

Genesis

GLSD72A

7.2V Lithium-ion Screwdriver

Tournevis de 7,2 V au Lithium-ion

Destornillador de Litio-ion de 7,2 V

Operator's Manual

Manuel d'utilisation

Manual del Operario



TOLL FREE
HELP LINE:

888-552-8665

WEBSITE: www.genesispowertools.com

7.2V LITHIUM-ION SCREWDRIVER

Operator's Manual

SPECIFICATIONS:

- Model: GLSD72A
- Input: 7.2V DC
- No Load Speed: 200/400 RPM Reversible
- Chuck: 1/4" Hex, quick-change
- Torque Settings: 16
- Battery Type: Lithium-Ion
- Battery Capacity: 1300 mAh
- Charger Input: 120v~/ 60 Hz
- Recharging Time: 3-5 Hours
- Net Weight: 1 lb

Includes: Charging Adaptor, (4) Quick-Change Hex-Shank Drill Bits, and (4) Screwdriver bits

⚠ 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, and
- 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 adapter 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 work piece.** Use clamp or other practical way to hold the work piece to a stable platform. Holding the work piece 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 work piece in the correct direction and speed.** Feed the work piece into a blade, cutter, or abrasive surface against the direction of the cutting tool's direction of rotation only. Incorrectly feeding the work piece in the same direction may cause the work piece 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 work piece.**

BATTERY TOOL USE AND CARE

- **Ensure the switch trigger is in the off position before inserting battery pack.** Inserting the battery pack into power tools that have the switch on invites accidents.
- **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- **Use battery tools only with specified battery pack.** Use of any other battery packs may create a risk of injury and fire.
- **Avoid storing battery pack in a container with other metal objects** such as nails, coins, clips, keys, screws, or other small metal objects that can make a connection from one terminal to another. Always protect the battery terminals when battery pack is not being used. Connecting the battery terminals together may cause burns or a fire.
- **Under abusive conditions, liquid may be ejected from the battery.** Avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- **Battery tools do not need to be plugged into an electrical outlet,** therefore, they are always in operation condition. Be aware of possible hazards when not using your battery tool or when changing accessories. Following this rule will reduce the risk of electric shock, fire or personal injury.

⚠ 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.

⚠ 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

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 CORDLESS SCREWDRIVERS

⚠ 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!

⚠ WARNING: Hold 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!

- **Do not leave the tool running.** Operate the tool only when hand-held.
- **Be Aware that this tool is always in an operating condition,** because it does not have to be plugged into an electric outlet.
- **When operating the tool from an elevated position,** be aware of people or things beneath you.
- **Always hold the tool firmly in your hands before switching the tool “ON”.** The reaction to the torque of the motor as it accelerates to full speed may cause the tool to twist.
- **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.
- **Always** place the switch in the locked or off position before any assembly, adjustments or changing of accessories. Following this instruction will reduce the risk of serious personal injury.
- **Do not place battery tools near fire or heat.** This will reduce the risk of explosion and possibly personal injury.

SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS FOR CHARGER & BATTERY

- **Save These Instructions.** This manual contains important safety and operating instructions for your battery charger.
- **Before Using the battery Charger,** read all instructions and cautionary markings on (1) Battery Charger, (2) Battery , and (3) Product using battery.
- **Use only the charger** which accompanied your product or direct replacements as listed in this manual. Do not substitute any other charger.
- **Do not recharge battery in damp or wet environments.** Do not expose battery pack to water or rain.
- **Do not operate charger with damaged cord or plug.** Replace immediately.
- **Do not operate charger if it has received a sharp blow,** been dropped or otherwise damaged in any way. Take it to a qualified serviceman.
- **Do not disassemble charger or battery pack.** Take it to a qualified serviceman when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.
- **Do not charge battery pack** when temperature is below 50 degrees F (10 degrees C) or above 104 degrees F (40 degrees C). Store tool and battery pack in a location where temperature will not exceed 122 degrees F (50 degree C). This is important to prevent serious damage to the battery cells.

- **Place charger on flat non-flammable surface** and away from flammable materials when re-charging the battery pack.
- **To reduce risk of electric shock**, unplug charger from outlet before attempting any maintenance or cleaning.
- **If operating time has become excessively shorter**, stop operating immediately. It may result in a risk of overheating, possible burns and even an explosion.
- **Battery leakage may occur** under extreme usage or temperature conditions. Avoid contact with skin and eyes. If liquid comes in contact with your skin, wash immediately with soap and water. If liquid gets into your eyes, wash them out with clear water for at least 10 minutes, and then seek medical attention right away.
- **Do not attempt to use a step-up transformer**, an engine generator or DC power receptacle.
- **Do not short the battery pack.** Do not touch the terminal with any conductive material. Avoid storing battery pack in a container with other metal objects such as nails, coins, etc. Always protect the battery terminals when battery pack is not used.
- **Do not charge battery pack inside a box or container of any kind.** The battery must be placed in a well ventilated area during charging.
- **Do not allow anything to cover or clog the charger vents.**
- **Do not incinerate the battery pack even** if it is severely damaged or is completely worn out. The battery pack can explode in a fire.
- **Disconnect Charger from the power source when not in use.** This will reduce the risk to electric shock or damage to the charger if metal pieces should fall into the opening. It also will help prevent damage to the charger during a power surge.

⚠ WARNING: A battery short can cause a large current flow, overheating, possible burns and even a breakdown.

⚠ WARNING: 120 volts are present at charging terminals, do not probe with conductive objects. Electric shock or electrocution may result. Do not allow any liquid to get inside charger. Electric shock may result.

⚠ WARNING: This product comes with the battery installed internally. You are not allowed to install or remove the battery from the product.

IMPORTANT BATTERY INFORMATION: DISPOSING OF THE BATTERY

- Your batteries are LITHIUM-ION rechargeable batteries. Certain Local, State and Federal laws prohibit disposal of these batteries in ordinary trash.
- Consult your local waste authorities for your disposal/recycling options.
- More information regarding battery disposal in U.S. and Canada is available at: <http://www.rbrc.org/index.html>, or by calling 1-800-822-8837 (1-800-8BATTERY).



SAVE THESE INSTRUCTIONS

YOUR SCREWDRIVER



FIG 1

- 1. Hex Chuck
- 2. Torque Ring
- 3. 2-Speed Gear Switch
- 4. Battery Power Indicator
- 5. Battery Power Indicator Button
- 6. Reversing Switch
- 7. LED Work Light
- 8. Trigger Switch
- 9. Charging Port

UNPACKING AND CONTENT

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	QTY
Screwdriver	1
Charging adaptor	1
Drill Bits	4
Screw Driver Bits	4
Operator's Manual	1

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 place the switch in the locked or off position before any assembly, adjustments or changing accessories.

CHARGING THE TOOL

NOTE: Always Check that the power supply corresponds to the voltage on the ratings plate.

1. Turn tool off.
2. Connect the charging adaptor to charging port
3. Plug the adaptor into a power source.
4. Battery power indicator light: RED means the tool is charging. GREEN means the charging is completed. The charger will automatically stop charging when the battery is fully charged.

NOTE: It takes 3-5 hours to charge up a completely discharged battery.

TRIGGER SWITCH ACTION

- Turn the screwdriver on by depressing the trigger switch.
- Use the reversing switch to change the direction of rotation of the driver.
- The Reversing Switch has three positions: Forward, Reverse, and Off (middle).
- Always check the rotation before beginning your work.

TWO SPEED GEAR SWITCH (FIG 2)

- Slide the speed gear switch to choose between position 1 for low speed 200 RPM and position 2 for high speed range 400 RPM.
- The low speed has more power and torque. Use the low speed for high power and torque applications.
- The high speed is for fast drilling or driving applications



OVERLOAD PROTECTION

Your tool is equipped with an overload protection circuit to protect the motor and battery in the event of a stall. When the tool is stalled, it will automatically turn itself off. If this happens, remove the tool from the work piece, turn off the tool, wait for a few seconds, then turn it on and continue using it. Sometimes, when the battery is low, the tool may shut down automatically more often. This indicates it is time to recharge the battery.

LED WORK LIGHT

Your tool has a built-in LED work light to illuminate the work area. When you turn on the tool, the work light will automatically turn on.

BATTERY POWER INDICATOR (FIG 2)

Your tool has a battery power indicator. It consists of a green light, yellow light, red light and push button. To show the battery power, simply just push down the button.

If all three lights are on, the battery is fully charged.

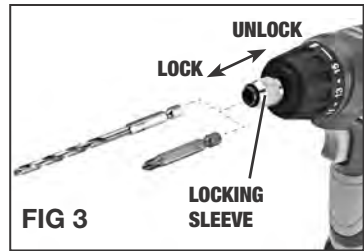
If both red and yellow lights are on, battery is OK for operation of the tool.

If only the red light is on, it is the time to recharge the battery.

HEX CHUCK (FIG 3)

Your driver is equipped with a tool-less 1/4" Hex Chuck, that accepts only standard 1/4" Hexagonal shank accessory with a locking groove. You can quickly change bits with no extra tools required.

- Place the forward/reverse switch in the center (OFF) position.
- To insert or change bits, push the locking sleeve towards the driver to unlock the chuck. Hold it with one hand while inserting the bit with the other hand. Release the locking sleeve.
- Always make sure that bits are seated firmly by pulling on the bit. Never attempt to operate a bit that is wobbly, unstable, or broken.



CLUTCH (TORQUE) SETTINGS

- During screw driving applications, you can adjust the maximum torque that the driver will produce.
- This feature can be used to prevent the stripping and breaking of screws, or to set a series of screws to a depth that fits your project.
- Set the clutch ring at the front of the driver to settings from 1 (lightest) to 16 (heaviest). Setting 16 is direct drive (torque is not limited) and used primarily for drilling operations.
- In general, you will find the lower settings more useful with smaller screws and the higher settings more useful for larger screws.

GENERAL SCREWDRIVING

1. Clamp your work piece.
2. Drill pilot holes for larger screws or when driving screws into hardwoods.
3. Exert enough pressure to start the screw and keep it turning. Do not force the screw. Let the tool do the work.

GENERAL DRILLING

1. Clamp your work piece. Use maximum torque setting then exert enough pressure to start the drill bit and keep it cutting. Do not force or stall the bit. Don't bend or twist the bit. Let the tool and the blade do the work.
2. Maintain your balance and be prepared for binding and for when the bit breaks through the material.

⚠ WARNING: Forcing a drill bit, bending or twisting the bit, or failure to maintain balance in case of binding and breakthrough can result in serious personal injury.

3. Chattering or vibration may indicate you need a finer bit or higher speed. If the bit overheats or clogs, it may indicate you need a coarser bit or slower speed setting. Replace bits when they become dull. Dull bits will produce poor results and may overheat the drill.
4. Use a coating of light oil when drilling into metal to keep the bit cool and to facilitate cutting.

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 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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736 Hampton Road
Williamston, SC 29697

Printed in China, on recycled paper

Genesis

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2011.08.22