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YOKAMU 41213

YOKAMU 10237 Carburetor Repair Kit Instruction Manual

For Briggs and Stratton 3400, 90700, 91700, 99700, 12A800, 12D800, 121700, 121800, 122700, 126700, 126800
Models

INTRODUCTION

This instruction manual provides detailed guidance for the proper installation and maintenance of your YOKAMU 10237 Carburetor Repair Kit. This kit is designed to restore optimal performance to compatible Briggs and Stratton small engines by replacing worn or damaged carburetor components. Please read all instructions carefully before beginning any repair work.

SAFETY INFORMATION

Always prioritize safety when working with engine components. Failure to follow safety precautions can result in personal injury or damage to equipment.

- Ensure the engine is turned off and cooled down before starting any work.
- Disconnect the spark plug wire to prevent accidental starting.
- Work in a well-ventilated area.
- Wear appropriate personal protective equipment, such as safety glasses and gloves.
- Handle fuel and cleaning solvents with care, as they are flammable.
- Keep a fire extinguisher nearby.
- If you are unsure about any step, consult a qualified technician.

PACKAGE CONTENTS

The YOKAMU 10237 Carburetor Repair Kit includes the following components:

- Various gaskets and O-rings
- Diaphragm
- Needle valve and seat

- Springs
- Other small carburetor components



Image 1: Overview of the YOKAMU 10237 Carburetor Repair Kit components. This image displays various gaskets, O-rings, a diaphragm, needle valve, seat, and springs, which are essential for carburetor repair.

COMPATIBILITY

This repair kit is compatible with the following Briggs and Stratton engine models:

- 3400
- 90700
- 91700
- 99700

- 12A800
- 12D800
- 121700
- 121800
- 122700
- 126700
- 126800

Replaces OEM Part Number: 10237.

INSTALLATION INSTRUCTIONS

Follow these steps carefully to install the carburetor repair kit. It is recommended to take photos during disassembly to aid in reassembly.

1. **Preparation:** Ensure the engine is off, cool, and the spark plug wire is disconnected. Drain any fuel from the fuel tank and carburetor bowl.
2. **Remove Air Filter and Housing:** Carefully detach the air filter and its housing to gain access to the carburetor.
3. **Disconnect Fuel Line and Linkages:** Disconnect the fuel line from the carburetor. Note the routing of any throttle or choke linkages and springs before detaching them.
4. **Remove Carburetor:** Unbolt the carburetor from the engine manifold. Be mindful of any gaskets between the carburetor and the engine.
5. **Disassemble Carburetor:**
 - Remove the carburetor bowl (if applicable) and float pin. Carefully remove the float and needle valve.
 - Remove any existing gaskets, O-rings, and diaphragms. Pay attention to their orientation.
 - Remove jets and other small components as needed for thorough cleaning.
6. **Clean Carburetor:** Thoroughly clean all carburetor passages and components using a carburetor cleaner. Ensure all orifices are clear and free of debris. Use compressed air to blow out passages.
7. **Install New Components:**
 - Install the new needle valve and seat. Ensure the needle moves freely.
 - Install the new float and float pin. Verify the float level is correct according to your engine's service manual (if specific adjustment is required).
 - Replace all old gaskets and O-rings with the new ones from the kit. Ensure they are seated correctly.
 - Install the new diaphragm, paying close attention to its orientation.
8. **Reassemble Carburetor:** Reassemble the carburetor components in reverse order of disassembly. Ensure all screws are tightened to the manufacturer's specifications (do not overtighten).
9. **Reinstall Carburetor:** Mount the carburetor back onto the engine manifold, using new gaskets provided in the kit. Reconnect the fuel line and all linkages.
10. **Reconnect Spark Plug and Refuel:** Reconnect the spark plug wire and refill the fuel tank with fresh fuel.
11. **Initial Start-up and Adjustment:** Start the engine. It may take a few pulls to prime the carburetor.

Once running, check for fuel leaks. Adjust the idle speed and mixture screws as necessary to achieve smooth operation, referring to your engine's service manual for specific settings.



Image 2: Components of the repair kit, including gaskets, O-rings, and a needle valve, arranged for installation. This image helps identify individual parts during the assembly process.

OPERATING (POST-INSTALLATION CHECKS)

After installing the repair kit and starting the engine, perform the following checks:

- **Fuel Leaks:** Visually inspect all fuel lines and carburetor connections for any signs of fuel leakage. Address any leaks immediately.
- **Engine Performance:** Listen for smooth engine operation. The engine should idle steadily and respond smoothly to throttle input.
- **Adjustments:** If the engine runs rough or stalls, fine-tune the carburetor's idle speed and mixture screws according to the engine manufacturer's specifications.

MAINTENANCE

Proper maintenance helps extend the life of your carburetor and engine:

- **Fuel Quality:** Always use fresh, clean fuel. Stale fuel can cause deposits that clog carburetor

identifying specific parts during troubleshooting or reassembly.

SPECIFICATIONS

Attribute	Detail
Brand	YOKAMU
Model Number	41213
Replaces OEM Part Number	10237
Compatible Engine Models	Briggs and Stratton 3400, 90700, 91700, 99700, 12A800, 12D800, 121700, 121800, 122700, 126700, 126800

WARRANTY AND SUPPORT

Every product from YOKAMU includes a 30-day Money-back guarantee and an 18-Month Worry-free Warranty. If you have any questions regarding compatibility or installation, please feel free to contact YOKAMU customer support. When contacting support, please include your engine's model and serial number for accurate assistance.

This is an aftermarket replacement part. Any brand name mentioned is used solely for the purpose of demonstrating compatibility.