

Motorcraft FC1032

Motorcraft FC1032 Fuel Cap Instruction Manual

Model: FC1032 | Brand: Motorcraft

1. OVERVIEW

The Motorcraft FC1032 Fuel Cap is designed to provide a secure seal for your vehicle's fuel tank. A properly functioning fuel cap is crucial for preventing fuel evaporation, maintaining fuel system pressure, and ensuring your vehicle's emissions control system operates correctly. This cap is engineered to meet original equipment specifications for fit, form, and function.

2. PRODUCT FEATURES

- **Resists abrasion and corrosion:** Constructed with durable materials to withstand harsh automotive environments.
- **Maximizes performance:** Ensures proper fuel system sealing for optimal vehicle operation.
- **Made from high-quality materials:** Designed for longevity and reliability.
- **Easy installation:** Engineered for a straightforward replacement process.
- **Ensures lasting durability:** Built to provide extended service life.

3. INSTALLATION INSTRUCTIONS

Follow these steps to properly install your new Motorcraft FC1032 Fuel Cap:

1. Remove the Old Fuel Cap:

Locate your vehicle's fuel filler door and open it. Unscrew the existing fuel cap by turning it counter-clockwise until it is completely loose. If your old cap has a tether, carefully detach it from the vehicle or discard the old cap and tether if it's damaged.



Image: Motorcraft FC1032 Fuel Cap shown with its original packaging.

2. Inspect the Fuel Filler Neck:

Before installing the new cap, inspect the fuel filler neck for any dirt, debris, or damage. Ensure the sealing surface is clean and smooth to allow for a proper seal.

3. Install the New Fuel Cap:

Align the new Motorcraft FC1032 Fuel Cap with the fuel filler neck. Turn the cap clockwise. Continue turning until you hear several clicks. This indicates that the cap is securely tightened and the sealing mechanism is engaged. The cap features a tether to prevent loss.



Image: Close-up view of the Motorcraft FC1032 Fuel Cap, highlighting the "TIGHTEN UNTIL CLICKS" instruction.



Image: Underside of the Motorcraft FC1032 Fuel Cap, displaying the internal sealing components.

4. Verify Proper Sealing:

After installation, ensure the cap is flush with the fuel filler opening and does not feel loose. A properly installed cap will prevent fuel vapors from escaping.

Installation Video Guide:

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Video: Demonstrates the use and installation method of a fuel tank cap.

4. OPERATING INSTRUCTIONS

To operate the fuel cap correctly:

- **Opening:** Turn the cap counter-clockwise until it loosens and can be removed.
- **Closing:** Place the cap back onto the fuel filler neck and turn clockwise. Continue turning until you hear an audible clicking sound. This ensures a proper seal.
- **Tether Usage:** The integrated tether keeps the cap attached to the vehicle during refueling, preventing loss or misplacement.

5. MAINTENANCE

Regular maintenance helps prolong the life of your fuel cap and ensures proper function:

- **Inspection:** Periodically inspect the fuel cap's rubber gasket for cracks, tears, or signs of wear. A damaged gasket can compromise the seal.
- **Cleaning:** Keep the fuel cap and the surrounding filler neck area clean from dirt, dust, and fuel residue. Use a mild soap and water solution if necessary, and ensure it is completely dry before re-installing.
- **Avoid Over-tightening:** While it's important to tighten until clicks are heard, excessive force can damage the cap's internal mechanism or the filler neck threads.

6. TROUBLESHOOTING

If you experience issues with your fuel cap, consider the following:

- **Check Engine Light (CEL) / EVAP System Error:** A common cause for a "Check Engine Light" related to the EVAP (Evaporative Emission Control) system is a loose, damaged, or missing fuel cap.
 - Ensure the fuel cap is tightened until multiple clicks are heard.
 - Inspect the cap's gasket for any visible damage.
 - If the light persists after ensuring the cap is properly sealed, consult a qualified mechanic as there may be other issues with the EVAP system.
- **Difficulty Tightening/Loosening:** If the cap is hard to turn, check for debris in the filler neck threads or on the cap itself. Clean as necessary. Do not force the cap.

7. SPECIFICATIONS

Attribute	Detail
Brand	Motorcraft
Model Number	FC1032
Material	Plastic
Color	Black/White
Item Dimensions (L x W x H)	4.1 x 4.1 x 3.5 inches
Item Weight	3.03 ounces
OEM Part Number	FC1032
Automotive Fit Type	Universal Fit

8. WARRANTY AND SUPPORT

For specific warranty information regarding your Motorcraft FC1032 Fuel Cap, please refer to the documentation included with your purchase or contact Motorcraft customer support directly. Keep your proof of purchase for warranty claims. For technical assistance or further inquiries, please visit the official Motorcraft website or consult an authorized service center.