



## **SAFETY AND OPERATING MANU**

Original instructions



Congratulations on your purchase of a TITAN. power tool from Titan Power Tools (UK) Ltd. We want you to continue getting the best performance from it so this handbook includes information on safety, handling and care. Please retain this handbook in case you need to refer to any of the information in the future.

Your **TITAN**. power tool comes with a 2 year guarantee, so should it develop a fault within this period contact your retailer.

#### **GUARANTEE**

This **TITAN**. product carries a guarantee of 2 years. If your product develops a fault within this period, you should, in the first instance contact the retailer where the item was purchased.

This guarantee specifically excludes losses caused due to:

- Fair wear and tear
- Misuse or abuse
- Lack of routine maintenance
- Failure of consumable items (such as batteries)
- Accidental dammage
- Cosmetic damage
- Failure to follow manufacturer's guidelines
- Loss of use of the goods

This guarantee does not affect your statutory rights. This guarantee is only valid in the UK.

For any enquiries relating to the guarantee please refer to your retailer.

#### GENERAL SAFETY INSTRUCTIONS



MARNING! Read all safety warnings designated by the symbol ! and all instructions.





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.

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

- a. Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- b. 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.
- c. Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

#### 2. Electrical safety

a. 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.

- b. 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.
- c. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- d. 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.
- e. 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.
- f. 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.

#### 3. Personal safety

- a. 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.
- b. 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.
- c. 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.

- **d. 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.
- **e. Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- f. 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.
- g. 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 INSTRUCYIONS FOR ABRASIVE CUTTING-OFF OPERATIONS

**Cut-off machine safety warnings** 

- a.The guard provided with the tool must be securely attached to the power tool and positioned for maximum safety, so the least amount of wheel is exposed towardsthe operator. Position yourself and bystanders away from the plane of the rotatingwheel. The guard helps to protect operator from broken wheel fragments and accidental contact with wheel.
- **b. Use only diamond cut-off wheels for your power tool.** Just because an accessory can be attached to your power tool, it does not assure safe operation.
- c. 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.
- **d. Wheels must be used only for recommended applications.** For example: do not grind with the side of 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 diameter for your selected wheel. Proper wheel flanges support the wheel thus reducing the possibility of wheel breakage.
- f. 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 TTguarded or controlled.
- g. The arbour size of wheels and flanges must properly fit the spindle of the power tool. Wheels and flanges 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.
- h. Do not use damaged wheels. Before each use, inspect the wheels for chips and cracks. If power tool or wheel is dropped, inspect for damage or install an undamaged wheel. After inspecting and installing the wheel, position yourself and bystanders away from the plane of the rotating wheel and run the power tool at maximum no load speed for one minute. Damaged wheels will normally break apart during this test time.
- i. Wear personal protective equipment. Depending on application, use face shield, safety goggles or safety glasses. As appropriate, wear dust mask, hearing protectors, gloves and shop apron capable of stopping small abrasive or workpiece fragments. The eye protection must be capable of stopping flying debris generated by various operations. The dust mask or respirator must be capable of filtrating particles generated by your operation. Prolonged exposure to high intensity noise may cause hearing loss.
- j. Keep bystanders a safe distance away from work area. Anyone entering the work area must wear personal protective equipment. Fragments of workpiece or of a broken wheel may fly away and cause injury beyond immediate area of operation.
- k. 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 contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- I. 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 wheel.
- m. Never lay the power tool down until the accessory has come to a complete stop. The spinning wheel may grab the surface and pull the power tool out of your control.
- **n. Do not run the power tool while carrying it at your side.** Accidental contact with the spinning accessory could snag your clothing, pulling the accessory into your body.
- o. Regularly clean the power tool's air vents. The motor's fan will draw the dust inside the housing and excessive accumulation of powdered metal may cause electrical hazards.
- p. Do not operate the power tool near flammable materials. Sparks could ignite these materials.
- q. Do not use accessories that require liquid coolants. Using water or other liquid coolants may result in electrocution or shock.

## Further safety instructions for abrasive cutting-off operations

#### Kickback and related warnings

Kickback is a sudden reaction to a pinched or snagged rotating wheel. Pinching or snagging causes rapid stalling of the rotating wheel which in turn causes the uncontrolled power tool to be forced in the direction opposite of the wheel'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 toward 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 and arm to allow youto 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 line with the rotating wheel.** Kickback will propel the tool in 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, segmented diamond wheel with a peripheral gap greater than 10 mm or toothed saw blade. Such blades create frequent kickback and loss of control.
- **f. Do not "jam" the 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.
- g. 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 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.
- h. Do not restart the cutting operation in the workpiece. Let the wheel 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.
- i. Support panels or any oversized workpiece to minimize 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.
- j. 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.

## ADDITIONAL SAFETY INSTRUCTIONS FOR YOUR WALL CHASER

#### 1.Maintain the tool with care

- 1) Only use Cutting discs in good condition and without damage.
- 2) Follow the directions for lubrication and replacement of parts.
- Inspect the power cord regularly and have a damaged cord repaired by an authorised service agent.
- 4) Inspect extension cords regularly, and replace any damaged cords.
- 5) Keep handgrips dry, clean and free from grease and oil.

#### 2. Remove adjustment tools and spanners

Make it a habit to never switch on the machine, until you have checked that any adjusting tools or spanners have been removed.

#### 3. Avoid unintentional starting

Never carry a connected machine with a finger on the switch. Make certain that the switch is in the "OFF" position, before connecting the machine to the power supply.

#### 4. Use outdoor extension cords

Whenever you use the tool outdoors, always use extension cords specifically designed for outdoor use.

#### 5. Stay alert

Watch what you are doing. Use your common sense. Do not use the tool when you are tired.

#### 6. Inspect damaged parts

- Check the alignment and free movement of moving parts, possible breakage of parts, attachments and any irregularities that could adversely affect operation.
- 2) A safety cover or any other damaged part should be properly repaired or replaced by an authorised service agent, unless otherwise directed in these directions.
- 3) Have any defective switches replaced by an authorised service agent.
- 4) Never use the tool whenever the tool cannot be switched "ON" or "OFF" with its own switch.

#### 7. Caution

- 1) Use of any part or accessory, other than described in these instructions for use, may possibly lead to bodily injury.
- Do not use blades which are deformed or cracked.
- Do not use blades made of high speed steel.
- 4) Do not stop to use the blades by lateral pressure on the disc.
- Remove plug from the mains supply before replacement of the blade, making adjustments, or other maintenance work.

#### 8. Warning!

Always use the appropriate safety equipment that is required for the product.e.g. Goggles/Safety Spectacles, Ear defenders (essential with tools with a noise rating of over 80dB(A), gloves and face masks, in all cases ensure that the safety equipment is in good condition!

**WARNING!** Never, cut or chase in surfaces, in which electrical cabling, gas or water pipes could be concealed. Always use a suitable detector to seek out concealed wiring or piping, or obtain advice from the local energy or water company.

## ADDITIONAL SAFETY WARNING FOR CONSTRUCTION DUST

The updated Control of Substances Hazardous to Health Regulations 1st October 2012 now also targets to reduce the risks associated with silica, wood and gypsum dusts.

Construction workers are one of the at-risk groups within this because of the dust that they breathe: silica dust is not just a nuisance; it is a real risk to your lungs!

Silica is a natural mineral present in large amounts in things like sand, sandstone and granite. It is also commonly found in many construction materials such as concrete and mortar. The silica is broken into very fine dust (also known as Respirable Crystalline Silica or RCS) during many common tasks such as cutting, drilling and grinding

Breathing in very fine particles of crystalline silica can lead to the development of:

Lung cancer

Silicosis

Chronic Obstructive Pulmonary Disorder (Chronic obstructive pulmonary disease (COPD))

And breathing in fine particles of wood dust can lead to the development of Asthma

The risk of lung disease is linked to people who regularly breathe construction dust over a period of time, not on the odd occasion.

To protect the lung, the COSHH Regulations sets a limit on the amount of these dusts that you can breathe (called a Workplace Exposure Limit or WEL) when averaged over a normal working day. These limits are not a large amount of dust: when compared to a penny it is tiny – like a small pinch of salt:

This limit is the legal maximum; the most you can breathe after the right controls have been used.

How to reduce the amount of dust?

- 1 Reduce the amount of cutting by using the best sizes of building products.
- 2 Use a less powerful tool e.g. a block cutter instead of angle grinder.
- 3 Using a different method of work altogether e.g. using a nail gun to direct fasten cable trays instead of drilling holes first.

Please always work with approved safety equipment, such as those dust masks that specially designed to filter out microscopic particles and use the dust extraction facility at all time. For more information please see the HSE website:

http://www.hse.gov.uk/construction or http://www.hse.gov.uk/pubns/cis69.pdf

Warning: Some dust particles created by power sanding, sawing, grinding, drill and other construction jobs contain 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 timber.

Your risk from these exposures varies, depending upon how often you do this type of work. To reduce your exposure to these chemicals:

- · Work in a well-ventilated area.
- Work with approved safety equipment, such as those dust masks that are specially designed to filter microscopic particles.

#### VIBRATION

The European Physical Agents (Vibration) Directive has been brought in to help reduce hand arm vibration syndrome injuries to power tool users. The directive requires power tool manufacturers and suppliers to provide indicative vibration test results to enable users to make informed decisions as to the period of time a power tool can be used safely on a daily basis and the choice of tool.

Further Advice can be found at www.hse.gov.uk

Vibration total values (triax vector sum) determined according to EN 60745:		
Groove cutting	Vibration for groove cutting $a_h = 12.006 \text{ m/s}^2$	
	Uncertainty K =1.5m/s <sup>2</sup>	

The declared vibration emission value should be used as a minimum level and should be used with the current guidance on vibration.

Calculating the actual period of the actual period off use can be difficult and the HSE website has further information.

The declared vibration emission been measured in accordance with a standardised test stated above and may be used to compare one tool with another.

The declared vibration emission value may also be used in a preliminary assessment of exposure.



Warning: The vibration emission value during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used dependant on the following examples and other variations on how the tool is used:

How the tool is used and the materials being cut.

The tool being in good condition and well maintained

The use of the correct accessory for the tool and ensuring it is sharp and in good condition.

The tightness of the grip on the handles.

And the tool is being used as intended by its design and these instructions.

#### This tool may cause hand-arm vibration syndrome if its use is not adequately managed

Warning: identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time). Note The use of other tools will reduce the users' total working period on this tool.

Helping to minimise your vibration exposure risk.

Maintain this tool in accordance with these instructions and keep well lubricated (where appropriate)

Avoid using tools in temperatures of 10°C or less

Plan your work schedule to spread any high vibration tool use across a number of days.

Health Surveillance

All employees should be part of an employer's health surveillance scheme to help identity any vibration related diseases at an early stage, prevent disease progression and help employees stay in work.

Double	insulation:	
--------	-------------	--

The tool is double insulated. This means that all the external metal parts are electrically insulated from the mains power supply. This is done by placing insulation barriers between the electrical and mechanical components making it unnecessary for the tool to be earthed.

#### Important note:

Be sure the supply is the same as the voltage given on the rating plate. The tool is fitted with a two-core cable and plug.

Remove the mains plug from socket before carrying out any adjustment or servicing.

#### **Overload Protection**

When overloaded, the motor comes to a stop. Turn off the machine immediately and allow cooling down for approx. 30 seconds at the highest no-load speed.

If the overload protection device starts to work, please reduce the feed speed and/or cutting depth to protect the machine.

#### **Thermal Protection**

When motor overheated, the thermal protection will stop the motor. Relieve the load on the machine immediately and allow cooling down for approx. 20 min. And please always running the machine no-load for approx. 30 seconds before start to work.

## **SYMBOLS**



To reduce the risk of injury, user must read instruction manual



Warning



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.



Wear ear protection



Wear gloves



Wear eye protection



Wear dust mask



Double insulation

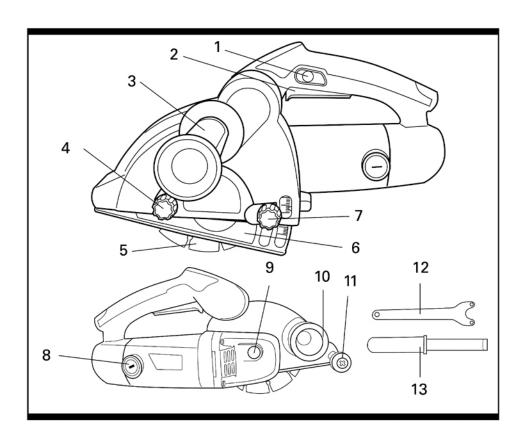


Conformity to CE directive



Manufacturing date code:

Year of manufacturing (20yy) and week of manufacturing (Wxx).



1 On/off trigger switch	8 Carbon brush cap
2 Lock off button	9 Spindle lock button
3 Auxiliary handle	10 Dust outlet
4 Flange cap lock knob	11 Guide wheel
5 Diamond cutting discs	12 Spanner
6 Base plate	13 Chisel
7 Adjusting channel depth knob	

## **TECHNICAL DATA**

230-240V~ 50Hz
1700W
8000/min
0-40mm
8-30mm
Ø150x2x7xØ22.23mm
M14
II
5.3kg

## **NOISE DATA**

A weighted sound pressure	100,7dB(A) / K <sub>pA</sub> : 3dB(A)
A weighted sound power	111,7 dB(A) / K <sub>WA</sub> : 3dB(A)
Wear ear protection when sound pressure is over	80dB

## **ACCESSORIES**

Auxiliary handle	1pc
Spanner	1pc
Diamond cutting discs	2pcs
Chisel	1pc
Dust extraction adaptor (35mm)	1pc

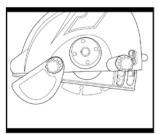


Fig. 1

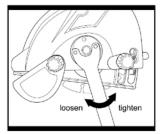


Fig. 2

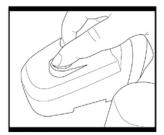


Fig. 3

## **OPERATIONS INSTRUCTIONS**



Note: Before using the tool, read the instruction book carefully.



**WARNING:** NEVER press the spindle locking button while the machine is running.

ALWAYS unplug the tool from the power supply BEFORE carrying out any adjustments or maintenance.

## INTENDED USE

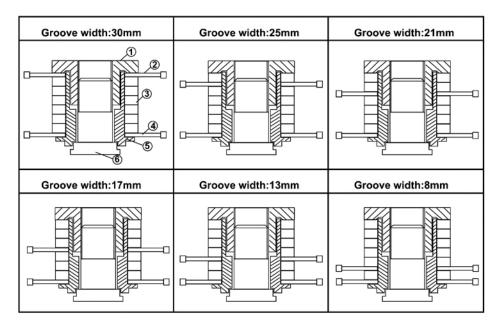
This wall chaser shall be used only to make groove cutting in concrete and masonry or similar materials without the use of water. Other uses for the tool will lead to the

damage of the tool and a series of dangers to the operator. This tool is intended for DIY home use, or occasional professional use.

1. FITTING CUTTING DISCS (Fig. 1 & 2 & 3) CAUTION: Use only diamond cutting discs suitable for the material to be cut.

Firstly loosen the adjusting channel depth knob (4) and then loosen the flange cap lock knob (3). You can now slide the flange cap up and reveal the flange. Using the spanner provided you can undo the flange clockwise, at the same time depress the spindle locking button. Now assemble the blades and distance washers to suit your application.

## **Cross Section View of Discs, Spindle and Washers**



1.outer flange

2.diamond wheel

3.distance washers

4.diamond wheel

5.support flange

6.drive spindle

## 2. ADJUSTING THE GROOVE WIDTH (DISTANCE BETWEEN THE TWO **DIAMOND WHEELS)**

You can adjust the groove width (the distance between the two diamond wheels) by simply changing the distance washer position as shown in the table above.

Once you have determined your optimum groove width carefully mount a diamond wheel to the spindle, then mount the distance washers and second diamond wheel as appropriate.

CAUTION: The support flange must always be located to the drive spindle and should not be free to rotate, make sure it is fully located prior to loading the discs and distance washers!

NOTE: Always make sure that you have mounted the wheels correctly and in accordance with the direction arrows on the diamond disc and the body of the machine.

Now mount the outer flange and tighten anti-clockwise using the spanner provided. At the same time depress the spindle lock button. Finally lower the flange cap and re-tighten the flange cap lock knob and the adjusting channel depth knob.

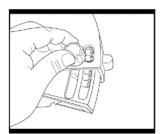


Fig. 4

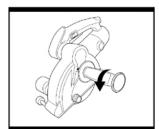


Fig. 5

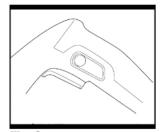


Fig. 6

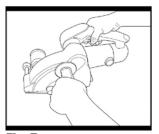


Fig. 7

## 3. ADJUSTING THE GROOVE DEEPTH

(Fig. 4)

You can adjust the depth of groove simply by loosening the adjusting channel depth knob and lowering or raising the base plate to the desired position. Re-tighten the adjusting channel depth knob after setting the depth.

## 4. FITTING THE AUXILIARY HANDLE (Fig. 5)

For your own safety we recommend that you fit the auxiliary handle at all times thus maintaining complete control of the tool during operation. To fit the handle locate to the fixed guard and simply screw anti-clockwise into place and secure.

#### 5. SWITCHING ON AND OFF (Fig. 6)

You wall chaser is equipped with a safety lock off button to prevent unintentional starting. To switch on simply depress the safety lock off button and then depress the ON/OFF trigger. To switch off release the ON/OFF trigger.

## 6. CONNECTING THE DUST EXTRACTION ADAPTOR

Your wall chaser is delivered with a dust extraction adaptor. Insert the adaptor on the dust outlet and turn it to lock it and ensure it is securely located. We recommend that you use a suitable dust extraction method at all times and this will prevent the build up of debris and possible over heating of the motor! Failure to use dust extraction in confirmed spaces will reduce working times. If visibility is reduced by dust stop using the chaser until the dust has been removed and visibility is restored.

#### 7. USING THE TOOL (Fig. 7)



**WARNING:** BEFORE you start work ensure that the area is clear of electric cables, gas and water pipes.

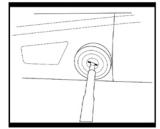
Bring the front of the wall chaser into contact with the wall, switch on and bring the motor up to speed. Slowly push down until the preset depth of cut is achieved. Now push the chaser in the direction of the cut, normally from bottom to top.

After cutting any material that remains between the two discs can be cleared using the chisel supplied, but ensure that the product is switched off and unplugged.

**WARNING!** Deep cuts into hard materials cannot be achieved in a single cut!

## 8. REPLACING THE CARBON BRUSH (Fig. 8)

If you suspect that the brush may be worn or as a purely precautionary measure, it can be removed and inspected and replaced if required. Firstly remove the cap over the brush housing with a screwdriver. You can now remove the old carbon brush. Slide the new brush into the housing and relocate the cap and secure. Once the brush has been replaced, check and confirm that the wall chaser still operates. Allow the unit to run for a few minutes to enable the new brushes to 'bed' down.



Fia. 8

## **MAINTENANCE**

## Remove the plug from the socket before carrying out any adjustment, servicing or maintenance.

Your power tool requires no additional lubrication or maintenance. There are no user serviceable parts in your power tool. Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth. Always store your power tool in a dry place. Keep the motor ventilation slots clean. Keep all working controls free of dust. Occasionally you may see sparks through the ventilation slots. This is normal.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Problem	Possible cause	Solution
The electric motor becomes hot and cuts out.	The overheating protection has been activated.     The motor is defective.	1) Wait several minutes until the machine has cooled down, then re-start the machine. 2) Take the machine to your dealer for inspection and / or repair.
The machine is switched on but will not run.	1) The overload protection has been activated. 2) The overheating protection has been activated. 3) The switch is damaged.	1) Re-start the machine. 2) Wait several minutes until the machine has cooled down, and then re-start the machine. 3) Take the machine to your dealer for inspection and / or repair.

## **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. For further

information visit www.recyclemore.co.uk

# PLUG REPLACEMENT (UK & IRELAND ONLY)

If you need to replace the fitted plug then follow the instructions below.

#### IMPORTANT

The wires in the mains lead are coloured in accordance with the following code:

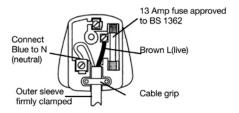
#### BLUE =NEUTRAL Brown = Live

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows. The wire which is coloured blue must be connected to the terminal which is marked with N. The wire which is coloured brown must be connected to the terminal which is marked with L.

## Warning:

Never connect live or neutral wires to the earth terminal of the plug. Only fit an approved 13AMP BS1363/A plug and the correct rated fuse.

**Note:** If a moulded plug is fitted and has to be removed take great care in disposing of the plug and severed cable, it must be destroyed to prevent engaging into a socket.





## **Declaration of Conformity**

We, Importer
Titan Power Tools (UK) Ltd
Trade House, Mead Avenue, BA22 8RT

Declare that the product:

Designation: WALL CHASER 1700W

Model: TTB293WCH

Complies with the following Directives:

2004/108/EC Electromagnetic Compatibility Directive

2006/42/EC Machinery Directive

2006/95/EC Low Voltage Directive

2011/65/EU Restrictions of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment
2012/19/EU Waste Electrical and Electronic Equipment (WEEE)

Standards and technical specifications referred to:

EN 60745-1:2009 + A11:2010 EN 60745-2-22:2011 EN 55014-1:2006 + A1:2009 EN 55014-2:1997 + A1:2001 + A2:2008 EN 61000-3-2:2006 + A1:2009 + A2:2009 EN 61000-3-3:2008

Authorised Signatory and technical file holder

Date: 25/02/2014

Signatura M. C. Hames

Name / title: Peter Harries / Quality Manager

Titan Power Tools (UK)Ltd. Trade House, Mead Avenue, BA22 8RT

CE