

triton® *Angle Grinder 100mm*

XT 75010G

XT

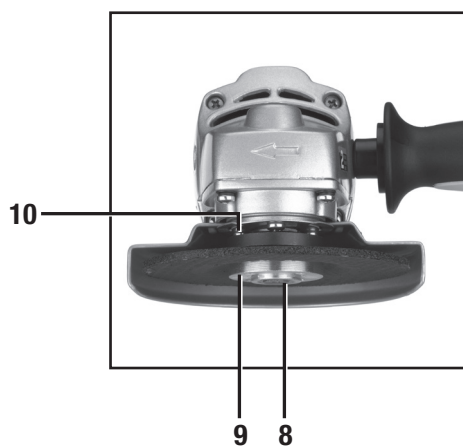


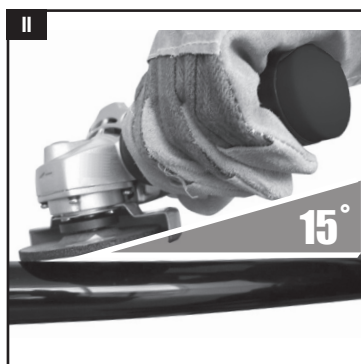
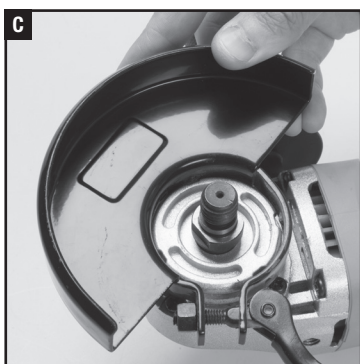
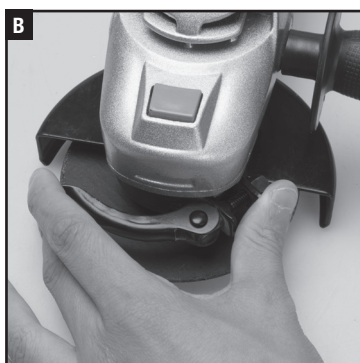
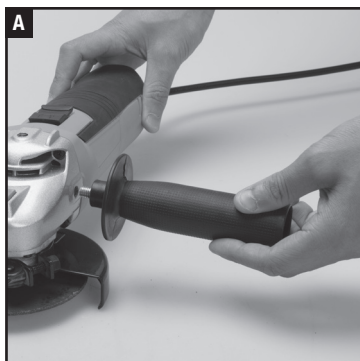
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Thank you for purchasing this Triton tool. This manual contains information necessary for safe and effective operation of this product. This product has unique features and, even if you are familiar with similar products, it is necessary to read this manual carefully to ensure you fully understand the instructions. Ensure all users of the tool read and fully understand this manual.

Description of Symbols


	Wear hearing protection Wear eye protection Wear breathing protection Wear head protection
	Wear hand protection
	Read instruction manual
	Wear protective clothing
	Be aware of kickback!
	Warning: Sharp blades or teeth!
	DO NOT use in rain or damp environments!
	Always disconnect from the power supply when adjusting, changing accessories, cleaning, carrying out maintenance and when not in use!
	Beware of flying objects
	WARNING: Moving parts can cause crush and cut injuries
	Caution!
	DO NOT use for side grinding.
	Class II construction (double insulated for additional protection)

	Conforms to relevant legislation and safety standards.
	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.

Technical Abbreviations Key

V	Volts
~, AC	Alternating current
A, mA	Ampere, milli-Amp
n	Rated speed
Ø	Diameter
°	Degrees
Hz	Hertz
W, kW	Watt, kilowatt
/min or min⁻¹	(revolutions or reciprocation) per minute
dB (A)	Decibel – A weighted
m/s²	Vibration magnitude

Specification

Model number:	XT75010G
Voltage:	230-240V~50Hz
Power:	900W
Rated speed:	n: 12,000min ⁻¹
Motor:	Fan-cooled
Disc diameter:	ø100mm
Disc bore size:	ø16mm
Spindle thread:	M10
Power cord length:	2.5m
Ingress protection:	IP20
Protection class:	
Dimensions (L x W x H):	330 x 110 x 110mm
Weight:	1.8kg
As part of our ongoing product development, specifications of Triton products may alter without notice.	
Sound and vibration information	
Sound pressure:	88dB(A)
Sound power:	99dB(A)
Uncertainty:	3dB
Weighted vibration:	4.52m/s ²
Uncertainty:	1.5m/s ²
The sound intensity level for the operator may exceed 85dB(A) and sound protection measures are necessary.	

WARNING: Always wear ear protection where the sound level exceeds 85dB(A) and limit the time of exposure if necessary. If sound levels are uncomfortable, even with ear protection, stop using the tool immediately and check the ear protection is correctly fitted and provides the correct level of sound attenuation for the level of sound produced by your tool.

WARNING: User exposure to tool vibration can result in loss of sense of touch, numbness, tingling and reduced ability to grip. Long term exposure can lead to a chronic condition. If necessary, limit the length of time exposed to vibration and use anti-vibration gloves. Do not operate the tool with hands below a normal comfortable temperature, as vibration will have a greater effect. Use the figures provided in the specification relating to vibration to calculate the duration and frequency of operating the tool.

Sound and vibration levels in the specification are determined according to EN60745 or similar international standards. The figures represent normal use for the tool in normal working conditions. A poorly maintained, incorrectly assembled, or misused tool, may produce increased levels of noise and vibration. www.osha.europa.eu provides information on sound and vibration levels in the workplace that may be useful to domestic users who use tools for long periods of time.

General Safety

WARNING: Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

WARNING: This appliance is not intended for use by persons (including children) with reduced, physical or mental capabilities or lack of experience or knowledge unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children must be supervised to ensure that they do not play with the appliance.

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) Work area safety

- Keep work area clean and well lit.** Cluttered or 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 children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2) Electrical safety

- Power tool plugs must match the outlet.** Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce 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 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.
- If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.
- When used in Australia or New Zealand, it is recommended that this tool is ALWAYS supplied via Residual Current Device (RCD) with a rated residual current of 30mA or less.**

3) Personal safety

- Stay alert, watch what you are doing and use common sense when operating a power tool.** Do not use a power tool while you are 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 personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- Prevent unintentional starting.** Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery.** Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

4) Power tool use and care

- a) **Do not force the power tool. Use the correct power tool for your application.** *The correct power tool will do the job better and safer at the rate for which it was designed.*
- b) **Do not use the power tool if the switch does not turn it on and off.** *Any power tool that cannot be controlled with the switch is dangerous and must be repaired.*
- c) **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** *Such preventive safety measures reduce the risk of starting the power tool accidentally.*
- d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** *Power tools are dangerous in the hands of untrained users.*
- e) **Maintain power tools.** Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. *Many accidents are caused by poorly maintained power tools.*
- f) **Keep cutting tools sharp and clean.** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
- g) **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** *Use of the power tool for operations different from those intended could result in a hazardous situation.*

5) Service

- a) **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.*

Safety warnings common for grinding, sanding, wire brushing, polishing or abrasive cutting-off operations

- a) **This power tool is intended to function as a grinder, sander, wire brush or cut-off tool. Read all safety warnings, instructions, illustrations and specifications provided with the power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.**
- b) **Operations such as 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.**
- c) **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.**
- d) **The rated speed of the accessory must be at least equal to the maximum speed marked on the power tool. Accessories running faster than their rated speed can break and fly apart.**
- e) **The outside diameter and the thickness of your accessory must be within the capacity rating of your power tool. Incorrectly sized accessories cannot be adequately guarded or controlled.**
- f) **The arbour size of wheels, flanges, backing pads or any other accessory must properly fit on the spindle of your power tool. Accessories with arbour holes that do not match the mounting hardware of the power tool will run out of balance, vibrate excessively and may cause loss of control.**
- g) **Do not use a damaged accessory. Before each use inspect the accessory such as abrasive wheels for chips and cracks, backing pad for cracks, tear or excess wear, wire brush, wire, wire brush for loose or cracked wires. If power tool or accessory is dropped, inspect for damage or install an undamaged accessory. After inspecting and installing an accessory, position yourself and bystanders away from the plane of the rotating accessory and run the power tool at maximum no-load speed for one minute. Damaged accessories will normally break apart during this test time.**

- h) **Wear personal protective equipment.** Depending on application, use faceshield, safety goggles or safety glasses. As appropriate, wear dust mask, hearing protectors, gloves and workshop apron capable of stopping small abrasive or workpiece fragments. Eye protection must be capable of stopping flying debris generated by various operations. The dust mask or respirator must be capable of filtering particles generated by your operation. Prolonged exposure to high intensity noise may cause hearing loss.
- i) **Keep bystanders a safe distance away from the 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.**
- j) **Hold the power tool by insulated gripping surfaces only, when performing an operation where the cutting accessory may contact hidden wiring or its own cord. Cutting accessory contact a 'live' wire may make exposed metal parts of the power tool 'live' and could give the operator an electric shock**
- k) **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.**
- l) **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.**
- m) **Do not run the power tool while carrying it to your side. Accidental contact with the spinning accessory may snag clothing, pulling the accessory towards your body.**
- n) **Regularly clean the power tool's vents. The motor's fan will draw the dust inside the housing and excessive accumulation of powdered metal may cause electrical hazards.**
- o) **Do not operate the power tool near flammable materials. Sparks could ignite these materials.**
- p) **Do not use accessories that require liquid coolants. Using water or other liquid coolants may result in electrocution or shock.**

Kickback and related warnings

Kickback is a sudden reaction to a pinched or snagged rotating wheel, backing pad, brush or any other accessory. Pinching or snagging causes rapid stalling of the rotating accessory 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 an abrasive wheel 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 towards or away from the operator, depending on direction of the wheel's movement at the point of pinching. Abrasive wheels 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.

- a) **Maintain a firm grip on the power tool and position your body an 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.**
- b) **Never place your hand near the rotating accessory. Accessory may kickback over your hand.**
- c) **Do not position your body in the area where power tool will move if kickback occurs. Kickback will propel the tool in the direction opposite to the wheel's movement at the point of snagging.**
- d) **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.**
- e) **Do not attach a saw chain woodcarving blade or toothed saw blade. Such blades create frequent kickback and loss of control.**

Safety Warnings Specific for Grinding and Abrasive Cutting-Off Operations

- a) 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.*
- b) The grinding surface of the centre depressed wheels must be mounted below the plane of the guard lip. *An improperly mounted wheel that projects through the plane of the guard lip cannot be adequately protected.*
- c) 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 the operator from broken wheel fragments, accidental contact with wheel, and sparks that could ignite clothing.*
- d) 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.*
- e) 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.*
- f) Do not use worn down wheels from larger power tools. *Wheels intended for larger power tools are not suitable for the higher speed of a smaller tool and may burst.*

Additional Safety Warnings Specific for Abrasive Cutting-Off Operations

- a) Always use '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.*
- b) 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.*
- c) When wheel 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.*
- d) Do not restart the cutting operation in the workpiece. *Allow the wheel to reach full speed and carefully re-enter the cut. The wheel may bind, walk up or kickback if the power tool is restarted in the workpiece.*
- e) Support panels or other oversized workpiece to minimise the risk of wheel 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 wheel*
- f) 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.*




Safety Warnings Specific for Sanding Operations

- a) Do not use excessively oversized sanding disc paper. Follow manufacturer's recommendations, when selecting sanding paper. *Larger sanding paper extending beyond the sanding pad presents a laceration hazard and may cause snagging, tearing of the disc, or kickback.*

Safety Warnings Specific for Wire Brushing Operations

- a) Be aware that wire bristles are thrown by the brush even during ordinary operation. *Do not overstress the wires by applying excessive load to the brush. The wire bristles can easily penetrate light clothing and/or skin.*
- b) If the use of the guard is recommended for wire brushing, do not allow any interference of the wire wheel or brush with the guard. *Wire wheel or brush may expand in diameter due to work load and centrifugal forces.*

Additional grinder safety

-  **WARNING:** When using straight and depressed centre cutting off wheels (type 41 & 42) plus grinding wheels that grind on the edge only (type 1) a cutting guard or cut-off guard must be fitted.
-  **WARNING:** DO NOT operate a grinder without the appropriate guards in place. Reset the guard if the work angle or the position of the person operating the machine changes.
-  **WARNING:** Always check for a expiry date of the grinding or cutting disc before use (remove from tool if necessary). Either printed on the label or stamped on the inner steel ring of the disc. DO NOT use an expired disc it may shatter in use.
- Do not touch grinding or cutting discs before they have cooled down after use
- Reset the on/off switch of the tool to the off position whenever the power is interrupted
- By exerting too much application force, the machine can be subject to overload. Overload can lead to overheating and damage of the power tool. After use, continue to run it at no-load for several minutes in order to cool it down by using the fan of the motor
- When operating the grinder, it is an essential safety requirement that the correct type of guard is installed for each application to prevent injury. For example, a cutting guard must be installed when using a cutting or diamond disc, and a grinding guard must be used with grinding discs
- Grinding tool accessories must be mounted, used and stored in compliance with the manufacturer's recommendations
- Use the correct type of cutting or grinding disc for the task and material being worked on. Check the label on the disc or accessory to find out if it is appropriate to use on the workpiece
- If discs are supplied with blotters they must be fitted and used correctly. Not fitting blotters may cause the disc to shatter in use and be a safety risk
- Ensure that the cutting/grinding disc or accessory is fitted correctly and securely before use. Run the machine with the disc or accessory fitted, but without load, for a reasonable time before attempting to cut/grind. If excessive vibration occurs, stop the machine, investigate and correct the cause before use. Seek professional guidance if you are in doubt about how to operate the machine safely
- Do not allow discs to become wet or contaminated with oil. If you suspect that a disc has degraded in storage, or if you are unsure about whether its expiry date has passed, DO NOT USE AND DISCARD
- Do not attempt to cut or grind magnesium or any alloy that has high magnesium content
- Hold the machine appropriately to ensure that debris produced does not land on skin or clothing
- Do not touch the spindle lock button while the tool is operating
- A grinding disc will gradually wear down during use, reducing its size. If a disc becomes too small to work with easily, stop using it and replace it with a new disc

Additional safety for super abrasives

- Superabrasives are generally inflexible and could shatter, so must be handled with the utmost care. Damaged or improperly mounted superabrasives are dangerous and can cause SEVERE injury to the user and other people in the vicinity
- Types of superabrasive wheels include diamond cutting discs, welded metal discs, CBN discs etc. Choose your superabrasive tool carefully, taking into consideration the workpiece material, the machine dimensions and capabilities. Make sure the machine does not exceed the maximum operating speed of the superabrasive disc
- NEVER use superabrasive cutting discs for side grinding, as this might lead to the disc shattering

- Superabrasive wheels have to be carefully inspected and tested before mounting. Metal wheels should be subjected to a sound test: hold the wheel on a mandrel or with a finger inserted through the bore, then tap it with a non-metallic object at several points and listen each time to the sound produced. An intact wheel will produce a clear 'bell like' metallic sound. Damaged wheels will give a dull, chattering sound. If in doubt, DO NOT USE, MARK AS DAMAGED AND DISCARD
- Make sure the machine's mounting flange is compatible with the superabrasive wheel. Refer to the manufacturer's mounting instructions
- ALWAYS conduct a test run after mounting, with no load for at least 30 seconds, to determine if the wheel runs balanced and does not produce excessive vibration. If it does, switch off IMMEDIATELY, remove the disc, inspect, re-mount and re-test if no damage is detected
- If planning on using the superabrasive wheel with a coolant, liquid dust suppressant or lubricant, first check if the wheel, machine and workpiece are compatible with wet cutting and with the compound to be used. Always apply liquid to an already running wheel, never to a non-moving tool, as the unbalance could lead to the rupture of the wheel. When switching off, remove the liquid supply first and let the machine run at no-load, until centrifugal forces have drained all liquid from the wheel. Dry off the wheel after use, and prevent liquid from being absorbed into the wheel

Product Familiarisation

1. Grinding Disk
2. Quick-Release Clamp
3. Spindle Lock Button
4. On/Off Switch
5. Rear Handle
6. Auxiliary Handle
7. Grinding Guard
8. Spindle
9. Threaded Flange
10. Inner Flange

Accessories (not shown):

- Pin Spanner

Optional Accessories:

- Cutting wheel guard

Intended Use

Portable mains-powered angle grinder using 100mm diameter discs, suitable for light to medium duty grinding. Also suitable for wire brushing and sanding operations. Suitable for cutting-off operations only when a compatible cut-off guard is fitted (additional purchase required).

Unpacking Your Tool

- Carefully unpack and inspect your tool. Fully familiarise yourself with all its features and functions
- Ensure that all parts of the tool are present and in good condition. If any parts are missing or damaged, have such parts replaced before attempting to use this tool

Before Use

WARNING: Always unplug the grinder from the mains supply before attempting to fit or replace any attachment. Never fit any attachment with a maximum speed lower than the rated speed of the machine.

- All discs and accessories must be subjected to a visual inspection prior to installation, to ensure they are in good condition and within their expiry date. If in doubt, DO NOT USE AND DISCARD
- Always check all parts and attachments are secure, and that rotating parts will not foul on guards or machine case
- Always hold the machine, using both hands, by the handles provided
- Be aware that the cast metal gear housing may get hot during use
- Hot air will be emitted from the ventilation holes

- Ensure that the ventilation holes are not obscured in any way

Always wear appropriate personal protective equipment for the task. Use of this machine requires ear defenders, eye protection, gloves, breathing protection, and if appropriate a hard hat

Fitting the auxiliary handle

WARNING: To ensure operator safety, ALWAYS use the Auxiliary Handle (6). Install it at the most appropriate position for the individual task.

1. Screw the auxiliary handle clockwise into one of the three mounting points of the gear housing. Tighten by hand (Image A)

Note: The Auxiliary Handle can be mounted left, right, and above the gear housing.

2. To remove the handle, unscrew anti-clockwise

Adjusting, removing & installing the wheel guards

WARNING: The correct guard MUST be installed for each application before operation commences. This is a legal requirement.

WARNING: NEVER install a cutting disc or superabrasive cutting wheel without the correct cutting wheel guard (optional accessory) in place.

Note: The guard must be adjusted so that it is situated between the disc and the operator. Reset the guard if the work angle or the position of the operator changes. Seek professional guidance if you are unsure how to operate the guards or any other safety features of the machine correctly.

Note: The grinder is supplied with the Grinding Guard (7) pre-installed.

Adjusting the guard

1. Open the Quick-Release Clamp (2) (Image B)
2. The guard can be moved through a range of approximately 90°, so that it can be placed between the disc and the operator at any required work angle
3. Close the Quick-Release Clamp

Note: If the clamp is too loose or too tight, open completely and adjust the lever tightening screw.

Removing Guard

Note: Skip Step 1 if no disc is installed.

1. Depress the Spindle Lock Button (3), rotate the spindle until the lock engages, use the Pin Spanner to remove the Threaded Flange (9) and remove the disc
2. Open the Quick-Release Clamp (2), rotate the guard until the protrusions on the band of the guard are aligned with the notches on the gear housing, and remove the guard (Image C)

Installing Guard

1. Loosen the Quick-Release Clamp (2)
2. Align the protrusions on the wheel guard band with the notches on the gear housing
3. Push the guard onto the gear housing and adjust position
4. Close the Quick-Release Clamp

Note: If the clamp is too loose or too tight, open completely and adjust the lever tightening screw.

Fitting a grinding or cutting disc

Note: Ensure the correct guard is installed for the disc.

1. Ensure that the Inner Flange (10) is in place on the Spindle (8) and positively engaged
2. Place the cutting or grinding disc onto the Inner Flange

Note: If using depressed centre discs, ensure that the depression is positioned towards the Inner Flange.

3. Screw the Threaded Flange (9) onto the Spindle (8). The raised centre of the Threaded Flange should face towards the disc when installing a grinding disc, and away when installing a cutting disc
4. Depress the Spindle Lock Button (3) and rotate the Spindle until the lock engages
5. The supplied Pin Spanner can now be used to fully tighten the Threaded Flange. When tight, release the Spindle Lock Button. The grinder is now ready for use

6. Remove a disc by depressing the Spindle Lock Button, then rotate the spindle until the lock engages, and use the Pin Spanner to remove the Threaded Flange

Fitting a wire cup brush

Note: When using the angle grinder with wire cup brushes, it may be beneficial to fit the grinding guard and rotate beneath the Auxiliary Handle (6) purely for the benefit of protecting the operator's hand. This will depend on the design of the wire cup brush and the operation being performed.

1. Remove Threaded Flange (9), Grinding Disc (1) (if installed) and Inner Flange (10) from the Spindle (8)
2. Screw the cup brush directly onto the Spindle
3. Depress the Spindle Lock Button (3) and rotate the Spindle until the lock engages
4. Tighten the cup brush with a suitable spanner. Release the Spindle Lock Button. The machine is now ready for use (Fig 1)
5. To remove a cup brush, depress the Spindle Lock Button, rotate the Spindle until the lock engages, then use a suitable spanner to remove the cup brush

Operation

Switching on and off

Note: Do not switch the machine on/off when the disc is in contact with the workpiece. Always allow the motor to reach its full speed before applying the load, and to stop completely before placing the grinder down. Always hold the machine securely, using both hands, on the handles provided

WARNING: Switching off the angle grinder under load will significantly reduce the service life of the On/Off Switch (4).

1. To start the machine, grip the Rear Handle (5) and Auxiliary Handle (6) firmly.
2. Push the On/Off Switch (4) forward and slightly downward until it locks in the '1' position (Image D)

Note: As a safety feature, the sliding safety switch is spring-loaded so that it can return the switch to the off position upon touch or impact.

3. Stop the machine by slightly pushing down on the bottom part of the slider switch. This will unlock the mechanism and return the switch into the '0' position

Grinding

- Only use discs specifically manufactured for grinding operations. Stone and metal grinding discs are not interchangeable. Use the correct disc for the application
- When grinding, keep the tool at approximately 15 to 30° to the workpiece surface (Fig II)

Note: Do not apply too much pressure to the machine whilst grinding. Excessive pressure does not result in more effective removal of material, but will in fact cause premature wear of the grinding disc and will increase wear and tear on the machine.

Cutting

WARNING: Always ensure that the correct guard (optional accessory) for use with cutting discs or superabrasive wheels is installed.

Note: This machine is not designed for wet cutting.

- Only use discs specifically manufactured for cutting operations. Stone and metal cutting discs are not interchangeable. Use the correct disc for the application
- Never use cutting discs for grinding operations. The disc might shatter and produce projectiles that could injure the operator and/or bystanders
- When cutting, always keep the angle of the disc constant. Do not apply any sideways force to cutting discs, as this might lead to the disc becoming jammed in the cut and shattering

WARNING: Do not apply too much pressure to the machine whilst cutting. Excessive pressure does not result in more effective or faster cutting, but will in fact cause premature wear of the cutting disc and increase wear and tear on the machine.

Note: The cutting disc will wear during use, and the disc diameter will gradually reduce in size. The smaller the disc becomes, the more strain will be placed on the motor. Avoid damage to the machine by only using cutting discs that fall within approximately 25% of the original size.

Using a cup brush or wire wheel

- Always check the no-load speed of the grinder does not exceed the maximum speed of the cup brush or wire wheel
- Ensure no part of the cup brush or wire wheel can come into contact with the machine housing
- Run the grinder, with cup brush or wire wheel attached, for at least 30 seconds before use to check that the cup brush or wire wheel is secure and properly balanced
- When using a wire cup brush or wire wheel, avoid applying excess pressure. Using greater force will not make the cup brush or wire wheel more effective, but will bend the wires out of shape and damage the brush

Accessories

- A range of accessories, including the cutting wheel guard, grinding, cutting and flap discs, diamond wheels, wire cups and more is available from your Triton dealer. Spare parts can be purchased from your Triton dealer or online at www.tools4sparesonline.com

Maintenance

WARNING: Always remove the plug from the mains power supply before carrying out any maintenance/cleaning.

- This tool is manufactured using class leading components and makes use of the latest in intelligent circuitry that protects the tool and its components. In normal use it should provide a long working life
- Inspect the supply cord of the tool, prior to each use, for damage or wear. Repairs should be carried out by an authorised Triton service centre. This advice also applies to extension cords used with this tool
- If the replacement of the supply cord is necessary, this has to be done by the manufacturer or his agent in order to avoid a safety hazard

Cleaning

- Keep the machine clean at all times. Dirt and dust will cause internal parts to wear quickly, and shorten the machine's service life. Clean the body of your machine with a soft brush or dry cloth. If available, use clean, dry, compressed air to blow through the ventilation holes

Brushes

- Over time the carbon brushes inside the motor may become worn
- Excessively worn brushes may cause loss of power, intermittent failure, or visible sparking
- If you suspect that the brushes may be worn, have them replaced at an authorised Triton service centre

Storage

- Store this tool and its accessories after use in its case, in a dry, secure place out of the reach of children

Disposal

Always adhere to national regulations when disposing of power tools that are no longer functional and are not viable for repair.

- Do not dispose of power tools, or other waste electrical and electronic equipment (WEEE), with household waste
- Contact your local waste disposal authority for information on the correct way to dispose of power tools

Troubleshooting

Problem	Possible cause	Solution
Angle grinder does not start when On/Off Switch (4) is depressed	No power	Check power supply
	Defective On/Off Switch	Replace the On/Off Switch at an authorised Triton Service Centre
Cutting disc is off centre/vibrating eccentrically	Grinding/cutting disc is overly worn	Turn off the grinder, remove and replace the disc, as instructed in 'Fitting a grinding or cutting disc'
	Deformed grinding/cutting disc	Turn off the grinder, remove and replace the disc, as instructed in 'Fitting a grinding or cutting disc'
	Grinding/cutting disc not fitted correctly	Turn off the grinder and refit the disc as instructed in 'Fitting a grinding or cutting disc'

Warranty

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

This product is covered by a 36 month warranty.

This warranty will not apply:

- (i) where this product has been subjected to misuse, abuse, accident or want of care;
- (ii) where this product has been used for a purpose for which it was not designed or is not suited;
- (iii) where the service of this product has been undertaken by a non-authorized person or company or if non-approved parts have been used;
- (iv) where this product has been used for industrial purposes.

Should service become necessary during the warranty period, the purchaser should contact an Authorised Service Centre or White International. In order to obtain warranty service, the purchaser must present the store receipt showing the name of the retailer and the date of purchase.

The period of the warranty begins from the original date of purchase, notwithstanding any subsequent repair or parts replacement.

Purchaser shall be responsible for all transport charges to and from the Authorised Service Centre.

Damage in transit is not covered by this warranty. The purchaser should remove from the product any liquids (if applicable) before sending the tool for service or repair. The tool should be packed securely to prevent damage.

Warranty Exclusions

Wear parts or service related parts required when performing normal and regular maintenance of this product are not covered by warranty unless it is found to be defective by an Authorised Service Centre. These include, but are not limited to: Blades

Distributed in Australia by White International.

PO Box 304 Milperra LPO, NSW Australia, 2214

Ph:1800 251 338

The White International Policy is one of continuous improvement and the company reserves the right to alter designs, colours and specifications without notice

Guarantee

To register your guarantee visit our web site at www.tritontools.com* and enter your details. 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.

Purchase Record

Date of Purchase: / /

Model: XT75010G

Serial Number: _____

(located on tool housing)

Retain your receipt as proof of purchase

Triton Precision Power Tools guarantees to the purchaser of this product that if any part proves to be defective due to faulty materials or workmanship within 3 YEARS from the date of original purchase, Triton will repair, or at its discretion replace, the faulty part free of charge.

This guarantee 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.

* Register online within 30 days.

Terms & conditions apply.

This does not affect your statutory rights

