

triton TLS

Lithium Ion Cordless Screwdriver



OPERATING & SAFETY INSTRUCTIONS

Thank you for purchasing this Triton power tool. These instructions contain information necessary for safe and effective operation of this product.

Keep this manual close to hand and ensure all users of this tool have read and fully understand them.

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SPECIFICATIONS

Model no:	TLS
Voltage:	3.6V
Charger:	230 - 240V ~ 50Hz
Charge time:	3-5 hours
No load speed:	200min ⁻¹
Net weight:	300g (10.6lb)
Torque:	5Nm

FEATURES



1. Trigger switch
2. Forward / reverse switch
3. Hex drive
4. Charger connection point
5. Charge indicator
6. Charger
7. Driver bits:

Bits	Qty	Sizes
Slotted (50mm)	1	#6
Philips (50mm)	1	#2
Philips (25mm)	4	#0, 1, 2, 3
Slotted (25mm)	4	#4, 5, 6, 7mm
Hex (25mm)	4	#3, 4, 5, 6mm
Star (25mm)	4	T15, T20, T25, T30

6



7



8



8. Magnetic extension

GENERAL SAFETY RULES

⚠ Read and understand all instructions. Failure to follow all instructions listed below, may result in electric shock, fire and/or serious personal injury.

The term “power tool” in all of the warnings listed below refers to your mains-operated (corded) power tool or battery operated (cordless) power tool.

SAVE THESE SAFETY INSTRUCTIONS

- **Keep your work area clean and well lit.** Cluttered benches and dark areas invite accidents.
- **Do not operate power tools in an environment where explosive or corrosive gases could be present.** Power tools create sparks which may ignite fumes. Avoid areas where there is excessive dampness or humidity.
- **Keep children, bystanders and visitors away while operating the power tool.** Distractions can cause you to lose control.
- **Always set up or fix the tool in a stable position.**

ELECTRICAL SAFETY

- **Power tool plugs must match the outlet.** Never modify the plug in any way. Do not use any adaptor plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

- **Avoid body contact with earthed grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- **Do not 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 for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- **Never yank the cord to disconnect if from socket.** Keep the cord away from heat and sharp edges.

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 used for appropriate conditions will reduce personal injuries.
- **Dress properly.** Do not wear loose clothing or jewellery. Tie back long hair. Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewellery, or long hair can be caught in moving parts.
- **Avoid accidental starting.**
Ensure the switch is in the off-position before plugging in. Carrying power tools with your finger on the switch or plugging in power 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 injury.
- **Accessories and metal parts can become very hot.**

POWER TOOL USE AND CARE

- **Use clamps or other practical way to secure and support the work 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 the 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 the 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. If there appears to be a problem refer to the “Trouble-shooting” and if necessary contact a repair centre.
- **Disconnect the plug from power before making any adjustments, changing accessories, or storing the tool.** Such preventative measures reduce the risk of accidental starting.
- **Store tool in a dry location, out of reach of children and untrained persons.** This tool is dangerous in the hands of untrained users.
- **Maintain tools with care. Keep cutting tools sharp and clean.**
Properly maintained tools, with sharp cutting edges are less likely to bind and are easier to control.
- **Check for misalignment (ie. excessive vibration), binding of moving parts, or any damage that may affect the tools operation.** If damaged have the tool serviced before using. Many accidents are caused by poorly maintained tools.
- **Never start the tool while the blade is touching the workpiece.**

ADDITIONAL SPECIFIC SAFETY RULES


1. **Hold tool by insulated gripping surfaces when performing an operation where the cutting tools may contact hidden wiring.** Contact with a “live” wire will make exposed metal parts of the tool “live” and shock the operator.
2. **Be aware that this tool is always in an operating condition, because it does not have to be plugged into an electrical outlet.**
 - **Always wear safety goggles or eye protection when using this tool.**
 - **Position yourself to avoid being caught between the tool and walls or posts.** Should the screw become bound or jammed in the work, the reaction torque of the tool could crush your hand or leg.
 - **Do not run the screwdriver while carrying it at your side.**
A spinning bit could become entangled with clothing and injury may result.


ADDITIONAL SAFETY WARNINGS FOR THE CHARGER

- Use only the charger supplied in this pack.
- Protect the charger against moisture including rain and high humidity.
- Always check that the power cord is correctly connected before using the charger.
- When you are not using the charger, remove the plug from the mains socket. Do not pull the plug out by the power cord.
- Always remove the plug from the power socket before you clean or maintain the charger.
- Do not charge the battery if the ambient temperature is less than -10°C (14°F) or greater than 40°C (104°F).

SYMBOLS

ENVIRONMENTAL PROTECTION

 Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

 Always wear ear, eye and respiratory protection.

 Double insulated.

 Instruction warning.

 Instruction note.

FUNCTIONS

TRIGGER SWITCH

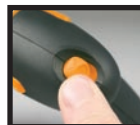
- To operate the screwdriver engage the trigger switch (1).
- Release the switch to stop.



FORWARD/REVERSE SWITCH

Use the direction switch (2) on the top of the screwdriver to select forward or reverse driving.

- To select forward (when screwing in fasteners) slide the switch back away from the hex drive.
- Slide the switch toward the hex drive to select reverse (when removing fasteners).



HEX DRIVE


The hex drive (3) is designed to accept commonly available 6mm hex bits.

A selection of eighteen bits (7) are supplied to cover most driving applications. Sizes are marked on the sides of the bit holders.

1. The driver bits are fitted by pushing their hexagonal end fully into the hex drive (3).
2. A magnetic extension piece (8) is supplied to reach fasteners



in difficult locations. Push the extension into the hex drive, then fit the driver bit into the end of the extension piece.

 A magnet ensures that the bit locates fully into



- the extension.
3. To remove the bit from the hex drive or the magnetic extension, firmly grasp the bit between your fingers and pull outward.

CHARGER

- The screwdriver is supplied uncharged and must be fully charged prior to initial use.
- The screwdriver will require 5 to 10 charge/discharge cycles before it reaches its full capacity.
- It is acceptable to charge a partially discharged battery to ensure maximum output for the job.
- Most charge cycles will require 3 – 5 hours.

Warnings

- Do not charge the tool in a damp or wet environment.
- To prevent overheating, do not cover the charger and do not charge in direct sunlight


or near heat sources.

- Avoid charging your screwdriver in temperatures below 0°C (32°F) and over 40°C (104°F).


1. Push the connection pin on the charger (6) into the charger connection point (4) on the base of the screwdriver handle.




2. Connect the mains plug of the charger to a suitable power point.


 The red LED charge light indicator (5) will illuminate for the duration of the charge cycle.

3. The charge cycle should take between 3 and 5 hours, after which the charge light indicator (5) will switch off.

 The charger should be disconnected from mains power on completion of the charge cycle. Do not exceed 12 hours of connection to mains power.

4. Disconnect the charger from the power point before removing the connection pin from the screwdriver.

 While charging, the charger and the screwdriver may become warm to touch. This is normal and does not indicate a problem.

 Do not attempt to charge the screwdriver with any charger other than that supplied with the tool. Contact your local Triton office if charger replacement is required.

SHAFT LOCK

This screwdriver is fitted with an automatic shaft lock. With the trigger switch dis-engaged it can be used for manual screwdriving.



SERVICE & MAINTENANCE


- Any damage to this tool should be repaired and carefully inspected before use, by qualified repair personnel.
- 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.
- Triton Manufacturing & Design Co. will not be responsible for any damage or injury caused by unauthorised repair or mishandling of the tool.

POWER CORD MAINTENANCE

If the supply cord needs replacing, the task must be carried out by the manufacturer, the manufacturer's agent, or an authorised service centre in order to avoid a safety hazard.

CLEANING

- Exterior plastic parts may be cleaned a damp cloth and mild detergent. Although these parts are highly solvent resistant, NEVER use solvent.
- Dirt and grease may be removed from the exterior of the charger using a cloth or soft non-metallic brush. Do not use water or any cleaning solutions.

 Disconnect the charger from the power point before cleaning.

WARRANTY

To register your warranty complete the registration card included in this manual and return it to your nearest Triton office (listed below). Alternatively, you can register online by visiting our web site www.triton.net.au.

Your details will be included on our mailing list (unless indicated otherwise) for information on future releases. Details provided will not be made available to any third party.

Triton Manufacturing & Design Co. warrants to the purchaser of this product that if any part proves to be defective due to faulty materials or workmanship within 12 MONTHS from the date of original purchase, Triton will repair, or at its discretion replace, the faulty part free of charge.

This warranty does not apply to commercial use nor does it extend to normal wear and tear or damage as a result of accident, abuse or misuse.

If product is faulty or requires service please phone 1 300 655 686 for referral to your nearest authorised Triton Repair Centre. Warranty does not include any freight to and from the user. If outside of Australia, please contact your nearest Triton office (details on the next page) for arrangements to repair or replace the product.

PURCHASE RECORD

Date of Purchase: ____ / ____ / ____

Model: **TLS**

Retain your receipt as proof of purchase

Serial Number: _____

(Located on motor label)

TRITON OFFICES

Australia:

Triton Manufacturing & Design Co.
45-55 South Centre Rd.
Melbourne Airport Vic. 3045
Ph: (03) 9584 6977
Fax: (03) 9584 5510

Canada:

Triton Woodworking Systems
PO Box 523
Cornwall, Ontario, K6H-5T2
Ph: 1 888 874 8661
Fax: (613) 938 8089

Japan:

Japan Australia Corp. Pty. Ltd.
195 - 1 Kanaido SOJA-shi
Okayama Ken 719-1114
Ph: (0866) 90 1415
Fax: (0866) 90 1417

New Zealand:

Triton Manufacturing & Design Co.
Ph: 0508 874 866
Fax: 0508 3944557

South Africa:

Tritonova
PO Box 6391
Welgemoed 7538
Ph: 0800 600432
Fax: (021) 987 6073

United Kingdom:

Triton Workshop Systems (UK) Ltd
Pontyglyndy Industrial Estate
Caerphilly South Wales CF83 3HU
Ph: 0800 856 7600
Fax: (029) 2085 0118

USA:

Triton Woodworking Systems
PO Box 794 Roosevelttown,
New York 13683-0794
Ph: 1 888 874 8661
Fax: (613) 938 8089

TLS Warranty Registration Card

Mr / Ms / Mrs _____

Address _____

Postcode _____

Ph: (Private) () _____

Ph: (Business) () _____

I **don't** wish to be included on your mailing list.



Serial No: _____ Purchase date: / /

Retailer: _____

Age: Under 25 25-35 36-45 46-55 56-65 Over 65

Occupation: _____

Please list any other Triton products you own:

Fold here

Comments/Suggestions

Our aim is to provide innovative quality products which are excellent value for money. If you have any comments on how we can improve our products or service, please let us know.



PLEASE
AFFIX
STAMP

TO:
