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› MOTOCOCHÉ 110V 1800W Spot Welder Dent Puller User Manual

MOTOCOCHÉ MMT600-PRO-110V

MOTOCOCHÉ 110V 1800W Spot Welder Dent Puller User Manual

Model: MMT600-PRO-110V

1. INTRODUCTION

Thank you for choosing the MOTOCOCHÉ 110V 1800W Spot Welder Dent Puller. This device is designed for efficient and precise dent repair on various vehicles, including cars, trucks, and motorcycles. It features both automatic and manual welding modes, six specialized welding functions, and an integrated overheat protection system for safe operation. This manual provides essential information for the proper setup, operation, and maintenance of your dent puller.

2. SAFETY INFORMATION

Please read all safety warnings and instructions carefully before using this product. Failure to follow these instructions may result in electric shock, fire, serious injury, or property damage.

- **Electrical Safety:** Ensure the power supply matches the device's voltage (110V). Do not operate in wet conditions. Always use a grounded outlet.
- **Personal Protective Equipment (PPE):** Always wear appropriate welding gloves, eye protection (welding helmet or safety glasses), and protective clothing to prevent burns and eye damage.
- **Ventilation:** Use the device in a well-ventilated area to avoid inhaling welding fumes.
- **Fire Hazard:** Keep flammable materials away from the welding area. Have a fire extinguisher readily available.
- **Hot Surfaces:** The welding gun and workpieces will become extremely hot during operation. Allow them to cool before handling.
- **Maintenance:** Disconnect power before performing any maintenance or changing accessories.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

110V SPOT PULLER WELDER STUD WELDER ACCESSORIES

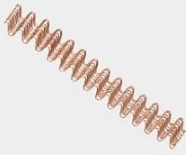
					
1* Connector	1* Draw hook	20 * OT gasket	1 Six-claw hook	2 * Carbon rods	10 * Wave line kit
					
20 * Round washer	1 * Round gasket chuck	1 * Carbon rod connector	10 * Triangle straight pull sheet		
					
1 * Welding gun	1 * Hook hammer	1 * Manual sucker	1 * Dual-purpose meson head		
					
1 * Spanner for wrench	1*Welding Gun Joint		1*Ground Link	150cm/59inch	
					
1 * Accessory box	1*110V Power Plug	150cm/59inch		140cm/55.11inch	

Image: All accessories included with the MOTOCOCHÉ Spot Welder Dent Puller.

- 1x Main Unit (Spot Welder)
- 1x Welding Extractor Gun
- 1x Dent Extractor (Slide Hammer)
- 1x Manual Suction Cup
- 1x Dual-Purpose Meson Head
- 1x Six-Jaw Hook
- 1x Wrench
- 1x Circular Chuck Holder
- 1x Tie Hook
- 1x Carbon Rod Connector
- 2x Carbon Rods
- 10x Triangular Extraction Tabs

- 10x Wavy Wires
- 20x Circular Washers
- 20x OT Spacers
- 1x User Manual
- 1x Portable Tool Box

4. PRODUCT OVERVIEW

The MOTOCOCHE Spot Welder Dent Puller is a robust tool designed for professional and DIY automotive body repair. Its compact design and comprehensive accessory kit make it versatile for various dent types.



Image: The MOTOCOCHE Spot Welder Dent Puller main unit with its various accessories laid out.

2 WELDING GUNS FOR YOU TO SWITCH AT WILL

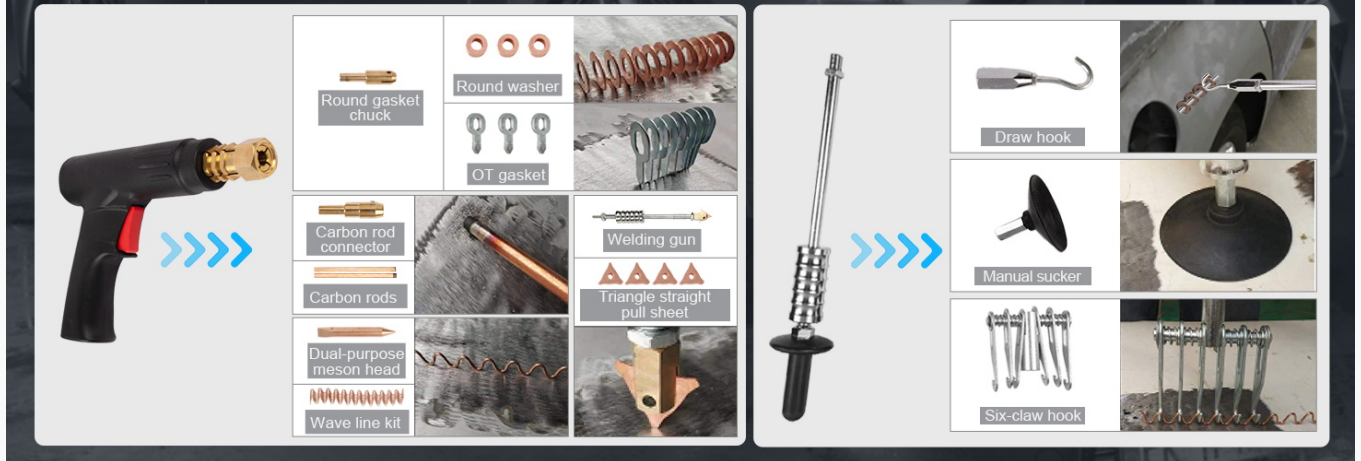


Image: Illustration of the two welding guns and their respective attachments for different repair tasks.

5. SETUP

5.1 Connecting the Welding Gun and Accessories

The dent puller comes with various attachments for different welding and pulling tasks. Ensure the power is off before connecting any accessories.

1. **Attach the desired accessory:** Select the appropriate accessory (e.g., triangular extraction tab, wavy wire, carbon rod) for your repair task.
2. **Insert into the welding gun:** Securely insert the accessory into the chuck of the welding gun. For the dent extractor (slide hammer), attach the appropriate head (e.g., hook, suction cup) to the threaded end.
3. **Tighten connections:** Use the provided wrench to ensure all connections are tight and secure to prevent arcing or loose contact during operation.

Your browser does not support the video tag.

Video: Demonstrates the assembly of various accessories, including the dent extractor and welding gun attachments.

5.2 Power Connection

Connect the main unit to a standard 110V power outlet. Ensure the power switch on the unit is in the OFF position before plugging it in.

6. OPERATING INSTRUCTIONS

6.1 Control Panel Overview

The control panel allows you to select welding modes and adjust power settings.

6 WELDING MODES AND MANUAL/AUTOMATIC MODE

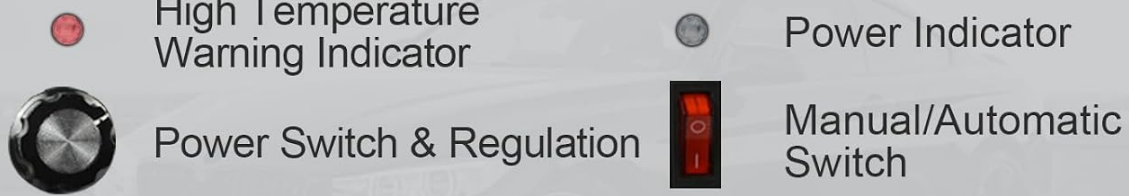


Image: The control panel displaying the six welding modes and indicators.

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Video: A brief demonstration of adjusting settings on the control panel, including mode selection and power adjustment.

- **Power Indicator:** Illuminates when the unit is powered on.
- **High Temperature Warning Indicator:** Illuminates if the unit overheats. The system activates at 203°F (95°C) to prevent damage.
- **Power Switch & Regulation Knob:** Used to turn the unit on/off and adjust welding power.
- **Manual/Automatic Switch:** Toggles between manual and automatic welding modes.

6.2 Welding Modes

The device offers 6 distinct welding modes to handle various dent repair scenarios:

1. **Triangular Meson Pull:** Ideal for pulling out specific dent shapes using triangular tabs.
2. **Round Meson Pull:** Used with round washers for general dent pulling.

3. **OT Meson Pull:** Utilizes OT spacers for specific pulling applications.
4. **Wave Line Welding:** For welding wavy wires to larger dented areas for broader pulling force.
5. **Carbon Rod To Close The Fire:** Used for shrinking stretched metal by heating with a carbon rod.
6. **Single-sided Spot Welding:** For precise, localized spot welding.

6.3 Operating Procedure

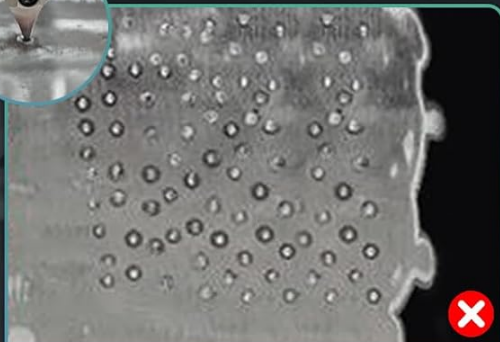
1. **Prepare the surface:** Clean the dented area thoroughly, removing any paint, rust, or contaminants.
2. **Select mode and power:** Turn on the unit. Use the mode selector and power regulation knob to choose the appropriate welding mode and power level for your task.
3. **Choose welding method:** Select either **AUTO** for consistent, single-pulse spot welding or **MANUAL** for continuous spot welding (sheet metal shrinkage).
4. **Perform welding:** Press the welding gun firmly against the workpiece. Press the trigger to initiate welding.
5. **Pull the dent:** Use the dent extractor (slide hammer) with the appropriate attachment to pull the welded tab or wire, gradually removing the dent.
6. **Repeat as necessary:** Continue the process until the dent is sufficiently repaired.

SMALLER WELDING JOINTS LESS SECONDARY DAMAGE TO THE CAR BODY

Before using the repair

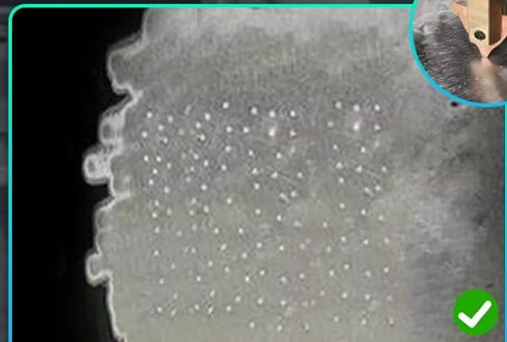


After restoration



Other sheet metal repair products

VS



Triangular Spot Welding

Image: Comparison showing a dented car panel before and after restoration using triangular spot welding.

7. MAINTENANCE

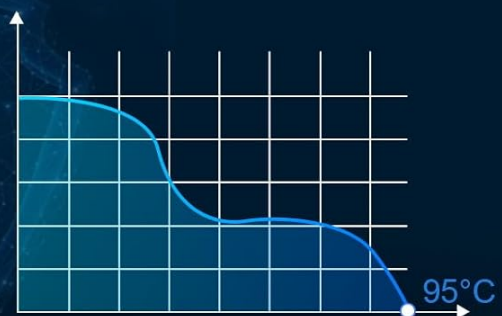
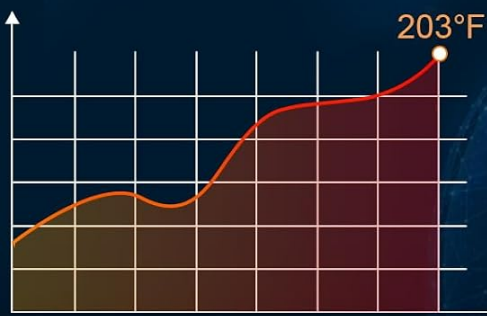
Regular maintenance ensures the longevity and optimal performance of your MOTOCOCHÉ Spot Welder Dent Puller.

- **Cleaning:** After each use, clean the welding gun and accessories to remove any welding spatter or residue. Use a dry cloth.
- **Storage:** Store the unit and all accessories in the provided portable tool box in a dry, clean environment away from direct sunlight and moisture.
- **Cable Inspection:** Periodically inspect all cables and connections for signs of wear, cuts, or damage. Replace damaged components immediately.
- **Cooling System:** Ensure the side vents for heat dissipation are clear of obstructions to maintain proper airflow and prevent overheating.

COOLING SYSTEM



Side vents are designed to dissipate heat faster



The overheat protection system will activate at 203°F/95°C to avoid potential short circuits and machine burnout.

Image: Diagram illustrating the side vents for fast heat dissipation and the overheat protection system activation temperature.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No power	Power cord not connected; outlet fault; unit switch off	Check power cord connection; test outlet; turn unit switch ON
Weak welding	Low power setting; poor contact; dirty workpiece	Increase power setting; ensure firm contact; clean workpiece surface
Overheat warning	Continuous use; blocked vents	Allow unit to cool down; clear any obstructions from vents

Problem	Possible Cause	Solution
Accessory not holding	Loose chuck; incorrect accessory	Tighten chuck securely; ensure correct accessory for the task

If the problem persists after attempting these solutions, please contact MOTOCOCHE customer support.

9. SPECIFICATIONS

Detailed technical specifications for the MOTOCOCHE Spot Welder Dent Puller.

Feature	Specification
Manufacturer	MOTOCOCHE
Brand	MOTOCOCHE
Model	Dent Puller Machine
Product Model Number	MMT600-PRO-110V
Input Voltage	110V
Input Power	1800W
Product Weight	20.1 kg (44.3 lbs)
Package Dimensions	49.28 x 33.02 x 28.7 cm (19.4 x 13 x 11.3 inches)
Material	Metal
Assembly Required	No
ASIN	B0C5H54NJQ
First Available Date	July 17, 2023

10. WARRANTY AND SUPPORT

MOTOCOCHE is committed to providing high-quality products and customer satisfaction. For warranty information, technical support, or to inquire about replacement parts, please refer to the contact details provided in your product packaging or visit the official MOTOCOCHE website.

Online Resources:

- MOTOCOCHE Brand Store: [Visit Store](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question