

6" RANDOM ORBITAL WAXER INSTRUCTION MANUAL



LISTED

Catalog Number W006B

BEFORE RETURNING THIS PRODUCT FOR ANY REASON PLEASE CALL 1-877-571-2391

BEFORE YOU CALL, HAVE THE CATALOG No AVAILABLE IN MOST CASES A REPRESENTATIVE CAN RESOLVE THE PROBLEM OVER THE PHONE.

SAVE THIS MANUAL FOR FUTURE REFERENCE.

SAFETY GUIDELINES / DEFINITIONS

⚠ DANGER: Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



⚠ WARNING: Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION: Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

CAUTION: Used without the safety alert symbol indicates potentially hazardous situation which, if not avoided, may result in property damage.

RISK OF UNSAFE OPERATION. When using tools or equipment, basic safety precautions should always be followed to reduce the risk of personal injury. Improper operation, maintenance or modification of tools or equipment could result in serious injury and property damage. There are certain applications for which tools and equipment are designed. Black & Decker strongly recommends that this product NOT be modified and/or used for any application other than for which it was designed. Read and understand all warnings and operating instructions before using any tool or equipment.

The label on your tool may contain the following symbols:

V	volts
A	amperes
W	watts
Hz	hertz
DC	direct current
AC	alternating current
min	minutes
.../min or ...min ⁻¹	revolutions or reciprocations per minute
n ₀	no load speed
	Class II Construction
	safety alert symbol

IMPORTANT SAFETY INSTRUCTIONS

⚠ GENERAL SAFETY WARNINGS AND INSTRUCTIONS FOR ALL TOOLS READ ALL INSTRUCTIONS

⚠ WARNING: Read all instructions before operating product. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

- **AVOID DANGEROUS ENVIRONMENTS:** Don't use tools in damp or wet locations. Don't use tools in the rain.
- **KEEP CHILDREN AWAY.** All visitors should be kept at a distance from work area.
- **STORE IDLE TOOLS INDOORS.** When not in use, tools should be stored indoors in dry, and high or locked-up place – out of reach of children.
- **DON'T FORCE TOOL.** It will do the job better and with less likelihood of a risk of injury at the rate for which it was designed.
- **USE RIGHT TOOL.** Do not use the tool for any job except that for which it is intended.
- **DRESS PROPERLY.** Do not wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and substantial, non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
- **USE SAFETY GLASSES AND OTHER SAFETY EQUIPMENT.** Use safety goggles or safety glasses with side shields, complying with applicable safety standards and, when needed, a face shield. Also use face or dust mask if operation is dusty. This applies to all persons in the work area. Also use a hard hat, hearing protection, gloves, safety shoes and dust collection systems when specified or required. Safety glasses or the like are available at extra cost at your local dealer or Black & Decker Service Center.
- **DON'T ABUSE CORD.** Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.

- **SECURE WORK.** Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.
- **DON'T OVERREACH.** Keep proper footing and balance at all times.
- **DISCONNECT TOOLS.** Disconnect the tool from the power supply when not in use, before servicing, and when changing accessories such as bonnets and the like.
- **AVOID UNINTENTIONAL STARTING.** Don't carry plugged-in tool with finger on switch. Be sure switch is off when plugging in.
- **GROUND FAULT CIRCUIT INTERRUPTER (GFCI)** protection should be provided on the circuits or outlets to be used. Receptacles are available having built in GFCI protection and may be used for this measure of safety.
- **USE OF ACCESSORIES AND ATTACHMENTS.** The use of any accessory or attachment not recommended for use with this tool could be hazardous. Refer to the accessory section of this manual for further details.
- **STAY ALERT.** Watch what you are doing. Use common sense. Do not operate tool when you are tired.
- **CHECK DAMAGED PARTS.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this instruction manual. Have defective switches replaced by authorized service center. Do not use tool if switch does not turn it ON and OFF.
- **DO NOT OPERATE** portable electric tools near flammable liquids or in gaseous or explosive atmospheres. Motors in these tools normally spark, and the sparks might ignite fumes.
- **OUTDOOR USE EXTENSION CORDS.** When tool is used outdoors, use only extension cords intended for use outdoors and so marked.
- **EXTENSION CORDS.** Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. The accompanying table shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gage. The smaller the gage number, the heavier the cord.

Volts	Minimum Gage for Cord Sets				
	Total Length of Cord in Feet				
120V	0-25 (0-7,6m)	26-50 (7,6-15,2m)	51-100 (15,2-30,4m)	101-150 (30,4-45,7m)	
	240V	0-50 (0-15,2m)	51-100 (15,2-30,4m)	101-200 (30,4-60,9m)	201-300 (60,9-91,4m)
Ampere Rating		American Wire Gage			
More Than	Not more Than				
0 -	6	18	16	16	14
6 -	10	18	16	14	12
10 -	12	16	16	14	12
12 -	16	14	12	Not Recommended	

⚠ WARNING: This product or its power cord contains lead, a chemical known to the State of California to cause cancer and birth defect or other reproductive harm. Wash hands after handling.

⚠ WARNING: RISK OF ELECTRICAL SHOCK:

Hold tool by insulated gripping surface when performing an operation where the tool may contact hidden wiring or its own cord. Contact with "live" wire will make exposed metal parts of the tool "live" and shock the operator.

⚠ CAUTION: TO REDUCE THE RISK OF INJURY OR PROPERTY DAMAGE:

- THIS UNIT IS NOT FOR USE BY CHILDREN AND SHOULD ONLY BE OPERATED BY ADULTS.
- Do not immerse unit in water.
- Do not drop or throw unit.
- Pull cord by plug rather than cord when disconnecting the unit from power source.
- Power Switch should be in the OFF position when the unit is not in use. Make sure switch is in the OFF position before connection to a power source.
- Do not crush, cut, pull or expose cord to extreme heat.
- Position cords so they do not become entangled or become a safety hazard. Keep cords away from sharp edges.
- Use in a dry location only.
- Do not open body casing. There are no user-serviceable parts inside. Opening the body casing will void manufacturer's warranty.
- Do not use any accessory that is not recommended or provided by the manufacturer.
- To avoid possible damage that may shorten the unit's working life, protect it from direct sunlight, direct heat and/or moisture.
- Do not allow power cord to contact the rotating bonnet.
- Allowing dust to get into mouth, eyes, or lay on skin may promote absorption of harmful chemicals.

ADDITIONAL SPECIFIC SAFETY INSTRUCTIONS

- ALWAYS WEAR EYE PROTECTION.
- Clean your tool out periodically.
- **⚠ WARNING:** Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:
 - lead from lead-based paints,
 - crystalline silica from bricks and cement and other masonry products, and
 - arsenic and chromium from chemically-treated lumber (CCA).

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

- Avoid prolonged contact with dust from power sanding, sawing, grinding, drilling, and other construction activities. Wear protective clothing and wash exposed areas with soap and water. Allowing dust to get into your mouth, eyes, or lay on the skin may promote absorption of harmful chemicals.

⚠ WARNING: Use of this tool can generate and/or disburse dust, which may cause serious and permanent respiratory or other injury. Always use NIOSH/OSHA approved respiratory protection appropriate for the dust exposure. Direct particles away from face and body.

CAUTION: Wear appropriate hearing protection during use. Under some conditions and duration of use, noise from this product may contribute to hearing loss.

⚠ WARNING: RISK OF PERSONAL INJURY:

- DO NOT use string tie (or drawstring) polishing pads or bonnets with this unit. Extreme personal injury may result if fingers are caught by rotating string tie. USE ONLY bonnets with elastic bands.
- Failure to properly seat the Bonnet to the pad may result in the Bonnet being thrown from the pad.
- Always maintain a firm grip on the Waxer/Polisher handle(s) to prevent loss of control.

⚠ WARNING: RISK OF PERSONAL INJURY OR PROPERTY DAMAGE:

- Use of this tool can generate and/or disburse dust, which may cause serious and permanent respiratory or other injury. Always use NIOSH/OSHA approved respiratory protection appropriate for the dust exposure. Direct particles away from face and body.

⚠ CAUTION: TO REDUCE THE RISK OF INJURY OR PROPERTY DAMAGE WHEN USING THIS WAXER/POLISHER:

- Use clamps or another practical way to secure and support the work piece to a stable platform. Holding the work by hand or against your body is unstable and may lead to loss of control.
- Do not use tool if Power Switch does not turn it ON or OFF. Any tool that cannot be controlled with the power switch is dangerous and must be repaired.
- Operate this waxer/polisher ONLY on AC current on which the voltage is within correct limits (120 volts). Never attempt to operate on DC current. To do so may seriously damage the waxer/polisher.
- Always disconnect the unit's cord plug from power source before making any adjustments, changing bonnets or storing the tool to reduce the risk of accidentally starting the waxer/polisher.
- Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the waxer/polisher's operation. If damaged, have the tool serviced before using.
- Use only accessories that are supplied or recommended by the manufacturer for this model. Refer to the "Accessories" section of this Instruction Manual for more information.
- NEVER allow Gasoline, Brake Fluids or any petroleum-based products to come in contact with plastic parts or power cord. They contain chemicals that can damage, weaken or destroy plastic and insulation.

- Read And Understand This Instruction Manual Before Using This Unit.

SAVE THESE INSTRUCTIONS

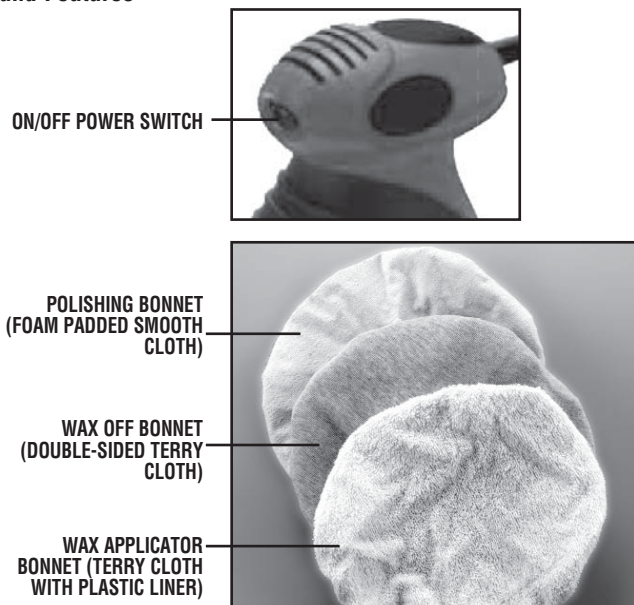
INTRODUCTION

Thank you for choosing the **Black and Decker® 6" Random Orbital Waxer**. This lightweight and easy to use waxer/polisher imitates a hand polishing motion leaving an even finish with no hot spots, streaks or swirls. The random orbital movement of the polisher oscillates as it rotates, so it is ideal for delivering a shine that ordinarily takes hours to produce by hand. Please read this guide carefully before use to ensure optimum performance and avoid damage to the unit or items that you are using it with.

FEATURES

- Powerful, high performance, quiet running motor
- Three polishing bonnets included (Wax Applicator, Wax Off and Polishing)
- Ideal for buffing cars, boats, trucks, SUVs and recreational vehicles
- Safe for all finishes, lightweight and easy to use

Controls and Features



GENERAL USAGE GUIDE

It is very important that your car be clean and dry before applying wax. Any wax protection will wear longer and protect better if applied directly to the paint.

A good quality liquid wax is recommended because of its ease of application, but a paste wax will also work with a little more effort. Hard paste wax, however, should be applied by hand, then removed using this unit.

Always use the bonnet recommended for each step (directions follow) to achieve the best results.

Any areas inaccessible to the waxer/polisher should be waxed and finished by hand.

⚠ CAUTION: TO AVOID THE RISK OF PERSONAL INJURY OR PROPERTY DAMAGE:

- MAKE SURE THE POLISHER IS IN THE OFF POSITION BEFORE PLUGGING THE POLISHER INTO AN APPROPRIATE POWER OUTLET.
- Place the power cord over your shoulder to avoid contact with the polisher head or the surface while the unit is running.
- Always start and stop waxer/polisher on or against the work surface. If you turn the waxer/polisher ON without the applicator bonnet touching your work surface, the bonnet may fly loose and cause injury or property damage. Make sure the waxer/polisher with bonnet securely attached is lightly resting on the surface you intend to polish at all times when the Power Switch is in the ON position.
- Use only manufacturer-supplied bonnets with this unit.

STEP 1: SURFACE PREPARATION

- Wash your car or surface thoroughly to remove all dirt and oil. Pay special attention to areas that attract excessive layers of dirt such as, areas around wheel wells and next to bumpers.
- After washing, move the car or surface you're working on to a dry area out of direct sunlight and allow the surface to dry and cool.

STEP 2: WAX APPLICATION

1. With the foam pad facing up, securely attach the smooth Wax Applicator Bonnet (bonnet with the plastic liner), making sure the bonnet is centered on the foam head.
2. Apply wax directly on the Wax Applicator Bonnet, adequately covering the entire bonnet, and also spread a small amount of wax to the bonnet edges.
3. Invert the waxer/polisher and place the bonnet directly on the surface you want to apply the wax to before sliding the Power Switch to the ON position.

Note: You can also substitute a good grade of cleaning compound at this step if the surface is oxidized.

4. Slide the Power Switch to the ON position and steer the waxer/polisher in long sweeping strokes in a criss-cross figure-eight pattern, working the wax/cleaner into the surface.

IMPORTANT: DO NOT APPLY PRESSURE TO THE UNIT. The weight of the polisher is adequate to do the task correctly.

5. Apply more wax to the bonnet as necessary to maintain a thin even coat on the surface being polished.

Notes: Applying more wax than necessary adds no more protection to the surface and makes the Step 3 (wax removal) more difficult.

It's easiest to apply wax to the entire surface before starting the removal phase. For best results, refer to the specific application recommendations of the wax product being used.



STEP 3: WAX REMOVAL

1. With the foam pad facing up, securely attach the terry cloth Wax Removal Bonnet (double-sided bonnet without the plastic liner), making sure the bonnet is centered on the foam head.
2. Invert the waxer/polisher and place the bonnet directly on the surface you want to remove the wax from before sliding the Power Switch to the ON position.
3. Slide the Power Switch to the ON position and follow the same long sweeping strokes in a criss-cross figure-eight motion previously described, gliding the polisher over the surface, again permitting the weight of the unit to do the work.
4. Occasionally it becomes necessary to remove the bonnet and shake out the dried polish residue to avoid streaking. Make sure the polisher is lightly resting on the surface and remains on the surface when stopping the unit and before powering up the unit again.
5. After removing the wax from all the major flat surfaces, use the edge of the pad to reach curved or concave surfaces.

STEP 4: FINISH POLISHING

1. With the foam pad facing up, securely attach the foam-padded smooth cloth Polishing Bonnet, making sure the bonnet is centered on the foam head.
2. Invert the waxer/polisher and place the bonnet directly on the surface you want to polish before sliding the Power Switch to the ON position.
3. Slide the Power Switch to the ON position and follow the same figure-eight motion described previously, gliding the polisher over the surface, again permitting the weight of the unit to do the work.
4. Small areas, such as near and around mirrors, should be finished by hand.

CARE AND MAINTENANCE

Lubrication

Self lubricating bearings are used in this tool and periodic relubrication is not required. However, it is recommended that, once a year, you take or send the tool to a service center for a thorough cleaning and inspection. Refer to the "Service Information" section of this Instruction Manual.

Cleaning

All three bonnets can be safely cleaned by hand washing in warm soapy water. Allow bonnets to fully dry before use.

Plastic parts may be wiped clean with a soft damp cloth. NEVER use solvents when cleaning any plastic part as this may damage the finish. **DO NOT IMMERSER THE WAXER OR ATTACHED FOAM PAD IN WATER.**

Storage

Store the waxer in a "pad-up" position to prevent the attached foam pad from compressing or being set in a wrong position.

ACCESSORIES

This waxer/polisher is supplied with three accessories (the Wax Applicator Bonnet, Wax Off Bonnet and Polishing Bonnet). Replacement accessories are available from your local dealer or authorized service center. If you need assistance regarding accessories, please call: 1-800-544-6986.

⚠ WARNING: The use of any accessory not supplied for use with this tool could be hazardous.

SPECIFICATIONS

Power:	0.5A
Voltage:	120V
Speed:	3,600/MIN
Pad Size:	6"
Cable length:	3m