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› MotorPower Care DPF Cleaner Kit (Model 803) User Manual

MotorPower Care 803

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Brand: MotorPower Care | Model: 803

1. INTRODUCTION AND PRODUCT OVERVIEW

The MotorPower Care DPF Cleaner Kit (Model 803) provides an effective solution for cleaning Diesel Particulate Filters (DPF) and catalytic converters without the need for disassembling the components. This kit utilizes advanced foam cleaning technology and a diesel additive to reduce soot, ash, and carbon deposits, thereby improving fuel economy and restoring vehicle performance. It is designed for ease of use and is a high-quality cleaner made in Germany.



Image 1.1: MotorPower Care DPF Cleaner Kit, including foam cleaner and diesel additive.

2. SAFETY INFORMATION

Please read and understand all safety warnings before using this product. Failure to follow these instructions may result in personal injury or property damage.

- **Age Restriction:** This product is intended for purchase and use by individuals 18 years of age or older.
- **Personal Protective Equipment:** Always wear appropriate personal protective equipment, including safety glasses and chemical-resistant gloves, during application.
- **Ventilation:** Use in a well-ventilated area to avoid inhaling fumes.
- **Skin and Eye Contact:** Avoid contact with skin and eyes. In case of contact, rinse immediately with plenty of water and seek medical advice.
- **Ingestion:** Do not ingest. If swallowed, do not induce vomiting. Seek immediate medical attention.
- **Flammability:** Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
- **Storage:** Store in a cool, dry place, out of direct sunlight and away from incompatible materials. Keep out of reach of children and pets.
- **Disposal:** Dispose of contents/container in accordance with local, regional, national, and international regulations.

3. PACKAGE CONTENTS

The MotorPower Care DPF Cleaner Kit (Model 803) typically includes the following items:

- 1 x MotorPower Care Catalytic Converter & DPF Foam Cleaner (16.9 fl oz / 500 ml aerosol can)
- 1 x MotorPower Care DPF Filter Purge Diesel Additive (16.9 fl oz / 500 ml bottle)
- 1 x Application hose/tube for the foam cleaner





Image 3.1: MotorPower Care Catalytic Converter & DPF Foam Cleaner.



Image 3.2: MotorPower Care DPF Filter Purge Diesel Additive.

4. SETUP AND PREPARATION

Before beginning the cleaning process, ensure your vehicle is prepared correctly.

1. **Vehicle Cooling:** Ensure the engine is cool to the touch. Do not apply the foam cleaner to a hot DPF or catalytic converter.
2. **Locate DPF/Catalytic Converter:** Identify the location of your vehicle's Diesel Particulate Filter (DPF) or catalytic converter. Consult your vehicle's service manual if unsure.
3. **Access Point:** Locate an appropriate access point for injecting the foam cleaner. Common access points include the temperature sensor, pressure sensor, or the DEF injector port. You may need to temporarily remove one of these sensors/injectors to create an opening.
4. **Safety Gear:** Put on your safety glasses and chemical-resistant gloves.
5. **Shake Foam Can:** Shake the MotorPower Care Catalytic Converter & DPF Foam Cleaner aerosol can thoroughly before use.

5. OPERATING INSTRUCTIONS

Follow these steps carefully for optimal cleaning results.

Step 1: Apply the Foam Cleaner

1. Attach the provided application hose securely to the nozzle of the MotorPower Care Catalytic Converter & DPF Foam Cleaner can.
2. Insert the free end of the application hose into the chosen access point of the DPF or catalytic converter. Ensure the hose reaches well into the filter structure.

3. Press the nozzle to release the foam cleaner. While spraying, slowly rotate the can and move the hose slightly to ensure even distribution of the foam throughout the filter. Continue until the entire can is empty.
4. Once the foam cleaner has been applied, remove the hose and re-install any sensors or injectors that were removed. Ensure all connections are secure.
5. Allow the foam to soak for approximately 10-15 minutes to dissolve deposits.

Step 2: Add the Diesel Additive

1. Pour the entire bottle of MotorPower Care DPF Filter Purge Diesel Additive into your vehicle's diesel fuel tank. It is recommended to add this to a nearly full tank of fuel for proper mixing and distribution.

Step 3: Initiate Regeneration Drive Cycle

After applying both products, it is crucial to perform a regeneration drive cycle to burn off the loosened soot and activate the additive.

1. Start the vehicle and allow it to idle for a few minutes.
2. Drive the vehicle on a highway or at consistent speeds (typically above 40 mph) for at least 30 minutes. Maintain engine RPMs around 2000-2500 if possible. This sustained driving helps the DPF reach the necessary temperatures for a successful regeneration process.
3. If your vehicle has a manual regeneration function, activate it after applying the foam and additive, and then proceed with the drive cycle.

The combination of the foam cleaner and the additive works to reduce the ignition temperature of soot, facilitating a more complete and efficient regeneration.



Image 5.1: Example of a DPF before cleaning, showing heavy soot accumulation.



Image 5.2: Example of a DPF after cleaning, showing clear honeycomb passages.

6. MAINTENANCE

To maintain optimal DPF performance and prevent future issues:

- **Regular Use:** This product is safe for regular use as part of your vehicle's maintenance schedule to prevent excessive soot buildup. Consult your vehicle's service intervals or use proactively if you frequently drive short distances or in stop-and-go traffic.
- **Proper Storage:** Store the cleaner kit in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure caps are tightly sealed.
- **Driving Habits:** Regularly perform longer drives at highway speeds to allow for passive DPF regeneration, which helps keep the filter clean.

7. TROUBLESHOOTING

If you encounter issues after using the DPF Cleaner Kit, consider the following:

- **Check Engine Light / DPF Warning Light Persists:**
 - Ensure the entire application process, including the regeneration drive cycle, was completed correctly.
 - Some vehicles may require multiple drive cycles or a longer drive to clear codes like P2002 (Diesel Particulate Filter Efficiency Below Threshold).
 - If the light persists, it may indicate a more severe DPF blockage or another underlying issue that requires professional diagnosis and cleaning or replacement.
- **Reduced Performance:** If vehicle performance does not improve, re-verify that the application steps were followed precisely. Ensure the additive was added to the fuel tank and a proper regeneration drive was performed.
- **No Visible Improvement:** In cases of extremely heavy or long-standing DPF blockages, a single application may not be sufficient, or the DPF may be damaged beyond chemical cleaning. Professional mechanical cleaning or replacement might be necessary.

For persistent issues, it is recommended to consult a qualified automotive technician.

8. SPECIFICATIONS

Feature	Detail
Brand	MotorPower Care
Model Number	803 (DPF cleaner Kit Motor Power Care)
Item Weight	Approximately 2 pounds (total kit)
Package Dimensions	9.72 x 5.83 x 3.31 inches
Item Form	Liquid (Foam Cleaner & Diesel Additive)
Specific Uses	Engine (Diesel Particulate Filter, Catalytic Converter)
Item Volume (each bottle)	16.91 Fluid Ounces (500 ml)
Country of Origin	Germany

9. WARRANTY AND SUPPORT

Specific warranty information for the MotorPower Care DPF Cleaner Kit (Model 803) is not provided in the product details. Please refer to the manufacturer's official website or contact their customer service for detailed warranty terms and conditions.

For product support, inquiries, or to explore other MotorPower Care products, please visit the official MotorPower Care store:

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