

Genesis

GCOT335

3" High-Speed Electric Cut-Off Tool

Tronçonneuse à métaux électrique haute vitesse de 7,6 cm

Herramienta eléctrica de corte de alta velocidad, de 3"

Operator's Manual

Manuel d'utilisation

Manual del Operario



TOLL FREE

HELP LINE:

888-552-8665

WEBSITE:

www.genesispowertools.com

SPECIFICATIONS

- Model:----- GCOT335
- Rated Power: ----- 120V~/60Hz, 3.5 Amp
- No Load Speed: ----- 24,000 RPM
- Disc Size: ----- 3" (76mm)
- Max Cutting Depth: ----- 1" (25mm)
- Net Weight: ----- 3.2 lbs

Includes: 3" Cut-off Disc, Arbor Wrench and Hex key

⚠ WARNING: To reduce the risk of injury, user must read and understand this operator's manual before operating this tool. Save this Manual for future reference.

Toll-Free Help Line: 1-888-552-8665



⚠ WARNING: The Operation of any power tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning tool operation, always wear safety goggles or safety glasses with side shields and a full face shield when needed. We recommend Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields. Always wear eye protection which is marked to comply with ANSI Z87.1.



Look for this symbol to point out important safety precautions. It means attention!!! Your safety is involved.

GENERAL SAFETY RULES

⚠ 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.
- Arsenic and chromium from chemically treated lumber.

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.

⚠ WARNING: Read and understand all warnings, cautions and operating instructions before using this equipment. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

SAVE THESE INSTRUCTIONS

WORK AREA SAFETY

- **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 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

- **Power tool plugs must match the outlet.** Never modify the plug in any way. Do not use any adaptor plugs in any earthed (grounded) power tools. Double insulated tools are equipped with a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install a polarized outlet. Do not change the plug in any way. Double insulation eliminates the need for the three wire grounded power cord and grounded power supply system.
- **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- **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 grounded.
- **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 cords increase the risk of electric shock.
- **When operating a power tool outside, use an extension cord suitable for outdoor use.** These cords are rated for outdoor use and reduce the risk of electric shock.
- **Do not use AC only rated tools with a DC power supply.** While the tool may appear to work. The electrical components of the AC rated tool are likely to fail and rate a hazard to the operator.

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.
- **Use safety equipment.** Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection for appropriate conditions will reduce personal injuries.
- **Dress properly.** Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts. Air vents may cover moving parts and should be avoided.
- **Avoid accidental starting.** Ensure the switch is in the off position before plugging in. Carrying power tool with your finger on the switch or plugging in power tools that have the switch on invites accidents.
- **Remove any adjusting keys or wrenches before turning the power tool on.** A wrench or key that is left attached to a rotating part of the tool may result in personal injury.
- **Do not overreach.** Maintain proper footing and balance at all times. Loss of balance can cause an injury in an unexpected situation.
- **If devices are provided for connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of these devices can reduce dust related hazards.
- **Do not use a ladder or unstable support.** Stable footing on a solid surface enables better control of the tool in unexpected situations.
- **Keep tool handles dry, clean and free from oil and grease.** Slippery handles cannot safely control the tool.

TOOL USE AND CARE

- **Secure the workpiece.** Use clamp or other practical way to hold the workpiece to a stable platform. Holding the workpiece by hand or against your body is unstable and may lead to loss of control.
- **Do not force the power tool.** The tool will perform the job better and safer at the feed rate for which it is designed. Forcing the tool could possibly damage the tool and may result in personal injury.
- **Use the correct power tool for the job.** Don't force the tool or attachment to do a job for which it is not 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 or replaced by an authorized service center.

- **Turn power tool off, and disconnect the plug** from the power source and/or battery pack from the power tool before making any adjustments, changing the accessories, or storing the tools. Such preventive safety measures reduce the risk of an accidental start up which may cause personal injury.
- **Store idle tool out of reach of children and other inexperienced persons.** It is dangerous in the hand of untrained users.
- **Maintain power tools with care.** Check for proper alignment and binding of moving parts, component breaks, and any other conditions that may affect the tool's operation. A guard or any other part that is damaged must be properly repaired or replaced by an authorized service center to avoid risk of personal injury.
- **Use recommended accessories.** Using accessories and attachments not recommended by the manufacturer or intended for use on this type tool may cause damage to the tool or result in personal injury to the user. Consult the operator's manual for recommended accessories.
- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **Feed the workpiece in the correct direction and speed.** Feed the workpiece into a blade, cutter, or abrasive surface against the direction of the cutting tool's direction of rotation only. Incorrectly feeding the workpiece in the same direction may cause the workpiece to be thrown out at high speed.
- **Never leave the tool running unattended, turn the power off.** Do not leave the tool until it comes to a complete stop.
- **Never start the power tool when any rotating component is in contact with the workpiece.**

⚠ WARNING: USE OF THIS TOOL CAN GENERATE AND DISBURSE DUST OR OTHER AIRBORNE PARTICLES, INCLUDING WOOD DUST, CRYSTALLINE SILICA DUST AND ASBESTOS. Direct particles away from face and body. Always operate tool in a well-ventilated area and provide for proper dust removal. Use dust collection system wherever possible. Exposure to the dust may cause serious and permanent respiratory or other injury, including silicosis (a serious lung disease), cancer, and death. Avoid breathing the dust, and avoid prolonged contact with the dust. Allowing dust to get into your mouth or eyes, or lay on your skin may promote absorption of harmful material. Always use properly fitting NIOSH/OSHA approved respiratory protection appropriate for dust exposure, and wash exposed areas with soap and water.

SERVICE

- **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.
- **Service your power tool periodically.** When cleaning a tool, be careful not to disassemble any portion of the tool since internal wires may be misplaced or pinched.

SAVE THESE INSTRUCTIONS

EXTENSION CORDS

Grounded tools require a three wire extension cord. Double insulated tools can use either a two or three wire extension cord. As the distance from the power supply outlet increases, you must use a heavier gauge extension cord. Using extension cords with inadequately sized wire causes a serious drop in voltage, resulting in loss of power and possible tool damage. Refer to the table shown below to determine the required minimum wire size.

The smaller the gauge number of the wire, the greater the capacity of the cord. For example: a 14-gauge cord can carry a higher current than a 16-gauge cord. When using more than one extension cord to make up the total length, be sure each cord contains at least the minimum wire size required. If you are using one extension cord for more than one tool, add the nameplate amperes and use the sum to determine the required minimum wire size.

Guidelines for Using Extension Cords

- If you are using an extension cord outdoors, be sure it is marked with the suffix “W-A” (“W” in Canada) to indicate that it is acceptable for outdoor use.
- Be sure your extension cord is properly wired and in good electrical condition. Always replace a damaged extension cord or have it repaired by a qualified person before using it.
- Protect your extension cords from sharp objects, excessive heat, and damp or wet areas.

Recommended Minimum Wire Gauge for Extension Cords (120 Volt)

Nameplate Amperes (At Full Load)	Extension Cord Length					
	25 Feet	50 Feet	75 Feet	100 Feet	150 Feet	200 Feet
0–2.0	18	18	18	18	16	16
2.1–3.4	18	18	18	16	14	14
3.5–5.0	18	18	16	14	12	12
5.1–7.0	18	16	14	12	12	10
7.1–12.0	18	14	12	10	8	8
12.1–16.0	14	12	10	10	8	6
16.1–20.0	12	10	8	8	6	6

SPECIFIC SAFETY RULES FOR CUT-OFF TOOLS

⚠ WARNING: DO NOT LET COMFORT OR FAMILIARITY WITH PRODUCT (GAINED FROM REPEATED USE) REPLACE STRICT ADHERENCE TO PRODUCT SAFETY RULES. If you use this tool unsafe or incorrectly, you can suffer serious personal injury!

- **Hold the tool by insulated gripping surfaces** when performing an operation where the tool may contact hidden wiring. Contact with a “live” wire will make exposed metal parts of the tool “live” and shock the operator.
- **Operations such as grinding, sanding, wire brushing or polishing are not recommended** to be performed with this power tool. Operations for which the power tool was not designed may create a hazard and cause personal injury.
- **Do not use accessories which are not specifically designed and recommended** by the tool manufacturer. Just because the accessory can be attached to your power tool, it does not assure safe operation.
- **Wear eye and hearing protection.** Always use safety glasses with side shields. Unless otherwise specified, everyday glasses provide only limited impact resistance, they are not safety glasses. Use only certified safety equipment; eye protection equipment should comply with ANSI z87.1 standards. Protective hearing equipment should comply with ANSI s3.19 standards.
- **Protect your lungs.** Wear a face or dust mask if the operation is dusty. Following this rule will reduce the risk of personal injury.
- **Keep bystanders a safe distance away from work area.** Anyone entering the work area must wear personal protective equipment. Fragments of workpiece or of a broken accessory may fly away and cause injury beyond immediate area of operation
- **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 into the spinning accessory.
- **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.
- **Do not run the power tool while carrying it at your side.** Accidental contact with the spinning accessory could snag your clothing, pulling the accessory into your body.
- **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.
- **Do not operate the power tool near flammable materials.** Sparks could ignite these materials.

- **Do not use accessories that require liquid coolants.** Using water or other liquid coolants may result in electrocution or shock
- **Causes and operator prevention of Kickback:**

Kickback is a sudden reaction to a pinched or snagged rotating cutting disc. Pinching or snagging causes rapid stalling of the rotating disc 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 the cutting disc is snagged or pinched by the workpiece, the edge of the wheel that is entering into the pinch point can dig into the surface of the material causing the wheel to climb out or kick out. The wheel may either jump toward or away from the operator, depending on direction of the wheel's movement at the point of pinching. Cutting discs may also break under these conditions.

Kickback is the result of power tool misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below:

- > Maintain a firm grip on the power tool and position your body and arm to allow you to resist kickback forces. Always use auxiliary handle, if provided, for maximum control over kickback or torque reaction during start-up. The operator can control torque reactions or kickback forces, if proper precautions are taken.
- > Never place your hand near the rotating accessory. Accessory may kickback over your hand.
- > Do not position your body in the area where 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.
- > Use special care when working corners, sharp edges etc. Avoid bouncing and snagging the accessory. Corners, sharp edges or bouncing have a tendency to snag the rotating accessory and cause loss of control or kickback.
- > Do not attach a saw chain woodcarving blade, or toothed saw blade. Such blades create frequent kickback and loss of control.
- > Use only wheel types that are recommended for your power tool and the specific guard designed for the selected wheel. Wheels for which the power tool was not designed cannot be adequately guarded and are unsafe.
- > The guard must be securely attached to the power tool and positioned for maximum safety, so the least amount of wheel is exposed towards the operator. The guard helps to protect operator from broken wheel fragments and accidental contact with wheel.
- > Wheels must be used only for recommended applications. For example: do not grind with the side of the cut-off wheel. Abrasive cut-off wheels are intended for peripheral grinding, side forces applied to these wheels may cause them to shatter.
- > Always use undamaged wheel flanges that are of correct size and shape for your selected wheel. Proper wheel flanges support the wheel thus reducing the possibility of wheel breakage. Flanges for cut-off wheels may be different from grinding wheel flanges.
- > Do not use worn down wheels from larger power tools. Wheel intended for larger power tools are not suitable for the higher speed of a smaller tool and may burst.
- > Do not jam the cut-off wheel or apply excessive pressure. Do not attempt to make an excessive depth of cut. Overstressing the wheel increases the loading and susceptibility to twisting or binding of the wheel in the cut and the possibility of kickback or wheel breakage.
- > Do not position your body in line with and behind the rotating wheel. When the wheel, at the point of operation, is moving away from your body, the possible kickback may propel the spinning wheel and the power tool directly at you.
- > When cut-off disc is binding or when interrupting a cut for any reason, switch off the power tool and hold the power tool motionless until the wheel comes to a complete stop. Never attempt to remove the cut-off wheel from the cut while the wheel is in motion otherwise kickback may occur. Investigate and take corrective action to eliminate the cause of wheel binding.
- > Do not restart the cutting operation in the workpiece. Let the wheel reach full speed and carefully reenter the cut. The cut-off disc may bind, walk up or kickback if the power tool is restarted in the workpiece.
- > Support panels or any oversized workpiece to minimize the risk of cut-off disc pinching and kickback. Large workpieces tend to sag under their own weight. Supports must be placed under the workpiece near the line of cut and near the edge of the workpiece on both sides of the cut-off disc.












- > Use extra caution when making a pocket cut into existing walls or other blind areas. The protruding wheel may cut gas or water pipes, electrical wiring or objects that can cause kickback.

⚠ WARNING: Read and understand all warnings, cautions and operating instructions before using this equipment. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

SAVE THESE INSTRUCTIONS

SYMBOLS

Some of the following symbols may appear on this product. Study these symbols and learn their meaning. Proper interpretation of these symbols will allow for more efficient and safer operation of this product.

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
V	Volts	 or A.C.	Alternating current
A	Amperes	 or D.C.	Direct current
Hz	Hertz		Class II construction Double Insulated construction
W	Watts		Warning symbol. Precautions that involve your safety
n_o	No Load Speed		To reduce the risk of injury, read Operator's Manual before using this product.
kg	Kilograms		Wear safety glasses, ear protection and respiratory protection
H	Hours		Do not dispose with household waste
RPM	Revolutions per minute		Do not touch the running blade
SPM	Strokes per minute		Do not use in wet conditions
OPM	Oscillations per minute		Do not put battery in fire
.../min	Per minute		Battery cannot exceed 59° C



This symbol designates that this product is listed with U.S. and Canada requirements by ETL testing Laboratories, Inc.

KNOWING YOUR CUT-OFF TOOL

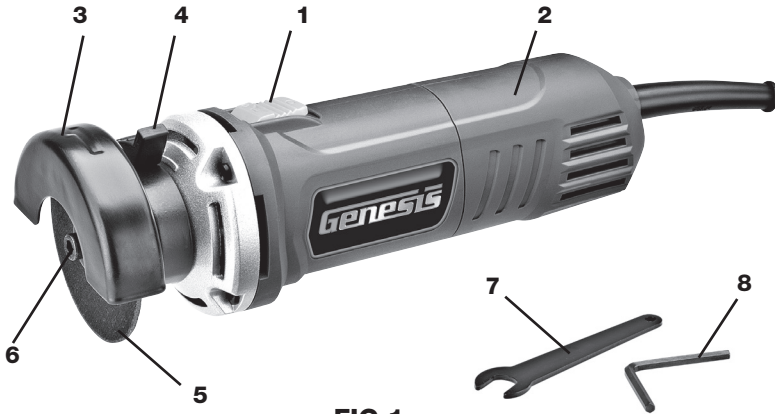


FIG 1

- | | | | |
|----|---------------------|----|--------------------|
| 1. | ON/OFF Switch | 5. | Cut-Off Disc |
| 2. | Motor | 6. | Disc Locking Screw |
| 3. | Guard | 7. | Arbor Wrench |
| 4. | Guard Locking Lever | 8. | Hex Key |

UNPACKING AND CONTENTS

IMPORTANT: Due to modern mass production techniques, it is unlikely the tool is faulty or that a part is missing. If you find anything wrong, do not operate the tool until the parts have been replaced or the fault has been rectified. Failure to do so could result in serious personal injury.

CONTENTS IN PACKAGE

Description	Q'ty	Description	Q'ty
Cut-Off Tool	1	Hex Key	1
Cut-Off Disc	1	Operator's Manual	1
Arbor Wrench	1		

ASSEMBLY AND ADJUSTMENTS

⚠ WARNING: Always be sure that the tool is switched off and unplugged before adjusting, adding accessories, or checking a function on the tool.

INSTALLING THE GUARD (FIG 2)

⚠ WARNING: The guard must be installed and properly positioned before installing a cutting disc or operating the tool.

- Unplug the tool.
- Pull the guard locking lever (1) outward from its locked position.
- Slide the guard mounting clamp (2) over the guard mount (4) on the tool.

NOTE: Place the detent (6) so it will slide over the slot (5) in the guard mount

- When the guard clamp is fully onto the guard mount, rotate the guard 180° so it is positioned at the top of the tool.
- Press the guard locking lever firmly inward toward the tool to lock the guard (3) on to the tool.

INSTALLING THE CUT-OFF DISC (FIG 3)

⚠ WARNING: Make sure the replacement cut-off disc is rated for at least 24,000 RPM and is in good condition.

1. Unplug the tool.
2. Place the arbor wrench (1) on the flat part of the spindle.
3. While holding the arbor wrench, using Hex key (2) provided, remove the disc locking screw (3) by turning it counterclockwise.
4. Remove the outer flange washer (4).
5. Slide the cut-off disc (5) over the spindle shoulder and rest it flat against the inner flange (6).
6. Reinstall and tighten the outer flange washer and the disc locking screw.

⚠ WARNING: Once the disc locking screw is firmly tightened, hold the tool so the guard is between you and the cut-off disc and turn the tool ON. If the cut-off disc wobbles or the tool vibrates, turn the tool OFF immediately and investigate and correct the cause.

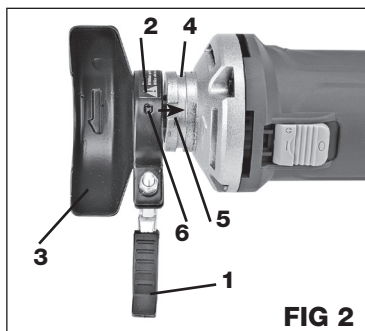


FIG 2

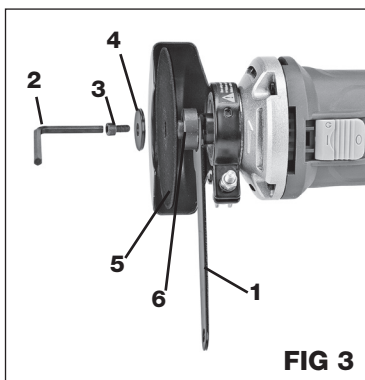


FIG 3

OPERATION

STARTING AND STOPPING THE TOOL (FIG 4)

⚠ WARNING: Before plugging in the tool, always check to see that the tool is switched off. Accidentally starting the saw could cause personal injury.

The tool has a combination Lock-Off and ON/OFF switch to prevent from unintentional starting of the tool.

To start the tool

1. Press downward on the rear part of the switch (1) with your thumb.
2. While pressing the rear part of the switch, slide the switch forward to start the tool. See figure 4.

NOTE: The ON/OFF switch will click into the Lock-On position when pushed fully forward. The tool will continue to operate until the switch is turned off.

NOTE: Always let the disc reach full speed before guiding the tool into the workpiece.

⚠ WARNING: The cut-off disc coming into contact with the workpiece before reaching full speed could cause your tool to KICKBACK towards you, resulting in serious personal injury.

To stop the tool, press downward on the rear part of the switch. Allow the disc to come to a complete stop.

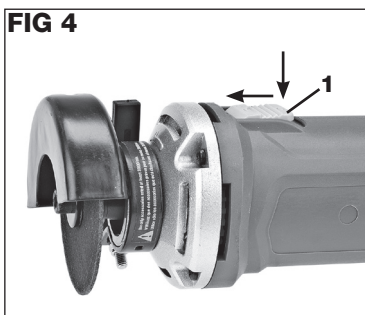


FIG 4

APPLICATION

GENERAL CUTTING

⚠ WARNING: Always clamp the workpiece firmly into a vise or to a stable work surface. Never hold the workpiece with one hand and the tool with the other hand. Severe injury may result.

⚠ WARNING: Always wear appropriate eye, ear and breathing protection and protective clothing when operating the cut-off tool.

1. Mark the workpiece where the cut is to be made.
2. Firmly clamp the workpiece in a vise or to a stable work surface.
3. Grasp the tool with both hands, turn the tool ON and wait until it reaches full speed.
4. Carefully place the edge of the cutting disc onto the workpiece surface.
5. While cutting, keep the tool moving over the workpiece, while maintaining a steady pressure on the cut-off disc.

NOTE: Do not force the tool by applying too much pressure. The tool will slow down and will not cut properly. It will also damage the motor.

6. When the cut is completed, release the ON/OFF switch and allow the cut-off disc to stop before putting the tool down.

MAINTENANCE

CLEANING

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean cloths to remove dirt, dust, oil, grease, etc.

⚠ WARNING: Do not at any time let brake fluids, gasoline, petroleum-based products, penetrating oils, etc., come in contact with plastic parts. Chemicals can damage, weaken or destroy plastic which may result in serious personal injury.

Electric tools used on fiberglass material, wallboard, spackling compounds, or plaster are subject to accelerated wear and possible premature failure because the fiberglass chips and grindings are highly abrasive to bearings, brushes, commutators, etc. Consequently, we do not recommend using this tool for extended work on these types of materials. However, if you do work with any of these materials, it is extremely important to clean the tool using compressed air.

LUBRICATION

This tool is permanently lubricated at the factory and requires no additional lubrication.

TWO-YEAR WARRANTY

This product is warranted free from defects in material and workmanship for 2 years after date of purchase. This limited warranty does not cover normal wear and tear or damage from neglect or accident. The original purchaser is covered by this warranty and it is not transferable. Prior to returning your tool to store location of purchase, please call our Toll-Free Help Line for possible solutions.

THIS PRODUCT IS NOT WARRANTED IF USED FOR INDUSTRIAL OR COMMERCIAL PURPOSES. ACCESSORIES INCLUDED IN THIS KIT ARE NOT COVERED BY THE 2 YEAR WARRANTY.

TOLL-FREE HELP LINE

For questions about this or any other GENESIS™ Product, please call Toll-Free: **888-552-8665.**

Or visit our web site: **www.genesispowertools.com**

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Genesis

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