



Model:

# 3027

Product Type:

## 12V 3" MINI CORDLESS PISTOL POLISHER W/ 2 BATTERIES



### WARNING



Study, understand and follow all instructions provided with this product. Read these instructions carefully before installing, operating, servicing or repairing this tool. Keep these instructions in a safe accessible place.

### INTENDED USE OF THE TOOL

The 3027 3" cordless polisher is designed to rapidly polish small areas such as bumper recesses, door sills and headlights. Only use attachments made for use with this tool. Do not use this tool outside of the designed intent. Never modify the tool for any other purpose or use.



### WARNING



#### Caution: To help prevent personal injury

- Use of this product can expose you to chemicals including ethylene glycol, gasoline vapors and engine exhaust, which are known to the State of California to cause cancer, birth defects, or reproductive harm. Always wear ANSI approved safety equipment, safety glasses and clothing when using this product. Study, understand, and follow all instructions provided with this product. Failure to read and follow all warnings and operating instructions may result in damages and serious injury or death.
- Always wear ANSI approved goggles when using this product. (Users and By standers).
- Never use this tool for any application other than for which it was designed.
- Only use accessories designed for this tool.
- Never alter or modify this tool in any way.
- Improper operation and/or maintenance of the tool, modification of the tool, or use of the tool with accessories not designed for it could result in serious injury or death.
- Always select the correct accessories of the correct size and design for the job that you are attempting to perform.
- Always work in a clean, safe, well-lit, organized and adequately equipped area.
- Do not begin repairs without assurance that vehicle is in secure position, and will not move during repair.

### BEFORE USE

When unpacking, check the parts diagram and part number listing on page 4 to make sure all parts are included. If any parts are missing or damaged, please call your distributor.

**DO NOT DISCARD – GIVE TO USER**



## Astro Pneumatic Tool Company

### PRODUCT INFORMATION

- Compact lightweight pistol style 3" polisher with 2-position side handle and ergonomic comfort grip
- Includes 2 Lithium-Ion batteries, charge level indicator on polisher and wall charger for minimal down time
- High/Low power settings for 0-2800RPM/0-8300RPM perfect for small trim, door sills, grills, headlight restoration and more

#### Specification:

Drive style: Spindle Thread Size - 5/16" x 24T

No-load speed: Low 0-2800/RPM (Polishing speed)

High 0-8300/RPM (High speed polishing or sanding)

Rechargeable battery: 12 volt/1.5 Ah Lithium-ion

Battery charger voltage rating: AC 100-240V 50-60 Hz

Charger output: 13.5v@0.4Amps

Charge time: 3-4 hours



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### WORKPLACE SECURITY

1. Keep the area clean and well lit. Cluttered or dark areas can cause accidents.
2. Do not use power tools in explosive environments, e.g. in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
3. Keep children and people away during the use of the tool. Distractions can cause you to lose control of the tool.

### PERSONAL SAFETY

1. Be aware of what you are doing and use common sense while using the tool. Do not use a tool when you are tired or under the influence of drugs, alcohol or medication. A moment of distraction while using a tool can cause serious personal injury.
2. Use safety equipment. Always wear eye protection. Safety equipment such as dust masks, non-slip safety shoes, helmets or ear protection used in appropriate conditions will reduce the risk of injury.
3. Remove any adjusting key before turning the tool on. A key left attached to a rotating part of the tool may result in personal injury.
4. Do not rush. Maintain proper footing and balance at all times. This allows better control of the tool in unexpected situations.
5. Dress appropriately. Do not wear loose clothing or jewelry. Keep hair, clothing and gloves away from moving parts. Loose clothing, jewelry or long hair can get caught in moving parts.
6. If devices for connecting equipment for extraction and dust collection are supplied, make sure they are connected and properly used. Use of dust collection can reduce risks due to dust.

### USE & MAINTENANCE OF THE TOOL

1. Do not force the tool. Use the right tool for the application being performed. A suitable tool will do the job better and more safely if used for the purpose for which it has been built.
2. Do not use the tool if the switch does not allow you to turn it on or off. Any tool that can not be controlled by the switch is dangerous and must be repaired.
3. Disconnect the battery from the tool before changing accessories or before storing the tool. These preventive safety measures reduce the risk of accidental starting of the tool.
4. Keep the tool away from children and do not allow it to be used by people who are not familiar with the operation of the tool. Tools are dangerous in the hands of inexperienced operators.
5. Make sure the tool's moving parts are not aligned or blocked, that it has not broken any parts or any other condition that may affect the operation of the tool.

### PRECAUTIONS FOR USE

1. Do not use any other charger than the one specified by the manufacturer. A charger that fits to a type of battery can cause a risk of fire when used with other types of batteries.
2. Do not use tools with batteries other than those specified. The use of any other type of battery may create a risk of injury and fire.
3. If the batteries are not used, keep them away from other metal objects such as clips, coins, keys, nails, screws or other small objects that can lead to a connection from one terminal to another. Short-circuiting the terminals of a battery can cause burns or fire.
4. In damaged condition, liquid may be ejected from the battery; avoid any contact. In case of accidental contact, flush with water. If the fluid comes into contact with eyes, seek medical assistance. The ejected battery fluid may cause irritation or burns.

### CARE & MAINTENANCE

1. Repairs must be performed by a qualified expert, using only identical replacement parts. This will ensure that the safety of the tool is maintained.
2. Unplug tool and charger from the wall outlet before cleaning.

### CLEANING

1. Keep protection devices, air vents and the motor housing as clean (dust free) as possible. Clean the tool with a clean cloth or clean with compressed air at low pressure.
2. We recommend cleaning the tool directly after each use.
3. Clean the tool regularly with a damp cloth and a little soap. Do not use any cleaner or detergent, they can damage the plastic parts of the tool. Ensure that no water enters the tool.

### MAINTENANCE

Recharge the battery at least once a year to maintain battery life.

### ENVIRONMENTAL PROTECTION

This device uses electronic components, so they should not be deposited in the household garbage! Please help by collaborating to protect resources and the environment. Dispose of these products through relevant recycling services, if any. For questions on this matter, please contact your local waste management or a specialized site.



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## BEFORE USE

Before turning on the 12v Polisher, read the following notes:

1. Charge the battery (8) with the provided charger (12). A fully discharged battery recharges in about one hour depending on application.
2. Use only appropriate sized 3 in. or smaller, backing pads and accessories.

## CHARGING THE BATTERY

1. Remove the battery from the tool by depressing both battery lock buttons (7) and pulling down.
2. Check that the power available corresponds to the rating plate on the charger.
3. Plug charger's power lead into top of battery. The red LED indicates that the battery is charging. Once charged, the red LED turns off and the green LED stays on continuously.
4. During charging, it is normal for the battery to warm slightly. If you cannot charge the battery, check:
  - That the socket has voltage.
  - That the charger contacts are reliable.
  - Verify the wiring between the transformer and power lead plug is undamaged.
  - Finally, use a multimeter to verify the prescribed voltage is present at the end of the power lead.

## OPERATING TIPS

- Maintain a firm grip on the power tool and position your body and arm to allow you to resist kickback forces.
- Always use the side handle (13) for maximum control over kickback or torque reaction during start-up.
- The side handle may be installed on either the right or left side of the gear case.
- Position the side handle in the location which offers best control and protection.
- To install, thread side handle into side handle socket and tighten securely.

## INSTALLING BACKING PAD

1. Remove the battery (8). **WARNING!** Always remove the battery before changing or removing accessories.
2. Wipe the accessories and spindle (1) to remove dust and debris. Inspect the parts for damage. Replace if needed.
3. Press in the spindle lock (3) and thread the backing pad (2) into the spindle. Hand tighten clockwise securely.
4. To remove backing pad, remove the battery and reverse the procedure.

## INSTALLING/REMOVING HOOK & LOOP POLISHING PADS

1. Remove the battery pack. **WARNING!** Always remove battery pack before changing or removing accessories.
2. To install, line up the polishing pad with the backing pad and press firmly onto the tool.
3. To remove, pull the polishing pad off of the backing pad.

**NOTE:** Always use side handle for better control. Position the side handle in the location which offers best control and guard protection.

**WARNING!** Never use an accessory that has been dropped. Out-of-balance or damaged accessories can mar workpiece, damage the tool, and cause stress that may cause accessory failure.

1. Remove the battery. Always remove the battery before changing or removing accessories.
2. Use a clamp, vise or other practical means to hold your work, freeing both hands to control the tool.

**WARNING!** Hold tool securely with both hands before starting the tool.

## USE TIPS

1. After installing an accessory or beginning work, test the wheel by letting it spin for up to one minute before engaging the work surface.
2. Allow accessory to come to full desired speed before beginning work.
3. Control pressure and surface contact between accessory and workpiece.
4. When finished, release trigger and make sure it comes to a complete stop before putting it down.

**WARNING!** Never bang accessory onto work. Too much pressure causes accessory failure or slows speed.



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### OPERATION

#### INSERTING THE BATTERY

Use only original Li-ion batteries provided for use with this power tool. Using other batteries can lead to injuries and pose a fire hazard. Insert the charged battery into the handle so that it can be felt to engage and faces flush against the handle.

#### SELECTING SPEED

Set speed control switch (5) to the proper setting for your application

- For Low speed, (polishing) push the speed selector to display "P".
- For High speed, (high speed polishing or sanding) push the speed selector to display "S".

**NOTE:** Allow the tool to come to a complete stop before changing speeds.

#### TRIGGER

- The variable speed trigger (10) allows you to adjust the speed continuously, depending on the intensity with which the trigger is pulled.
- In order to engage the trigger and start the tool you will need to first depress the trigger safety lock (6) and then pull the trigger.

**NOTE:** Motor and spindle rotation is clockwise ONLY. There is no setting for counter-clockwise operation.

#### DISPLAY BATTERY STATUS ON TOOL:

Three color LEDs (11) indicate the battery status whenever the ON/OFF button is pressed.

- All LEDs are lighted: The battery is fully charged.
- Yellow and red LEDs lighted: The battery has sufficient charge to operate at full power.
- Red LED lighted: the battery has less than 30% charge and needs to be recharged soon.

**WARNING:** To reduce the risk of injury, always wear safety goggles or glasses with side shields. Always use the appropriate respirator for the material you will be working. Always use hearing protection where appropriate. Prolonged exposure to loud noise can lead to hearing loss.

### PARTS BREAKDOWN



### Parts List

Index	Part No.	Description	Qty
1	3027-01	Spindle - 5/16" x 24T	1
2	3027-02	Backing Pad	1
3	3027-03	Spindle Lock	1
4	3027-04	Side Handle Socket	1
5		Speed Control Switch	1
6	3027-06	Trigger Safety Lock	1
7		Battery Lock Buttons	1
8	3027-08	Battery	2
9		Comfort Grip	1
10	3027-10	Variable Speed Trigger	1
11		Battery Status Display	1
12	3027-12	Battery Charger	1
13	3027-13	Side Handle	1