Pentair 360486

Pentair 360486 Rebel Suction-Side Inground Pool Cleaner Head Instruction Manual

Brand: Pentair | Model: 360486

1. Introduction

This manual provides essential information for the proper setup, operation, and maintenance of your Pentair 360486 Rebel Suction-Side Inground Pool Cleaner Head. Please read these instructions thoroughly before installation and use to ensure optimal performance and longevity of your pool cleaner.



Figure 1: Pentair 360486 Rebel Suction-Side Inground Pool Cleaner Head

2. Product Features

- **Genuine O.E.M. Product:** Ensures compatibility and quality with Pentair systems.
- **Reduced Cleaning Times:** Redesigned bearings contribute to up to 26% faster operation and increased product longevity.
- **Programmed Cleaning Cycle:** Guarantees complete and thorough pool cleaning coverage.
- **Sure-Flow Turbine Design:** Provides a clear passage for dirt and debris, preventing clogging common with other 2-wheel cleaners.
- **Advanced Hydraulic Technology:** Ideal for use with variable-speed and two-speed pumps at lower speeds, optimizing energy efficiency.
- **Superior Cleaning Performance:** Effective across all pool types, including gunite, vinyl, fiberglass, and tile

pools.

3. Setup and Installation

The Pentair Rebel cleaner is designed for simple installation, connecting directly to your pool's suction line or skimmer. No complex wiring or additional power sources are required as it operates using your existing pool pump's suction.

3.1. Connecting the Hose

Connect the provided hose sections to achieve the appropriate length for your pool. To determine the correct hose length, stand at the point where you will connect the cleaner (suction port or skimmer) and extend the hose to the furthest point of your pool. Add two additional hose sections to this length to ensure adequate reach and movement.

3.2. Adjusting the Throat

The cleaner includes interchangeable throats (small, medium, large) to optimize performance based on your pool pump's power. Select the throat size that matches your pump's speed and power to ensure proper debris suction and cleaner movement.

- For low-speed or variable-speed pumps, use the small or medium throat.
- For high-powered pumps, use the large throat to maximize debris intake and suction power.

Refer to the video below for a visual guide on adjusting the throat and understanding its function.

Video 1: Detailed overview of the Pentair 360486 Rebel Suction-Side Inground Pool Cleaner Head, including throat adjustment and hose connection.

3.3. Initial Placement

Once the hose is connected and the throat is adjusted, submerge the cleaner head into the pool. Ensure all air is purged from the hose before connecting it to the suction port or skimmer. The cleaner will begin to move once the pool pump is active.



Figure 2: Pentair Rebel cleaner connected to its hose, ready for submersion.

4. Operating Instructions

The Pentair Rebel cleaner operates automatically once connected to your pool's suction system and the pump is running. Its programmed cleaning cycle ensures comprehensive coverage of your pool's floor and walls.

4.1. Movement and Navigation

The cleaner features large, durable tire treads designed to navigate various pool surfaces and overcome obstacles like main drains without getting stuck. Its self-regulating swivel mechanism prevents hose tangling and allows the cleaner to change direction effectively, ensuring thorough cleaning without interruption.

Video 2: The Rebel Head Cleaner demonstrating its movement and navigation capabilities in a pool, including its ability to turn and avoid getting stuck.

4.2. Cleaning Cycle

The programmed cleaning cycle ensures the cleaner systematically covers the entire pool area. It is designed to clean both the floor and climb walls, providing a spotless finish. The Sure-Flow Turbine allows for continuous operation by preventing debris from clogging the system.



Figure 3: Diagram of the Pentair Rebel cleaner highlighting key components for optimal cleaning.

5. Maintenance

Regular maintenance ensures the longevity and efficiency of your Pentair Rebel pool cleaner. Its simple design makes parts replacement easy and cost-effective.

5.1. Debris Management

As a suction-side cleaner, the Pentair Rebel directs debris into your pool's skimmer basket and filter system. Regularly check and empty your skimmer basket to prevent reduced suction and maintain optimal cleaning performance. Consider using an inline leaf canister (sold separately) to capture larger debris before it reaches your pump basket, reducing strain on your pool's filtration system.

5.2. Inspection and Cleaning

- Periodically inspect the cleaner's tire treads for wear and tear. Worn treads can affect climbing ability and overall movement.
- Check the Sure-Flow Turbine for any obstructions. Clear any debris that may have accumulated.
- Ensure the self-regulating swivel is moving freely to prevent hose tangling.
- Rinse the cleaner head with fresh water after use, especially if using harsh pool chemicals.

6. Troubleshooting

If your Pentair Rebel cleaner is not performing as expected, review the following common issues and solutions:

- **Cleaner is not moving or moving slowly:**
  - Check your pool pump to ensure it is running and providing adequate suction.
  - Verify that the skimmer basket and pump basket are clean and free of debris.
  - Ensure the correct throat size is installed for your pump's power.
  - Inspect the hose for any leaks or blockages.
- **Cleaner is getting stuck:**
  - Confirm the hose length is appropriate for your pool (not too long or too short).
  - Check the tire treads for excessive wear; replace if necessary.
  - Ensure the self-regulating swivel is functioning correctly to prevent tangling.

- **Poor debris pickup:**
  - Verify adequate suction from your pool pump.
  - Check for clogs in the cleaner's Sure-Flow Turbine.
  - Ensure the correct throat size is installed for optimal debris intake.

7. Specifications

Feature	Detail
Brand	Pentair
Model Name	360486
Power Source	Suction-Side (Pool Pump Dependent)
Special Feature	Self Propelled, Programmed Cleaning Cycle, Sure-Flow Turbine
Assembly Required	No (Simple Installation)
Control Method	Automatic (via pool pump)
Installation Type	Simple Installation
Material	Plastic
Color	Black
Product Dimensions	12 x 12 x 12 inches
Item Weight	6.59 pounds

8. Warranty and Support

8.1. Warranty Information

The Pentair 360486 Rebel Suction-Side Inground Pool Cleaner Head comes with a**Limited Warranty**. Please refer to the warranty documentation included with your product packaging for specific terms, conditions, and duration of coverage.

8.2. Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact Pentair Customer Support. Contact information can typically be found on the Pentair website or in your product's original packaging.

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