Genesis GMT35T 3.5A Variable Speed Oscillating Tool Instruction Manual

Contents

1 Genesis GMT35T 3.5A Variable Speed Oscillating Tool
2 Product Information
3 Product Usage Instructions
4 GENERAL SAFETY RULES
5 PERSONAL SAFETY
6 TOOL USE AND CARE
7 SERVICE
8 SAVE THESE INSTRUCTIONS
9 SYMBOLS
10 UNPACKING & CONTENTS
11 CONTENT IN PACKAGE
12 SPECIFICATIONS
13 PRODUCT OVERVIEW
14 ASSEMBLY & ADJUSTMENTS
15 OPERATION
16 APPLICATIONS & ACCESSORIES
17 APPLICATIONS & ACCESSORIES
18 MAINTENANCE
19 TWO-YEAR WARRANTY
20 TOLL-FREE HELP LINE
21 CONTACT
22 Documents / Resources
22.1 References

Genesis GMT35T 3.5A Variable Speed Oscillating Tool

Product Information

- **Product Name:** GMT35T
- **Description:** 3.5A Variable Speed Oscillating Multi-Tool
- **Languages:** English, French, Spanish
- **Manufacturer:** Genesis Power Tools
- **Contact Information:** 888-552-8665 (Toll-Free Help line), www.genesispowertools.com.

Product Usage Instructions

Safety Precautions:

- Always read and understand all warnings, cautions, and operating instructions before using the equipment.
- Wear safety glasses to protect your eyes from any foreign objects.
- Work in a well-ventilated area to reduce exposure to chemicals.
- Use approved safety equipment, such as dust masks, when working with potentially harmful particles.
- Ensure proper electrical safety by using grounded tools and extension cords.
- Follow all general safety rules provided in the manual.

Tool Use and Care:

- When using the tool, always hold it by insulated gripping surfaces to prevent contact with hidden wiring or its own cord.
- Do not let comfort or familiarity replace adherence to product safety rules.
- Follow specific safety rules for oscillating multi-tools.

Service: If the tool requires servicing, contact the manufacturer's help line for assistance or refer to the provided manual for instructions.
Extension Cords: Use extension cords with adequate size conductors to prevent excessive voltage drop, power loss, or overheating. Grounded tools must use 3-wire extension cords with 3-prong plugs and receptacles. Refer to the recommended minimum wire gauge table for extension cord selection.

Nameplate	Extension Cord Length (Feet)	Amperes (At Full Load)
18	25	18
18	50	18
18	75	18
18	100	18
18	150	16
18	200	16
18	25	18
18	50	18
18	75	16
18	100	14
18	150	14
18	200	14
18	25	18
16	50	18
14	75	16
12	100	12
12	150	12
10	200	10
18	25	18
14	50	14
12	75	10
10	100	8
8	150	8
8	200	6
14	25	18
12	50	12
10	75	10
10	100	10
8	150	8
6	200	6

Note: The smaller the gauge number, the heavier the cord.
Language: The provided manual is available in English, French, and Spanish.|
Contact Information: If you need further assistance or have any questions, contact the manufacturer’s toll-free

help line at 888-552-8665 or visit their website at **www.genesispowertools.com**. *Please refer to the complete user manual for detailed instructions and additional safety information.* Look for this symbol to point out important safety precautions. It means attention!!! Your safety is involved.
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.
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.

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.

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, nonskid 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 otherpractical 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 a tool if the 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 the 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 tools 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.
- Only 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.

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

If an extension cord is necessary, a cord with adequate-size conductors that is capable of carrying the current necessary for your tool must be used. This will prevent excessive voltage drop, loss of power or overheating. Grounded tools must use 3-wire extension cords that have 3-prone plugs and receptacles.
NOTE: The smaller the gauge number, the heavier the cord.

EXTENSION CORDS

recommended Minimum Wire Gauge for extension Cords (120 Volt)						
nameplate Amperes (At Full load)	**extension Cord length (Feet)**					
	25	**50**	**75**	**100**	**150**	**200**
0–2	18	18	18	18	16	16
2–3.5	18	18	18	16	14	14
3.5–5	18	18	16	14	12	12
5–7	18	16	14	12	12	10
7–12	18	14	12	10	8	8
12–16	14	12	10	10	8	6

SPECIFIC SAFETY RULES FOR OSCILLATING MULTI-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 unsafely or incorrectly, you can suffer serious personal injury!
Warning: Hold the tool by insulated gripping surfaces when performing an operation where cutting tools 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!

- Always hold the tool firmly. Do not leave the tool running unless hand held.
- Check your work area for proper clearances before cutting. This will avoid cutting into your workbench, the floor, etc.
- Do not cut nails or screws unless you are using a blade specifically designed for this purpose. Inspect your material before cutting.
- Before switching on the tool, be sure the blade is not contacting the work piece.
- Do not use the tool if the switch does not turn it on or off. Any tool which can not be controlled by the switch is dangerous and must be repaired.
- Wear cushioned protective gloves to minimize the vibration. Excessive vibration may cause personal injury.
- Do not wet-sand with this tool. Water or moisture entering the motor housing can cause electric shock and serious personal injury.
- Always make sure that the tool is switched off and unplugged before adjusting, adding accessories, or checking a function on the tool.

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.

SYMBOLS

IMPORTANT: Some of the following symbols may be used on your tool and appear throughout the manual. Please study them and learn their meaning for critical information to operate the tool safely.

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

UNPACKING & 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.

CONTENT IN PACKAGE

Description/Quantity

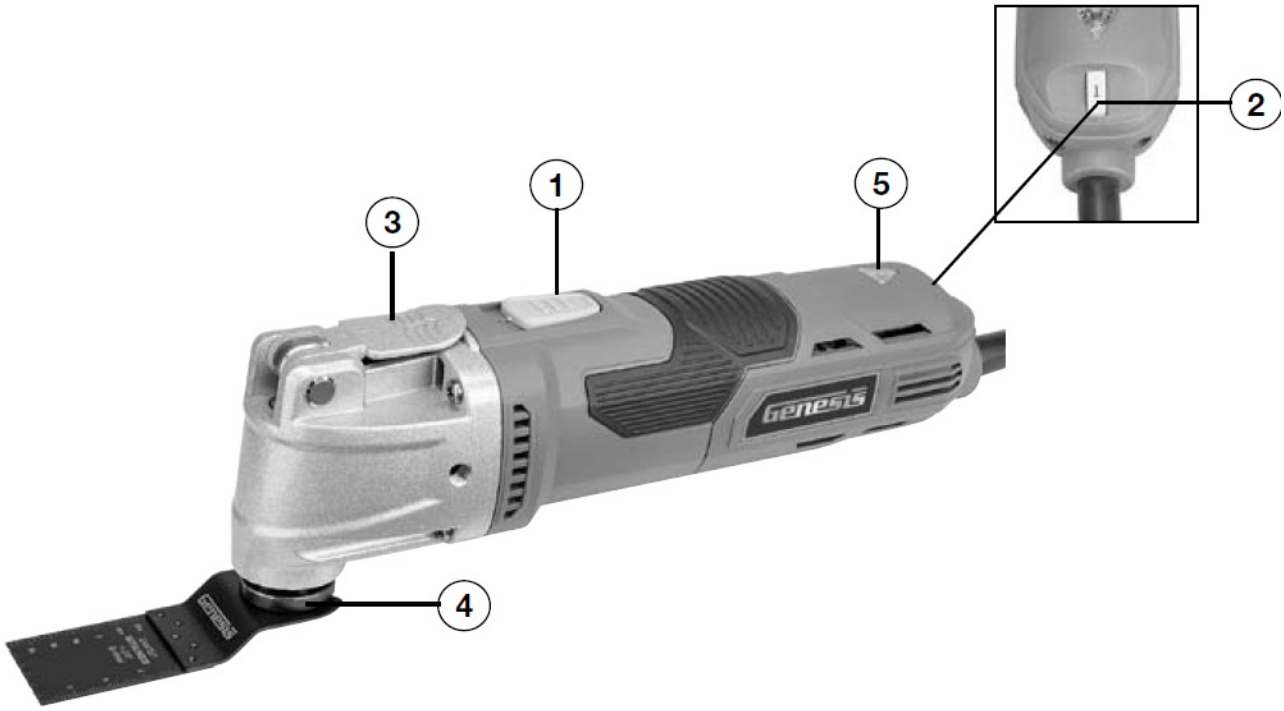
- Oscillating Multi-Tool 1
- Bi-Metal Flush Cut Blade 1-3/8″ 1
- Segmented Saw Blade 3-1/8″ 1
- Coarse Tooth Flush Cut Blade 1-3/4″ 1
- Carrying Bag 1
- Delta Hook & Loop Sanding Pad 1
- Sandpaper Assortment 12
- Storage Case 1
- Operator’s Manual 1

SPECIFICATIONS

- Rated Power …….. 120V~, 60Hz, 3.5A
- No-Load Speed ……. 10,000-20,000 OPM
- Oscillation Angle ……. 3.7°
- Net Weight …… 3.2 lb

PRODUCT OVERVIEW

FIG 1



1. ON/OFF Switch
2. Variable Speed Dial
3. Accessory Quick-Change Lever
4. Flanges
5. Power Indicator

ASSEMBLY & ADJUSTMENTS

Warning: Always be sure that the tool is switched off and unplugged before adjusting, installing accessories, or checking a function of the tool.

INSTALLING AND REMOVING ACCESSORIES (FIG 2 & 3)

1. Flip the Accessory Quick-Change Lever (3) forward completely to the unlocked position. See FIG 2.

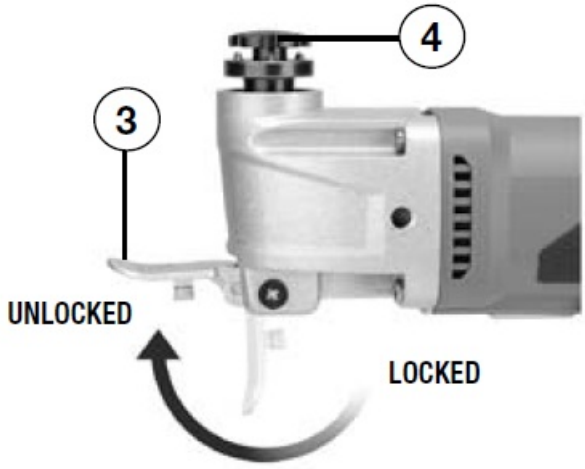


FIG 2

2. Slide the open-end of the accessory into the gap between the blade flange (4a) and the shaft flange (4b). The shaft flange of this tool comes with a 6-pin design. Place the accessory over the pins on the shaft flange. Make sure the holes on the accessory properly engage 4 of those 6 pins.

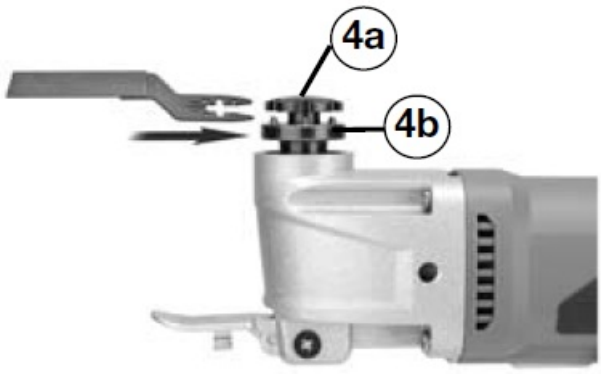


FIG 3

3. Flip the Accessory Quick-Change Lever (3) back to locked position to secure the accessory in place.

NOTE: Some accessories, such as a saw blade, may be mounted either straight on the tool, or at an angle to enhance usability. Always make sure 4 of the 6 pins are engaged as described in step 2 above.
NOTE: For maximum sandpaper life, rotate the pad or sandpaper 120° when a tip of sandpaper becomes worn.
To Remove Accessories from the Tool, flip the Accessory Quick-Change Lever forward completely, disengage the accessory from the pins and pull the accessory off the tool.
Warning: Accessories which have just been used may be hot. Allow accessories to cool before attempting to remove.

OPERATION

Warning: To reduce the risk of serious personal injuries, read and follow all important safety warning and instructions before using this tool.
Warning: Always be sure the tool is disconnected from the power source before making any adjustments or setting up prior to cutting. Failure to disconnect or unplug the tool may cause accidental starting, resulting in serious personal injury.

POWER INDICATOR

When the tool is plugged into a working outlet, the power indicator LED (5-FIG 1) should illuminate red letting you know the tool is powered.

STARTING AND STOPPING THE TOOL (FIG 4)

- **To Start the Oscillating Multi-Tool, slide the ON/**
  OFF switch (1) forward to ON position.
- **To Stop the Oscillating Multi-Tool, slide the ON/OFF**
  switch (1) backward to OFF position.

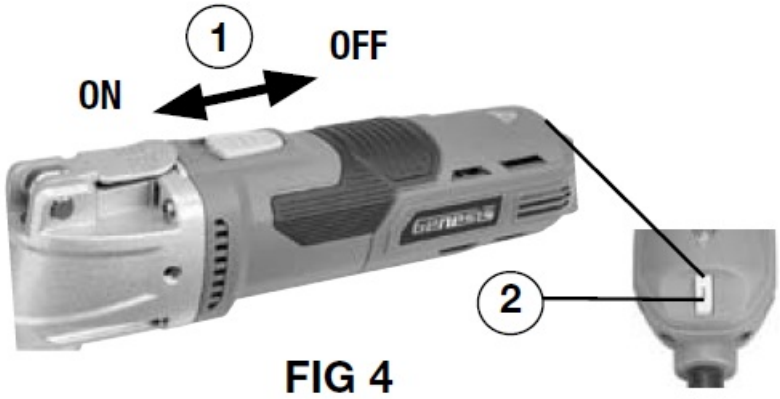


FIG 4

VARIABLE SPEED DIAL (FIG 4)

Your oscillating multi-tool has a variable speed control dial (2) located at the rear end of the tool. You may select the oscillating speed by rotating the control dial. Setting 6 is the maximum speed (20,000 OPM) and setting 1 is

the minimum speed (10,000 OPM). The variable speed control allows the tool to be set up at an optimum speed based on the accessory and the materials being used on. High oscillating speed recommended for: Sanding, Sawing, and Rasping wood or metals. Low oscillating speed recommended for: Scraping painted wood and Removing caulk or adhesives.

APPLICATIONS & ACCESSORIES

NOTE: The accessories in this section may or may not be included with the tool. Please refer to the unpacking and contents section for a list of included accessories.
NOTE: Recommended accessories for this tool are the GENESIS® Universal Quick- Fit oscillating tool accessories. Please refer to the “Genesis Oscillating Tool Accessory Reference Guide” enclosed for details. This oscillating multi-tool is intended for cutting and sanding wood, plastic, plaster and non-ferrous metals. It is especially suitable for cutting in tight spaces and for flush cutting. Following are a few typical uses.
CUTTING (FIG 5 & 6)
Use a flush cutting saw blade (or “e-cut blade”) for making precise cuts in tight areas, close to edges, plunge or flush to a surface. It is important not to force the tool during the flush cutting. If you are experiencing a strong vibration during cut, it indicates too much hand pressure is on the tool. Back off on the pressure and let the speed of the tooldo the work. See FiG 4, 5 for examples of using the flush cutting saw blade.
NOTE: It is suggested that you have a piece of scrap material supporting the blade when making a flush cut. If you need to rest the blade on a delicate surface, you need to use cardboard or masking tape to protect the surface.

FIG 5

FIG 6

FIG 7

SEGMENTED SAW BLADE (FIG 7)
Use the segmented saw blade for making continuous precise cuts in wood, plastic or drywall material. Applications include: cutting openings for electrical boxes, repairing flooring, cutting flooring for venting, and more.
SANDING (FIG 8)
Using sanding accessories, this tool is a detail sander. It is suitable for dry sanding of wood, plastic, and metal surfaces, especially in corners, edges and hard to reach areas.

Tips:

1. Work with the complete surface of the sandpaper, not only with the tip.
2. Sand with continuous motion and light pressure. Do not apply excessive pressure. Let the tool do the work.
3. Always secure small work pieces.
4. Select suitable abrasive paper for best results.

FIG 8

FIG 9

SCRAPING (FIG 9)
Scraper blades are suitable for removing vinyl, varnish, paint layers, carpeting, caulk and other adhesives. Use a rigid scraper blade to remove harder materials, such as vinyl flooring, carpeting and tile adhesives in a large area. Use a flexible scraper blade to remove softer material such as caulk.

Tips:

1. When removing strong, tacky adhesive, grease the scraper blade surface to reduce gumming up.
2. Begin with light pressure. The oscillating motion of accessory only occurs when pressure is applied to the material to be removed.
3. If you are removing caulk from a delicate surface, such as a bath tub or tile back splash, we recommend taping to protect the surface that the blade will rest on.

APPLICATIONS & ACCESSORIES

GROUT REMOVAL (FIG 10)
Use a grout removal blade to remove damaged or cracked grout, or in order to replace a damaged or broken tile.

To remove the grout, use a back and forth motion, making several passes along the grout line. Be careful not to apply too much side pressure on the grout blade.

FIG 10

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 the 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 the 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.

CONTACT

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- Toll-Free Help Line:
- LIGNE D'ASSISTANCE SANS FRAIS :
- LÍNEA DE AYUDA GRATUITA:
- 888-552-8665
- www.genesispowertools.com.

Documents / Resources

	Genesis GMT35T 3.5A Variable Speed Oscillating Tool [pdf] Instruction Manual GMT35T, GMT35T 3.5A Variable Speed Oscillating Tool, 3.5A Variable Speed Oscillating Tool, Variable Speed Oscillating Tool, Oscillating Tool

References

- Home - Genesis Power Tools