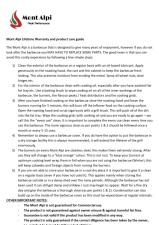
Mont Alpi products are manufactured to high-quality standards. For specific warranty information regarding your MANGK conversion kit, please refer to the documentation included with your original Mont Alpi grill or contact Mont Alpi customer support directly.

For technical assistance, troubleshooting beyond this manual, or to inquire about replacement parts, please visit the official Mont Alpi website or contact their customer service department.

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### Related Documents - MANGK

	<p><a href="#"><u>Mont Alpi Outdoor Kitchens and Grills - Peak Performance &amp; Luxury</u></a></p> <p>Explore the comprehensive range of Mont Alpi outdoor kitchen islands, grills, specialty modules, and accessories. Discover deluxe, original, black stainless steel, and art-wood grill series, along with compact islands, built-in grills, beverage centers, refrigeration modules, pizza ovens, and bar carts designed for peak performance and effortless outdoor cooking.</p>
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 <p><b>Mai805 Island</b> Instruction Manual and Installation Instructions</p>	<p><b>Mont Alpi Mai805 Island: Instruction Manual and Installation Guide</b></p> <p>Comprehensive instruction and installation manual for the Mont Alpi Mai805 Island grill. Covers safety, assembly, operation, maintenance, troubleshooting, and LPG to NG conversion.</p>
 <p><b>MAI805 Island</b> Instruction Manual and Installation Instructions</p>	<p><b>Mont Alpi MAI805 Island Grill: Instruction and Installation Manual</b></p> <p>This comprehensive manual provides detailed instructions for the Mont Alpi MAI805 Island Grill. It covers essential safety precautions, step-by-step assembly and installation, operating procedures, gas consumption details, maintenance guidelines, and troubleshooting tips for both Liquid Propane (LP) and Natural Gas (NG) configurations.</p>
 <p><b>MA-957</b> Instruction Manual and Installation Instructions</p>	<p><b>Mont Alpi MA-957 Grill Island: Instruction Manual and Installation Guide</b></p> <p>Comprehensive instruction and installation manual for the Mont Alpi MA-957 Grill Island, covering safety warnings, assembly, operation, maintenance, and troubleshooting.</p>
 <p><b>Mont Alpi Grills Modular Island Cover Installation Guide</b></p>	<p><b>Mont Alpi Modular Island Cover Installation Guide</b></p> <p>A step-by-step guide for installing protective covers on Mont Alpi modular outdoor kitchen islands, detailing how to unbox, identify, and attach various cover pieces including the main grill, cabinet, end cap, beverage center, and corner covers.</p>
 <p><b>Mont Alpi Barbecue Lifetime Warranty and Product Care Guide</b></p>	<p><b>Mont Alpi Barbecue Lifetime Warranty and Product Care Guide</b></p> <p>Detailed guide for Mont Alpi barbecue owners covering lifetime warranty terms, essential product care, maintenance instructions, and troubleshooting tips for optimal performance and longevity.</p>