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DABAZUALY SV730

DABAZUALY Carburetor Kit User Manual

Model: SV730 | Brand: DABAZUALY

PRODUCT OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of the **DABAZUALY Carburetor Kit**, a comprehensive kit designed for various Kohler Courage engines (22HP-27HP) and specific Toro lawn tractor models. This kit includes essential components for engine tune-up and repair, ensuring optimal performance and longevity of your equipment.



Figure 1: Complete Carburetor Kit components including carburetor, gaskets, fuel filter, switch, clamps, oil filter, air filter, fuel pump, and spark plugs.

COMPATIBILITY

This carburetor kit is compatible with the following engine and model numbers:

- Kohler Engine Models:** SV710-840, SV725-0001, SV725-0002, SV725-0010, SV725-0011, SV725-0013, SV725-0014, SV725-0015, SV725-0016, SV725-0017, SV725-0018, SV725-3016, SV730-0001, SV730-0002, SV730-00010, SV730-0011, SV730-0012, SV730-0013, SV730-0014, SV730-0015, SV730-0016, SV730-0017, SV730-0018, SV730-0020, SV730-0023, SV730-0024, SV730-0025, SV730-0026, SV730-0027, SV730-0028, SV730-0029, SV730-0030, SV730-0031, SV730-0033, SV730-0034, SV730-0036, SV730-0037, SV730-0038, SV730-0039, SV730-0040, SV735-0001, SV735-0002, SV735-0010, SV735-0011, SV735-0012, SV735-0013, SV735-0014, SV735-0015, SV735-0016, SV735-0017, SV735-0018, SV735-0019, SV735-0020, SV740-0001, SV740-0002, SV740-0010, SV740-0011, SV740-0012, SV740-0013, SV740-0014, SV740-0015, SV740-0016, SV740-0017, SV830-0001, SV830-0010, SV830-0011, SV830-0012, SV830-0013, SV830-0014, SV830-0016, & SV830-0017.
- Toro Lawn Tractor Models:** 59008, 74375 (280000001-280999999)(2008), 74375 (290000001-290000199)(2009), 74375 (290000200-290999999)(2009), 14AQ81RP544 (1)(2008), 14AQ81RP544 (1A136H30000)(2006), 14AQ81RP744 (1A136H30000)(2006), 14AQ81RP748 (1B087H30130)(2007), 74815 (280000001-280999999)(2008), 74815 (290000001-290999999)(2009), 74818 (280000001-280999999)(2008), 74823 (290000001-290999999)(2009).

SAFETY INFORMATION

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

- Ensure the engine is completely off and cooled down before beginning any work.
- Disconnect the spark plug wire to prevent accidental starting.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Work in a well-ventilated area, especially when dealing with fuel.
- Keep a fire extinguisher nearby when working with flammable materials.
- Refer to your equipment's original service manual for specific safety guidelines and procedures.

SETUP AND INSTALLATION

This section outlines the general steps for installing the carburetor kit. Specific procedures may vary slightly depending on your engine model. It is recommended to consult your engine's service manual for detailed, model-specific instructions.

Required Tools

- Socket wrench set
- Screwdriver set
- Pliers
- Fuel line clamps
- Clean rags
- Container for draining fuel

Installation Steps

1. Preparation:

- Park the equipment on a level surface.
- Ensure the engine is cool.
- Turn off the fuel supply valve (if equipped) and disconnect the spark plug wire.
- Place a suitable container under the fuel line to catch any spilled fuel.

2. Remove Old Components:

- Carefully disconnect the fuel lines, throttle linkage, and choke linkage from the old carburetor.
- Remove the mounting bolts securing the carburetor to the engine.
- Remove the old carburetor and any old gaskets.
- Replace the old air filter, fuel filter, oil filter, and spark plugs as needed.

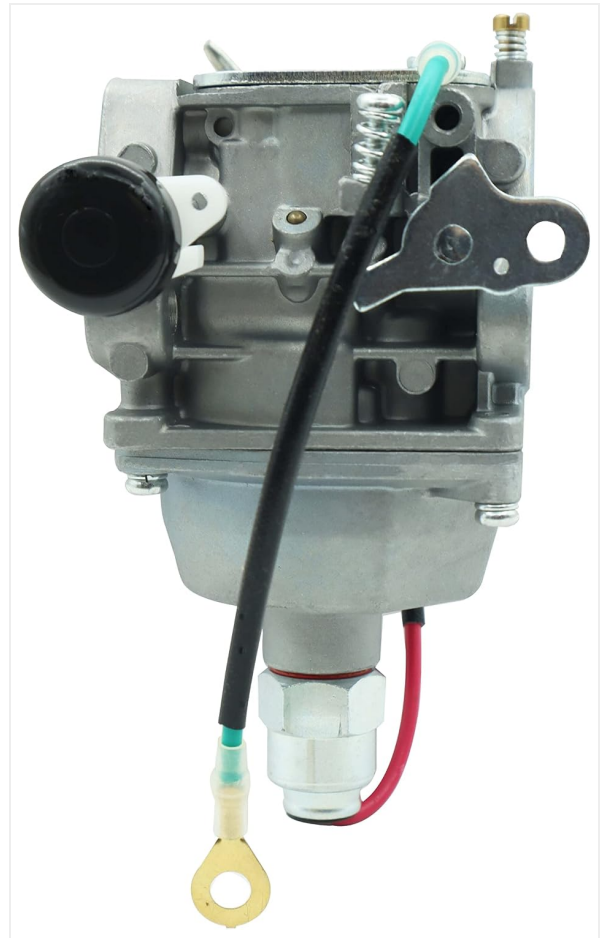
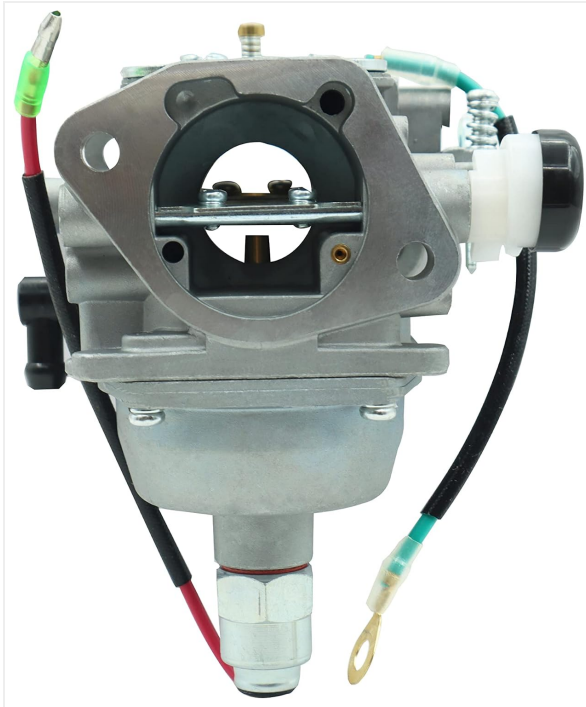


Figure 2: Front and side views of the carburetor, showing connection points.



Figure 3: Air filter and oil filter components.

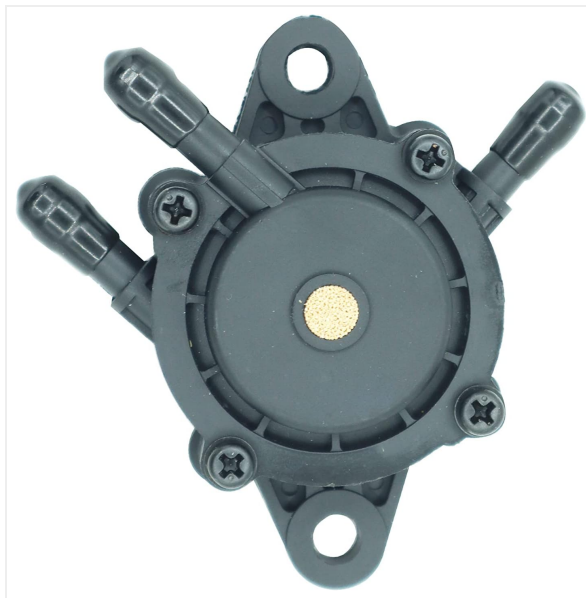


Figure 4: Fuel pump component.

3. Install New Components:

- Install new gaskets on the engine mounting surface.
- Mount the new carburetor, ensuring it is properly seated and secured with the mounting bolts.
- Reconnect the fuel lines, throttle linkage, and choke linkage to the new carburetor. Ensure all connections are secure and free of leaks.
- Install the new air filter, fuel filter, oil filter, and spark plugs.
- Use the provided clamps to secure fuel lines.

4. Final Checks:

- Double-check all connections and ensure no tools or debris are left in the engine area.
- Reconnect the spark plug wire.
- Open the fuel supply valve.



Video 1: Overview of the Carburetor Kit components and general handling. This video demonstrates the physical aspects of the carburetor and other parts included in the kit, providing a visual reference for installation.

OPERATING INSTRUCTIONS

After successful installation, follow these general guidelines for operating your equipment.

- **Initial Start-up:** After installing the new carburetor, it may take a few pulls or cranks for the fuel system to prime and the engine to start.
- **Choke Usage:** Use the choke as necessary for cold starts. Once the engine warms up, gradually disengage the choke.
- **Engine Performance:** Monitor engine performance for smooth operation, consistent RPMs, and proper power output.
- **Fuel Quality:** Always use fresh, clean fuel as recommended by your engine manufacturer. Stale or contaminated fuel can lead to carburetor issues.

MAINTENANCE

Regular maintenance of your engine and its components is crucial for optimal performance and longevity.

- **Air Filter:** Inspect the air filter regularly (e.g., every 25 hours of operation or annually). Clean or replace if dirty to ensure proper air flow to the carburetor. A clogged air filter can lead to rich fuel mixtures and reduced engine power.
- **Fuel Filter:** Replace the fuel filter annually or if signs of clogging are present (e.g., engine sputtering, loss of power). This prevents contaminants from reaching the carburetor.
- **Spark Plugs:** Inspect spark plugs annually or every 100 hours of operation. Replace if electrodes are worn, fouled, or damaged. Proper spark plug function is vital for efficient combustion.
- **Fuel System:** For seasonal storage, drain the fuel tank and carburetor, or use a fuel stabilizer to prevent fuel degradation and gumming, which can clog carburetor jets.
- **General Cleaning:** Keep the exterior of the carburetor and engine clean to prevent dirt and debris from entering critical components.

TROUBLESHOOTING

This section provides solutions to common issues you might encounter after installing the carburetor kit.

Problem	Possible Cause	Solution
Engine will not start	No fuel, clogged fuel filter, fouled spark plug, incorrect choke setting, air leak at carburetor gasket.	Check fuel level. Replace fuel filter. Inspect and clean/replace spark plug. Adjust choke. Check carburetor mounting bolts and gaskets for tightness.
Engine runs rough or stalls	Dirty air filter, clogged fuel filter, carburetor jets partially clogged, old/stale fuel, spark plug issue.	Clean or replace air filter. Replace fuel filter. Clean carburetor jets (professional service recommended). Drain and refill with fresh fuel. Inspect/replace spark plug.
Loss of power during operation	Clogged air filter, restricted fuel flow, carburetor not properly adjusted.	Clean or replace air filter. Check fuel lines and filter for obstructions. Consult engine manual for carburetor adjustment procedures.
Fuel leaks from carburetor	Loose fuel line connections, damaged float bowl gasket, stuck float.	Tighten fuel line clamps. Inspect and replace float bowl gasket. Clean float and needle valve.

If troubleshooting steps do not resolve the issue, it is recommended to seek assistance from a qualified service technician.

SPECIFICATIONS

Feature	Detail
Brand	DABAZUALY
Model Number	SV730
Compatible Engine Types	Kohler Courage SV710-SV840 (22HP-27HP)
Compatible Vehicle Service Type	Tractor, Lawn Tractor
Kit Contents	1 x Carburetor, 3 x Gaskets, 1 x Fuel Filter, 1 x Switch, 4 x Clamps, 1 x Oil Filter, 1 x Air Filter, 1 x Fuel Pump, 2 x Spark Plugs

Feature	Detail
Replaces Part Numbers	32-853-08, 32-853-06, 32-853-04, 32 853 12-S (Carburetor); 32-083-05-S, 32-083-03, 32 083 03-S, 32 883 03-S1, KH-32-883-03-S1, KH-32-083-03-S, KH 32-083-03-S, 3208303, 3208303S, 3208303-S, Deere MIU11843, MIU11943 (Air Filter)
Item Weight	2.64 pounds
Package Dimensions	7.64 x 6.06 x 4.96 inches
UPC	768432232450, 755999147822

WARRANTY AND SUPPORT

DABAZUALY is committed to providing quality products and customer satisfaction. While specific warranty details are not provided in this manual, general return policies typically allow for returns or replacements within 30 days of purchase, subject to the retailer's terms and conditions.

For technical assistance, parts support, or any inquiries regarding your carburetor kit, please contact the seller or manufacturer directly through the platform where the product was purchased. The manufacturer aims to ensure your machine is revitalized and operates efficiently.

For more information, you may visit the [DABAZUALY brand page](#).

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