Briggs & Stratton 19598

Briggs & Stratton 19598 Digital Tachometer/Hour Meter

Model: 19598 (Replaces 19389)

Introduction

The Briggs & Stratton 19598 Digital Tachometer/Hour Meter is an essential tool for monitoring the performance and maintenance schedule of your small engine equipment. This device accurately tracks engine revolutions per minute (RPM) and total operating hours, enabling precise maintenance intervals and ensuring optimal engine health. This manual provides detailed instructions for installation, operation, and care of your new tachometer/hour meter.

Safety Information

Always read and understand all instructions before installing or operating this device. Ensure the engine is off and cool before performing any installation or maintenance. Keep hands and clothing clear of moving parts. This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

Package Contents

- Briggs & Stratton 19598 Digital Tachometer/Hour Meter
- Installation wire (typically integrated or supplied)
- Instruction Manual (this document)

Product Overview

The Briggs & Stratton 19598 is a compact digital device designed to provide real-time engine RPM readings and accumulate total engine operating hours. It features a clear digital display for easy readability.



Figure 1: Briggs & Stratton 19598 Digital Tachometer/Hour Meter. This image shows the front view of the device, highlighting its digital display and compact design.

Setup and Installation

1. **Prepare the Engine:** Ensure the engine is completely off and cool. Disconnect the spark plug wire for safety.
2. **Mount the Meter:** Choose a suitable, secure location on your equipment, away from excessive heat or vibration. The meter can be mounted using screws or adhesive (not included, unless specified in packaging).
3. **Connect the Wire:** Wrap the signal wire from the tachometer/hour meter around the spark plug wire. Typically, 5-7 wraps are sufficient to pick up the ignition pulse. Ensure the wraps are tight and secure, possibly using electrical tape or zip ties to hold them in place.
4. **Secure the Wiring:** Route the wire safely, away from moving parts, hot surfaces, or pinch points. Use zip ties or clips to secure it.
5. **Reconnect Spark Plug:** Reconnect the spark plug wire to the spark plug.

Note: For optimal signal reception, ensure the signal wire is wrapped directly around the insulated portion of the spark plug wire, close to the spark plug boot.

Operating Instructions

The Briggs & Stratton 19598 Digital Tachometer/Hour Meter is designed for automatic operation once installed correctly.

- **Hour Meter Function:** The device automatically records total engine operating hours when the engine is running. The hour meter display will typically show continuously, even when the engine is off, to retain the accumulated time.
- **Tachometer Function:** When the engine is running, the display will show the current engine RPM (revolutions per minute). The reading updates in real-time, providing immediate feedback on engine speed.
- **Display Modes:** Some models may cycle between hour meter and tachometer readings or have a button to switch modes. Refer to the specific unit's display behavior.

The internal battery is sealed and not replaceable. The unit is designed to operate for its expected lifespan without battery maintenance.

Maintenance

- **Cleaning:** Wipe the display and casing with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners, as these can damage the plastic and display.
- **Inspection:** Periodically check the signal wire and mounting for security and damage. Ensure the wire is still tightly wrapped around the spark plug wire.
- **Battery:** The internal battery is not user-replaceable. The unit is designed for a long operational life. When the battery depletes, the unit will cease to function and should be replaced.

Troubleshooting

Problem	Possible Cause	Solution
No display or erratic readings	Loose or insufficient wraps on spark plug wire. Damaged signal wire. Depleted internal battery.	Ensure signal wire is tightly wrapped 5-7 times around the spark plug wire. Inspect wire for cuts or breaks; replace unit if damaged. If unit is old, internal battery may be depleted, requiring replacement of the unit.
Inaccurate RPM readings	Interference from other electrical components. Incorrect number of wraps.	Relocate the meter or reroute the signal wire away from other electrical sources. Adjust the number of wraps around the spark plug wire.
Hour meter not accumulating	Engine not running or signal not detected.	Verify engine is running. Check signal wire connection as per "No display" troubleshooting.

Specifications

Brand: Briggs & Stratton

Model: 19598

Material: Plastic

Item Dimensions (L x W x H): 1 x 7 x 8 inches

Item Weight: 3.2 ounces

UPC: 024847954807

Function: Digital Tachometer / Hour Meter

Warranty Information

This Briggs & Stratton 19598 Digital Tachometer/Hour Meter comes with a **1 Year Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, abuse, accident, unauthorized repairs, or normal wear and tear. Please retain your proof of purchase for warranty claims.

Support

For technical assistance, replacement parts, or warranty inquiries, please contact Briggs & Stratton customer support. Visit the official Briggs & Stratton website for contact information and additional resources.
Official Website: www.briggsandstratton.com

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

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