

Dometic 385880068

Dometic Motor Assembly Kit 12V for MasterFlush Toilets

Model: 385880068

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1. INTRODUCTION

This manual provides essential instructions for the installation, operation, maintenance, and troubleshooting of the Dometic Motor Assembly Kit 12V, Model 385880068. This kit is designed as a replacement motor assembly for Dometic MasterFlush marine and RV toilets, ensuring proper maceration and waste disposal. Please read this manual thoroughly before attempting any installation or service to ensure safe and correct operation.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions could result in serious injury, property damage, or death.

- Always disconnect all power to the toilet system before performing any installation, maintenance, or troubleshooting.
- Ensure the work area is well-ventilated.
- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection.
- All electrical work should be performed by a qualified technician in accordance with local codes and regulations.
- Do not operate the motor assembly if it is damaged or if any parts are missing.
- Keep children and unauthorized personnel away from the work area.

3. SETUP AND INSTALLATION

This section outlines the general steps for replacing the motor assembly. Refer to your specific Dometic MasterFlush toilet model's service manual for detailed, model-specific instructions and diagrams.

1. Prepare the System:

- Turn off all electrical power to the toilet system at the main breaker.
- Close the water supply valve to the toilet.
- Flush the toilet to empty as much water as possible from the bowl and discharge line.
- Disconnect the water supply line from the toilet.

- Disconnect the discharge hose from the toilet. Be prepared for residual water.

2. Remove Old Motor Assembly:

- Carefully detach the toilet from its mounting base, if necessary, to access the motor assembly.
- Disconnect the electrical wiring from the old motor assembly. Note the wiring configuration for reassembly.
- Unfasten the bolts or clamps securing the old motor assembly to the toilet base or macerator housing.
- Remove the old motor assembly.

3. Install New Motor Assembly:

- Ensure all mating surfaces are clean and free of debris. Replace any worn gaskets or seals.
- Position the new Dometic Motor Assembly Kit 12V (Model 385880068) into the toilet base or macerator housing.
- Secure the new motor assembly using the appropriate bolts or clamps, ensuring a tight and leak-free fit.
- Reconnect the electrical wiring to the new motor assembly, matching the configuration noted during removal. Ensure all connections are secure and insulated.

4. Reconnect and Test:

- Reattach the discharge hose and water supply line. Ensure all connections are tight to prevent leaks.
- Open the water supply valve.
- Restore electrical power to the toilet system.
- Perform several test flushes, checking for proper operation of the macerator and pump, and inspecting for any leaks.

Note: No product images or videos are available for embedding in this manual.

4. OPERATING PRINCIPLES

The Dometic Motor Assembly Kit 12V is the core component responsible for the maceration and pumping functions of your MasterFlush toilet. When the flush button is activated, the 12V motor powers the macerator blades to liquefy waste and toilet paper, and simultaneously drives the pump to discharge the macerated waste through the plumbing system to the holding tank. Proper operation relies on a stable 12V power supply and adequate water flow to the toilet. Avoid flushing non-biodegradable items, excessive toilet paper, or foreign objects, as this can damage the macerator blades and motor.

5. MAINTENANCE

Regular maintenance helps ensure the longevity and efficient operation of your Dometic Motor Assembly.

- **Regular Cleaning:** Use toilet bowl cleaners specifically designed for marine or RV toilets. Avoid harsh chemicals that can damage rubber seals or plastic components.
- **Winterization (if applicable):** If the toilet system is subject to freezing temperatures, follow the toilet manufacturer's winterization procedures, which typically involve flushing with non-toxic antifreeze.
- **Inspect Wiring:** Periodically check electrical connections for corrosion or looseness. Ensure all wiring is securely fastened and insulated.
- **Check for Leaks:** Regularly inspect all plumbing connections around the motor assembly for any signs of leaks. Address leaks promptly to prevent water damage.
- **Avoid Foreign Objects:** Educate users on what can and cannot be flushed. Foreign objects are a primary cause of macerator damage.

6. TROUBLESHOOTING

Before attempting any troubleshooting, ensure all power is disconnected from the toilet system.

Problem	Possible Cause	Solution
Motor does not run when flushed.	No power, tripped breaker, loose wiring, faulty flush switch, motor failure.	Check power supply and breaker. Inspect wiring connections. Test flush switch. If motor is confirmed faulty, replacement may be necessary.
Motor runs but does not pump waste.	Clogged discharge line, foreign object in macerator, pump impeller damage.	Disconnect power. Inspect macerator for obstructions. Clear discharge line. If impeller is damaged, motor assembly replacement may be required.
Unusual noise from motor assembly.	Foreign object in macerator, worn bearings, motor malfunction.	Disconnect power. Inspect macerator for obstructions. If noise persists after clearing, motor assembly may need replacement.
Water leaks from motor assembly area.	Loose connections, damaged seals/gaskets, cracked housing.	Disconnect power and water. Tighten connections. Replace damaged seals or gaskets. If housing is cracked, motor assembly replacement is necessary.

If you are unable to resolve an issue using these troubleshooting steps, contact Dometic customer support or a qualified service technician.

7. SPECIFICATIONS

Feature	Detail
Model Number	385880068
Brand	Dometic
Voltage	12 volts
Material	Plastic
Product Dimensions (W x H)	16.5 cm x 12.7 cm (6.5 in x 5 in)
Item Weight	2.04 kg (4.5 lbs)
UPC	713814074432
Compatibility	Designed for Dometic MasterFlush toilets

8. WARRANTY & SUPPORT

For specific warranty information regarding your Dometic Motor Assembly Kit 12V, please refer to the warranty documentation included with your original Dometic MasterFlush toilet or contact Dometic customer support directly. Warranty terms and conditions may vary by region and purchase date.

For technical assistance, replacement parts, or further inquiries, please visit the official Dometic website or contact their customer service department. Have your product model number (385880068) and purchase details ready when contacting support.

Note: No official product videos are available for embedding in this manual.

ASK A QUESTION ABOUT THIS MANUAL

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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.

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