

Briggs & Stratton 5402K

Briggs & Stratton Spark Plug Wrench 5402K

INSTRUCTION MANUAL

1. Product Overview



The Briggs & Stratton Spark Plug Wrench 5402K is a genuine replacement part designed for the maintenance of Briggs & Stratton engines and other compatible lawn and garden equipment. This tool is essential for the proper removal and installation of spark plugs, ensuring optimal engine performance and longevity. It is engineered to fit most engines requiring 13/16 inch and 5/8 inch sockets.



Image: Briggs & Stratton Spark Plug Wrench with ruler for size reference.

Key Features:

- Part# 19576s in display packaging
- Designed for spark plug removal and installation
- Fits most engines
- Compatible with 13/16 inch and 5/8 inch sockets
- Genuine Briggs & Stratton Part

2. Intended Use

This spark plug wrench is specifically designed for use with spark plugs found in lawn mowers, trimmers, snow blowers, and other small engine lawn and garden equipment. Its design allows access to spark plugs in confined spaces where standard sockets may not fit. The tool is optimized for the torque requirements of these smaller engines.



Image: Illustration emphasizing the importance of genuine parts for proper fit and function.

Important Note: This wrench is not intended for use with automotive spark plugs, which typically require

higher torque for removal and installation. Attempting to use this tool on automotive spark plugs may result in bending the leverage bar or damage to the tool due to excessive force.

3. Operating Instructions

Follow these steps for safe and effective use of your Briggs & Stratton Spark Plug Wrench:

1. **Preparation:** Ensure the engine is cool before attempting to remove or install spark plugs. Disconnect the spark plug wire to prevent accidental starting.
2. **Identify Spark Plug Size:** Determine if your spark plug requires a 13/16 inch or 5/8 inch socket. The wrench has both sizes available.
3. **Position the Wrench:** Carefully slide the appropriate end of the wrench over the spark plug until it is fully seated.
4. **Insert Leverage Bar:** Insert the provided metal bar through the hole in the wrench. For initial loosening or final tightening, insert the bar fully to maximize leverage. For turning in tight spaces, the bar can be inserted halfway and swiveled.



Image: The spark plug wrench with the leverage bar inserted, ready for use.

5. **Remove Spark Plug:** Turn the wrench counter-clockwise to loosen the spark plug. Once loose, you can often remove it by hand.
6. **Install Spark Plug:** Hand-thread the new spark plug into the engine to avoid cross-threading. Once finger-tight, use the wrench to gently tighten the spark plug.
7. **Tightening:** Tighten the spark plug only until it is snug. Over-tightening can damage the spark plug or the engine cylinder head. Refer to your engine's service manual for specific torque specifications if available.
8. **Final Step:** Reconnect the spark plug wire securely.

4. Care and Maintenance

The Briggs & Stratton Spark Plug Wrench 5402K is a durable tool designed for longevity. To ensure its continued performance:

- **Cleaning:** After each use, wipe the wrench clean with a dry cloth to remove any dirt, oil, or debris.
- **Storage:** Store the wrench in a dry place to prevent rust. Keep it away from excessive moisture and corrosive materials.
- **Inspection:** Periodically inspect the wrench for any signs of damage, such as bending or cracking. If the tool is damaged, replace it to ensure safe and effective operation.

5. Troubleshooting

If you encounter issues while using the spark plug wrench, consider the following:

- **Wrench Bends During Use:** This typically occurs when excessive force is applied, often when attempting to remove spark plugs from applications with higher torque requirements, such as automobiles. This wrench is designed for lawn and garden equipment. Ensure you are using the correct tool for the job.
- **Difficulty Reaching Spark Plug:** The slim design of this wrench is intended for hard-to-reach spark plugs in small engines. If you still cannot reach the plug, ensure the engine shroud or other

obstructions are removed as per your equipment's service manual.

- **Spark Plug Not Loosening/Tightening:** Ensure the wrench is fully seated on the spark plug. If the plug is seized, apply penetrating oil and allow it to soak before attempting removal again. Avoid excessive force to prevent damage to the engine or tool.

6. Specifications

Specification	Detail
Brand	Briggs & Stratton
Model Number	5402K
Manufacturer Part Number	5402K
Socket Sizes	13/16 inch, 5/8 inch
Material	Nickel (Core and Top Material Type)
Item Weight	0.01 Ounces
Vehicle Service Type	Engines (Lawn & Garden Equipment)
Automotive Fit Type	Universal Fit (for specified socket sizes)
UPC	024847263862, 024847114218

7. Warranty Information



Image: Banner indicating Briggs & Stratton Genuine OEM Parts.

The Briggs & Stratton Spark Plug Wrench 5402K is warranted for 90 days against defects in material and workmanship. This warranty covers manufacturing defects under normal use. It does not cover damage resulting from misuse, abuse, or unauthorized modifications. For warranty claims or further details, please contact Briggs & Stratton customer support.

8. Support

For additional assistance, technical support, or to inquire about other genuine Briggs & Stratton parts, please visit the official Briggs & Stratton website or contact their customer service department. Always refer to your equipment's owner's manual for specific maintenance procedures and part requirements.

Online Resources: www.briggsandstratton.com