



THE BOSS™

Hybrid Micro Polisher

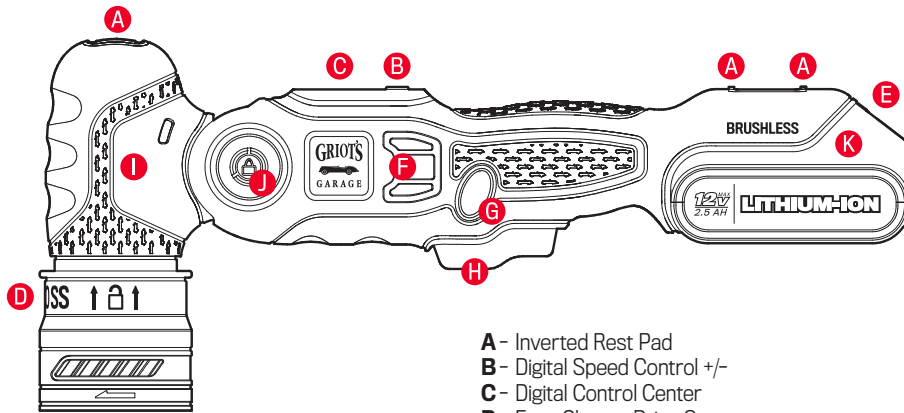
Introducing the most versatile
precision polisher on the planet...



⚠ WARNING: Read and understand all safety warnings and user instructions before using. SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

Please read and understand this manual. It contains information that relates to personal protection of you and others.

COMPONENTS AND FEATURES



- A - Inverted Rest Pad
- B - Digital Speed Control +/-
- C - Digital Control Center
- D - Fast-Change Drive System
- E - Battery/Inverter Release Lever
- F - Contamination Protection Screen
- G - Trigger Lock Button
- H - Variable Speed Trigger Throttle
- I - Pivoting Head
- J - Pivoting Head Release Button
- K - 12V Lithium-Ion Battery

WARNING: Never modify the power tool. Damage or personal injury could result.

SAFETY GUIDELINES

The definitions below describe the level of severity for each signal word. Please read the manual and pay close attention to symbols.

WARNING: Description of hazard and possible resulting injuries or death.

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

EXPLANATION OF SIGNAL WORD CONSEQUENCES



READ MANUAL BEFORE OPERATION

Before switching on the power tool read the operating manual for THE BOSS™ Hybrid Micro Polisher, 12V Lithium-Ion battery, 12V/20V Lithium-Ion Smart Charger and optional 12V Hybrid Power Inverter if equipped! In addition, consult the associated products' Safety Data Sheets (SDS) prior to use. This state of the art power tool has been constructed in accordance with the acknowledged safety regulations. Nevertheless, when in use, the power tool may be a danger to life and limb of the user or a third party, or the power tool or other property may be damaged. The power tool may only be used as intended, in perfect working order. Faults which impair safety must be repaired immediately.

INTENDED USE

The Griot's Garage® THE BOSS Hybrid Micro Polisher is designed for polishing paint, glass, unfinished metal, fiberglass, and composite surfaces. Common examples of use include but are not limited to auto, marine, RV, and motorcycle detailing. The polisher is design for all types of polisher work with polishing foam, microfiber, and wool buffing pads. For use with polishing accessories which are designed to run at a speed of at least 5800 R.P.M.

GENERAL POWER TOOL SAFETY WARNINGS

The term power tool in the warnings refers to your mains-operated (corded) power tool or battery operated (cordless) power tool.

GENERAL POWER TOOL SAFETY WARNINGS

WARNING: To reduce the risk of injury read instruction manual. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury. The term "power tool" in the warnings refers to your THE BOSS™ Hybrid Micro Polisher.

1. WORK AREA SAFETY

- a. Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- b. Do not operate power tool in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
- c. Keep children and bystanders away while operating power tool. Distractions can cause you to lose control.

2. ELECTRICAL SAFETY

- a. Power tool's plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Proper, unmodified plugs and matching outlets will reduce risk of electric shock.
- b. Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges, and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- c. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- d. Do not abuse the cord. Never use the cord for carrying, pulling, or unplugging the power tool. Keep cord away from heat, oil, sharp edges, or moving parts. Damaged or entangled cords increase the risk of electric shock.
- e. When operating power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
- f. If operating power tool in a damp location is unavoidable, use a Ground Fault Circuit Interrupter (GFCI) protected power supply. Use of a GFCI reduces the risk of electric shock.

3. PERSONAL SAFETY

- a. Stay alert, watch what you are doing, and use common sense when operating power tool. Do not use power tool while you are tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tool may result in serious personal injury.
- b. Use personal protective equipment. Always wear eye protection. Use of protective equipment such as a dust mask, gloves, or hearing protection under appropriate conditions will reduce the chance of personal injury.
- c. Prevent unintentional starting. Ensure the switch is in the "OFF" position before connecting to power source and/or battery pack, picking up, or carrying the tool. Carrying power tools with your finger on the switch or energizing power tools that have the switch "ON" invites accidents.
- d. Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the tool may result in personal injury.
- e. Do not overreach. Always keep proper footing and balance. This enables better control of the power tool in unexpected situations.
- f. Dress properly. Do not wear loose clothing or jewelry. Keep hair, clothing, and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts.
- g. Do not let familiarity gained from frequent use of power tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.

4. POWER TOOL USAGE AND CARE

- a. Do not force the power tool. The BOSS™ Hybrid Micro Polisher is intended to function as a buffer, polisher, and wax/sealant application tool.
- b. Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- c. Disconnect the power tool plug from the power source and/or battery pack before making any adjustments, changing accessories, or storing power tool. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d. Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- e. Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect power tool operation. If damaged, repair power tool before use. Many accidents are caused by poorly maintained power tools.
- f. Use the power tool and accessories in accordance with these instructions, considering the working conditions and the task to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

5. BATTERY TOOL USE AND CARE (PROVIDED OR OPTIONAL)

- a. Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack
- b. Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- c. When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws, or other small metal objects, which can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- d. Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- e. Do not use a battery pack or tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.
- f. Do not expose a battery pack or tool to fire or excessive temperature. Exposure to fire or temperature above 266°F (130°C) may cause explosion.

- g. Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions. Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.
- h. Never service damaged battery packs. Should battery pack be damaged, they should be recycled according to local law.

6. SAFETY INSTRUCTIONS FOR POLISHING

⚠ WARNING: ALWAYS use safety glasses. Everyday eyeglasses are NOT safety glasses. Also use face or dust mask if the operation is dusty.

⚠ CAUTION: ALL USERS AND BYSTANDERS MUST ALWAYS WEAR CERTIFIED SAFETY EQUIPMENT SHOULD CONDITIONS WARRANT IT:

- ANSI Z87.1 eye protection,
- ANSI S12.6 (S3.19) hearing protection,
- NIOSH/OSHA/MSHA respiratory protection.

⚠ WARNING: Always wear proper personal hearing protection that conforms to ANSI S12.6 (S3.19) during use.

Under some conditions and duration of use, noise from this product may contribute to hearing loss.

⚠ WARNING: Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the State of California 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.

⚠ WARNING: Refer to polish manufacturer's Safety Data Sheet (SDS) to ensure the components are not listed under Proposition 65. 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 including NIOSH/OSHA/MSHA respiratory protection 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. Wash hands after handling.

- a. This power tool is intended to function as a polisher. Please read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed herein may result in electric shock, fire, and/or serious injury.
- b. Never use accessories that were not specially developed and designed for this power tool. Just because an accessory part can be fitted on your machine does not guarantee safe or optimum performance.
- c. The rated speed of the accessory must be at least equal to the maximum speed communicated on the power tool. Accessories that rotate faster than the permissible level can break and fly apart.
- d. The outside diameter and thickness of your backing plate must be within capacity rating of your power tool. Incorrectly sized accessories cannot be adequately guarded or controlled.
- e. Threaded mounting of accessories must match the power tool's spindle thread. For accessories mounted by flanges, the arbor hole of the accessory must fit the locating diameter of the flange. Accessories that do not match the mounting hardware of the power tool will run out of balance, vibrate excessively and may cause loss of control.

f. Do not use a damaged accessory. Before each use inspect the accessory such as backing plate for cracks or tears. If power tool or accessory is dropped, inspect for damage or install an undamaged accessory. After inspecting and installing an accessory, position yourself and bystanders away from the plane of the rotating accessory and run the power tool at maximum no-load speed for one minute. Damaged accessories will normally break apart during this test time.

g. Keep bystanders a safe distance away from work area. Anyone entering the work area must wear personal protective equipment. Fragments of material or pieces of a broken accessory may fly away and cause injury beyond the area of operation.

h. Hold power tool by insulated gripping surfaces only, when performing an operation where the accessory may contact hidden wiring or its own cord. A spinning accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and shock the operator.

i. Position the cord clear of the spinning accessory. If you lose control, the cord may be cut or snagged, and your hand or arm may be pulled in causing injury.

j. Never lay the power tool down until the accessory has come to a complete stop. The spinning accessory may grab the surface and pull the power tool out of your control.

k. Do not run the power tool while carrying it at your side. Accidental contact with the spinning accessory may snag clothing, pulling the accessory into your body.

l. Regularly clean the power tool's air vents. The motor's fan will draw the dust inside the housing and excessive accumulation of powdered metal may cause electrical hazards or overheating.

m. Do not operate the power tool near flammable materials. Sparks could ignite these materials.

n. Do not use accessories that require liquid coolants. Using water or other liquid coolants may result in electrocution or shock.

7. KICKBACK AND RELATED WARNINGS

Kickback is a sudden reaction to a pinched or snagged rotating wheel, backing plate, brush, or any other accessory. Pinching or snagging causes rapid stalling of the rotating accessory which in turn causes the uncontrolled power tool to be forced in the direction opposite of the accessory's rotation at the point of the binding. For example, if a pad is snagged or pinched by the trim, the edge of the pad that is entering the pinch point can dig into the surface of the material causing the wheel to climb out or kick out. The tool may either jump toward or away from the operator, depending on direction of the pad's movement at the point of pinching. Rotating accessories may also break under these conditions. Kickback is the result of tool misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below:

a. Maintain a firm grip on the power tool and position your body and arm to allow you to resist kickback forces. The operator can control torque reaction or kickback forces if proper precautions are taken.

b. Never place your hand near the rotating accessory. Accessory may kickback over your hand.

c. Do not position your body in the area where the power tool will move if kickback occurs. Kickback will propel the tool in direction opposite to the wheel's movement at the point of snagging.

d. Exercise extreme caution when working corners, sharp edges, etc. Avoid bouncing and snagging the rotating accessory. Corners, sharp edges, or bouncing tend to snag the rotating accessory and cause loss of control or kickback.

e. Keep the power cord away from rotating insertion tools. If you lose control of the appliance, the power cord could be severed or become caught, and your hand or arm may strike the rotating insertion tool.

8. SAFETY WARNINGS SPECIFIC FOR POLISHING OPERATIONS

Do not allow any loose portion of the polishing pad to spin freely. Tuck away or trim any loose attachment strings. Loose and spinning attachment strings can entangle your fingers or snag on the area being worked on.

CAUTION: Do not operate tool for long periods of time. Vibration caused by the operating action of tool may cause permanent injury to fingers, hands, and arms. Use gloves to provide extra cushion, take frequent rest periods, and limit daily time of use.

NOTE: If an overload or overheating occurs during operation, the power tool automatically reduces speed or shuts down until the power tool adequately cools down.

9. SPECIFICATIONS

| | |
|-----------------------------------|---|
| Type | THE BOSS™ Hybrid Micro Polisher |
| Action | Rotary / Orbital |
| Revolutions Per Minute (RPM) | 2,000-5,800 |
| Speed Settings RPM | 1- 2,000 / 2- 2,800 / 3- 3,600 / 4- 4,400 / 5- 5,200 / 6- 5,800 |
| Voltage | 12Volts - 2.5Ah |
| Power Output (Amperes) | 10 |
| Overload Protection Circuitry | Yes |
| Cord Length | 10' (3meters) / Optional 25' (7.6meters) |
| Tool Length | 12" / 30.5cm (Bare Tool) |
| Tool Weight | 1.7 lbs. / 671g (Bare Tool) |
| Constant Electronic Speed Control | Yes |
| Variable Speed Trigger Throttle | Yes |
| Compatible Backing Plates | 1", 2" and 3" |

POWER SUPPLY

The tool is operated by a brushless DC motor. Only batteries or power supply uniquely designed for this tool are acceptable.

WARNING: To reduce the risk of injury or property damage, only the 12V Lithium-Ion Battery or the Hybrid Power Inverter (optional) for the motor supply should be used with this product. READ and UNDERSTAND the User Manual for respective power supply.

10. 12V LITHIUM-ION BATTERY (Item BGBAT) - OPTIONAL POWER SUPPLY

WARNING: Avoid short circuiting the contacts. Avoid mechanical damage of the battery pack. Do not open or disassemble. Advice on protection against fire and explosion. Keep away from open flames, hot surfaces, and sources of ignition.

WARNING: To reduce the risk of injury or explosion, never burn or incinerate a tool's battery pack even if it is damaged, dead or completely discharged. When burned, toxic fumes and materials are created.

WARNING: Charge Griot's Garage® 12V Lithium-Ion Battery only in the Griot's Garage 12V/20V Smart Charger BGCHG. Other types of batteries may cause personal injury and damage. For your personal safety, READ and UNDERSTAND the instruction manual 12V/20V Smart Charger BGCHG before using.

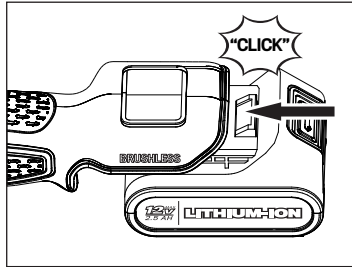
NOTE: Batteries are not fully charged on delivery. Prior to initial operation, charge the batteries fully.

11. INSERTING AND REMOVAL OF BATTERY

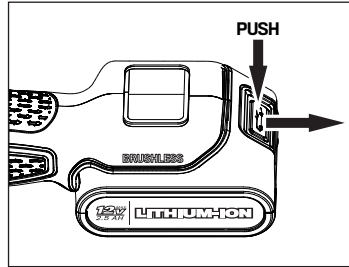
Inserting- align battery with tool and insert into polisher until battery clicks into place

Removal- Press the red battery release button **E**

INSERTING BATTERY



BATTERY REMOVAL



12. BATTERY STATE OF CHARGE

Press the button on the battery to identify the battery state of charge via the Fuel Gauge featuring red LED state of charge indicator. The indicator led will go out after 3 seconds. If one of the LEDs flashed, the battery must be recharged. If none of the LEDs light up after the button is pressed, the battery is faulty and must be replaced.

| PERCENT CHARGED | |
|-----------------|---------|
| | 80-100% |
| | 50-80% |
| | 20-50% |
| | 0-20% |

13. HYBRID POWER INVERTER (Item BGINV) - OPTIONAL POWER SUPPLY

WARNING: Power Inverter is rated for 100-130V AC. For technical data, refer to the label of Griot's Garage® 12V Hybrid Power Inverter. Power Inverter must be plugged into an appropriate outlet. Unplug Power Inverter when not in use. Consult Hybrid Power Inverter User Manual for detailed usage instructions.

FUNCTIONAL DESCRIPTION

Plug the 12V Hybrid Power Inverter into THE BOSS™ Hybrid Micro Polisher receiver. You will hear a definitive "click" when properly engaged. Install Quick Connect Power Cord into Power Inverter. Insert Quick Connect Power Cord Plug into power receptacle and the machine is ready to run. To release Power Inverter from THE BOSS™ Hybrid Micro Polisher, depress release button on top/rear of machine and remove inverter.

EXTENSION CORD USE WITH HYBRID POWER INVERTER

An extension cord must have adequate wire size (AWG or American Wire Gauge) for safety. The smaller the gauge number of the wire, the greater the capacity of the cable such that 16-gauge has more capacity than 18-gauge. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. The following table shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord. Never use two extension cords together.

| | | | | |
|---|-----|-----|------|------|
| Extension Cord Length | 25' | 50' | 100' | 150' |
| Cable Size (AWG) | 16 | 16 | 16 | 14 |
| Only use UL® and CSA® Certified extension cords | | | | |

CAUTION: Dispose of tool in accordance with local law. Recycle machines, accessories, and packaging at an environmentally responsible recycling center to reduce the risk associated with environmental contamination.

OPERATION

WARNING: To reduce the risk of serious personal injury, turn off power tool and unplug from power source before making any adjustments or removing/installing accessories or attachments.

SELECTING SPEED Slightly pull the Trigger Throttle to illuminate the Digital Screen. Select the (-) or (+) Buttons **B** to decrease or increase speed according to your application. Speed Settings range from 2,000-5,800 RPM. Settings- 1- 2,000 / 2- 2,800 / 3- 3,600 / 4- 4,400 / 5- 5,200 / 6- 5,800

NOTE: For future polishing sessions, the polisher will default back to set speed most previously.

DIGITAL CONTROL CENTER C This digital screen communicates the following

- **Hour Meter:** A non-resettable, accumulative timer which tracks, and records total machine run time.
- **Job Timer:** A resettable, accumulative timer intended for tracking correction time. Simply hold the (-) Speed Setting button down for four seconds to reset.
- **Speed Setting:** There are 6 speed settings ranging from: 1- 2,000 / 2- 2,800 / 3- 3,600 / 4- 4,400 / 5- 5,200 / 6- 5,800

NOTE: Digital Screen should be wiped with soft, lightly dampened microfiber towels only. Do not use cleaners, or compressed air near screen or damage may occur.

VARIABLE SPEED TRIGGER THROTTLE H

The polisher is equipped with a Variable Speed Trigger Throttle. The more you pull the trigger the faster the motor will run. Release the Variable Speed Trigger Throttle to stop motor. At maximum compression, the machine operates according to speed setting on the Digital Control Center. Polisher can be locked on for continuous use by depressing the trigger and engaging the Trigger Lock Button (G), while releasing your finger from the trigger. To shut off, depress trigger and release.

14. MICRO BACKING PLATE INSTALLATION

CAUTION: Ensure power tool is unplugged from power source.













Select appropriate pad size and secure to Orbital or Rotary Drive threaded shaft. Using supplied wrench, hold drive assembly shaft while threading in clockwise. Do not overtighten as damage may result. To remove, hold shaft with supplied wrench and turn counterclockwise.

FAST-CONNECT DRIVE SYSTEM

Drive Release: To release Drive Assembly, pull Drive Assembly Quick Release upward and grab drive, pulling downward.

Drive Insertion: pull Drive Assembly Quick Release upward, then align and push Drive Assembly in until properly seated into machine.


15. DRIVE COMPATIBILITY

| Pad Size | Backing Plate | 13MM Orbital Drive | Rotary Drive | Rotary Extension Drive |
|----------------------|---|---|---|---|
| 1 INCH SYSTEM |  |  |  |  |
| 2 INCH SYSTEM |  |  |  |  |
| 3 INCH SYSTEM |  |  |  |  |

NOTE: Drive Compatibility: Rotary Drive is compatible with 1" and 2" Backing Plates only.

NOTE: When using a Rotary Drive paired with a 2 Inch Pad System, maximum speed setting should be at 4,400 RPM.

CAUTION: The backing plate and pad will continue to rotate briefly after the polisher is turned off.

PIVOTING HEAD  The polisher head features an adjustable angle to improve panel access and/or enhance ergonomics. The Pivoting Head features four unique angles - 90, 45, 30, and 15-degree angles. To release and adjust head, compress Pivot Release Button (J), position to preferred angle and release button.

PAD SYSTEM

WARNING: To reduce the risk of injury, only Griot's Garage® approved accessories should be used with this polisher. Use of any other size is not recommended. Not using original Griot's Garage accessories may lead to a poor experience or result, including increased vibrations and increased wear or damage to the power tool. The Griot's Garage THE BOSS™ Hybrid Micro Polisher is designed for use with 1", 2" or 3" Pad Systems.

16. INSTALLING BOSS™ BUFFING PAD AND USAGE RECOMMENDATIONS

CAUTION: DO NOT use torn or worn out pads.

1. Inspect pad (microfiber or foam) prior to installation.
2. Unplug power tool prior to buffing pad installation.
3. Center pad on backing plate and press firmly around pad.
4. Never run machine when pad is not resting on the vehicle's surface.
5. Frequent cleaning of buffing pad using a Pad Conditioning Brush is essential to reduce product build up, which can potentially lead to excessive pad weight and a subsequent increase in vibration.

OPERATING YOUR HYBRID MICRO POLISHER

NOTE: The Overload Protection Circuitry protects the motor and battery from overheating, guaranteeing a longer life of both. Should the tool shut down, reduce downward pressure or allow to rest before reinitiating work.

- a. The buffing pads use a hook-and-loop system, simply center the pad on the backing plate and apply pressure to engage (off-center pads may cause added vibration).
- b. Apply your liquid product in 1-3 small dots, then spread using domed cap to ensure even application on your pad, working into pad face using domed cap can reduce sling at start up.
- c. When you use the machine select a manageable work area on your vehicle, focusing your efforts and reduce strain.
- d. When operating the machine, let the panel be your guide. Only light pressure, and slow arm speed is needed for sufficient correction. **Overapplying downward pressure may lead to increased vibration, excess tool heat, and reduced battery life.** The Overload protection circuitry will shut down the machine should you overapply downward pressure.
- e. To apply the product, gradually depress trigger throttle to minimize sling and ensure even product distribution. Spread product over working surface, then increase speed according to product use instructions.
- f. To correct defects, increase the speed to 4 to 6, depending on the severity of the defect, and follow the crosshatch pattern using light downward pressure. Random Orbitals are all about pad rotation, so excess pressure on the tool can steal away effectiveness. Start using the downward pressure of tool's weight only and let your pad do the work. Make 3 to 4 passes (back and forth = 1 pass), wipe off the product, and evaluate the results. Also be aware that the speed in which you move the tool affects its effectiveness so be slow, deliberate, and consistent as you work the grid.
- g. When finished working a grid area wipe off product residue using a clean, dry Griot's Garage® microfiber towel as recommended.
- h. Use at least 3-4 pads per process when detailing a vehicle to maintain smooth operation, pad/product effectiveness, ensure consistent results, and prolong pad life.

CAUTION: The backing plate and pad will continue to rotate briefly after the polisher is turned off.

17. PAD MAINTENANCE

1. While polishing, frequently clean pad face by using a Griot's Garage Pad Conditioning Brush with the machine operating at speed 3-4.
2. Following polishing process, remove buffing pad from machine, pre-rinse with hot water, and wring to expel polish residue.
3. Spray Griot's Garage Microfiber & Foam Pad Cleaner on the entire pad face and gently knead the pad until you create a rich lather. Allow to dwell for 8-10 minutes.
4. Rinse thoroughly with warm water and wring out or machine wash.
5. Allow pad to dry completely before use. Store dry pad in the supplied BOSS™ packaging or poly zip bag.

18. RECOMMENDED BACKING PLATES

MICRO BACKING PLATES Precision balanced plates designed exclusively for THE BOSS™ Hybrid Micro Polisher

NOTE: Backing plates are a consumable items. It is always recommended to have back up plates on hand should plates become damaged or Velcro seizes to function due to wear.

- BGMP1 BOSS Micro 1" Backing Plate
- BGMP2 BOSS Micro 2" Backing Plate
- BGMP3 BOSS Micro 3" Backing Plate

RECOMMENDED PADS, LIQUIDS, AND TOWELS

STANDARD PADS



Orange Foam Correcting Pad
This dense, firm foam pad can be used for removal of light to moderate defects.



Black Foam Finishing Pad
This soft, multi-purpose foam pad removes light scratches and mild defects.



Red Foam Waxing Pad
This ultra-soft pad refines to perfection, ideal for applying paint protection.



Glass Polishing Pad
Power away water spots and road grime to create crystal clear clarity.

Compatible Sizes **3 INCH**

BOSS™ PADS



BOSS Knitted Wool Pad
Accelerate the cut rate of any polish to rapidly remove the most severe defects.



BOSS Microfiber Pad
This aggressive pad provides rapid removal of moderate to severe defects.



BOSS Fast Correcting Foam Pad
Our most aggressive foam pad, this ultra-firm pad removes moderate to severe defects.



BOSS Correcting Foam Pad
This workhorse of a pad eliminates light to moderate scratches and defects.



BOSS Perfecting Foam Pad
This multi-purpose pad removes light swirl marks, micro hazing, and water spots.



BOSS Finishing Foam Pad
This ultra-soft pad delivers optimal color, depth, and clarity on delicate finishes.

BOSS | BEST OF SHOW SYSTEM®

Compatible Sizes **3 INCH 2 INCH 1 INCH**

BOSS™ LIQUIDS



BOSS Fast Correcting Cream
Quickly removes severe defects while adding depth and clarity to your paint.



BOSS Perfecting Cream
Refines to perfection by removing minor scratches, swirls, and holograms.



BOSS Correcting Cream
Eliminate moderate defects like light scratches and swirl marks while adding depth and clarity.



BOSS Finishing Sealant
All-in-one that eliminates fine swirls, scratches, and hazing while producing a flawless finish.

BOSS | BEST OF SHOW SYSTEM®

TOWELS



Microfiber Edgeless Towels
This versatile towel quickly removes polish, wax, spray detailers, and more.



PFM® Dual Weave Wax Removal Towels
Remove wax and buff in a safe, efficient manner.



Microfiber Plush Edgeless Towels
Ensure nothing but supple, plush-nap microfiber touches your paint.



PFM® Terry Weave Towels
An all-around towel that excels at drying, wax/polish wipe downs, & more.

POWER TOOL MAINTENANCE

For detailed product use, please visit griotsgarage.com for tech sheets and helpful how-to videos. Your Griot's Garage® THE BOSS™ Hybrid Micro Polisher has been designed to operate over a long period of time with minimum maintenance. To maintain optimal performance and long-life, proper tool care and regular cleaning must be employed.

- ⚠ WARNING:** To reduce the risk of serious personal injury, turn off power tool and unplug from power source before making any adjustments or removing/installing accessories or attachments.
- ⚠ WARNING:** Blow dirt and dust out of all Contaminant Protection Screen XX and vents with dry compressed air at least weekly. Wear proper ANSI Z87.1 (CAN/CSA Z94.3) eye protection and proper NIOSH/OSHA/MSHA respiratory protection when performing this. Avoid applying compressed air to Digital Control Center.
- ⚠ CAUTION:** Never use solvents or other harsh chemicals for cleaning the non-metallic parts of the tool. These chemicals will attack and weaken the nylon composite materials used in these parts. Griot's Garage Citrus Multi-Surface Cleaner is a safe and effective option. Apply liberally, agitate with a soft nylon bristle brush, then wipe tool down with a damp, microfiber towel. Avoid applying cleaner to Digital Control Center, using a lightly dampened soft microfiber for care.
- ⚠ CAUTION:** 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.

FAILURE TO START

- a. Should your tool fail to start, check to make sure the prongs on the cord plug are making good contact within the outlet or ensure battery is charged and fully inserted. Also check for blown fuses or open circuit breakers in the line.
- b. If power tool persists in not starting, check to ensure battery or inverter is fully seated into polisher receptacle.
- c. When employing the Hybrid Power Inverter, inspect power cord for cuts or shorts. Remove Quick Connect Power Cord(H), then reinsert ensuring "click" sound is audible. Should excessive wear be identified, contact Griot's Garage for replacement cords and/or service

QUICK START GUIDE

1. Ensure Drive Assembly (Rotary or Orbital) is fully engaged into Fast Change Drive by pulling on backing plate.
2. Check tightness of backing plate with the supplied Allen wrench.
3. Select appropriate buffing pad and compound/polish/wax to achieve objective. (See separate Wallchart Insert)
4. Attach pad by centering it on backing plate and pressing it on. Thoroughly "butter" face of fresh pad with polish/compound, wax, or sealant.
5. Select appropriate tool speed: Correction: 5-6, Perfection: 3-4
6. Apply pad to surface, depress trigger, and work surface in focused area overlapping passes using slow, steady arm movement and minimal downward pressure.
7. Work section with four or five passes, then wipe off using a quality microfiber towel. Apply 1-3 drops of product on pad for secondary applications.
8. Evaluate the condition of the surface. If the result is satisfactory, move on to next panel until all painted surfaces are completed. If desired result has not been achieved, repeat identical process, or introduce different pad/abrasive combination until desired result is achieved.
9. Once entire car is complete, relax and enjoy the shine!

PRODUCT USE All statements, usage recommendations, and technical information contained in this manual are based on tests or development that Griot's Garage® has deemed reliable. However, many factors beyond Griot's Garage's control can affect the use and performance of this Griot's Garage product in a certain application, including conditions under which the Griot's Garage product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely in the user's knowledge and control, it is the responsibility of the user to evaluate the Griot's Garage product to determine whether it is suitable for a particular purpose and the user's method of application.

SIX MONTH SATISFACTION GUARANTEE We want you to enjoy our quality product and have fun with it! If you're not 100% satisfied for any reason within six months of purchase, return it to point of sale with proof of purchase for a full refund or credit.

WARRANTY Griot's Garage Lifetime Guarantee - Griot's Garage will repair or replace any defective tool, without charge, due to faulty materials or workmanship for the working life of the tool, subject to certain exclusions below.

EXCLUSIONS Griot's Garage Lifetime Guarantee does not cover damage caused by failure to follow recommended maintenance, misuse, alteration, or abuse. Normal wear and tear are not considered a defect, therefore part failure which may occur as the result of ordinary use is excluded from coverage.

DISCLAIMER Limitation of Liability - In no event shall the monetary liability of company exceed amounts that have actually been paid to company. Company shall not be liable for consequential, indirect, special, or incidental damages under any circumstances, even if advised in advance of the possibility of such damages.

ANSWERS TO YOUR QUESTIONS To order additional pads and liquids, or for a complete selection of Griot's Garage products, please call us toll-free at **800-345-5789**, email us at **customerservice@griotsgarage.com**, or go to **griotsgarage.com**.



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