

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Acerbis](#) /
- › [Acerbis 003083 Right Fuel Petcock Instruction Manual](#)

### Acerbis 003083 (Part No. 20442-30998, Model: RUBINETTO DESTRO)

# Acerbis 003083 Right Fuel Petcock Instruction Manual

Model: 003083 (Part No. 20442-30998, Model: RUBINETTO DESTRO)

## 1. PRODUCT OVERVIEW

The Acerbis 003083 Right Fuel Petcock is a component designed for motorcycle fuel systems, specifically for controlling the flow of fuel from the tank. This petcock features a right-side orientation for installation and includes a fuel filter to prevent contaminants from entering the engine. It provides essential functionality for managing fuel supply to the carburetor or fuel injection system.

## 2. SAFETY INFORMATION

- Always ensure the motorcycle engine is cool before attempting any installation or maintenance on the fuel system.
- Work in a well-ventilated area to avoid inhaling fuel vapors.
- Keep open flames, sparks, and other ignition sources away from the work area when handling fuel.
- Wear appropriate personal protective equipment, including gloves and eye protection.
- Ensure the fuel tank is drained or fuel flow is completely shut off before removing the old petcock or installing the new one.
- Dispose of fuel and related materials according to local environmental regulations.
- If you are unsure about any step, consult a qualified motorcycle mechanic.

## 3. PACKAGE CONTENTS

Verify that all components are present and undamaged before proceeding with installation.

- 1x Acerbis 003083 Right Fuel Petcock assembly
- 2x Mounting screws
- 1x O-ring seal



This image displays the Acerbis 003083 Right Fuel Petcock, which includes the main valve body, a fuel filter tube extending from the bottom, a black lever for fuel flow control, two mounting screws, and a black O-ring for sealing.

## 4. SETUP AND INSTALLATION

---

Proper installation is crucial for safe and reliable operation. If you are not experienced with motorcycle maintenance, it is recommended to seek professional assistance.

1. **Prepare the Motorcycle:** Park the motorcycle on a level surface. Ensure the engine is off and cool. Turn the existing fuel petcock to the OFF position (if applicable) and drain the fuel tank completely into an approved container.
2. **Remove Old Petcock:** Disconnect the fuel line from the old petcock. Carefully unbolt and remove the old petcock from the fuel tank. Be prepared for any residual fuel.
3. **Clean Mounting Surface:** Thoroughly clean the mounting surface on the fuel tank to ensure a proper seal for the new petcock. Remove any old gasket material or debris.
4. **Install New O-ring:** Place the new O-ring seal onto the Acerbis 003083 petcock, ensuring it is seated correctly in the groove.
5. **Mount the Petcock:** Position the new petcock onto the fuel tank's mounting holes. Insert the provided mounting screws and tighten them evenly and securely. Do not overtighten, as this can damage the petcock or tank.
6. **Connect Fuel Line:** Reconnect the fuel line to the outlet barb of the new petcock. Ensure the connection is secure and free of leaks. Use a new fuel line clamp if necessary.
7. **Refill Fuel Tank:** Carefully refill the fuel tank with the appropriate type of fuel.
8. **Check for Leaks:** Turn the petcock to the ON position and inspect all connections for any fuel leaks. Address any leaks immediately before operating the motorcycle.

## 5. OPERATING INSTRUCTIONS

---

The Acerbis 003083 Fuel Petcock typically features three positions to control fuel flow:

- **ON:** This position allows fuel to flow from the main fuel supply in the tank to the engine. Use this for normal operation.
- **OFF:** This position completely stops the flow of fuel. Always turn the petcock to OFF when the motorcycle is parked for an extended period, during transport, or when performing maintenance.
- **RES (Reserve):** This position accesses a small reserve of fuel at the bottom of the tank. Use this only when the main fuel supply is depleted. Refuel as soon as possible after switching to RES.

Familiarize yourself with the specific markings on your petcock for each position.

## 6. MAINTENANCE

---

Regular inspection and maintenance will ensure the longevity and proper function of your fuel petcock.

- **Visual Inspection:** Periodically check the petcock for any signs of fuel leaks, cracks, or damage to the body or lever.
- **Fuel Line Inspection:** Inspect the fuel line connected to the petcock for cracks, hardening, or deterioration. Replace if necessary.
- **Filter Cleaning:** The internal fuel filter tube can become clogged over time. If fuel flow is restricted, carefully remove the petcock (following installation steps in reverse) and clean the filter screen with appropriate fuel system cleaner or replace it if damaged.
- **O-ring Replacement:** If leaks occur around the mounting surface, the O-ring seal may need to be replaced.
- **Lever Operation:** Ensure the petcock lever moves smoothly between positions and clicks securely into place.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Fuel Leakage	Damaged O-ring, loose mounting screws, cracked petcock body, faulty fuel line connection.	Tighten mounting screws, replace O-ring, inspect petcock for damage and replace if necessary, secure or replace fuel line.
Restricted Fuel Flow	Clogged fuel filter, petcock in OFF position, kinked fuel line.	Clean or replace fuel filter, ensure petcock is in ON or RES position, inspect and straighten fuel line.
Petcock Lever Stiff/Stuck	Internal corrosion or debris, worn mechanism.	Attempt to free with gentle force (do not break), if persistent, replacement may be necessary.

## 8. SPECIFICATIONS

Feature	Detail
Brand	Acerbis
Model Number	20442-30998
Product Model Name	RUBINETTO DESTRO
Product Dimensions (L x W x H)	30.5 x 15.2 x 5.1 cm (approx.)
Item Weight	0.28 g <i>(Note: This weight appears unusually low; please verify with product packaging if critical.)</i>
Material	Polyester <i>(Note: Fuel petcocks are typically metal; please verify this material specification.)</i>
Fuel Type	Petrol (Benzine)
Vehicle Service Type	Motorcycle
UPC	886687022609

## 9. WARRANTY INFORMATION

Acerbis products are manufactured to high standards. For specific warranty details, please refer to the documentation included with your purchase or visit the official Acerbis website. General warranty terms typically cover manufacturing defects for a limited period from the date of purchase. Damage resulting from improper installation, misuse, or normal wear and tear is usually not covered.

## 10. SUPPORT AND CONTACT

If you require further assistance, have questions regarding installation, or need to report an issue, please contact Acerbis customer support through their official website or authorized dealers. When contacting support, please have your product model number (20442-30998) and purchase information readily available.

