

Camco 40312

Camco RV Magnetic Bumper Cap with Lug Fitting (Model 40312) Instruction Manual

[Overview](#)[Setup](#)[Operation](#)[Maintenance](#)[Troubleshooting](#)[Specifications](#)[Warranty](#)[Support](#)

1. PRODUCT OVERVIEW

The Camco Magnetic RV Bumper Cap with Lug Fitting is designed to secure your RV sewer hose within a 4-inch square bumper. It features high-strength neodymium magnets to keep the cap firmly in place and a bayonet-style lug fitting for easy connection and removal of your sewer hose. Small vent holes are integrated to provide airflow and act as an insect screen.

- **Easy Sewer Hose Removal:** Allows for secure pulling of the sewer hose from the RV bumper by the cap.
- **Compatibility:** Designed for most metal 4-inch square RV bumpers. The lugs are compatible with Camco bayonet-style sewer hose fittings.
- **Magnetic Securement:** Equipped with high-strength neodymium magnets for reliable attachment.
- **Ventilation and Protection:** Features small vent holes for airflow, which also serve as an insect screen.
- **Quantity:** This product is supplied as a 2-pack.

2. SETUP INSTRUCTIONS

Follow these steps to properly install the Camco RV Magnetic Bumper Cap and connect your sewer hose.

2.1 Installing the Bumper Cap

1. **Prepare the Bumper:** Ensure your RV's 4-inch square bumper opening is clean and free of debris.
2. **Insert the Cap:** Align the magnetic bumper cap with the opening of your RV's square bumper.
3. **Secure the Cap:** Push the cap firmly into the bumper opening until the magnets engage and hold it securely in place. The magnets are designed to provide a strong hold during travel.



Figure 2.1: A hand is shown inserting the black Camco Magnetic RV Bumper Cap, with its orange internal lug fitting, into the end of a silver RV bumper. This demonstrates the initial installation step.

2.2 Connecting the Sewer Hose

1. **Retrieve Hose:** If your sewer hose is stored inside the bumper, pull it out slightly.
2. **Align Fitting:** Take the bayonet-style fitting of your Camco sewer hose and align it with the lug fitting inside the bumper cap.
3. **Twist to Lock:** Twist the sewer hose fitting onto the bumper cap's lugs until it locks securely. This connection allows the cap to pull the hose out when removed.

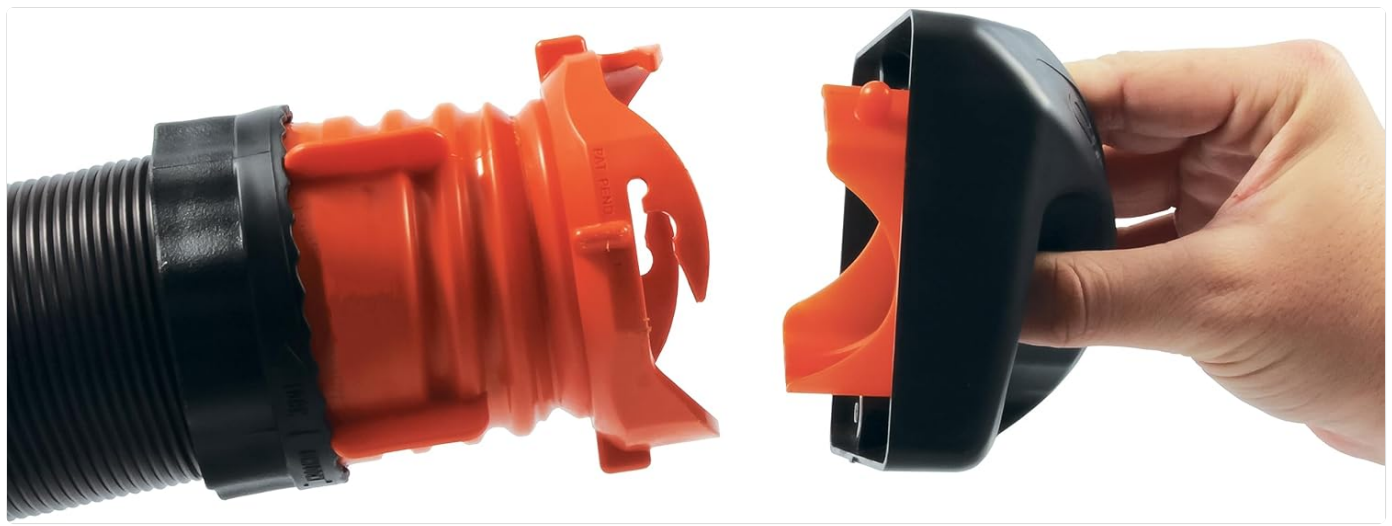


Figure 2.2: A black corrugated sewer hose with an orange bayonet fitting is shown being connected to the orange lug fitting of the black Camco Magnetic RV Bumper Cap. This illustrates how the sewer hose attaches to the cap for secure storage and retrieval.

3. OPERATING INSTRUCTIONS

The Camco Magnetic RV Bumper Cap simplifies the storage and retrieval of your RV sewer hose.

3.1 Removing the Sewer Hose

1. **Grasp the Cap:** Firmly grasp the exterior of the magnetic bumper cap.
2. **Pull to Remove:** Pull the cap straight out from the RV bumper. If the sewer hose is attached to the cap, it will be pulled out of the bumper along with the cap.
3. **Disconnect Hose:** Once the desired length of hose is retrieved, twist and unlock the sewer hose fitting from the bumper cap.

3.2 Storing the Sewer Hose

1. **Connect Hose to Cap:** Ensure your sewer hose bayonet fitting is securely locked onto the bumper cap's lug fitting.
2. **Insert into Bumper:** Push the sewer hose and attached cap back into the RV bumper opening.
3. **Secure Cap:** Ensure the cap is fully seated and the magnets have engaged to hold it in place.

4. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your bumper cap.

- **Cleaning:** Periodically clean the bumper cap with mild soap and water to remove dirt and debris. Ensure the vent holes remain clear.
- **Magnet Inspection:** Check the neodymium magnets for any signs of damage or corrosion. Ensure they are firmly seated within the cap.
- **Lug Fitting Inspection:** Inspect the bayonet lug fitting for wear or damage. A damaged fitting may not securely hold the sewer hose.
- **Vent Hole Check:** Verify that the small vent holes are not obstructed, allowing for proper airflow and insect screening.





Figure 4.1: The left image shows the exterior of the black bumper cap with its vent holes and "MAG-CAP" branding. The right image displays the interior, highlighting the orange lug fitting and the four circular magnets embedded in the corners. These views are useful for maintenance checks.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Cap does not stay securely in bumper.	Weak or damaged magnets; bumper opening is not standard 4-inch square; debris in bumper opening.	• Inspect magnets for damage. • Ensure bumper opening is clean. • Verify bumper dimensions are compatible (4-inch square).

Problem	Possible Cause	Solution
Sewer hose does not attach securely to the cap.	Damaged lug fitting on cap; incompatible sewer hose fitting; debris in fitting.	• Clean both the cap's lug fitting and the hose's bayonet fitting. • Ensure the sewer hose has a standard Camco bayonet-style fitting. • Inspect fittings for damage; replace if necessary.
Difficulty pulling sewer hose out with the cap.	Hose is stuck or tangled inside the bumper; cap not securely attached to hose.	• Ensure the sewer hose is properly connected and locked to the cap. • Gently pull the cap, avoiding excessive force. If resistance is met, try to free the hose from the other end of the bumper if accessible.

6. PRODUCT SPECIFICATIONS

Brand	Camco
Model Number	40312
Material	Plastic (Cap), Neodymium (Magnets)
Color	Black (Cap), Orange (Lug Fitting)
Compatibility	Most metal 4-inch square RV bumpers; Camco bayonet-style sewer hose fittings
Item Weight	0.35 kg (per 2-pack)
Included Components	(2) Camco RV Magnetic Bumper Caps
UPC	014717403122

7. WARRANTY INFORMATION

The Camco RV Magnetic Bumper Cap (Model 40312) comes with a**Limited 1-Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. For specific details regarding warranty claims and coverage, please refer to the official Camco website or contact Camco customer support.

8. CUSTOMER SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please contact Camco customer service:

- **Website:** Visit the official Camco website for FAQs and support resources.
- **Contact Information:** Refer to the product packaging or the Camco website for current contact details (phone number, email).

When contacting support, please have your product model number (40312) and purchase information 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