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> DABAZUALY 14 853 68-S Carburetor Instruction Manual for Kohler XT650/XT675 Engines and Toro Recycler Lawn Mowers

DABAZUALY 14 853 68-S

DABAZUALY 14 853 68-S Carburetor Instruction Manual

For Kohler XT650/XT675 Engines and Toro Recycler Lawn Mowers

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of the DABAZUALY 14 853 68-S Carburetor. This carburetor is designed for use with Kohler XT650, XT675, XT6.5, XT6.75 149cc XT Series engines, and is a suitable replacement for Toro 20371, 20378, 20377, and 20171 22-inch Recycler Lawn Mowers, replacing part number 14 853 55-S.

Please read this manual thoroughly before attempting any installation or maintenance to ensure safe and correct usage.

2. SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves, when working with engine components.
- Ensure the engine is turned off and cooled down before performing any maintenance or installation.
- Disconnect the spark plug wire to prevent accidental starting.
- Work in a well-ventilated area.
- Handle fuel with extreme care. Avoid spills and ensure no open flames or sparks are nearby.
- Refer to your engine's specific service manual for additional safety precautions and detailed instructions.

3. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- 1x DABAZUALY 14 853 68-S Carburetor
- 1x Air Filter
- 1x Spark Plug
- 1x Fuel Filter
- 1x Fuel Line
- 4x Clamps
- 3x Gaskets

- 1x Heat Shield Gasket

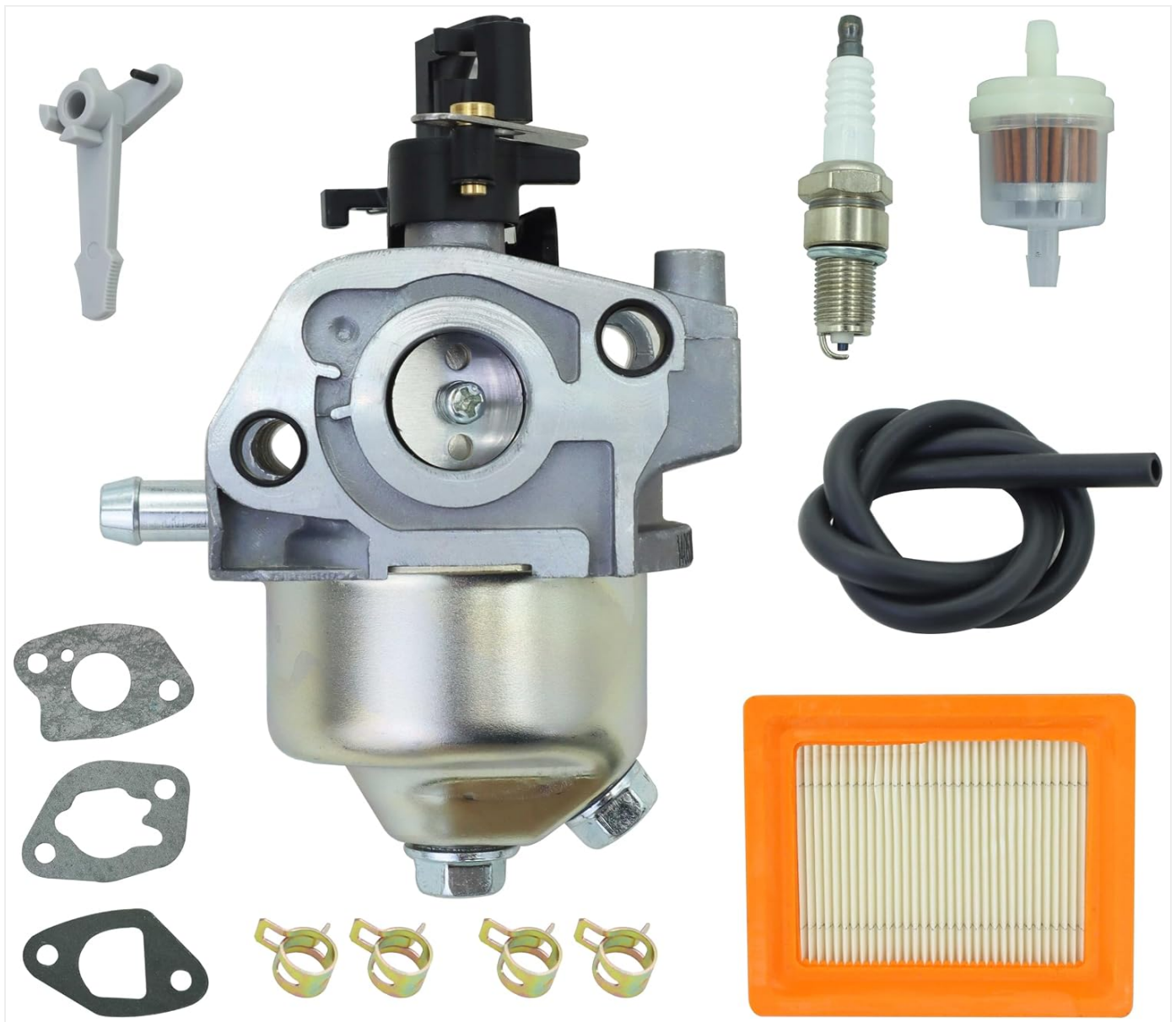


Figure 1: Complete Carburetor Kit Components



Figure 2: Alternative View of Kit Components

4. SETUP AND INSTALLATION

This section outlines the general steps for replacing your old carburetor with the new DABAZUALY 14 853 68-S Carburetor. Specific engine models may have slight variations. Always consult your engine's service manual for precise instructions.

4.1 Pre-Installation Steps

1. **Safety First:** Ensure the engine is off, cool, and the spark plug wire is disconnected.
2. **Drain Fuel:** Drain the fuel tank into an approved container.
3. **Access Carburetor:** Remove any air filter housings, shrouds, or other components obstructing access to the carburetor.

4.2 Carburetor Removal

1. **Disconnect Fuel Line:** Carefully disconnect the fuel line from the old carburetor. Be prepared for residual fuel.
2. **Disconnect Linkages:** Detach any throttle and choke linkages connected to the carburetor. Note their positions for reassembly.
3. **Remove Mounting Bolts:** Unscrew the bolts holding the carburetor to the engine.
4. **Remove Old Carburetor:** Gently remove the old carburetor and any old gaskets.

4.3 New Carburetor Installation

1. **Install Gaskets:** Place the new gaskets in their correct positions between the engine, heat shield, and carburetor. Ensure they are properly aligned to prevent air leaks.
2. **Mount Carburetor:** Position the new DABAZUALY carburetor and secure it with the mounting bolts. Do not overtighten.
3. **Connect Linkages:** Reattach the throttle and choke linkages to the new carburetor. Verify smooth operation.
4. **Connect Fuel Line:** Attach the new fuel line and fuel filter (if replacing) to the carburetor and fuel tank. Secure with new clamps.
5. **Install Air Filter:** Replace the old air filter with the new one provided in the kit.
6. **Final Checks:** Double-check all connections and ensure no tools or debris are left in the engine area.

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Video 1: Overview of the DABAZUALY 14 853 68-S Carburetor components and basic handling. This video demonstrates the physical aspects of the carburetor, including the throttle valve, auto choke, fuel inlet line, and float bowl, providing a visual guide to its structure.

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Video 2: Detailed view of the carburetor components, including the throttle valve, auto choke, fuel inlet line, and float bowl. This video provides a closer look at the individual parts of the carburetor, which can be helpful for identification during installation or maintenance.

5. OPERATING INSTRUCTIONS

After successful installation, follow these steps to start and operate your engine:

1. **Refill Fuel:** Fill the fuel tank with fresh, appropriate fuel for your engine.
2. **Reconnect Spark Plug:** Reconnect the spark plug wire.
3. **Prime Carburetor (if applicable):** Some engines may require priming. Refer to your engine manual.
4. **Start Engine:** Follow your engine's specific starting procedure (e.g., set choke, pull starter cord). The new carburetor should provide a rapid startup and stable engine speed.
5. **Monitor Performance:** Observe the engine for smooth operation, stable RPM, and responsive throttle.

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Video 3: This video highlights the benefits of the HIPA carburetor kit, including rapid startup, fuel saving, stable engine speed, and instant throttle response. It also shows a lawnmower in operation, demonstrating the product's effectiveness.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your carburetor and engine.

- **Air Filter:** Inspect and clean or replace the air filter regularly, especially in dusty conditions. A clogged air filter can affect carburetor performance.
- **Fuel Filter:** Replace the fuel filter annually or if it appears clogged.
- **Spark Plug:** Check the spark plug condition and gap periodically. Replace if fouled or worn.
- **Fuel System Cleaning:** If the engine is stored for extended periods, drain the fuel or use a fuel stabilizer to prevent

fuel degradation and carburetor clogging.

7. TROUBLESHOOTING COMMON ISSUES

This section addresses common issues you might encounter. For complex problems, consult a qualified technician.

Problem	Possible Cause	Solution
Engine won't start	No fuel, clogged fuel filter, fouled spark plug, incorrect choke setting.	Check fuel level, replace fuel filter, replace spark plug, adjust choke.
Engine runs rough or stalls	Dirty air filter, old fuel, carburetor jets clogged, air leak.	Clean/replace air filter, use fresh fuel, clean carburetor, check gasket seals.
Engine lacks power	Clogged air filter, restricted fuel flow, incorrect engine speed adjustment.	Clean/replace air filter, check fuel filter and line, adjust engine speed if possible.
Fuel leaks	Loose fuel line, damaged gasket, float bowl issue.	Tighten connections, replace gaskets, inspect float bowl for damage.

8. SPECIFICATIONS

- **Model:** DABAZUALY 14 853 68-S Carburetor
- **Replaces Part Numbers:** 14 853 68-S, 14 853 55-S
- **Compatibility:** Kohler XT650, XT675, XT6.5, XT6.75 6.5hp, 6.75hp 149cc XT Series Engines; Toro 20371, 20378, 20377, 20171 22-Inch Recycler Lawn Mowers
- **Flange Type:** Bolt On
- **Item Weight:** Approximately 14 ounces
- **Product Dimensions:** Approximately 3.5 x 3.2 x 2.7 inches
- **UPC:** 768399422673



Figure 3: Carburetor Dimensions (Side View)

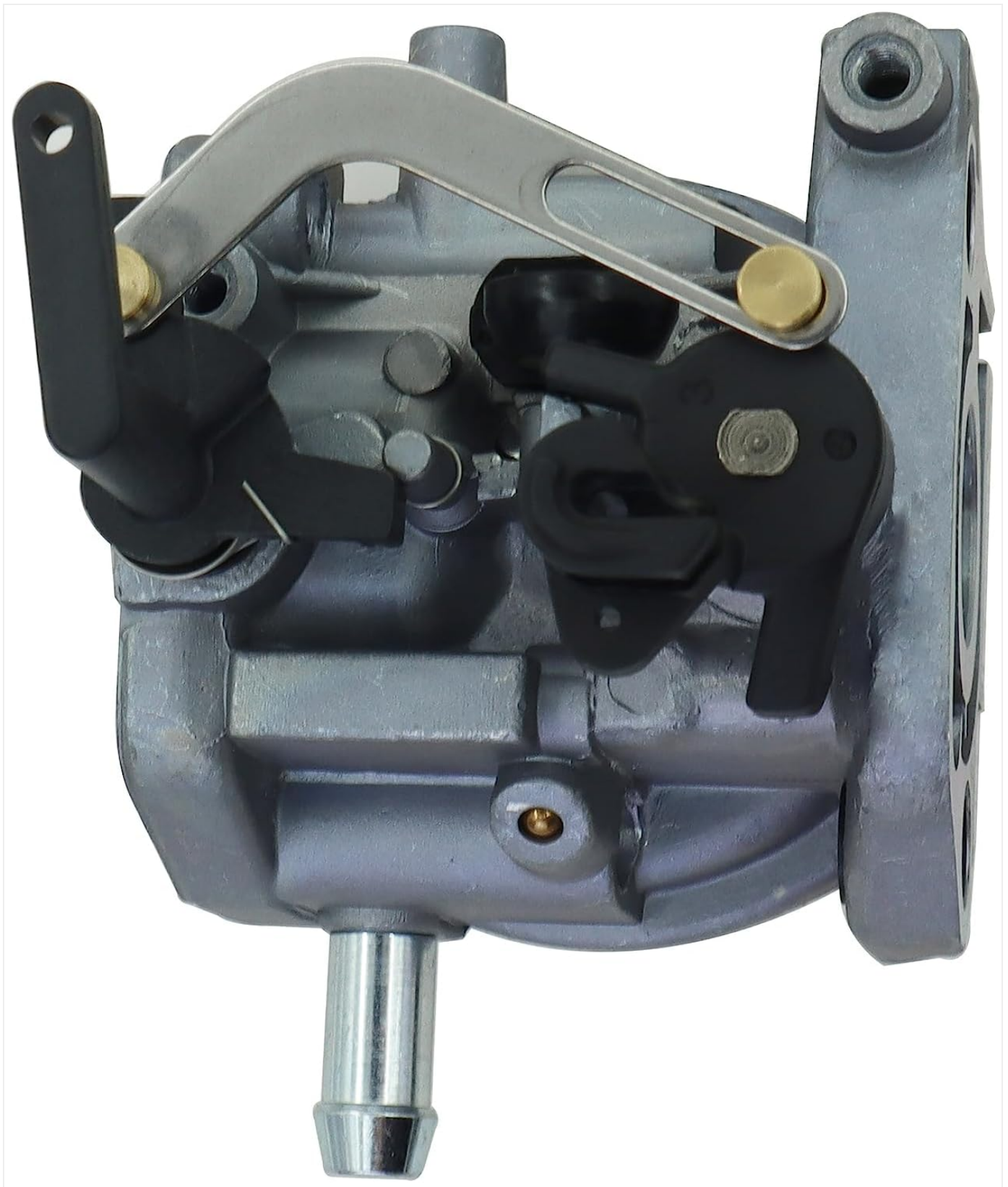


Figure 4: Carburetor Dimensions (Front View)

9. WARRANTY INFORMATION

The manufacturer offers a satisfaction guarantee. If there is any mismatch or installation problem after purchase, you may apply for a refund or exchange. Please retain your proof of purchase for warranty claims.

10. CUSTOMER SUPPORT

For further assistance, technical support, or warranty inquiries, please contact DABAZUALY customer service through the

platform where the product was purchased.

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

Anonymous

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