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AVID POWER AEP200

AVID POWER Dual Action Car Buffer Polisher

Model: AEP200

Brand: AVID POWER

PRODUCT OVERVIEW

The AVID POWER 6-inch Dual Action Car Buffer Polisher is designed for effective car detailing, capable of removing swirl marks, light scratches, and oxidation from vehicles and boats. Its dual-action technology combines rotary and orbital motions to minimize paint burn risks, making it suitable for both beginners and professionals. This versatile tool can also be used for polishing wood, metal furniture, marble, and granite surfaces.



Figure 1: AVID POWER Dual Action Car Buffer Polisher with three polishing pads.

PACKAGE CONTENTS

- 1 x AVID POWER Dual Action Car Buffer Polisher
- 3 x 7-inch Polishing Pads (various grades)
- 1 x 6-inch Backing Disc
- 1 x Detachable D-Handle
- 1 x Spanner

- 1 x Hex Wrench
- 1 x User Manual

SETUP INSTRUCTIONS

Attaching the Backing Disc

1. Ensure the polisher is unplugged from the power source.
2. Align the 6-inch backing disc with the spindle on the polisher.
3. Thread the backing disc onto the spindle, turning clockwise until secure. Use the provided spanner to tighten if necessary.

Attaching the Polishing Pads

1. Select the appropriate 7-inch polishing pad for your task (e.g., cutting, polishing, finishing).
2. Align the hook-and-loop side of the polishing pad with the backing disc.
3. Press firmly to ensure the pad is securely attached to the backing disc.

Attaching the Detachable D-Handle

1. Locate the attachment points on the front of the polisher.
2. Align the D-handle with these points.
3. Insert the bolts and tighten them using the provided hex wrench. The handle can be adjusted to various angles for optimal comfort and control.

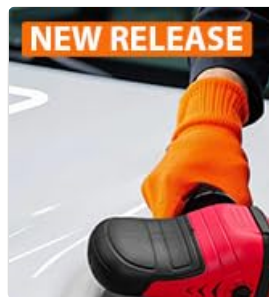


Figure 2: Proper attachment of the D-handle for enhanced grip and control.

OPERATING INSTRUCTIONS

Powering On/Off and Two-Step Activation

The polisher features a two-step activation switch to prevent accidental startup, ensuring safer operation.

1. To turn on, first push up the safety switch.
2. Then, press the power trigger.
3. To turn off, release the power trigger.

TWO-STEP ACTIVATION SWITCH

Prevents accidental startup for safer operation



Figure 3: Illustration of the two-step activation switch for safe operation.

Variable Speed Control

The polisher offers 6 variable speed settings, ranging from 2000 to 6400 RPM, allowing for precise control based on the application.

- **Speed 1-2 (Low):** Ideal for applying wax, sealants, or glaze for ultra-smooth results.
- **Speed 3-4 (Medium):** Suitable for light to moderate swirl and scratch removal.

- **Speed 4-6 (High):** Recommended for cutting heavy defects such as deep scratches and oxidation.

6 VARIABLE SPEEDS CONTROL

Adjust the speed according to different applications



1-2

Applying wax, sealants, or glaze;
Final finishing for ultra-smooth results

3-4

Light to moderate swirl & scratch removal

4-6

Cutting heavy defects (deep scratches, oxidation)

6-INCH DUAL ACTION CAR

Figure 4: Guide to variable speed settings for different detailing tasks.

Dual-Action Technology

The dual-action (DA) technology combines rotary and orbital motions, which significantly reduces the risk of burning through paint compared to traditional rotary polishers. This makes the AVID POWER polisher ideal for both beginners and experienced detailers seeking effective and safe paint correction.

RANDOM ORBITAL

Reduce paint burn risk; Perfect for every user - from first-timers to detailing pros



6-INCH DUAL ACTION CAR

Figure 5: The random orbital motion of the polisher, reducing paint burn risk.

Polishing Pad Usage

The kit includes three types of 7-inch polishing pads, each designed for specific applications:

- **Blue: Cutting Pad (Coarse):** For deep scratches and oxidation removal.
- **Orange: Polishing Pad (Medium):** For swirl and scratch correction, and gloss enhancement.
- **Yellow: Finishing Pad (Fine):** For final waxing and detailing.

Note: The 7-inch foam pads are designed to ensure the hard edge of the 6-inch backing disc does not scratch the car surface during rotation.

3 POLISHING PADS FOR DIFFERENT USES



Blue: Cutting Pad (Coarse)

For deep scratches and oxidation removal



Orange: Polishing Pad (Medium)

For Swirl & scratch correction, gloss enhancement



Yellow: Finishing Pad (Fine)

For Final Waxing and Detailing



8-INCH DUAL ACTION CAR

Figure 6: Different polishing pads and their recommended uses.

MAINTENANCE

Cleaning Polishing Pads

After each use, it is recommended to clean the polishing pads to maintain their effectiveness and prolong their lifespan. Wash the pads in warm water with a mild detergent (e.g., dish soap). Rinse thoroughly and allow them to air dry completely before storage.

General Care and Storage

- Always unplug the polisher before cleaning or performing any maintenance.
- Wipe down the polisher body with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Store the polisher and its accessories in a dry, clean place, away from direct sunlight and extreme temperatures.
- Regularly check the power cord for any signs of damage. If damaged, have it repaired by a qualified professional.

TROUBLESHOOTING

Polisher Does Not Turn On

- Ensure the power cord is securely plugged into a working electrical outlet.
- Verify that the two-step activation switch is correctly engaged (push up safety switch, then press trigger).
- Check for any tripped circuit breakers in your electrical panel.
- If the issue persists, contact customer support for assistance.

Pads Separating from Backing Disc

- Ensure the pad is firmly pressed onto the backing disc before use.
- Excessive heat or prolonged use can sometimes affect the adhesive. Allow pads to cool down between uses.
- If pads frequently separate, they may need replacement. Contact customer service for replacement pads if necessary.

SPECIFICATIONS

Feature	Detail
Model Number	AEP200
Power Source	Corded Electric
Voltage	120 Volts
Amperage	7 Amps
Maximum Power	850 Watts
Speed Range	2000-6400 RPM
Item Weight	6.6 pounds
Product Dimensions	12.8 x 2.9 x 4.9 inches
Pad Size	6-inch backing disc, 7-inch polishing pads
Material	Metal, Plastic



Figure 7: Product dimensions of the AVID POWER Polisher.

SAFETY INFORMATION

Always follow basic safety precautions when using electrical tools to reduce the risk of fire, electric shock, and personal injury.

- Wear appropriate personal protective equipment, including eye protection and hearing protection.
- Keep the work area clean and well-lit. Cluttered or dark areas invite accidents.

- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- Avoid unintentional starting. Ensure the switch is in the off-position before connecting to power, picking up or carrying the tool.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Maintain tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.

WARRANTY AND SUPPORT

AVID POWER offers a standard 2-year warranty on this product. Additionally, customers can register their product for an extra 6 months of warranty coverage, extending the total warranty period to 2.5 years. This extended warranty is not common even with many named brands, demonstrating AVID POWER's commitment to product quality and customer satisfaction.

For any product inquiries, technical support, or warranty claims, please contact AVID POWER customer service. They are known for their responsive and helpful support, often going out of their way to resolve customer issues promptly.

Protection plans are also available for purchase:

- 3-Year Protection Plan
- 4-Year Protection Plan
- Complete Protect (monthly plan covering eligible past and future purchases)

For more information, visit the [AVID POWER Store](#).