

[Manuals.plus](#) /

> [Toolwiz](#) /

> Toolwiz Spark Plug Gap Tool Instruction Manual for 12mm 14mm Thread Spark Plugs

Toolwiz TO-THT0007

Toolwiz Spark Plug Gap Tool Instruction Manual

Model: TO-THT0007

PRODUCT OVERVIEW

The Toolwiz Spark Plug Gap Tool is a high-precision adjustment kit designed for gapping 12mm and 14mm threaded spark plugs. This tool ensures proper ignition by allowing precise adjustment of the spark plug gap, which is crucial for optimal engine performance and efficiency. It is constructed from high-quality aluminum alloy for durability and features a simple, effective design.



Image: The Toolwiz Spark Plug Gap Tool set, featuring a blue tool for 12mm spark plugs and a black tool for 14mm spark plugs.

KEY FEATURES

- **Wide Application:** Designed for all 12mm and 14mm threaded spark plugs. (Note: Not compatible with shorter reach spark plugs or recommended for lawn equipment spark plugs.)
- **Perfect Performance:** Allows precise adjustment of spark plug gap to improve vehicle performance and efficiency.
- **Simple Operation:** Easy to adjust by screwing the knob, reducing the risk of electrode damage compared to traditional methods.
- **Reliable Material:** Made of high-quality Aluminum Alloy with a Matte Anodized coating for corrosion resistance, wear resistance, and long-term durability.
- **High Precision:** Engineered for accurate gapping, ensuring optimal spark plug and engine performance.

12MM & 14MM Spark Plug Gap Tool



High Precision



High Flexibility



High Hardness

Image: Visual representation of the tools highlighting their high precision, flexibility, and hardness.

PACKAGE CONTENTS

Your Toolwiz Spark Plug Gap Tool package includes:

- 1 x Mini Spark Plug Gap Tool (Blue, for 12mm spark plugs)
- 1 x Mini Spark Plug Gap Tool (Black, for 14mm spark plugs)

OPERATING INSTRUCTIONS

Follow these steps to precisely adjust your spark plug gap:

1. Step 1: Screw Spark Plug into Gapping Tool.

Screw the spark plug into the gapping tool from the bottom. Ensure it is securely threaded.

Easy Use Spark Plug Gap Tool



Step 1

Screw the spark plug into the gapper tool from bottom



Step 2

Use feeler gauge in desired size for gap adjustment



Step 3

Rotate the knob to compress the spark plug gap to desired gap



Image: A hand screwing a spark plug into the black Toolwiz gapping tool.

2. Step 2: Use Feeler Gauge for Measurement.

Use your desired size feeler gauge to measure the current gap thickness. This will help you determine how much adjustment is needed.

Easy & Quick Replace Spark Plugs



✓ 12mm/ 14mm Thread Available

✓ Do No Harm to Car Spark Plugs

Image: Demonstrates using a feeler gauge to check the spark plug gap while it's in the tool.

3. Step 3: Adjust Gap Thickness.

Tighten the knob on the gapping tool until the side electrode compresses to the desired gap thickness, as confirmed by your feeler gauge.

Precise Control of Spark Plug Gap

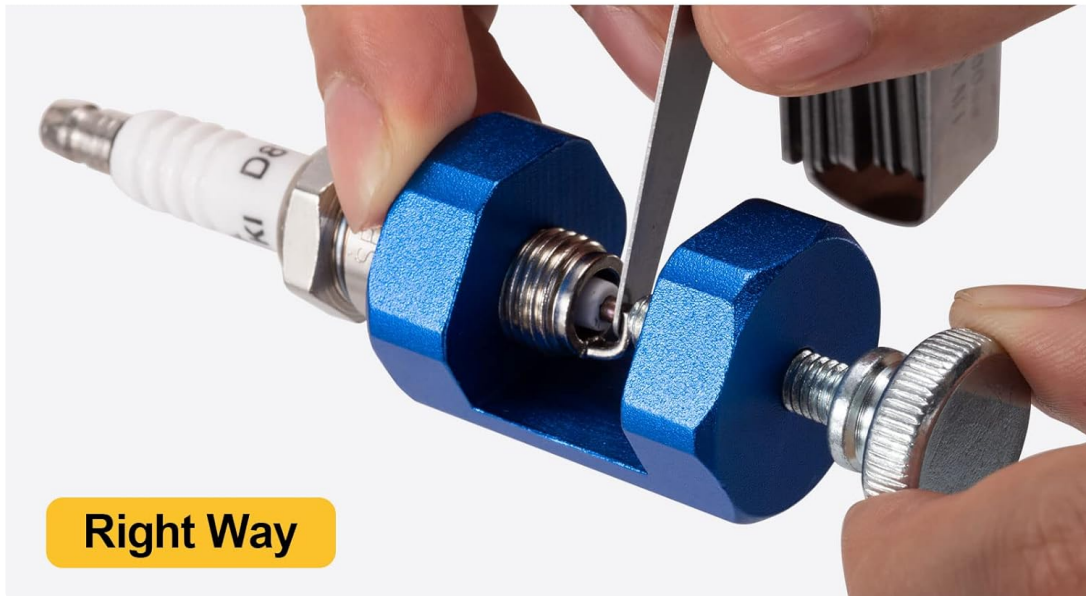


Image: Illustrates the correct method of gapping using the Toolwiz tool, contrasting it with an incorrect method using a hammer.

4. Step 4: Remove Spark Plug.

Unscrew the knob to loosen the spark plug and carefully remove it from the gapping tool. Your spark plug gapping adjustment is now complete.

Important Note:

For more precise gapping, it is recommended to use a feeler gauge that is 0.001-inch smaller than your target gap. This accounts for any slight spring-back of the electrode after adjustment, ensuring a higher precise final gap.

COMPATIBILITY AND DIMENSIONS

The Toolwiz Spark Plug Gap Tool is designed for 12mm and 14mm threaded spark plugs. Please refer to the dimensions below to ensure compatibility with your specific spark plugs.

Fit for Spark Plugs Sizes



SPARK PLUG THREAD



14mm



12mm

SPARK PLUG REACHES



3/8"



7/16"



1/2"



3/4"

Image: Illustrates the types of spark plug threads and reaches compatible with the tool.

Spark Plug Gapper Dimensions

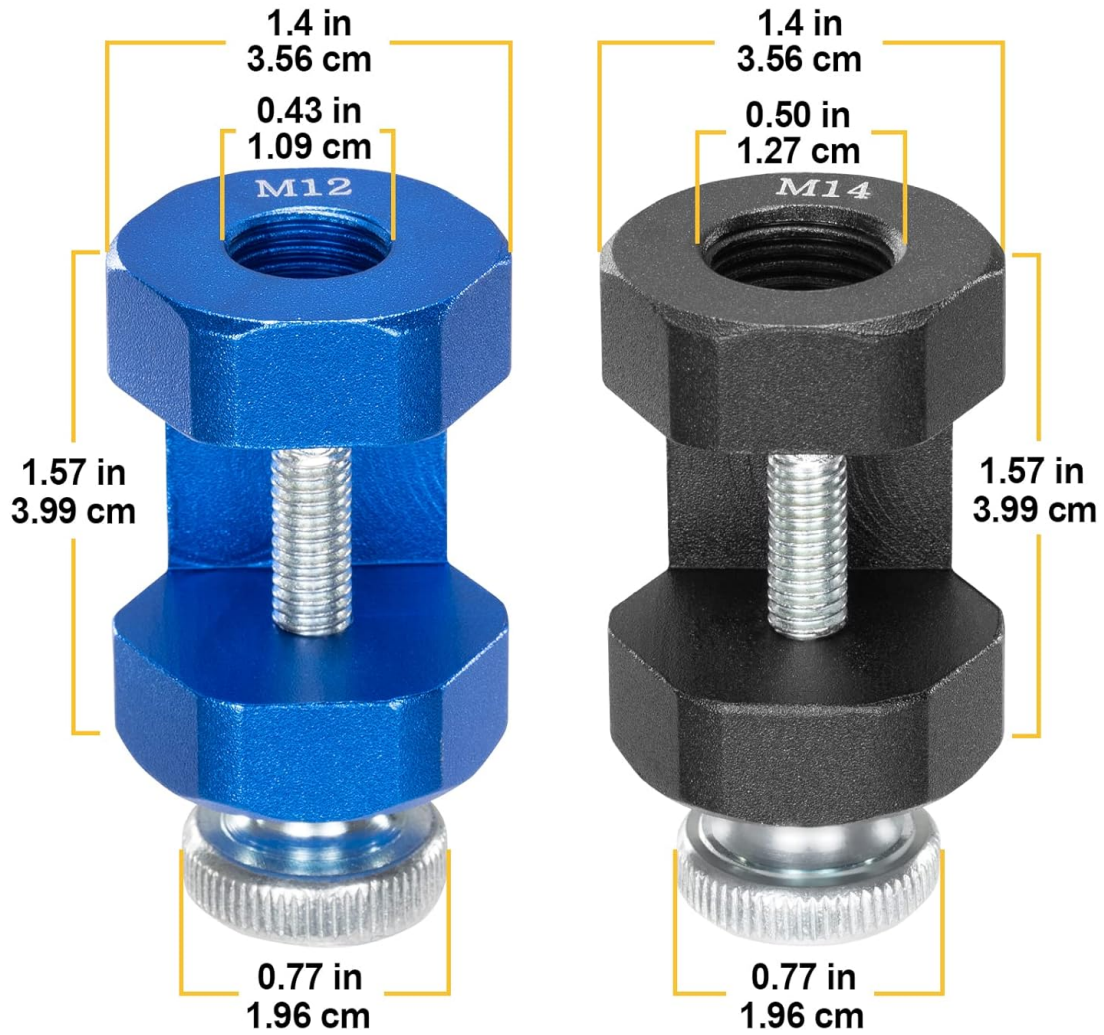


Image: Detailed dimensions of both the 12mm and 14mm spark plug gapper tools.

SPECIFICATIONS

Attribute	Detail
Brand	Toolwiz
Model	Spark Plug Gapping Tool
Item Model Number	TO-THT0007
Material	Aluminum Alloy
Gapper Fitment	12mm / 14mm Spark Plugs
Item Weight	4.2 ounces
Package Dimensions	4.21 x 3.66 x 1.26 inches (10.6 x 9.1 x 1.2 cm)
Country of Origin	China

MAINTENANCE

To ensure the longevity and continued precision of your Toolwiz Spark Plug Gap Tool, follow these simple maintenance guidelines:

- **Cleaning:** After each use, wipe down the tools with a clean, dry cloth to remove any debris, oil, or residue.
- **Storage:** Store the tools in a dry environment to prevent corrosion. Keep them in their original packaging or a tool box to protect them from impacts and scratches.
- **Inspection:** Periodically inspect the threads and the adjustment knob for any signs of wear or damage. Ensure the screw mechanism operates smoothly.
- **Lubrication:** A very light application of a general-purpose lubricant to the screw mechanism can help maintain smooth operation, if needed. Avoid excessive lubrication.

TROUBLESHOOTING

While the Toolwiz Spark Plug Gap Tool is designed for straightforward operation, here are some common issues and their solutions:

- **Spark Plug Not Fitting:**
Ensure you are using the correct size tool (12mm or 14mm) for your spark plug. The tool is not compatible with shorter reach spark plugs. Do not force the spark plug into the tool.
- **Difficulty Adjusting Gap:**
Check if the spark plug is fully threaded into the tool. The adjustment knob should turn smoothly. If it feels stiff, ensure there's no debris in the threads. A very light lubricant might help if the mechanism is dry.
- **Inaccurate Gap Measurement:**
Always use a calibrated feeler gauge for accurate measurements. Remember the tip about using a feeler gauge 0.001-inch smaller than the target gap to account for electrode spring-back.
- **Damage to Spark Plug Electrode:**
This tool is designed to close the gap, not open it. Forcing the gap open with this tool or using excessive force when tightening can damage the electrode. Always use gentle, controlled pressure.

WARRANTY AND SUPPORT

Toolwiz stands behind the quality of its products. For specific warranty information, returns, or technical support, please refer to the official Toolwiz website or contact their customer service directly through the retailer where the product was purchased.

For additional resources and product information, you may visit the [Toolwiz Store on Amazon](#).

