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› cakuuma Magnetic Smoke Detector Installation Tool User Manual

cakuuma Magnet-1

cakuuma Magnetic Smoke Detector Installation Tool User Manual

Model: Magnet-1

1. INTRODUCTION

The cakuuma Magnetic Smoke Detector Installation Tool (Model Magnet-1) offers a convenient and drill-free solution for mounting smoke detectors and similar devices to ceilings. This kit utilizes strong magnets and 3M adhesive to provide a secure attachment without the need for tools, drilling, or causing damage to your ceiling. It is designed for quick installation, typically within 10 seconds per device.



Image 1.1: Side view of the magnetic mounting plate.

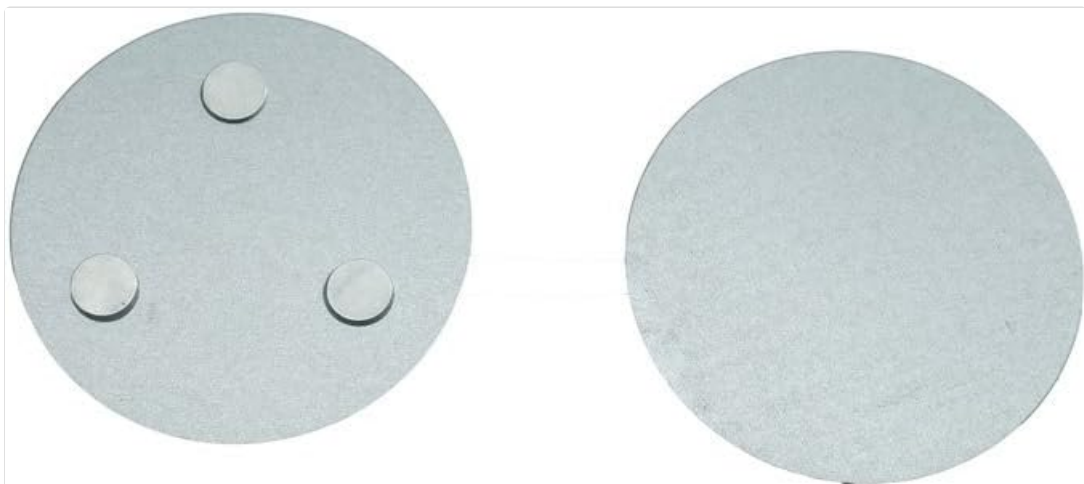


Image 1.2: Top and bottom views of the magnetic mounting plates.

2. SAFETY INFORMATION AND IMPORTANT CONSIDERATIONS

- This magnetic installation tool is designed exclusively for **ceiling mount applications**. Do not use it for wall mounting.
- Ensure the device being mounted does not exceed **1.78 lb (0.8 kg)** in weight. Exceeding this limit may result in the device falling.
- The tool is suitable for smoke detectors and similar devices with a diameter of **no less than 80mm**. It is not compatible with hardwire smoke alarms.
- The installation area must be **thoroughly cleaned and completely dry** prior to installation. The 3M adhesive will not bond effectively to dirt, dust, grease, or moisture.
- Apply firm and consistent pressure for 10-15 seconds during initial adhesion to ensure a strong bond between the 3M adhesive and the ceiling surface.

3. PACKAGE CONTENTS

Verify that all components are present in your package:

- Magnetic Mounting Plates (Quantity: 5)



4. SETUP AND INSTALLATION

Follow these steps for quick and secure installation:

1. **Prepare the Surface:** Select the desired location on your ceiling. Ensure the area is clean, dry, and free from dust, grease, or loose paint. Use an alcohol wipe if necessary, and allow the surface to dry completely.
2. **Prepare the Magnetic Plate:** Carefully peel off the protective film from the 3M adhesive backing on one side of the magnetic plate.



Image 4.1: Peeling the protective film from the adhesive.

3. **Attach to Ceiling:** Press the adhesive side of the magnetic plate firmly against the prepared ceiling surface. Apply consistent pressure for at least 10-15 seconds to ensure maximum adhesion.
4. **Prepare the Device:** If your smoke detector or device does not have a metallic base, peel off the protective film from the 3M adhesive backing on the *other* side of the magnetic plate (the side with the magnets). Attach this side to the back of your smoke detector.
5. **Mount the Device:** Align your smoke detector (or other compatible device) with the magnetic plate already secured to the ceiling. The magnets will attract, holding the device in place. Ensure it is centered and securely attached.

How to use

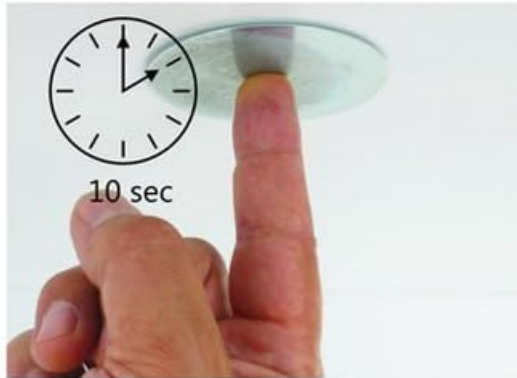
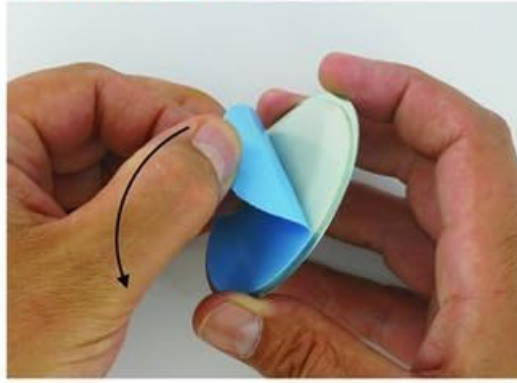


Image 4.2: Step-by-step installation guide.



Image 4.3: Smoke detector securely mounted to the ceiling using the magnetic plate.

5. OPERATING INSTRUCTIONS

Once installed, the magnetic mounting plate requires no further operation. The primary function is to provide a secure, non-permanent attachment point for your smoke detector. This allows for easy removal of the detector for battery changes, cleaning, or maintenance without damaging the ceiling.

6. MAINTENANCE

- **Adhesion Check:** Periodically inspect the magnetic plate on the ceiling to ensure it remains firmly adhered. If any signs of loosening are observed, carefully remove the plate, clean the surface, and reapply with a new adhesive if

necessary.

- **Device Security:** Ensure the smoke detector or device remains securely attached to the magnetic plate. Gently test its hold occasionally.
- **Cleaning:** If the magnetic plate or the device needs cleaning, gently wipe with a dry or slightly damp cloth. Avoid harsh chemicals.

7. TROUBLESHOOTING

Problem: Magnetic plate falls off the ceiling.

Solution:

- Ensure the ceiling surface was thoroughly cleaned and completely dry before installation. The 3M adhesive will not stick to dirt, dust, or moisture.
- Apply firm and consistent pressure for the recommended 10-15 seconds during initial adhesion to ensure a strong bond.
- Verify that the weight of the attached device does not exceed the maximum capacity of 1.78 lb (0.8 kg).

Problem: Smoke detector does not attach securely to the magnetic plate.

Solution:

- Confirm that your smoke detector has a metallic surface or compatible magnetic material on its base for the magnets to adhere to.
- Ensure the smoke detector's diameter is at least 80mm to provide sufficient surface area for attachment.

8. SPECIFICATIONS

- **Model Number:** Magnet-1
- **UPC:** 762360095033
- **Diameter:** 70mm
- **Materials:** Double-face 3M Glue, Thick metal, three magnets
- **Maximum Vertical Weight Capacity:** 1.78 lb (0.8 kg)
- **Application:** Ceiling mount for smoke sensors, fire alarms, CO alarms, gas alarms, water alarms, combo alarms, and some cameras.
- **Compatibility Note:** Suitable for devices with a diameter of no less than 80mm. Not for hardwire smoke alarms.

9. WARRANTY INFORMATION

Specific warranty details for the cakuuma Magnetic Smoke Detector Installation Tool are not provided in this manual. Please refer to the retailer where you purchased the product or visit the official cakuuma website for the most current warranty information and terms.

10. SUPPORT

For technical assistance, product inquiries, or customer service, please contact cakuuma customer support. You can typically find contact information through the platform where you made your purchase or by visiting the manufacturer's official website.