Alpha® High-Speed Angle Grinder Instruction Manual

Part No: HSG-125
HSG-225

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HIGH-SPEED ANGLE GRINDER OVERVIEW

SPECIFICATIONS

Power Supply ............................................................... Single-Phase AC, 50/60 Hz
Rating .................................................................................. 115/230 Volts
Amperage ............................................................................. 11.0A
Power ..................................................................................... 810W
No-load Speed ...................................................................... 11,000 RPM
Max Disc Size ................................................................. .5” / 125mm
Arbor ................................................................................... 5/8”-11 / M14
Weight ............................................................................... 3.52 lbs / 1.6 kg
Cord ....................................................................................

Figure-1
ACCESSORIES

COMPONENTS:

1. Protective Guard w/ Clamp Screw
2. Side Handle
3. Flange and Lock Nut Set with 7/8” Arbor (Fits 4-1/2” to 5” Discs)
4. Pin spanner Wrench 34 mm
5. Extra Carbon Brush Set
6. Extra Flange and Lock Nut Set with 20mm Arbor (Fits 4” Discs)
INTRODUCTION
Thank you for purchasing the Alpha® High-Speed Angle Grinder. Please read this instruction manual thoroughly to ensure safety and correct use of this tool. Keep this manual in a place where operators can access it easily whenever necessary.

▶ ABOUT THE SYMBOLS
According to the hazard level, all safety notes in this manual are classified into “DANGER”, “WARNING”, and “CAUTION”.

⚠️ DANGER! Death or serious personal injury is imminent when handling this tool incorrectly.

⚠️ WARNING! There is a possibility of death or serious personal injury when handling this tool incorrectly.

⚠️ CAUTION! There is a possibility of personal injury or property damage when handling this tool incorrectly.

NOTE: In some situations, failing to observe WARNING notes could result in death or serious personal injury. Be sure to read and observe the safety notes to ensure safety and correct use of the Angle Grinder.

ELECTRICAL SYMBOLS
The following show the symbols used for tool.

V Volts
A Amperes
W Watts
Hz Hertz
~ or a.c. Alternating Current
n0 No load speed
…/min Revolution or reciprocation per minute
kg Kilograms
mm Millimeters
lbs Pounds

Protective Earth
CAUTION!

The following are important notes for products, operation, and maintenance applicable to this High-Speed Angle Grinder.

GENERAL SAFETY RULES

► WORK AREA

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

► ELECTRICAL SAFETY

• Grounded tools must be plugged into an outlet properly installed and grounded in accordance with all codes and ordinances. Never remove the grounding prong or modify the plug in any way. Do not use any adaptor plugs. Check with a qualified electrician if you are in doubt as to whether the outlet is properly grounded. If the tools should electrically malfunction or break down grounding provides a low resistance path to carry electricity away from the user.
• Avoid body contact with grounded surfaces, such as pipes, radiators, ranges, and refrigerators. There is an increased risk of electric shock if your body is grounded.
• Don’t expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
• Do not abuse the cord. Never use the cord to carry the tools or pull the plug from an outlet. Keep cord away from heat, oil, sharp edges, or moving parts. Replace damaged cords immediately. Damaged cords increase the risk of electric shock.
• When operating a power tool outside, use an outdoor extension cord marked “W-A” or “W”. These cords are rated for outdoor use and reduce the risk of electric shock.

► PERSONAL SAFETY

• Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use tool while tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.
• Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts or drawn into air vents.
• **Avoid accidental starting.** Be sure switch is off before plugging in. Carrying tools with your finger on the switch or plugging in tools that have the switch on, invites accidents.

• **Remove adjusting keys or wrenches before turning the tool on.** A wrench or a key that is left attached to a rotating part of the tool may result in personal injury.

• **Do not overreach.** Keep proper footing and balance at all times. Proper footing and balance enables better control of the tool in unexpected situations. Do not use on a ladder or unstable support.

• **Use safety equipment.** Always wear eye protection. Dust mask, nonskid safety shoes, hard hat, or hearing protection must be used for appropriate conditions.

► **TOOL USE AND CARE**

• **Use clamps or other practical way to secure and support the workpiece to a stable platform.** Holding the work by hand or against your body is unstable and may lead to loss of control.

• **Do not force tool,** use the correct tool for your application. The correct tool will do the job better and safer at the rate for which it is designed.

• **Do not use tool if switch does not turn it on or off.** Any tool that cannot be controlled with the switch is dangerous and must be repaired.

• **Disconnect the plug from power source before making any adjustments, changing accessories, or storing the tool.** Such preventive safety measures reduce the risk of starting the tool accidentally.

• **Store idle tools out of the reach of children and other untrained persons.** Tools are dangerous in the hands of untrained users.

• **Maintain tools with care.** Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect the electrical cord periodically and if damaged, have it repaired by authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean and free from oil and grease.

• **Check for damaged parts.** Before using the tool each day, 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, 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 the tool if it cannot be turned on and off by the switch.

• **Use only accessories that are recommended by the manufacturer for your model.** Accessories that may be suitable for one tool, may become hazardous when used on another tool.
SERVICE

• Tool service must be performed only by qualified repair personnel. Service or maintenance performed by unqualified personnel could result in a risk of injury.

• When servicing a tool, use only identical replacement parts. Follow instructions in the Maintenance section of this manual. Use of unauthorized part or failure to follow Maintenance Instructions may create a risk of electric shock or injury.

SPECIFIC SAFETY RULES

• Accessories must be rated for at least the speed recommended on the tool warning label. Wheels and other accessories running over rated speed can fly apart and cause injury.

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

• Know your power tool. Read operator’s manual carefully. Learn its application and limitations, as well as the specific potential hazards related to this tool. Following this rule will reduce the risk of electric shock, fire, or serious injury.

• Always wear safety glasses with side shields. Everyday eye-glasses have only impact resistant lenses; they are NOT safety glasses.

• Protect your lungs. Wear a face or dust mask if the operation is dusty.

• Protect your hearing. Wear hearing protection during extended periods of operation.

• Inspect tool cords periodically and if damaged, have repaired at your nearest Factory Service Center or other Authorized Service Organization. Constantly stay aware of cord location.

• 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.

• 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.

• Inspect for and remove all foreign objects from workpiece before polishing. Follow this rule will reduce the risk of serious personal injury.

• Drugs, alcohol, medication, Do not operate tool while under the influence of drugs, alcohol, or any medication. Follow this rule will reduce the risk of electric shock, fire, or serious personal injury.

• Keep hands away from polishing area. Follow this rule will reduce the risk of cuts, scrapes, or serious personal injury.

• Save these instruction. Refer to them frequently and use them to instruct others who may use this tool. If you loan someone this tool, loan them these instructions.
**USE PROPER EXTENSION CORDS**

Use only three-wire extension cords that have three-prong grounding-type plugs and three-pole receptacles that accept the tool's plug. Make sure your extension cord is in good condition. Replace or repair damaged or worn cord immediately. 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. Below 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.

<table>
<thead>
<tr>
<th>Ampere Rating</th>
<th>Total length of cord in feet (115V )</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>25ft</td>
</tr>
<tr>
<td>More Than</td>
<td>Not More Than</td>
</tr>
<tr>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>6</td>
<td>10</td>
</tr>
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<td>12</td>
</tr>
<tr>
<td>12</td>
<td>16</td>
</tr>
</tbody>
</table>
ADDITIONAL PRECAUTIONS FOR USING THE HIGH-SPEED ANGLE GRINDER

In addition to the general safety notes described on the preceding pages, please read and observe the following precautionary notes before using the Angle Grinder.

⚠️ DANGER!

► SAFETY ADVICE

- Please note safety instructions on Page 3-5.
- Do not pierce the motor housing as this could damage the double insulation.
- Always remove plug from the outlet before making any changes to the settings or performing maintenance.
- Ensure the tool is switched off prior to plugging in.
- Keep power cable clear from working area of the machine. The power cable should always lead away from you and behind the operating area.
- Before use, check the machine, cable and plug for any damages or material fatigue. Only authorized service agents should perform repairs.
- After switching off, the machine will not idle down immediately. Allow the machine to come to a complete stop before putting it down.
- Always wear safety glasses and ear protection when working with this machine. It is further recommended to wear safety gloves, apron, as well as sturdy non-slipping shoes.
- Only use grinding discs whose permitted speed is at least as high as the highest no-load speed of the machine.
- Be sure wheels fit tool properly and securely. Do not modify the tool to force fit the wheel. Do not remove wheel cover.
- Check grinding tools before use. The grinding wheel must be properly mounted and turn freely. Perform a test run for at least 30 seconds without any load. Do not use damaged, out of round or vibrating grinding tools.
- Immediately switch off the machine in case of considerable vibrations or if other malfunctions occur. Check the machine in order to find out the cause.
- Always use and store the grinding wheels according to the manufacturer’s instructions. The flange bolt must be tightened before starting to work with the machine.
- The work piece must be secured if it is not heavy enough to prevent movement.
- Do not use emery wheel.
HOW TO GRIND

⚠️ WARNING!

1. During operation, be sure to wear safety glasses and hearing protection.
2. Some dust created when using this grinder contains chemicals known to cause cancer, birth defects or other reproductive harm. Some example of these chemicals are:
   a. Lead based paints
   b. Crystalline silica found in cement, bricks and other masonry products
   c. Arsenic and chromium coming from pressure treated wood
   d. Pesticides and other chemicals that could have been applied to the work area
3. An approved dust mask that protects the operator against these chemicals should be worn at all times. These dust masks are designed to filter out microscopic particles.

⚠️ DANGER!

1. If you accidentally drop the machine, do not use until checking that the machine and grinding wheel are not cracked, deformed, or damaged.
2. Grinding wheels used on this tool should be rated at or above the no load rating marked on this tool. Running grinding wheels over their rated speeds can fly apart and cause injury.

⚠️ CAUTION!

1. Do not press the lock pin while the wheel is rotating.
2. Do not turn the switch on with the lock pin pressed down.

► HOW TO HANDLE THE GRINDER

1. It is not necessary to apply more force onto the machine than the force created by the weight of the machine itself.
2. Applying excessive force may damage the grinding wheel and burn up the motor. Such action may decrease the rotation speed which reduces the efficiency of dust suction, because its power is driven by the spindle.
3. When used properly the unit should float on top of the brush ring, if excessive force is applied the brush will be crushed and wear out.
4. Hold the tool with both hands while starting; the torque from the motor will cause the tool to jerk.
5. When the grinding wheel first comes into contact with the work surface or when the wheel is new, make contact slowly.
6. Keep moving the tool in a circular motion to prevent grooving in the work surface.
7. Hold the unit tightly to prevent it from walking, and remove the high spots in the work surface from the top down.

9. This grinder is designed to be used dry, if the surface is wet the dust will not be able to pass through the fan and a breakdown will result.

HIGH-SPEED ANGLE GRINDER OPERATION

CAUTION!
Always be sure that the tool is switched off and unplugged before adjusting or checking function on tool. This tool is in accordance with IEC 60745, and it can be connected to sockets without ground protection because of double installation. Radio suppression complies with the international standard CISPR 14.

► MAIN CONNECTION
Connect only to single-phase AC current supply and only to the main voltage specified on the rating plate.

► SWITCHING ON AND OFF

CAUTION!
Before plugging in the tool, always check the working voltage be sure that the voltage specified is on the name plate. Before plugging in the tool, always check to see that the slide switch actuates properly and returns to the “OFF” position when the rear of the slide switch is depressed.

Switching on:
Switch can be locked in “ON” position for ease of operator comfort during extended use. Apply caution when locking tool in “ON” position and maintain firm grasp on tool.

Push sliding switch to the forward position, depress the front part of the switch to lock into position as shown in Figure 3.
Switching off:
To unlock, depress the back of the sliding switch. The switch will automatically move back as shown in Figure 4.

► BEFORE USE

⚠️ DANGER!

Before using the machine, check the following items. In particular, check items 1 to 5 before plugging the power supply cord into the power outlet.

1. Check the working voltage.
   - Be sure the voltage specified on the rating plate is the voltage available at the power outlet. If the machine is used with higher voltage than specified, the motor will burnout. Any attempts to do so may damage the polisher and/or cause an accident.

2. Make sure the ON/OFF switch is off.
   - If you plug in the power supply cord without realizing that the switch is ON, the machine will start and may cause an accident. Make sure the on/off switch trigger is out and the locking button is not engaged.

3. Inspect the protective wheel cover.
   - Do not remove the wheel cover. It will protect you if the grinding wheel breaks.
   - Be sure to firmly attach the grinding wheel or any optional accessory.

4. Inspect the grinding wheel.
   - Check if you have a specified wheel.
   - Never use cracked, chipped, or any damaged wheels.
   - Follow the procedures specified in the instruction manual to properly attach applicable accessories.

5. Check the power outlet.
   - When the plug of the power supply cord is easily pulled out of the power outlet, the outlet should be replaced. For such task, consult an electrician. If the power outlet is used on a continuous basis, it may overheat and cause accidents.

6. Perform test runs.
1. Before turning the switch ON, make sure the rotating parts are not touching anything. If the switch is turned ON while they are in contact with anything else, the wheel may get damaged and may cause injuries.

2. When a new wheel is attached and the switch is turned ON, keep your body well away from the exposed sides of the wheel for a moment until the machine reaches its full speed.

It is very dangerous to perform grinding operations using cracked, chipped or damaged wheels. Before starting grinding operations, keep the wheel away from anyone nearby. Be sure to perform a few test runs to check whether there are any abnormalities.

Test run duration:
- After replacing a wheel..............................at least 3 minutes
- Before starting operations each day...................at least 1 minute

► ABOUT DOUBLE INSULATION
This machine is designed with double insulation. Two insulations are used between the conductor and the outer body of the machine. An electric machine with the double insulation highly improves safety from electric shocks. Do not attach or replace unspecified parts and do not assemble incorrectly. This may cause the insulation to malfunction.

► LAWS AND REGULATIONS OF NOISE LEVELS
Please observe local laws and regulations regarding noise level in order to avoid disturbing surrounding areas. Install a soundproof wall if required to comply with the local laws and regulations.
**USING THE TOOL**

**PROTECTIVE GUARD INSTALLATION**

⚠️ **CAUTION!**

The protective guard should be used to prevent the water and dust from going inside the tool. Failure to do so can shorten the life of your tool and void the limited warranty.

1. Slide the protective guard onto clamping collar so that the lip on the protective guard fits into the groove on the tool.

2. Position the Protective Guard with the shield facing backwards as shown in Figure 6. Push down until the protective guard is firmly seated on the clamping collar.

3. Tighten the clamping screw to a snug. The protective guard should not be able to move.
ASSEMBLING SPINDLE ATTACHMENTS

CAUTION!

Do not leave threaded accessories on the spindle of the tool for extended periods of time, as this may result in making it difficult to remove these accessories.

Note: The Alpha® High-Speed Angle Grinder has a 5/8”-11 spindle thread. It comes with two Flange and Lock Nut sets: The 20mm Arbor for 4” discs and the 7/8” Arbor for 4-1/2” to 5” discs.

To attach an approved spindle attachment to the tool, follow the steps below:

CAUTION!

Always disconnect the plug from the socket before carrying out any work on the machine.

1. Lock the work spindle by depressing the spindle lock.

2. Mount the tension flange (use the 20mm Flange and Lock Nut Set for 4” discs and 7/8” Flange and Lock Nut Set for 4-1/2”-5” discs).
3. Add the working tool and then locking nut as shown in Figure 11 and 12.

4. Tighten the lock nut with a pin-type face spanner

► DISASSEMBLING SPINDLE ATTACHMENTS

Please follow the reverse procedure for disassembling the working tool from the grinder.
REPLACING AND CHECKING THE CARBON BRUSHES

In order to keep your tool running correctly, you need to check your carbon brushes after every one hundred hours of use. Carbon brushes wear out over time based on the grinder’s usage. If a carbon brush is worn out, it may cause the motor to malfunction or fail to run. The carbon brushes should be replaced before the twisted wire reaches the bottom of the slot.

DANGER!

Be sure to unplug the power cord from the outlet before servicing the unit, to prevent electrical shock or starting the tool accidentally.

► REAR COVER REMOVAL

1. Remove the rear case screws.

2. Hold grinder with one hand and pull the rear case straight back with the other hand.

   NOTE: Do not twist case in a side to side motion when pulling back.

2. Pull back the rear case until the carbon brush assembly is exposed.

   NOTE: Do not pull rear case further back from this point.
CARBON BRUSH HOLDER REMOVAL

1. Disconnect the power wire from carbon brush holder.

Note: Each grinder has 2 carbon brushes located on opposite sides of each other. After replacement of the two brushes, assemble the polisher by reversing disassembly procedure.

2. Remove the carbon brush holder from the motor housing by pulling the holder out with a pair of needle nose pliers.

3. With the carbon brush holder removed, you can check and clean the armature commutator. The commutator is the contact points that the carbon brushes ride on when the motor is running.
4. Pictured on the left below, is a worn carbon brush in the holder (Note: the twisted wire is at the end of the slot and the carbon brush is almost flush with holder). On the right below, is a new carbon brush in the holder.

![Worn and New Carbon Brushes](image)

**NOTE:** Carbon brushes sometime wear at different rates; however, both carbon brushes should be replaced at the same time. The carbon brushes in this grinder are located under the rear handle.

**WARNING!**

Replacing the carbon brushes in this unit with non-Alpha® parts could damage the unit, and will void the warranty.

**CARBON BRUSH REMOVAL**

1. The carbon brush can be removed from the holder by pulling back the carbon brush spring and moving it to the side as shown in the photo on the left below. After reassembly, press the carbon brush in and out of the holder to make sure it moves freely and the twisted wire is not hitting the wire terminal or spring (see photo below on right).
2. Remove the old carbon brush and disconnect the wire terminal. If the inside of the holder is filled with dust, clean it before installing the new carbon brush. Upon installation of the new carbon brush, make sure the twisted wire is in the slot and behind wire terminals on the holder (as in Figure 17 right photo).

3. With the carbon brush holder removed, you can check and clean the armature commutator. The commutator is the contact points that the carbon brushes ride on when the motor is running.

4. The commutator should be clean and shiny. If it is dull and black, you can clean it with a commutator cleaning stone.

CLEANING THE COMMUTATOR

1. To clean the commutator, press the commutator cleaning stone against the commutator and rotate the armature by turning the spindle shaft by hand. Continue for a minute or until commutator is clean and shiny.

2. Reconnect the power wire, ensuring that the wire path is correct. Reinstall the carbon brush holder into the slot on motor housing.

3. After both carbon brushes have been replaced, you can reassemble the rear cover. Make sure the power wires are in the tool to prevent pinching of the wires.
ALPHA® HIGH-SPEED ANGLE GRINDER SCHEMATIC (HSG-125)
<table>
<thead>
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<th>DESCRIPTION</th>
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<td>130391</td>
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</tr>
<tr>
<td>2</td>
<td>130390</td>
<td>Lock</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>130389</td>
<td>Lock Spring</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>130388</td>
<td>Screw M4×7</td>
<td>2</td>
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<tr>
<td>5</td>
<td>130384</td>
<td>Gear Box Assembly</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>130458</td>
<td>Needle Bearing HK0709F (7×11×9)</td>
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<td>Snap Ring 13.5×1.2</td>
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<td>Lock Flange</td>
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<td>10</td>
<td>130894</td>
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<td>Gearbox Cover</td>
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<td>Gearbox Cover + Washer + O Ring 54×1.5</td>
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<td>Screw M4×12</td>
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<td>Washer 17.2×30×0.2</td>
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<td>Spindle ( 5/8&quot;-11 )</td>
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<td>Protective Cover</td>
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<td>Cutting Wheel</td>
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<td>130410</td>
<td>Air Bridge</td>
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</table>
# ALPHA® HIGH-SPEED ANGLE GRINDER PARTS LIST (HSG-125)

<table>
<thead>
<tr>
<th>DRAWING NO.</th>
<th>PART NO.</th>
<th>DESCRIPTION</th>
<th>PIECES</th>
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<td>31</td>
<td>130069</td>
<td>Fan</td>
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<td>32</td>
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<td>Flange</td>
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<td>33</td>
<td>130419</td>
<td>Ball Bearing 609-2RZ/C3 (9×24×7)</td>
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<td>34</td>
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<td>Armature+Flange +Ball Bearing</td>
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<td>136029</td>
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<td>36</td>
<td>130407</td>
<td>Rear Motor Housing (Blue)</td>
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<td>37</td>
<td>130376</td>
<td>Insulation Disc</td>
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<td>38</td>
<td>130657</td>
<td>Condenser Assembly</td>
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<td>39</td>
<td>130381</td>
<td>Ball Bearing 607-2Z (7×19×6)</td>
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<td>130375</td>
<td>Bearing Sleeve</td>
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<tr>
<td>41</td>
<td>130027</td>
<td>Self-tapping Screw St 3.9 X9.5</td>
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<td>42</td>
<td>130026</td>
<td>Cable Clip</td>
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<td>130415</td>
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<td>Rod Button</td>
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<td>Rod Spring</td>
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<td>Cable</td>
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<td>Self-tapping Screw 3.9 x 19</td>
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<td>Switch</td>
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<td>Outside Flange (20)</td>
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<td>Carbon Brush (2PC)</td>
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SERVICES AND WARRANTY INFORMATION

► LOANER PROGRAM
Loaner tools can be issued to temporarily replace a tool that is being returned to Alpha® for repair. If more than one tool is being returned for repair, the number of loaner tools provided will be based on availability.

If a loaner tool is required, contact Alpha® Tool Department at (800) 648-7229 to receive a Loaner Tool Application. A valid credit card number must be provided as a security deposit. The credit card will only be charged if the loaner tool is not returned to Alpha® within 30 days. An authorized signature is required for the credit card being used. A second signature is required as an agreement of the overall policy.

► NEED MORE INFORMATION
For information on Alpha Professional Tools® complete product line, visit us on the web at www.alpha-tools.com

► WARRANTY

**Limited Warranty of Alpha® High-Speed Angle Grinder**
Alpha Professional Tools® warrants this product against defects in material and workmanship for a period of 180 days from the date of original retail purchase (proof of purchase required). If Alpha Professional Tools® receives notice of such defects during the warranty period, our obligation assumed under this warranty is limited to the repair or replacement of parts, without charge. This warranty does not apply to tool accessories.

For Warranty Claims: Send complete tool with all your information and details of the problem to your nearest Alpha® Repair Center, transportation prepaid. Do not send tool accessories.
For more information concerning Alpha® tool repair service, please contact the Alpha® regional repair centers listed below:

COMPANY HEADQUARTERS: Alpha Professional Tools®
103 Bauer Drive
Oakland, NJ 07436

Hours of Operation: 8:30 a.m. – 5:00 p.m. EST
Telephone Number: 201-337-3343
Toll-Free Number: 800-648-7229

FACTORY SERVICE AND TRAINING CENTER:
3625 W. Teco Ave.,
Suite #5
Las Vegas, NV 89118

Hours of Operation: 7:30 a.m. – 4:00 p.m. PST
Telephone Number: 702-837-9515
<table>
<thead>
<tr>
<th>Model No.</th>
<th>Serial No.</th>
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</thead>
<tbody>
<tr>
<td></td>
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</table>

**Company Name:** ______________________________________________

**Name:** ______________________________________________________

**Address:** ____________________________________________________

**City:** _______________________ **State:** ________ **Zip:** ________________

**Telephone:** ___________________________________________________

**Purchase Date:** _______________________________________________

**Dealer’s Name:** _______________________________________________

**Note:** Serial & Model Number must be included for proper registration.

---

**Mail or Fax to:**  
Alpha Professional Tools®  
103 Bauer Drive, Oakland, NJ 07436  
Fax: 800-286-0114  

Photocopy of product registration form will be accepted.