

NONROT 135292

NONROT Carburetor 135292 with Diaphragm Kit User Manual

Model: 135292

Brand: NONROT

1. INTRODUCTION

This manual provides essential information for the NONROT Carburetor 135292 with Diaphragm Kit. It is intended to assist users with understanding the product, its compatibility, and general guidelines for installation, operation, and maintenance. Please read this manual thoroughly before attempting any installation or service.

2. PRODUCT OVERVIEW

The NONROT Carburetor 135292 with Diaphragm Kit is a replacement component designed to restore proper fuel delivery and engine performance in compatible Briggs & Stratton engines. The kit includes the main carburetor assembly and a set of diaphragms and gaskets necessary for a complete seal and optimal function.



Image 1: The NONROT Carburetor 135292 with its accompanying diaphragm kit components, including various gaskets, springs, and small hardware, laid out on a white background.

3. COMPATIBILITY

This carburetor and diaphragm kit is designed as a replacement for specific OEM part numbers and is compatible with various Briggs & Stratton engine series. Please verify your engine's model and part number against the lists below to ensure correct fitment.

3.1. Replaces OEM Part Numbers:

- 498298
- 692784
- 495951
- 495426
- 492611
- 490533

3.2. Compatible Briggs & Stratton Engine Series:

- 112202, 133202, 135202, 135232
- 112232, 133212, 134202, 135237
- 130202, 133217, 135207, 135252
- 133232, 133252, 135212, 135292

- 133237, 133292, 135217, 135297
- 136202, 136217, 137202, 137212
- 136212, 136232 series

Important: Always cross-reference the part numbers and engine series to ensure proper compatibility before purchase and installation.

4. PACKAGE CONTENTS

Upon opening the package, you should find the following components:

- 1 x Carburetor Assembly
- 1 x Diaphragm Kit (various gaskets, springs, and small hardware)



Image 2: A view of the carburetor assembly from a different angle, showcasing the various components of the diaphragm kit spread around it.



Image 3: A close-up view of the diaphragm kit components, including various black gaskets, two silver springs, and a small black screw, arranged on a white background.

5. SETUP AND INSTALLATION

Installation of this carburetor and diaphragm kit requires mechanical aptitude and familiarity with small engine repair. It is crucial to refer to your specific engine's service manual for detailed, step-by-step instructions and safety precautions.

General Guidelines:

1. **Safety First:** Ensure the engine is cool, and the spark plug wire is disconnected to prevent accidental starting.
2. **Fuel System:** Drain the fuel tank and disconnect fuel lines from the old carburetor.
3. **Removal:** Carefully remove the old carburetor, noting the position of all linkages, springs, and gaskets.
4. **Gasket Placement:** Install new gaskets from the diaphragm kit in their correct positions to ensure a proper seal.
5. **New Carburetor Installation:** Mount the new NONROT carburetor, reconnecting all linkages, fuel lines, and air filter components.
6. **Final Checks:** Double-check all connections for security and ensure there are no fuel leaks before attempting to start the engine.

Disclaimer: Improper installation can lead to engine damage or personal injury. If you are unsure about any step, consult a qualified technician.



Image 4: The carburetor assembly with a long, clear fuel tube or needle inserted into its central bore, indicating a component of the fuel delivery system.

6. OPERATING

After successful installation, follow your engine manufacturer's guidelines for starting and operating the equipment. The new carburetor should provide consistent fuel delivery for smooth engine operation.

Key Considerations:

- **Fuel Quality:** Always use fresh, clean fuel as recommended by your engine manufacturer.
- **Choke/Throttle:** Adjust the choke and throttle settings according to the engine's starting procedure.
- **Engine Tuning:** Some engines may require minor adjustments to the idle speed or fuel mixture screws after carburetor replacement for optimal performance. Refer to your engine's service manual for specific tuning procedures.

7. MAINTENANCE

Regular maintenance of your engine's fuel system, including the carburetor, is essential for longevity and

reliable performance.

Maintenance Tips:

- **Fuel Filter:** Inspect and replace the fuel filter regularly to prevent contaminants from reaching the carburetor.
- **Fuel Stabilizer:** Use a fuel stabilizer if the equipment will be stored for extended periods to prevent fuel degradation and carburetor clogging.
- **Diaphragm Inspection:** Periodically inspect the carburetor diaphragms and gaskets for signs of wear, cracking, or deterioration. Replace them as needed to maintain a proper seal.
- **Cleaning:** If the carburetor becomes clogged, it may require cleaning with a specialized carburetor cleaner. Follow product instructions carefully.

8. TROUBLESHOOTING

If you encounter issues after installing the NONROT Carburetor 135292, consider the following common troubleshooting steps:

Common Issues and Solutions:

- **Engine Not Starting:**
 - Check for proper fuel flow to the carburetor.
 - Ensure all gaskets are correctly seated and sealed.
 - Verify spark plug condition and ignition system.
- **Rough Idling or Stalling:**
 - Inspect for vacuum leaks around the carburetor mounting.
 - Check idle mixture and speed adjustments (if applicable to your engine).
 - Ensure fuel is clean and free of water or debris.
- **Lack of Power:**
 - Confirm air filter is clean and not obstructed.
 - Check for proper throttle linkage operation.
 - Verify fuel delivery is adequate under load.

If problems persist after performing these checks, it is recommended to consult a professional small engine mechanic.

9. SPECIFICATIONS

Key specifications for the NONROT Carburetor 135292 with Diaphragm Kit:

Specification	Detail
Model Number	135292
Brand	NONROT
Material	Metal

Specification	Detail
Package Dimensions	5.91 x 3.94 x 1.97 inches
Item Weight	10.1 ounces
Recommended Uses	Lawn Tractor

10. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical assistance, please contact the manufacturer, NONROT, or your authorized dealer. It is advisable to retain your purchase receipt as proof of purchase for any warranty claims.