

## COMETIC C7288

# COMETIC C7288 Hi-Performance Off-Road Gasket/Seal Instruction Manual

Model: C7288

## INTRODUCTION

This manual provides essential information for the proper use, installation, and maintenance of your COMETIC C7288 Hi-Performance Off-Road Gasket/Seal. Adhering to these instructions will help ensure optimal performance and longevity of the product within your engine system. This gasket is designed for high-performance off-road applications.

## PRODUCT OVERVIEW

The COMETIC C7288 is a high-performance gasket and seal set engineered for demanding off-road conditions. It is designed to provide a reliable seal in critical engine areas, contributing to the overall efficiency and durability of the engine.

- **Professional Grade:** Gaskets and gasket sets are utilized by professionals in high-performance machines and as original equipment (OE) replacements globally.
- **Complete Application Set:** Each package contains the correct number of gaskets required for one complete application.
- **Top and Bottom End Kits:** Available in both top and bottom end gasket kits.
- **Top End Kit Contents:** Top end gasket kits typically include the correct base gasket, head gasket, cylinder O-rings, and other specific O-rings or seals necessary for the top end assembly.
- **Manufacturing Origin:** Proudly manufactured in the U.S.A.



**Image 1:** An assortment of gaskets and seals from the Cometic C7288 kit, including a large head gasket, smaller O-rings, and other sealing components, laid out on a white background.

## INSTALLATION GUIDELINES

Proper installation is critical for the performance and longevity of the C7288 gasket set. It is recommended that installation be performed by a qualified technician. Always refer to your vehicle's specific service manual for detailed torque specifications and assembly procedures.

- 1. Surface Preparation:** Ensure all mating surfaces are thoroughly cleaned and free from old gasket material, oil, grease, dirt, and any imperfections. Use a suitable gasket scraper and cleaning solvent. Surfaces must be smooth and flat.
- 2. Inspection:** Carefully inspect all components for any damage or defects before installation. Verify that the correct gasket is being used for each specific application point.
- 3. Placement:** Position the gaskets and seals accurately on their respective mating surfaces. Avoid stretching or distorting the gaskets during placement.
- 4. Fastener Torque:** Install fasteners (bolts, nuts) according to the manufacturer's specified torque sequence and values. Over-tightening or under-tightening can lead to gasket failure. Use a calibrated torque wrench.
- 5. Lubrication (if applicable):** Some seals or O-rings may require a light coat of engine oil or assembly lubricant before installation. Consult your vehicle's service manual.
- 6. Final Checks:** After assembly, perform a visual inspection to ensure all components are correctly seated and secured.

**Note:** The C7288 kit is designed for specific engine applications. Using it in an incompatible engine may lead to

improper sealing and engine damage.

## OPERATING CONSIDERATIONS

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Once installed, the COMETIC C7288 gasket set functions as a critical sealing component within your engine. Its primary role is to prevent the leakage of fluids (oil, coolant) and combustion gases between engine components, maintaining proper compression and lubrication.

- **Engine Break-in:** Follow the engine manufacturer's recommended break-in procedures after any major engine work involving gasket replacement.
- **Temperature Management:** Ensure the engine operates within its normal temperature range. Overheating can severely compromise gasket integrity.
- **Fluid Levels:** Regularly check engine oil and coolant levels. Low fluid levels can lead to overheating and increased stress on gaskets.

## MAINTENANCE

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While gaskets themselves do not typically require direct maintenance, their longevity is heavily dependent on the overall health and maintenance of the engine system they seal.

- **Regular Fluid Changes:** Adhere to the manufacturer's schedule for oil and coolant changes. Contaminated or degraded fluids can accelerate wear on engine components and seals.
- **Cooling System Health:** Maintain a properly functioning cooling system. Ensure the radiator is clean, the thermostat operates correctly, and the coolant is at the appropriate level and concentration.
- **Engine Tuning:** Keep the engine properly tuned to prevent excessive combustion temperatures or pressures that can stress gaskets.
- **Leak Checks:** Periodically inspect the engine for any signs of fluid leaks around gasketed areas. Early detection can prevent more significant issues.

## TROUBLESHOOTING

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If you suspect a gasket issue, observe the following common symptoms:

- **Fluid Leaks:** Visible oil, coolant, or fuel leaks around engine seams or components.
- **Overheating:** Persistent engine overheating, which can be a symptom of a blown head gasket allowing combustion gases into the cooling system.
- **White Smoke from Exhaust:** May indicate coolant burning in the combustion chamber due to a head gasket failure.
- **Blue Smoke from Exhaust:** Could indicate oil burning, potentially from valve cover or other oil-sealing gasket failures.
- **Loss of Engine Power/Misfires:** A compromised head gasket can lead to a loss of compression in one or more cylinders.
- **Contaminated Fluids:** Oil in the coolant (milky appearance) or coolant in the oil (milky oil on dipstick or under oil cap) are strong indicators of internal gasket failure.

If any of these symptoms are observed, it is recommended to consult a qualified mechanic for diagnosis and repair.

## SPECIFICATIONS

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<b>Brand</b>	COMETIC
<b>Model Number</b>	C7288
<b>Item Weight</b>	2.56 ounces
<b>Product Dimensions</b>	9.5 x 8 x 0.25 inches
<b>Manufacturer Part Number</b>	C7288
<b>OEM Part Number</b>	C7288
<b>Included Components</b>	Gaskets for top end KTM

## WARRANTY AND SUPPORT

Specific warranty information for the COMETIC C7288 Hi-Performance Off-Road Gasket/Seal is not provided in this manual. For details regarding product warranty, technical support, or further assistance, please contact COMETIC directly through their official website or customer service channels.

Always ensure you are purchasing genuine COMETIC products from authorized dealers to ensure product authenticity and eligibility for support.