Briggs & Stratton 272147

Briggs & Stratton 272147 Engine Repair Manual

Introduction

This document serves as the official Briggs & Stratton 272147 Engine Repair Manual, an Original Equipment Manufacturer (OEM) part designed to provide comprehensive repair and maintenance instructions for specific Briggs & Stratton single-cylinder OHV air-cooled engines. It is an essential resource for technicians and owners seeking detailed guidance on engine diagnostics, repair procedures, and component specifications.



This image displays the front cover of the Briggs & Stratton 272147 Engine Repair Manual. The cover features the Briggs & Stratton logo, the title 'Vanguard Single Cylinder OHV Air-Cooled Engines', and illustrations of three different air-cooled engines, indicating the manual's focus on these specific engine types.

Manual Overview

The 272147 Repair Manual is structured to guide users through various aspects of engine service. It includes detailed diagrams, step-by-step instructions, and critical specifications necessary for proper repair. Topics typically covered include:

- Engine Disassembly and Assembly Procedures
- Fuel System Components and Service
- Ignition System Diagnostics and Repair
- Lubrication System Maintenance
- Valve Adjustment and Cylinder Head Service
- Troubleshooting Common Engine Issues
- Component Specifications and Torque Values

Adherence to the procedures outlined in this manual is crucial for maintaining engine performance and longevity.

Applicable Engine Models

This repair manual (part# 272147) is compatible with a wide range of Briggs & Stratton single-cylinder OHV air-cooled engines. It provides specific repair information for the following models:

Compatible Models: 110602-0015-E1, 110602-0100-E1, 110602-0102-E1, 110602-0105-E1, 110602-0112-E1, 110602-0118-E1, 110602-0131-E1, 110602-0133-E1, 110602-0134-E1, 110602-0135-E1, 110602-0136-E1, 110612-0117-E1, 110682-0114-E1, 111602-0100-E1, 111602-0101-E1, 111602-0105-E1, 111602-0136-E1, 111602-0137-E1, 111602-0139-E1, 111602-0141-E1, 111602-0145-E1, 111602-0146-E1, 111602-0149-E1, 111602-0150-E1, 111602-0151-E1, 111602-0156-E1, 111602-0157-E1, 111602-0159-E1, 111602-0162-E1, 111602-0168-E1, 111602-0169-E1, 111602-0172-E1, 111602-0174-E1, 111602-0175-E1, 111602-0176-E1, 111607-0158-E1, 111682-0135-E1, 111682-0138-E1, 111682-0140-E1, 111682-0142-E1, 111682-0143-E1, 111682-0144-E1, 111682-0147-E1, 111682-0148-E1, 111682-0152-E1, 111682-0155-E1, 111682-0163-E1, 111682-0164-E1, 111682-0165-E1, 111682-0170-E1, 111687-0166-E1, 111687-0171-E1, 118432-0036-B1, 118432-0036-E1, 118432-0060-B1, 118432-0060-E1, 118432-0061-B1, 118432-0061-E1, 118432-0116-E1, 118432-0118-E1, 118432-0120-E1, 118432-0123-B1, 118432-0123-E1, 118432-0124-E1, 118432-0125-B1, 118432-0125-E1, 118432-0127-B1, 118432-0127-E1, 118432-0130-B1, 118432-0130-E1, 118432-0131-B1, 118432-0131-E1, 118432-0132-B1, 118432-0132-E1, 118432-0137-B1, 118432-0137-E1, 118432-0138-B1, 118432-0138-E1, 118432-0139-B1, 118432-0139-E1, 118432-0140-B1, 118432-0140-E1, 118432-0144-B1, 118432-0144-E1, 118432-0150-B1, 118432-0150-E1, 118432-0151-B1, 118432-0151-E1, 118432-0152-B1, 118432-0152-E1, 118432-0155-B1, 118432-0155-E1, 118436-0115-B1, 118436-0115-E1, 118437-0128-B1, 118437-0128-E1, 118437-0143-B1, 118437-0143-E1, 118437-0159-B1, 118437-0159-E1.

Using This Manual

To effectively utilize this repair manual, it is recommended to:

1. **Identify Your Engine Model:** Before beginning any repair, confirm your engine's full model, type, and code numbers. This ensures you are referencing the correct information within the manual.
2. **Review Safety Information:** Always read and understand all safety warnings and precautions provided at the beginning of each section and throughout the manual.
3. **Follow Step-by-Step Procedures:** Perform repairs by following the instructions sequentially. Do not skip steps, as this may lead to errors or damage.
4. **Consult Diagrams and Illustrations:** Use the provided diagrams and exploded views to identify parts and understand assembly sequences.
5. **Adhere to Specifications:** Pay close attention to all specified torque values, clearances, and measurements to ensure proper reassembly and function.

Specifications

The manual includes detailed technical specifications for the covered engine models. These specifications are crucial for accurate repair and include, but are not limited to:

- Engine Dimensions and Clearances

- Torque Specifications for Fasteners
- Ignition Timing and Spark Plug Gap
- Carburetor Settings and Adjustments
- Oil Capacity and Type
- Valve Lash Settings

Refer to the specific sections within the manual for the exact values pertaining to your engine model.

Warranty and Support

This repair manual is an official Briggs & Stratton OEM part, ensuring its accuracy and reliability. For questions regarding specific engine parts, warranty information for your engine, or further technical assistance, please refer to your engine's original owner's manual or contact Briggs & Stratton customer support directly. Information on contacting Briggs & Stratton can typically be found on their official website or through authorized service dealers.

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

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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