

Toobop 32-789-02-S

Toobop 32-789-02-S Maintenance Kit Instruction Manual

For Kohler KT610, KT620, KT715, KT725, KT730, KT735, KT740, KT745 19HP-26HP 7000 Series Engines

1. INTRODUCTION

This manual provides instructions for the installation and maintenance of the Toobop 32-789-02-S Maintenance Kit. This kit is designed to provide essential replacement parts for routine servicing of Kohler KT610, KT620, KT715, KT725, KT730, KT735, KT740, and KT745 19HP-26HP 7000 series engines, as well as various compatible lawn mowers and outdoor power equipment. Regular maintenance using these components helps ensure optimal engine performance and longevity.

2. PRODUCT COMPONENTS

The Toobop 32-789-02-S Maintenance Kit includes the following components:

- **Air Filter:** Replaces OEM# 32 083 09-S, 32 883 09-S1, KH-32-883-09-S1, 3288309, 102-036.
- **Pre-filter:** Replaces OEM# 32-083-10-S.
- **Fuel Filter:** Replaces OEM# 24 050 02-S, 24 050 10-S, 24 050 13-S.
- **Oil Filter:** Replaces OEM# 12 050 01-S, 12-050-01-S, 1205001.
- **Fuel Pump Kits:** Includes fuel pump, fuel line, and shut-off valve.
- **Spark Plugs:** Two spark plugs.



Figure 2.1: Overview of the complete maintenance kit components, including air filter, pre-filter, fuel filter, oil filter, fuel pump, fuel line, shut-off valve, and spark plugs.



Figure 2.2: Close-up view of the oil filter included in the kit.

Kohler 7000 Series Maintenance Kit



Kohler 32 083 09-S 3208309 32 083 09

KH-32-883-09-S1 32 883 09-S1 490-200-k054

Figure 2.3: The air filter and its accompanying pre-filter, designed for optimal air intake.



Figure 2.4: The two spark plugs provided in the kit.

3. COMPATIBILITY

This maintenance kit is compatible with a wide range of engines and equipment. Verify your engine model or OEM part numbers before installation.

3.1. Kohler Engines

- Kohler KT610, KT620, KT715, KT725, KT730, KT735, KT740, KT745 19HP-26HP 7000 series engines.

3.2. Other Equipment

- Craftsman G8200, G8300, G8400, G8600, T1800, T7800, T8000, T8200, T8400, T8600, Z6400, Z6600, Z6900, ZS6700 lawn mowers.
- Cub Cadet RZT-L, RZT-S, XT1, and XT2 series mowers.
- Hustler Raptor 52".
- Troy Bilt Mustang.

4. SETUP AND INSTALLATION

Always ensure the engine is turned off and cooled down before performing any maintenance. Disconnect the spark plug wires to prevent accidental starting. Refer to your equipment's specific service manual for detailed instructions and safety precautions.

4.1. Air Filter and Pre-filter Installation

1. Locate the air filter housing on your engine.
2. Open the housing and remove the old air filter and pre-filter.
3. Clean any debris from inside the air filter housing.
4. Install the new pre-filter onto the new air filter.
5. Insert the assembled air filter and pre-filter into the housing, ensuring a secure fit.
6. Close and secure the air filter housing cover.

Perfect Fit

**Air Filter Replace Number: Kohler 32 083 09-S 3208309 32 083 09
KH-32-883-09-S1 32 883 09-S1 490-200-k054**



For reference only! Size may vary as observational error

Figure 4.1: Air filter dimensions for reference to ensure proper fitment.

4.2. Oil Filter Replacement

1. Place a drain pan under the oil filter.
2. Unscrew the old oil filter counter-clockwise.
3. Apply a thin film of new engine oil to the gasket of the new oil filter.
4. Screw on the new oil filter clockwise until the gasket makes contact, then tighten an additional 1/2 to 3/4 turn. Do not overtighten.
5. Check for leaks after starting the engine.

4.3. Fuel Filter and Fuel Pump Installation

1. Locate the existing fuel filter and fuel pump. Note the direction of fuel flow for the filter.
2. Use the provided clamps to secure the fuel lines.

3. Carefully remove the old fuel filter and fuel pump, being mindful of any fuel spills.
4. Install the new fuel filter, ensuring the arrow on the filter points in the direction of fuel flow towards the engine.
5. Install the new fuel pump, connecting the fuel lines securely with the new clamps.
6. Install the new fuel shut-off valve in an accessible location on the fuel line.
7. Ensure all connections are tight to prevent leaks.

4.4. Spark Plug Replacement

1. Remove the spark plug wires from the old spark plugs.
2. Use a spark plug wrench to remove the old spark plugs.
3. Before installing new spark plugs, verify the gap according to your engine manufacturer's specifications using a spark plug gap tool. Adjust if necessary.
4. Thread the new spark plugs into the engine by hand to prevent cross-threading.
5. Tighten with a spark plug wrench. Do not overtighten.
6. Reconnect the spark plug wires.

5. MAINTENANCE

Regular maintenance of these components is crucial for the performance and longevity of your engine. Follow the recommended service intervals in your engine's owner's manual.

5.1. Air Filter Maintenance

- Inspect the air filter and pre-filter regularly, especially in dusty conditions.
- Clean the pre-filter by washing it with warm, soapy water, rinsing thoroughly, and allowing it to air dry completely before reinstallation.
- Replace the air filter annually or more frequently if it appears heavily soiled or damaged.

5.2. Oil Filter Maintenance

- The oil filter should be replaced with every oil change, typically annually or after a specified number of operating hours, as per your engine's manual.

5.3. Fuel Filter Maintenance

- Inspect the fuel filter for contaminants or blockages periodically.
- Replace the fuel filter annually or if fuel flow is restricted.

5.4. Spark Plug Maintenance

- Inspect spark plugs annually for wear, fouling, or damage.
- Clean any carbon deposits and re-gap if necessary.
- Replace spark plugs annually or as recommended by your engine manufacturer.

6. TROUBLESHOOTING

If you experience issues after installing the maintenance kit, consider the following common troubleshooting steps:

- **Engine Not Starting:** Check spark plug connections, ensure fuel is flowing (fuel shut-off valve open), and verify spark plug gap. A clogged fuel filter or faulty fuel pump can also prevent starting.
- **Poor Engine Performance:** A dirty air filter can restrict airflow, leading to reduced power. Incorrectly gapped or fouled spark plugs can cause misfires. A partially clogged fuel filter can starve the engine of fuel.

- **Fuel Leaks:** Ensure all fuel line connections are tight and clamps are properly secured. Check for cracks in fuel lines.
- **Oil Leaks:** Verify the oil filter is tightened correctly and its gasket is seated properly.

If problems persist, consult a qualified service technician or your engine's service manual.

7. SPECIFICATIONS

Feature	Detail
Product Grade	Replacement Part
Brand	Toobop
Fit Type	Universal Fit (for specified models)
Product Dimensions (L x W x H)	9" x 5.5" x 3.14"
OEM Part Numbers (Air Filter)	32 083 09-S, 32 883 09-S
OEM Part Numbers (Oil Filter)	12-050-01-S
Model Number	Kohler KT7000 Series Maintenance kit
Included Components	Air Filter, Pre-filter, Fuel Filter, Fuel Pump Kits, Oil Filter, Spark Plug

8. WARRANTY AND SUPPORT

This Toobop product comes with a **1-year manufacturer warranty**. For warranty claims or technical support, please contact Toobop customer service through the retailer where the product was purchased. Ensure you have your purchase details available.

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