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AUTOKAY 2700-3000PSI

AUTOKAY Carburetor and Kit User Manual

Model: 2700-3000PSI

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your AUTOKAY Carburetor and Kit. This kit is designed for 875Exi 190cc engines found in 2700-3000PSI power washers, specifically those with 7.75Hp or 8.75Hp engines. It includes a carburetor, air filter, spark plug, gaskets, O-ring, and various pressure washer nozzles.

2. PACKAGE CONTENTS

Please verify that all items listed below are present in your package:

- 1x Carburetor (Part Number: 593599)
- 3x Gasket
- 1x O-ring
- 1x Air Filter (Part Number: 797301)
- 1x Spark Plug
- 1x Black Soap Nozzle (Brass)
- 1x Red 0 Degree Nozzle Tip (Stainless Steel)
- 1x Yellow 15 Degree Nozzle Tip (Stainless Steel)
- 1x Green 25 Degree Nozzle Tip (Stainless Steel)
- 1x White 40 Degree Nozzle Tip (Stainless Steel)



Figure 2.1: Overview of all components included in the AUTOKAY Carburetor Kit. This includes the carburetor, various gaskets, an O-ring, a spark plug, an air filter, and five different pressure washer nozzles.

3. SETUP AND INSTALLATION

This section outlines the general steps for installing the carburetor and associated components. Always refer to your power washer's specific service manual for detailed, model-specific instructions and safety precautions.

3.1. Safety Precautions

- Ensure the engine is cool and the spark plug wire is disconnected before beginning any work.
- Work in a well-ventilated area.
- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection.
- Have a fire extinguisher readily available.

3.2. Carburetor Installation

1. **Remove Old Carburetor:** Carefully disconnect the fuel line, throttle linkage, and choke linkage from the old carburetor. Remove the mounting bolts and the old carburetor along with its gaskets.
2. **Clean Mounting Surface:** Thoroughly clean the engine's mounting surface to ensure a proper seal with the new

gaskets.

3. **Install New Gaskets:** Place the new gaskets in the correct orientation on the engine and then on the new carburetor.
4. **Mount New Carburetor:** Position the new AUTOKAY carburetor (Part Number 593599) onto the engine, aligning it with the mounting holes. Secure it with the mounting bolts, tightening them evenly.
5. **Reconnect Linkages and Fuel Line:** Reattach the throttle and choke linkages. Connect the fuel line, ensuring it is securely fastened and free of leaks.
6. **Install Air Filter:** Insert the new air filter (Part Number 797301) into its housing.
7. **Replace Spark Plug:** Remove the old spark plug and install the new spark plug provided in the kit. Ensure it is tightened to the manufacturer's specifications.



Figure 3.1: Detailed view of the AUTOKAY carburetor, highlighting key dimensions for compatibility verification.



Figure 3.2: Side view of the AUTOKAY carburetor, showing additional dimensions relevant for installation.



Figure 3.3: Front view of the AUTOKAY carburetor, showing the air intake and mounting points.



Figure 3.4: Top-down view of the AUTOKAY carburetor, showing the linkage mechanism.



Figure 3.5: Angled view of the AUTOKAY carburetor, providing a comprehensive look at its structure.

4. OPERATING INSTRUCTIONS

4.1. Engine Start-Up (After Carburetor Replacement)

1. **Check Fuel Level:** Ensure the fuel tank has fresh, clean fuel.

2. **Reconnect Spark Plug Wire:** Reconnect the spark plug wire securely.
3. **Prime Carburetor (if applicable):** If your engine has a primer bulb, press it several times until fuel is visible.
4. **Set Choke:** Move the choke lever to the "FULL CHOKE" position for cold starts.
5. **Start Engine:** Pull the recoil starter cord firmly and smoothly until the engine starts.
6. **Adjust Choke:** As the engine warms up, gradually move the choke lever to the "RUN" position.

4.2. Using Pressure Washer Nozzles

The kit includes five quick-connect nozzles for various cleaning tasks. Each color represents a different spray pattern and pressure level:

Nozzle Color	Degree/Pattern	Application
Red	0 Degree (Pencil Jet)	Intense cleaning, spot removal, hard-to-reach areas. <i>Use with extreme caution.</i>
Yellow	15 Degree (Fan Spray)	Aggressive cleaning of small areas, paint stripping, stubborn stains.
Green	25 Degree (Fan Spray)	General cleaning, driveways, patios, siding.
White	40 Degree (Fan Spray)	Gentle cleaning, delicate surfaces, windows, vehicles.
Black	Soap Nozzle (Low Pressure)	Applying detergents and cleaning solutions.

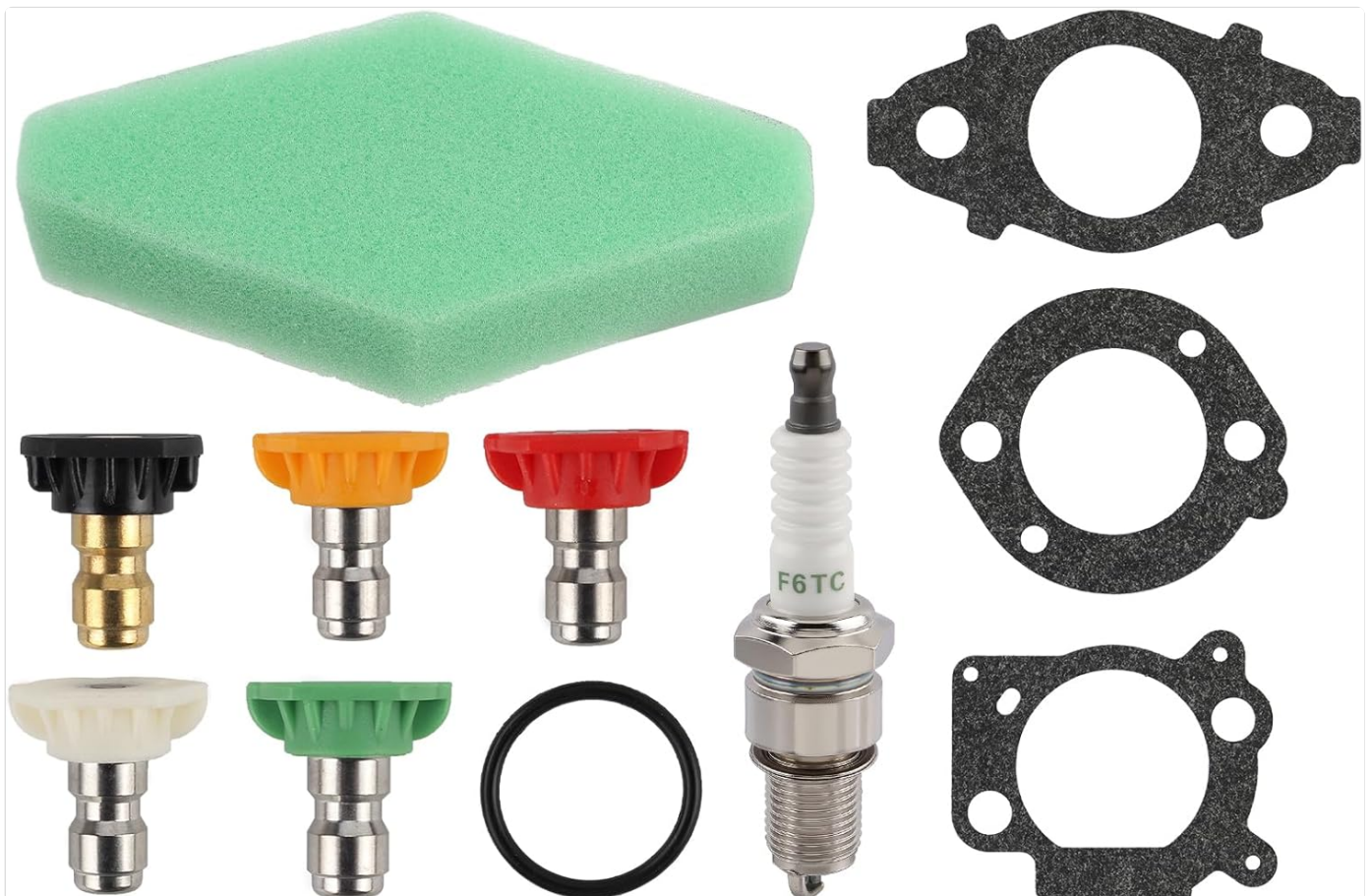


Figure 4.1: The five quick-connect pressure washer nozzles: Red (0°), Yellow (15°), Green (25°), White (40°), and Black (Soap).



Figure 4.2: The air filter, spark plug, and various gaskets included in the kit, essential for proper engine function.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your engine and carburetor.

5.1. Air Filter Maintenance

The air filter (Part Number 797301) should be inspected regularly and cleaned or replaced as needed. A dirty air filter can restrict airflow, leading to poor engine performance.

- Remove the air filter cover.
- Remove the foam air filter.
- Clean with warm, soapy water, rinse thoroughly, and allow to air dry completely. Alternatively, replace with a new filter.
- Reinstall the clean/new air filter and cover.

5.2. Spark Plug Maintenance

Inspect the spark plug periodically for wear or fouling. Replace if electrodes are worn or if there is heavy carbon buildup.

- Disconnect the spark plug wire.
- Use a spark plug wrench to remove the spark plug.
- Check the gap and condition. Replace if necessary.
- Install the new spark plug and reconnect the wire.

5.3. Fuel System

Use fresh, clean, unleaded gasoline. For long-term storage, use a fuel stabilizer or drain the fuel system to prevent carburetor issues.

6. TROUBLESHOOTING

This section provides solutions to common issues you might encounter.

Problem	Possible Cause	Solution
Engine won't start	No fuel, clogged fuel line, faulty spark plug, incorrect choke setting, dirty air filter.	Check fuel, clean/replace fuel line, replace spark plug, adjust choke, clean/replace air filter.
Engine runs rough/lacks power	Dirty air filter, clogged carburetor, old fuel, incorrect spark plug gap.	Clean/replace air filter, clean carburetor, use fresh fuel, check/adjust spark plug gap.
Fuel leaks from carburetor	Damaged O-ring or gasket, float needle stuck.	Inspect and replace O-ring/gaskets, clean float bowl and needle.

7. SPECIFICATIONS

- **Product Type:** Carburetor and Tune-Up Kit
- **Brand:** AUTOKAY
- **Model Compatibility:** 875Exi 190cc Engines, 111000, 11P000, 121000, 12Q000 Engines
- **Pressure Washer Compatibility:** 2700-3000PSI Troy Bilt Power Washers (7.75Hp, 8.75Hp)
- **Carburetor Part Number:** 593599
- **Air Filter Part Number:** 797301
- **Package Dimensions:** Approximately 4.92 x 4.09 x 3.62 inches
- **Item Weight:** Approximately 13 ounces

8. PRODUCT OVERVIEW VIDEO

Your browser does not support the video tag.

Video 8.1: An overview of the AUTOKAY Carburetor Kit components. This video showcases the carburetor, gaskets, O-ring, air filter, spark plug, and the various pressure washer nozzles included in the package.

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your AUTOKAY product, please contact the manufacturer directly. Refer to the product packaging or the AUTOKAY official website for contact details.

Manufacturer: AUTOKAY

Website: [Visit the AUTOKAY Store on Amazon](#)

