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ProForm 66802

Proform Deluxe Air Cleaner Assembly User Manual

Model: 66802

1. PRODUCT OVERVIEW

The Proform Deluxe Air Cleaner Assembly is designed to provide superior air filtration for your vehicle's engine while enhancing its under-hood appearance. This 10-inch round assembly features a durable steel construction with a chrome finish, a 2-inch tall air filter element, and a dropped base design for improved hood clearance. It is compatible with carburetors requiring either a 5-1/8 inch or 4-7/32 inch flange.



Figure 1: Front view of the Proform Deluxe Air Cleaner Assembly, showcasing its chrome finish and round design.

2. PACKAGE CONTENTS

Please verify that all components are present before beginning installation:

- 10-inch Chrome Air Cleaner Top
- Dropped Air Cleaner Base
- 2-inch Air Filter Element
- Mounting Stud/Threaded Rod
- Wing Nut
- Carburetor Flange Adapters (for 5-1/8 inch and 4-7/32 inch applications)

3. INSTALLATION INSTRUCTIONS

3.1. Before You Begin

- Ensure the engine is cool before starting installation.
- Gather necessary tools: basic wrenches, possibly a hacksaw or cutting tool if the mounting stud needs trimming.
- Disconnect the vehicle's battery to prevent accidental starting or electrical issues.
- Review your vehicle's specific service manual for any additional precautions related to air cleaner removal/installation.

3.2. Step-by-Step Installation

1. **Remove Existing Air Cleaner:** Carefully remove your vehicle's existing air cleaner assembly. This usually involves unfastening a wing nut or clamps and disconnecting any vacuum lines or sensors attached to the old assembly.
2. **Prepare Carburetor Flange:** Ensure the carburetor's air horn is clean and free of debris. Select the appropriate carburetor flange adapter (5-1/8 inch or 4-7/32 inch) if your carburetor requires one.
3. **Install Mounting Stud:** Thread the provided mounting stud into the center of your carburetor's air horn. Ensure it is securely hand-tightened. If the stud is too long and prevents the air cleaner top from seating properly, it may need to be carefully trimmed to size.
4. **Place Air Cleaner Base:** Position the dropped air cleaner base onto the carburetor, ensuring it sits flush and the mounting stud passes through the center hole.
5. **Insert Air Filter Element:** Place the 2-inch air filter element into the air cleaner base. Ensure it is seated correctly around the perimeter of the base.
6. **Install Air Cleaner Top:** Carefully place the chrome air cleaner top over the air filter element and onto the mounting stud. Ensure it aligns properly with the base and filter.
7. **Secure with Wing Nut:** Thread the wing nut onto the mounting stud and tighten it by hand until the air cleaner assembly is snug. Do not overtighten, as this can damage the assembly or carburetor.
8. **Final Check:** Verify that the air cleaner assembly is securely mounted and does not interfere with any other engine components or the hood when closed. Reconnect the vehicle's battery.



Figure 2: Top view of the air cleaner assembly, showing the central mounting point for the stud and wing nut.

4. OPERATION

Once installed, the Proform Deluxe Air Cleaner Assembly operates passively to filter incoming air for your engine. The air filter element traps dust, dirt, and other contaminants, preventing them from entering the carburetor and engine cylinders. This ensures clean combustion and protects internal engine components from wear. The dropped base design helps maintain proper hood clearance in vehicles where space above the carburetor is limited.

5. MAINTENANCE

5.1. Cleaning the Air Filter Element

The air filter element should be inspected regularly and cleaned or replaced as needed, depending on driving conditions and mileage. A dirty air filter can restrict airflow, reducing engine performance and fuel efficiency.

- Remove the air cleaner top and filter element.

- For paper elements, gently tap out loose debris or use compressed air (blown from the inside out) to clean. Do not use water or solvents unless the filter is specifically designed for wet cleaning.
- If the filter is heavily soiled or damaged, replace it with a new 10-inch round, 2-inch tall air filter element.
- Reinstall the clean or new filter element, base, and top, securing with the wing nut.

5.2. Inspecting Components

Periodically check the chrome finish for any signs of corrosion or damage. Ensure the air cleaner base is not bent or warped, which could affect its seal with the carburetor. Verify that the mounting stud and wing nut remain secure.

6. TROUBLESHOOTING

- **Air Cleaner Does Not Fit Carburetor:**

Ensure you are using the correct carburetor flange adapter for your application (5-1/8 inch or 4-7/32 inch). Verify that the carburetor's air horn is clear of obstructions. Some carburetors may have unique designs that require specific adapters not included, or the air cleaner base may not be compatible with all carburetor models. Refer to the product specifications for compatible flange sizes.

- **Mounting Stud Too Long:**

If the provided mounting stud is too long, preventing the air cleaner top from seating properly, it may need to be carefully cut to the appropriate length. Ensure threads are not damaged during this process.

- **Interference with Hood:**

While this assembly features a dropped base, some vehicle applications with very low hood clearance may still experience interference. Double-check the product dimensions against your vehicle's available space. Consider a shorter air filter element if available and compatible.

- **Loose Fit/Vibration:**

Ensure the wing nut is tightened securely (but not overtightened). Check that the air cleaner base sits flush on the carburetor and that the air filter element is properly seated. Excessive vibration could indicate an improper installation or a need for additional dampening material.

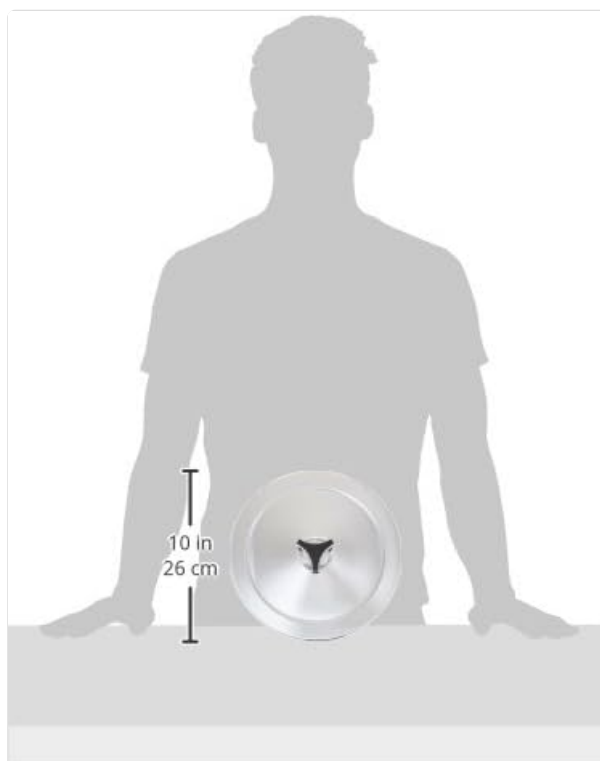


Figure 3: Diagram showing the 10-inch diameter and approximate height of the air cleaner assembly, useful for checking fitment.

7. PRODUCT SPECIFICATIONS

Attribute	Detail
Brand	ProForm
Model Number	66802
Item Weight	0.01 ounces
Product Dimensions	10 x 10 x 5.5 inches
Air Filter Element Height	2 inches
Carburetor Flange Compatibility	5-1/8 inches and 4-7/32 inches
Material	Steel, Chrome Finish
Country of Origin	Taiwan

8. WARRANTY AND SUPPORT


8.1. Warranty Information

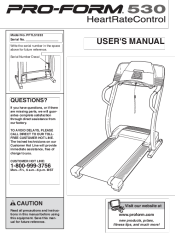




Proform products are manufactured to high standards. For specific warranty details regarding your Deluxe Air Cleaner Assembly, please refer to the warranty documentation included with your purchase or visit the official Proform website. General warranty terms typically cover defects in materials and workmanship under normal use.

8.2. Customer Support

If you have any questions regarding the installation, operation, or maintenance of your Proform Deluxe Air Cleaner Assembly, please contact Proform customer support. You can often find contact information and additional resources on the official [Proform Store Page](#) or their corporate website.

Related Documents - 66802

	<p>ProForm 705 CST Treadmill User Manual</p> <p>User manual for the ProForm 705 CST treadmill, providing assembly instructions, operating procedures, safety precautions, and maintenance guidelines.</p>
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	<p>ProForm 530 HeartRateControl Treadmill User Manual</p> <p>Comprehensive user manual for the ProForm 530 HeartRateControl treadmill (Model PFTL51232), covering assembly, operation, maintenance, troubleshooting, and exercise guidelines. Visit www.proform.com for more information.</p>
	<p>ProForm 400 SPX User's Manual</p> <p>This user manual provides instructions for the ProForm 400 SPX exercise bike, covering assembly, usage, maintenance, and troubleshooting. It includes safety precautions and exercise guidelines.</p>
	<p>PROFORM PRO 2000 Treadmill User's Manual - Assembly, Operation, and Maintenance</p> <p>Comprehensive user's manual for the PROFORM PRO 2000 treadmill (Model No. PFTL13011.0). Includes assembly instructions, operation guides, troubleshooting, exercise tips, and warranty information.</p>
	<p>ProForm 830QT Treadmill User Manual: Assembly, Operation, and Maintenance Guide</p> <p>This comprehensive user manual provides detailed instructions for the ProForm 830QT treadmill. It covers essential safety precautions, step-by-step assembly, operation and adjustment procedures, troubleshooting tips, conditioning guidelines, and a complete parts list. Learn how to set up, use, and maintain your ProForm treadmill for optimal home fitness.</p>
	<p>PROFORM 380 Treadmill User Manual: Assembly, Operation, and Maintenance</p> <p>Comprehensive user manual for the PROFORM 380 treadmill (Model PFTL49020). Includes assembly instructions, operation guides, safety precautions, troubleshooting tips, and conditioning advice.</p>