Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

CULMKARI KT730, KT735, KT740, KT745 Carburetor

CULMKARI Carburetor Instruction Manual

Model: Kohler KT730, KT735, KT740, KT745 Engines

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your CULMKARI Carburetor. Please read these instructions carefully before attempting any installation or service to ensure safe and efficient performance.

2. Product Compatibility

This CULMKARI Carburetor is designed as a replacement part for various Kohler engines. It replaces part numbers**16-853-19S**, **16 853 19S**, **32 853 67-S**, **32-853-63S**, **3285363S**, and **1685319S**.
It is compatible with the following Kohler engine models, typically found in 20HP, 21HP, 22HP, 23HP, 24HP, and 25HP configurations:

- **KT725 Series:** KT725-3015, KT725-3019, KT725-3035, KT725-3038, KT725-3045, KT725-3070, KT725-3071, KT725-3075, KT725-3081, KT725-3082, KT725-3083
- **KT730 Series:** KT730-3013, KT730-3017, KT730-3018, KT730-3022, KT730-3023, KT730-3024, KT730-3027, KT730-3028, KT730-3034, KT730-3035, KT730-3058
- **KT735 Series:** KT735-3011, KT735-3016, KT735-3019, KT735-3023, KT735-3025, KT735-3026, KT735-3027, KT735-3035, KT735-3037, KT735-3038, KT735-3043, KT735-3074
- **KT740 Series:** KT740-3037, KT740-3038, KT740-3039, KT740-3040, KT740-3041, KT740-3043, KT740-3044, KT740-3048, KT740-3049, KT740-3050, KT740-3054, KT740-3067, KT740-3075, KT740-3088
- **KT745 Series:** KT745-3018, KT745-3019, KT745-3026, KT745-3029, KT745-3036, KT745-3037, KT745-3038, KT745-3039, KT745-3044, KT745-3050, KT745-3054, KT745-3058, KT745-3060, KT745-3075, KT745-3090, KT745-3091



Image: Detailed list of compatible Kohler engine models for the CULMKARI Carburetor.

3. Package Contents

The package includes the CULMKARI Carburetor and necessary gaskets for a complete and secure installation.



Image: The CULMKARI Carburetor shown with the accompanying gaskets and mounting hardware.

4. 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 turned off and cooled down before beginning any work.
- Disconnect the spark plug wire to prevent accidental starting.
- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Work in a well-ventilated area.
- Keep flammable materials away from the work area.
- Refer to your engine's specific service manual for additional safety guidelines.

5. Installation Instructions

The CULMKARI Carburetor is designed for easy installation. However, if you are unfamiliar with engine repair, it is recommended to seek assistance from a qualified technician.

1. **Preparation:** Ensure the engine is off, cool, and the spark plug wire is disconnected. Clean the area around the existing carburetor to prevent debris from entering the engine.
2. **Remove Old Carburetor:**
    - Carefully disconnect the fuel line, throttle linkage, and choke linkage from the old carburetor.
    - Unbolt the old carburetor from the engine manifold. Note the position of any gaskets or spacers.
    - Remove the old carburetor and discard old gaskets.
3. **Install New Carburetor:**
    - Place new gaskets in their correct positions on the engine manifold and air filter housing.
    - Mount the new CULMKARI Carburetor onto the engine, ensuring it aligns properly with the mounting studs.
    - Secure the carburetor with the bolts, tightening them evenly.
4. **Reconnect Components:**
    - Reconnect the fuel line, ensuring a secure fit and no leaks.
    - Attach the throttle linkage and choke linkage to the new carburetor. Verify smooth operation of both.
    - Reconnect the spark plug wire.
5. **Final Checks:** Double-check all connections for tightness and proper routing. Inspect for any fuel leaks before starting the engine.



Image: A CULMKARI Carburetor shown in an installed position on an engine, illustrating the connection points.

6. Operating Instructions

After successful installation, follow your engine manufacturer's guidelines for starting and operating your equipment. The carburetor is pre-set for optimal performance. No adjustments are typically required for standard operation.

- Ensure the fuel tank contains fresh, clean fuel.
- Engage the choke if required for cold starts, as per your engine's manual.
- Start the engine and allow it to warm up.
- Disengage the choke once the engine runs smoothly.

7. Maintenance

Regular maintenance of your engine and its components, including the carburetor, will ensure longevity and reliable performance.

- **Fuel System:** Use clean, fresh fuel. Consider using a fuel stabilizer if the equipment is stored for extended periods.
- **Air Filter:** Regularly inspect and clean or replace the air filter to prevent dirt from entering the carburetor.
- **Fuel Filter:** Check and replace the fuel filter periodically to ensure a clean fuel supply to the carburetor.
- **Cleaning:** If the carburetor becomes clogged due to stale fuel or debris, it may require cleaning. This typically involves disassembling the carburetor and cleaning jets and passages with carburetor cleaner. Professional service is recommended for complex cleaning.

8. Troubleshooting

If you experience issues after installing the new carburetor, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Engine won't start	No fuel, clogged fuel filter, incorrect choke setting, spark plug issue.	Check fuel level, replace fuel filter, adjust choke, inspect/replace spark plug.
Engine runs rough/stalls	Dirty carburetor jets, air leak, old fuel, incorrect idle speed.	Clean carburetor, check for air leaks around gaskets, use fresh fuel, consult engine manual for idle adjustment.
Fuel leaks	Improperly seated gaskets, loose fuel line, damaged float.	Re-check gasket installation, tighten fuel line clamps, inspect carburetor float.

If problems persist, contact customer support or a certified service technician.

9. Specifications

- **Brand:** CULMKARI
- **Part Numbers Replaced:** 16-853-19S, 32-853-63S (and equivalents)
- **Flange Type:** Bolt On
- **Engine Compatibility:** Kohler KT725, KT730, KT735, KT740, KT745 series (20HP-25HP)
- **Included:** Carburetor, Gaskets

10. Warranty and Support

CULMKARI is committed to customer satisfaction. If you have any questions regarding the installation, operation, or compatibility of your carburetor, please contact our customer service team.

- **Customer Service:** Experienced representatives are available to resolve inquiries promptly.
- **Technical Support:** Professional technicians can provide assistance anytime.

Please refer to your purchase documentation for specific warranty terms and contact information.

© 2024 CULMKARI. All rights reserved.

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

Open the live page

https://manuals.plus/asin/B093BX4P3Y

More documents and user manuals: **https://manuals.plus/**