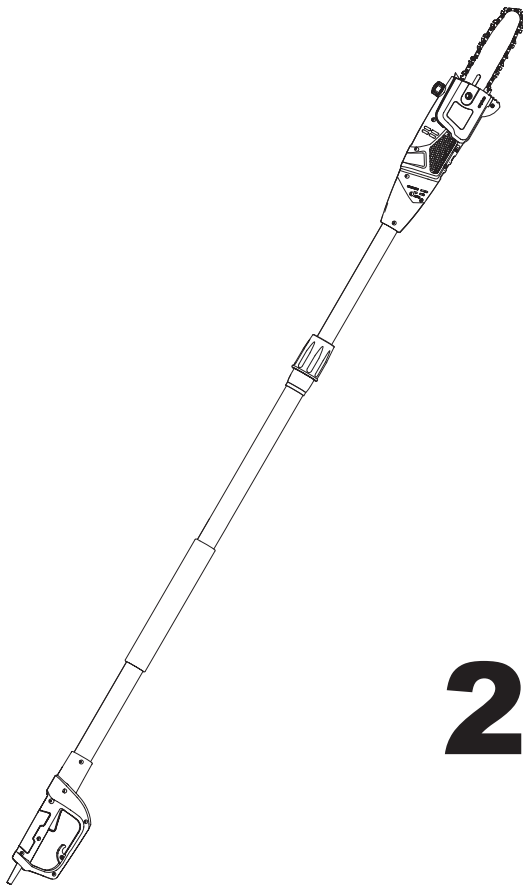


TITAN®



24 month
Manufacturer's
Warranty

SAFETY AND OPERATING MANUAL

Original instructions

POLE PRUNER 750W TTB426GDO

TITAN®

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 24-month guarantee, so should it develop a fault within this period contact your retailer.

GUARANTEE

This **TITAN** product carries a guarantee of 24 months. 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 damage
- 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.

SAFETY INSTRUCTIONS



Warnings! Read this instruction carefully before operating this pruner.

Make sure that you are familiar with the controls and properly operate the machine. Following this instructions, you can reduce the risk of fire, electric shock and personal injury.

GENERAL SAFETY INSTRUCTIONS

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 "garden power tool" in the warnings refers to your mains-operated (corded) garden power tool or battery-operated (cordless) garden power tool!

- 1. This garden power tool is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the garden power tool by a person responsible for their safety.**
- 2. Children should be supervised to ensure that they do not play with the garden power tool.**
- 3. The garden power tool must be kept out of reach of children.**
- 4. Store the instruction manual in a location accessible to all users of the garden power tool and always include the instruction manual when passing it on to other users.**
- 5. Instruct inexperienced persons on the safe use of this garden power tool using this instruction manual.**

Work area safety

- 1. Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- 2. Do not operate garden power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Garden power tools create sparks which may ignite the dust or fumes.
- 3. Keep children and bystanders away while operating a garden power tool.** Distractions can cause you to lose control.

Electrical safety

- 1. Garden power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) garden power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- 2. 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.
- 3. Do not expose garden power tools to rain or wet conditions.** Water entering a garden power tool will increase the risk of electric shock.
- 4. Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the garden power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- 5. When operating a garden 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.


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- 6. If operating a garden 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.

Personal safety

- 1. Stay alert, watch what you are doing and use common sense when operating a garden power tool. Do not use a garden power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating garden power tools may result in serious personal injury.
- 2. 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.
- 3. 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 garden power tools with your finger on the switch or energising garden power tools that have the switch on invites accidents.
- 4. Remove any adjusting key or wrench before turning the garden power tool on.** A wrench or a key left attached to a rotating part of the garden power tool may result in personal injury.
- 5. Do not overreach. Keep proper footing and balance at all times.** This enables better control of the garden power tool in unexpected situations.
- 6. 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.
- 7. 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.

Garden power tool use and care



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

Service


Have your garden power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the garden power tool is maintained.

PRUNER SAFETY INSTRUCTIONS



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- 1. Interrupt your work when you feel tired or exhausted. Make regular breaks to regenerate.** A moment of inattention while operating the garden power tool may result in serious personal injury.
- 2. Keep all parts of the body away from the saw chain. Do not remove cut material or hold material to be cut when saw chain is moving. Make sure the switch is off when clearing jammed material.** A moment of inattention while operating the garden power tool may result in serious personal injury.
- 3. Hold the garden power tool by insulated gripping surfaces only, because the saw chain may contact hidden wiring or its own cord.** Saw chains contacting a "live" wire may make exposed metal parts of the garden power tool "live" and could give the operator an electric shock.
- 4. Keep cable away from cutting area.** During operation the cable may be hidden in shrubs and can be accidentally cut by the blade.
- 5. Keep all parts of the body away from the saw chain when the garden power tool is operating. Before you start the garden power tool, make sure the saw chain is not contacting anything.** A moment of inattention while operating garden power tools may cause entanglement of your clothing or body with the saw chain.
- 6. Always hold the garden power tool with both hands on the handle and soft grip.** Holding the garden power tool with only one hand or on parts not intended for that increases the risk of personal injury and should never be done.
- 7. Wear safety glasses and hearing protection. Further protective equipment for head, hands, legs and feet is recommended.** Adequate protective clothing will reduce personal injury by flying debris or accidental contact with the saw chain.
- 8. Do not operate a garden power tool in a tree.** Operation of a garden power tool while up in a tree may result in personal injury.
- 9. Always keep proper footing and operate the garden power tool only when standing on fixed, secure and level surface.** Slippery or unstable surfaces such as ladders may cause a loss of balance or control of the garden power tool.
- 10. When cutting a limb that is under tension be alert for spring back.** When the tension in the wood fibres is released the spring loaded limb may strike the operator and/or throw the garden power tool out of control.
- 11. Use extreme caution when cutting brush and saplings.** The slender material may catch the saw chain and be whipped toward you or pull you off balance.
- 12. Carry the garden power tool by the soft grip with the garden power tool switched off and away from your body. When transporting or storing the garden power tool always fit the guide bar cover.** Proper handling of the garden power tool will reduce the likelihood of accidental contact with the moving saw chain.
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- 13. Follow instructions for lubricating, chain tensioning and changing accessories.** Improperly tensioned or lubricated chain may either break or increase the chance for kickback.
 - 14. Keep handles dry, clean, and free from oil and grease.** Greasy, oily handles are slippery causing loss of control.
 - 15. Cut wood only. Do not use garden power tool for purposes not intended. For example: do not use garden power tool for cutting plastic, masonry or non-wood building materials.** Use of the garden power tool for operations different than intended could result in a hazardous situation.
 - 16. Pay attention to national and local regulations.** National and local regulations may restrict the use of this garden power tool.

Causes and operator prevention of kickback

- 1.** Kickback may occur when the nose or tip of the guide bar touches an object, or when the wood closes in and pinches the saw chain in the cut.
 - 2.** Tip contact in some cases may cause a sudden reverse reaction, kicking the guide bar up and back towards the operator.
 - 3.** Pinching the saw chain along the top of the guide bar may push the guide bar rapidly back towards the operator.
 - 4.** Either of these reactions may cause you to lose control of the saw which could result in serious personal injury. Do not rely exclusively upon the safety devices built into your saw. As a garden power tool user, you should take several steps to keep your cutting jobs free from accident or injury.
 - 5.** Kickback is the result of 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, with thumbs and fingers encircling the garden power tool handles, with both hands on the saw and position your body and arm to allow you to resist kickback forces.** Kickback forces can be controlled by the operator, if proper precautions are taken. Do not let go of the garden power tool.
 - b). Do not overreach and do not cut above shoulder height.** This helps prevent unintended tip contact and enables better control of the garden power tool in unexpected situations.
 - c). Only use replacement bars and chains specified by the manufacturer.** Incorrect replacement bars and chains may cause chain breakage and/or kickback.
 - d). Follow the manufacturer's sharpening and maintenance instructions for the saw chain.** Decreasing the depth gauge height can lead to increased kickback.
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Residual risks

Even if you are operating this garden power tool in accordance with the provisions, residual risks will always still remain. The following dangers can arise in connection with the structure and design of this garden power tool:

- 1.** Health defects resulting from vibration emission if the garden power tool is being used over longer period of time or not adequately managed and properly maintained.
 - 2.** Injuries and damage to property to due to broken accessories or hidden objects that are suddenly dashed.
 - 3.** Injuries and damage to property to due to thrown and fallen objects.
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Emergency

- 1. Familiarise yourself with the use of this garden power tool by means of this instruction manual. Memorise the safety directions and follow them to the letter.** This will help to prevent risks and hazards.
- 2. Always be alert when using this garden power tool, so that you can recognise and handle risks early.** Fast intervention can prevent serious injury and damage to property.
- 3. Stop the engine and unplug from the mains if there are malfunctions.** Have the garden power tool checked by a qualified professional and repaired, if necessary, before you put it into operation again.

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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 ISO 11680-1:	
Vibration level for operation	Vibration emission value $a_h = 2.681 \text{ m/s}^2$
	Uncertainty $K = 1.5 \text{ m/s}^2$

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 standard listed 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 ground or cut.

The tool being in good condition and well maintained.

The use 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.

Health Surveillance.

All employees should be part of an employer's health surveillance scheme to help identify 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.

SYMBOLS



Warning



Read the instruction manual



Double insulation



Compliance with relevant safety standards
0123



Wear eye protection
Wear ear protection
Wear helmet protection



Gloves with saw protection



Boots with saw protection, steel toecap and non-slip sole



Wear protective clothing



To avoid potential electric shock, do not use the unit in humid or wet conditions

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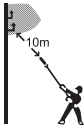
Switch off! Remove plug from mains before cleaning or maintenance



Switch off! Remove plug from the mains immediately if the cable is damaged or cut.



Correct direction of cutting-teeth.



Always beware of the danger from overhead electric-power line, keep a safe distance at least 10M from the power line.

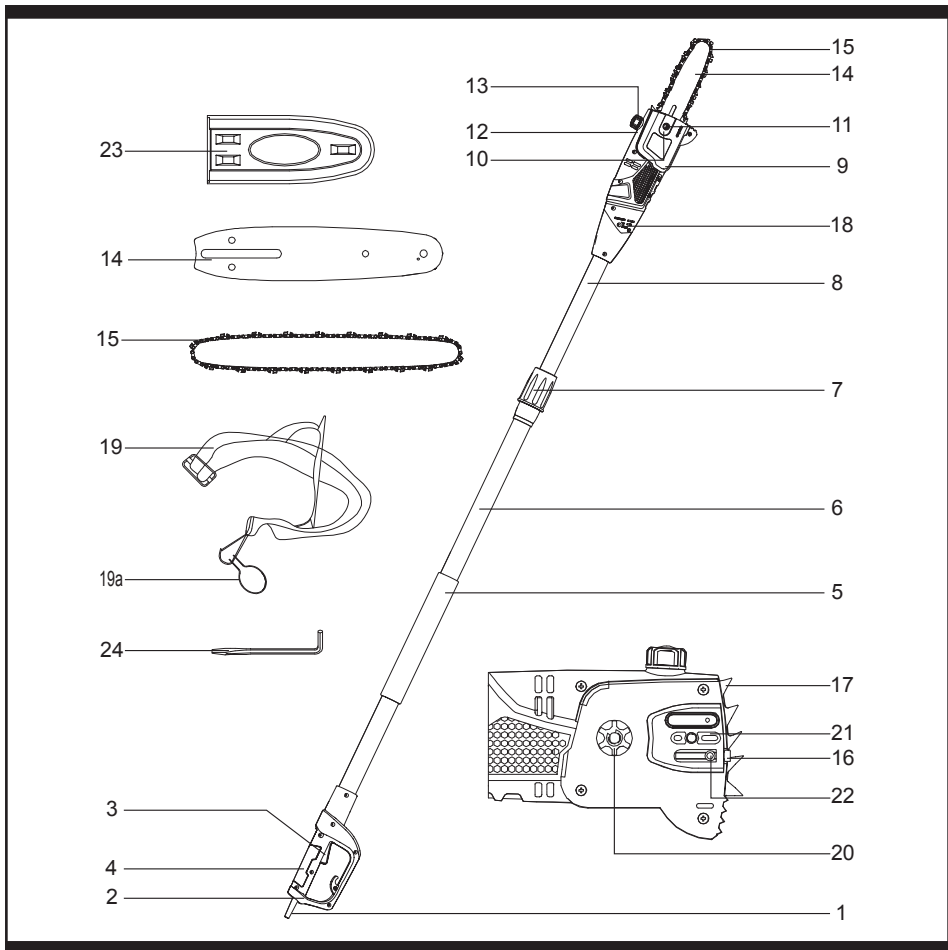


Waste electrical products should not be disposed of with household waste, please recycle where facilities exist. Check with your local authority or retailer for recycling advice.



Guaranteed sound power level





- 1 Power cord**
- 2 Handle**
- 3 ON/OFF switch**
- 4 Lock-off button**
- 5 Soft grip**
- 6 Pole**
- 7 Locking sleeve for pole extension**
- 8 Pole extension**
- 9 Side cover**
- 10 Cover insert**

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- 11 Hex screw**
- 12 Oil tank**
- 13 Oil tank cap**
- 14 Guide bar**
- 15 Saw chain**
- 16 Tension screw**
- 17 Spike bumper**
- 18 Vents**
- 19 Harness**
- 19a Harness attachment**
- 20 Sprocket**
- 21 Rail**
- 22 Tension pin**
- 23 Guide bar protection cover**
- 24 Multi tool**

TECHNICAL DATA

Rated voltage	230-240VAC 50Hz
Rated power	750W
No-load speed	6000/min
Chain speed	13.5m/s
Max. cutting length	180mm
Saw chain type	OREGON, 91PJ033X, 8"
Chain pitch	3/8"
Number of chain links	33
Chain gauge	0.050"
Bar type	OREGON, 552912, 8"
Oil tank capacity	60ml
Net Weight	3.6 kg
Cable length	3M

NOISE AND VIBRATION DATA

Measured sound pressure level	90 dB(A), K=3 dB (A)
Measured sound power level	105.1 dB(A), K=2.35 dB (A)
Guaranteed sound power level	108 dB(A)
Vibration:	2.681 m/s ² , K=1.5m/s ²

The declared vibration value has been measured in accordance with a standard test method and may be used for comparing one tool with another.
The declared vibration value may also be used in a preliminary assessment of exposure.

WARNING! The vibration emission value during actual use of the tool can differ from the declared value depending on the ways in which the tool is used. 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).

The sound intensity level for the operator may exceed 85dB(A) and ear protection measures are necessary.

ACCESSORIES

Harness	1PC
Saw chain	1PC
Multi tool	1PC

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OPERATION INSTRUCTIONS



WARNING! Read all instructions carefully. Do not connect the pole pruner to mains supply power before it is completely assembled. Always use gloves during assembly.

I. ASSEMBLY INSTRUCTIONS

Your pole pruner requires installation of the guide bar, saw chain, sprocket cover, adjustment of chain, and filling the oil tank with lubricating oil before it is ready for operation. Do not switch the pole pruner on until it is properly assembled. Follow the operating instructions step-by-step and use the pictures provided as a visual guide to easily assemble the machine.

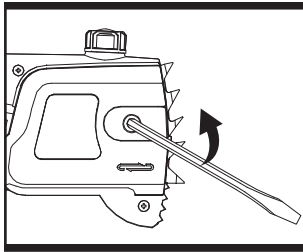


Fig. 1

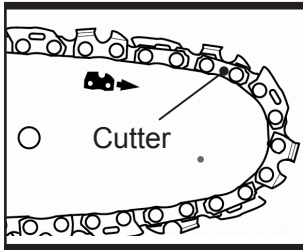


Fig. 2

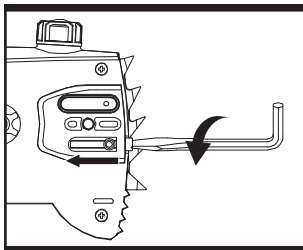


Fig. 3

1). CHAIN AND BAR ASSEMBLY

- a). Use only a guide bar and saw chain according to the technical data of the pole pruner.
- b). Set the pole pruner on a suitable flat surface with the cover facing upwards. Unscrew in counter-clockwise direction the hex screw with Allen key (supplied) and then remove the side cover and cover insert. (See Fig.1)
- c). Spread the saw chain out with the cutting edges of the chain pointing in the direction of rotation. Slide the chain into the slot around the chain bar. Ensure chain is installed in correct direction of rotation. (See Fig.2)
- d). Use the screwdriver end of the multi tool (24, provided) to turn the chain tension screw in a counter-clockwise direction. The tension pin is moved toward the left. (See Fig.3)

e). Mount the guide bar and saw chain assembly over the sprocket and align the slot in the guide bar with the rail. Push the guide bar to the left towards the sprocket. Make sure the tension pin is inserted into the lower hole (A) on the guide bar. (See Fig.4)

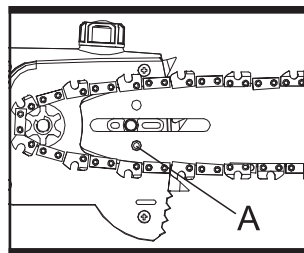


Fig. 4

f). Fit the side cover and cover insert back, tighten the screw using the Allen key. (See Fig.5)

g). The saw chain is not yet tensioned. Tension the chain as described under "SAW CHAIN TENSIONING". After running the chain saw for approx. 1 hour, adjust the chain tension.

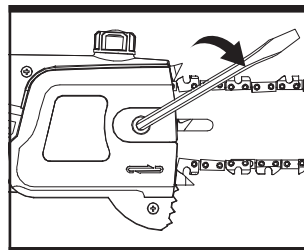


Fig. 5

2). SAW CHAIN TENSIONING

Always check the saw chain tension before use, after the first cuts and regularly during use, approx. every 5 cuts. Upon initial operation, new chains can lengthen considerably. This is normal during the break-in period and the interval between future adjustments will lengthen quickly.



WARNING! Unplug from power source before adjusting saw chain tension.



WARNING! Cutting edges on saw chain are sharp. Always wear protective gloves when handling chain.



WARNING! Always maintain proper chain tension. A loose chain will increase the risk of kickback.

A loose chain may jump out of guide bar groove. This may injure operator and damage the chain.

A loose chain will cause rapid wear to chain, chain bar, and sprocket.



WARNING! Tensioning the chain too tightly will overload the motor and cause damage, insufficient tension can provoke chain derailing, whereas a correctly tightened chain provides the best cutting characteristics and prolonged work life. The chain life depends mainly upon sufficient lubrication and correct tensioning.

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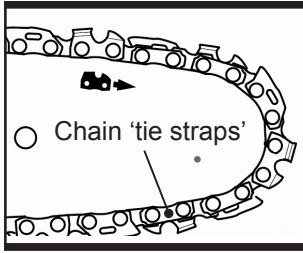


Fig. 6a

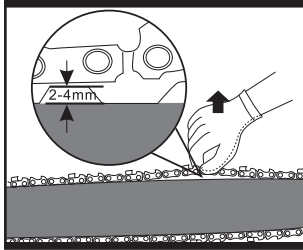


Fig. 6b

- a). Set the power tool on a suitable flat surface.
- b). Use the screwdriver end of the multi tool to turn the chain tension screw in a clockwise direction until the chain "tie straps" are just touching the bottom edge of the guide bar. The correct chain tension is reached when the chain can be lifted by approx. 2-4 mm from the chain bar in the centre. This should be done by using one hand to lift the chain against the weight of the machine. (See Fig.6a & 6b)

3). CHAIN AND BAR LUBRICATION

WARNING! The pruner is not filled with oil. It is essential to fill with oil before using. Never operate the pruner without chain oil or an empty oil tank, as this will result in extensive damage to the product.

WARNING! Never run the bar and chain without lubrication oil. Running the saw dry or with too little oil will decrease cutting efficiency, shorten chain saw life, and cause rapid wear to the chain and bar from overheating. Insufficient oil is evidenced by smoke or bar discoloration. Adequate lubrication of the saw chain during cutting operations is essential to minimize friction with the guide bar. Your pruner is equipped with an automatic oiling system. The oiling system automatically delivers the proper amount of oil to the bar and chain.

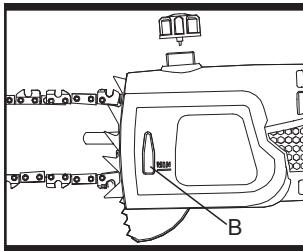


Fig. 7

The oil tank holds 60ml chain lubrication oil, enough to lubricate the chain for 20-25 minutes of cutting.

The oil tank level can be checked by way of the oil level gauge (B). Check oil level gauge prior to start-up and regularly during operation. Refill oil when oil level is lower than "MIN" marking. (See Fig.7)

- a). Set pruner on any suitable surface with oil tank cap (13) facing upward.
- b). Clean area around the oil tank cap with cloth.
- c). Add chain lubrication oil until reservoir is full. You can use either SAE30 or SAE10.
- d). Avoid dirt or debris entering oil tank, refit oil filler cap and tighten.

4). HARNESS



WARNING! The harness helps the operator carry this pruner. Always attach the harness when operating the pruner. Do not carry it only with your hands.

- a). Remove the nut and screw from the harness attachment (19a).
- b). Push the harness attachment onto the pole, between handle and grip, with the holes facing upwards. Secure the harness attachment with screw and nut.
- c). Fit and adjust the length of the harness for easy operation. (See Fig.8a & 8b, 8c)

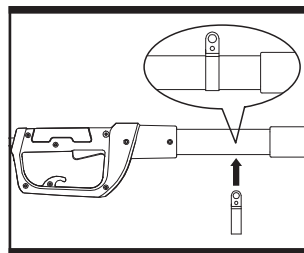


Fig. 8a

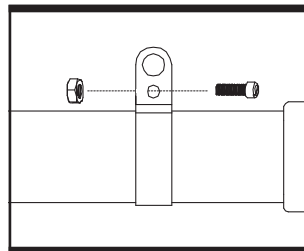


Fig. 8b

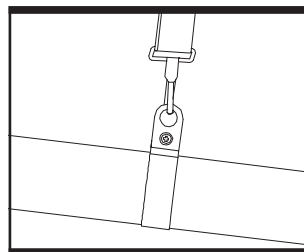


Fig. 8c

2. POWER CONNECTION



WARNING! Before operating the pruner, ensure that the fastening elements are undamaged.

In order to prevent risk, always switch off the motor and pull out the mains plug before starting this task.

The pole pruner can be connected to any socket (with 230-240V alternating current).

We recommend to always use the appliance via a Residual Current Device (RCD) with a tripping current of max. 30mA.

1). Use only rubber-insulation-sheath extension cables suitable for outdoor use. The recommended size of extension cord is not lighter than 1.5mm² and a maximum of 10meters in length.

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- 2). Mains leads on pruner are particularly susceptible to insulation damage. The causes of this include the following:
- Cut the cable by passing over it with the pruner.
 - Damage through crushing if the mains lead is routed under doors or windows.
 - Cracks caused by ageing of the insulation sheath.
 - Kinks caused by incorrect fastening or routing of the mains lead.
- 3). Such damaged mains leads should not be used under any circumstances as they may cause fatal injuries due to their damaged insulation sheath.
- 4). Always check the plug and cable and make sure they are in good condition before operation.

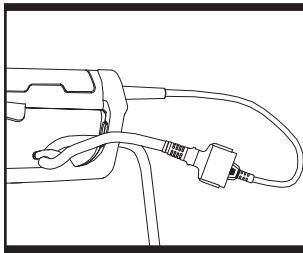


Fig. 9

3. CABLE ROUTING

Always route the electric main cable away from the work area to prevent it from coming into contact with the blade. Plan your route before starting work. Start your work at the nearest point to the electrical outlet, and work away from it. This will keep the cable away from the pruner and avoid it being accidentally cut. Keep the cable over your shoulder for added safety.

For tension relief of the cable, form a loop of the end of the extension cable and bring this through the opening at the handle and insert it into the cable hook. (See Fig.9)

4. CUTTING LENGTH ADJUSTMENT

! WARNING! Always switch the motor off and pull the mains plug from power supply before any adjustment.

The cutting length of the pruner can be adjusted continuously according to required cutting height.

- 1). Unscrew the locking sleeve in clockwise-direction and extend the pole bar forward.
- 2). After adjusting required length, tighten the locking sleeve. (See Fig.10)

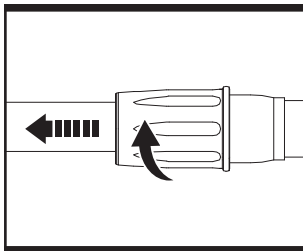


Fig. 10

5. STARTING AND STOPPING

1). STARTING

The pole pruner is fitted with a lock-off button feature. To start the pruner, simply depress the lock-off button (4) then fully press and hold the switch trigger (3). The lock-off button can now be released.

NOTE: It is not necessary to maintain pressure on the lock-off button once the switch trigger is squeezed and the motor is running. The lock-off button is a safety device to avoid accidental start-up of the device.

2). STOPPING

The pruner will automatically stop once the switch trigger is released. The lock-off button will have to be depressed and the switch trigger squeezed to restart the pruner motor. (See Fig.11)

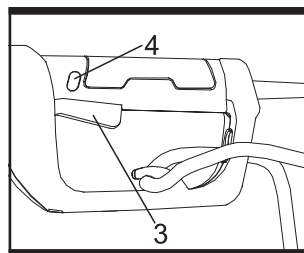


Fig. 11

6. KICKBACK

Kickback is the sudden backward/upward motion of the pruner, occurring when the chain (at the tip of the guide bar) comes in contact with a log or wood, or when the saw chain becomes jammed.

When kickback occurs the pruner reacts unpredictably and can cause severe injuries to the operator or bystanders. Particular attention must be given when sawing sideward, slanted or during lengthwise cuts, as the spiked bumper usually cannot be applied.

To avoid kickback:

- Saw with guide bar at a flat angle
- Never work with a loose, overstretched or worn out chain
- Ensure chain is sharpened correctly
- Never saw above shoulder height
- Never work with the tip of the guide bar
- Always hold the chain saw firmly with both hands
- Always use a low kickback chain
- Apply the metal gripping teeth for leverage
- Ensure correct chain tension

7. HANDLING

1). Always hold the pruner firmly with both hands using the soft grip. Fully grip both handles at all times during operation. Never operate this pruner using only one hand. Always hold the pruner at an angle of max. 60° from the horizontal level. Otherwise safe operation is not possible. (See Fig.12a)

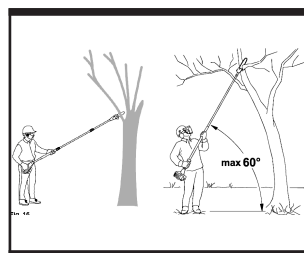


Fig. 12a

POLE PRUNER 750W TTB426GDO

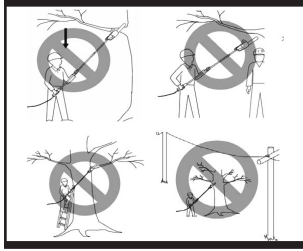


Fig. 12b

2). Never stand directly under the limb you are sawing. Objects may fall different than expected. Always position yourself out of the path of falling limbs. Keep other persons away from cutting end of garden power tool and at a safe distance from the work area. Maintain a minimum distance of 10 m to bystanders. Never stand on a ladder or other type of unstable support while using the pruner. Insecure stand could result in accidents. (See Fig.12b)

- 3). Ensure that the power cord is located to the rear, away from the chain and wood and positioned in such a way that it will not be caught on branches or the like during cutting.
- 4). Use the pruner only with secure footing. Hold the pruner at the right-hand side of your body.
- 5). Do not operate the pruner with arms fully extended or attempt to saw in areas which are difficult to reach.
- 6). Keep a firm, steady pressure on the pruner while working. Do not try to force the pruner through the wood, let the chain do the work; use the gripping teeth to apply minimal leverage pressure.
- 7). Beware when reaching the end of the cut. The weight of the pruner may change unexpectedly as it cuts free from the wood. Accidents can occur to legs and feet. Always remove the pruner from a wood cut while it is running.

8. PRUNING

1). CUT THIN BRANCHES

Thin branches can be cut off with one single cut. To prevent the branch from slivering and buckling the branch should be cut off in several pieces. (See Fig.13)

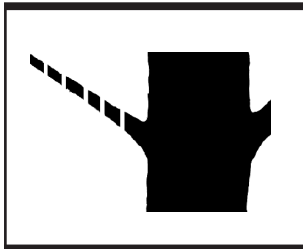


Fig. 13

2). CUT THICK BRANCHES

When cutting larger branches, three cuts are necessary as shown below:

- a). First cut into the branch from below, outside of the location where you intend to cut off the branch. The cut should go one third to halfway through the branch. (See Fig.14a)
- b). Cut into the branch from the top, outside from where the branch is to be sawn. (See Fig.14b)
- c). Last, cut off the stump with one clean cut from top to bottom. You might want to seal the cut with a suitable compound. (See Fig.14c)

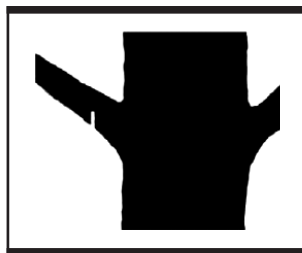


Fig. 14a

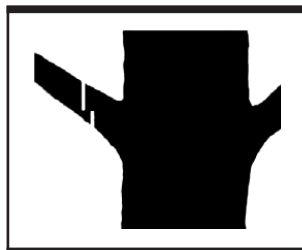


Fig. 14b



Fig. 14c

POLE PRUNER 750W TTB426GDO



MAINTENANCE



WARNING! Before carrying out any repairs or servicing work, you must ensure that the pruner has been disconnected from the power supply. Repairs and maintenance work other than described within this instruction manual may be performed only by qualified specialist!

1. SERVICE AND STORAGE

To ensure long and reliable service, carry out the following maintenance regularly. Servicing and cleaning work on the pruner and the removal of the guards may only be carried out after the motor has been switched off and the plug disconnected from the power supply.

- 1). Regularly check for obvious defects such as loose, dislodged or damaged chain and guide bar, loose fixings and worn or damaged components.
- 2). Check that covers and guards are undamaged and correctly fitted. Carry out necessary maintenance or repairs before using the pruner.
- 3). If the saw chain should happen to fail despite the care taken in manufacturing and testing, repair should be carried out by an authorized specialist.
- 4). Do not clean the pruner while it is running.
- 5). Ensure that all the fastening elements (screws, nuts, etc.) are tight at all times so that you can safely work with the pruner.
- 6). Check the pruner frequently for signs of wear. Replace worn or damaged parts.
- 7). Store your pruner in a dry place. To ensure a long service life all screw parts should be cleaned and then oiled.
- 8). Clean the pruner with a brush or cloth. Do not use any solvents or water to remove dirt.
- 9). The component that is subject to most wear is the saw chain. You should therefore check the condition of the saw chain and its mounting at regular intervals.
 - If the saw chain is worn or blunt it must be replaced or sharpened immediately;
 - If the pruner starts to suffer from excessive vibrations, this means that the saw chain or guide bar has not been balanced correctly or has suffered deformation due to impacts. In this case it must be repaired or replaced.



2. REPLACING/CHANGING SAW CHAIN AND GUIDE BAR

Assemble the chain and guide bar as described in "ASSEMBLY INSTRUCTIONS".

Over time, the circular groove of the guide bar will show wear on the lower edge. When replacing the chain, turn the chain bar 180° to allow even wear, thus extending chain bar life.

Check drive sprocket. If it is worn out or damaged due to strain, have it exchanged by an authorized service agent. If the guide bar is worn out or damaged, have it exchanged by an authorized service agent.

3. LUBRICATE DRIVE SPROCKET

1). Unplug the chain saw from the power source.

NOTE: It is not necessary to remove the saw chain to lubricate the guide bar sprocket tip. Lubrication can be done on the job.

2). Clean the guide bar sprocket tip.

3). Using disposable lube gun, insert needle nose into the lubrication hole (C) and inject grease until it appears at the outside edge of the sprocket tip. (See Fig.15)

4). Make sure to switch pruner off and rotate the saw chain by hand. Repeat the lubrication procedure until the entire sprocket tip has been greased.

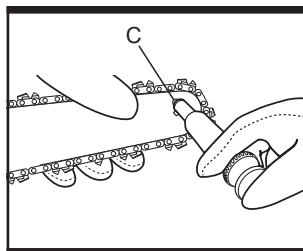


Fig. 15

4. CLEAN GUIDE BAR RAILS

1). Remove side cover, guide bar and saw chain.

2). Using a screwdriver, putty knife, wire brush or other similar instrument, clear residue from the rails on the guide bar. This will keep the oil passages open to provide proper lubrication to the bar and chain. (See Fig.16)

3). Reinstall the bar, chain (adjust tension), sprocket cover and bar bolt retaining nuts.

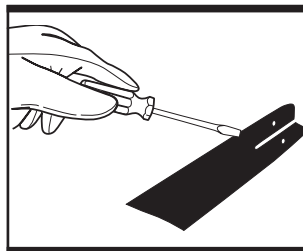


Fig. 16

5. GUIDE BAR MAINTENANCE

Most guide bar problems can be prevented simply by keeping the pruner well maintained. Incorrect filing and non-uniform cutting and depth gauge settings cause most guide bar problems, primarily resulting in uneven bar wear. As the bar wears unevenly, the rails widen, which may cause chain clatter and difficulty in making straight cuts. Insufficient guide bar lubrication and operating the pruner with a chain that is too tight will contribute to rapid wear. To help minimize wear on the bar, the following guide bar maintenance is recommended.

3). Reinstall the bar, chain (adjust tension), sprocket cover and bar bolt retaining nuts.

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6. CHAIN MAINTENANCE



Warning! Unless you have experience and specialized training for dealing with kickback (see Safety Precautions), always use a low-kickback saw chain, which significantly reduces the danger of kickback. Low-kickback saw chains do not eliminated kickbacks completely.

A low-kickback or “safety chain” should never be regarded as total protection against injury.

A low-kickback saw chain should always be used in conjunction with other kickback protection devices provided with your unit. Always use a replacement saw chain designed as “low-kickback” or a saw chain which meets the low-kickback performance. A standard saw chain (a chain which does not have the kickback reducing guard links) should only be used by an experienced professional pruner operator.

7. OIL PASSAGES

Oil passages at bar pad should be cleaned to ensure proper lubrication of the bar and chain during operation. This can be done using a soft wire small enough to insert into the oil discharge hole.

NOTE: The condition of the oil passages can be easily checked. If the passages are clear, the chain will automatically give off a spray of oil within seconds of starting the pruner. Your pruner is equipped with an automatic oiling system.



8. SHARPENING SAW CHAIN

It is highly recommended that, once the saw chain loses its ability to cut cleanly and safely, it is replaced. It is possible, however, to sharpen the existing chain if done carefully. (See Fig.17a, 17b & 17c)

- 1). Ensure the chain is correctly tensioned.
- 2). Use a round file with a diameter of 1.1 times the cutting tooth depth. Make sure 20% of the file diameter is above the cutter's top plate.
- 3). File at an angle perpendicular to the bar, and at an angle of 25° to the direction of travel.
- 4). File each tooth from the inside towards outside only. File one side of the chain first, then turn the pruner around and repeat the process.
- 5). Sharpen each tooth equally by using the same number of strokes.
- 6). Keep all cutter lengths equal.
- 7). Check the safety depth gauge height every 5 sharpenings.
- 8). If the depth gauges are also trimmed it is essential that the original profile be restored.
- 9). Use a depth gauge measuring instrument to check the height of the depth gauge.

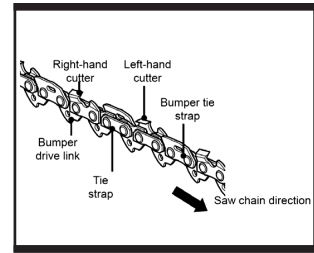


Fig. 17a

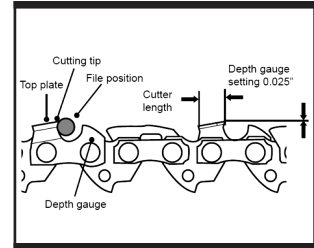


Fig. 17b

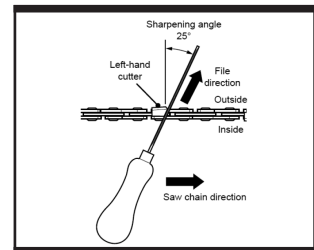


Fig. 17c

9. ORDERING REPLACEMENT PARTS

Please quote the following data when ordering replacement parts:

- Type of machine
- Article number of the machine
- Identification number of the machine
- Replacement part number of the part required

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TROUBLESHOOTING

WARNING! Only perform the steps described in these instructions! All further inspection, maintenance and repair work must be performed by a qualified specialist! Contact a specialist if the problem cannot be solved by yourself!

WARNING! Never use tools with defective On/Off switches or defective Kickback brake (Hand Guard). In the case of all other types of technical faults, please contact helpline or local service center.

WARNING! If the chain saw does not perform properly, or sound are abnormal, or motor cannot be started, or stopped as described, or the chain brake does not work properly, or any other irregularity, or malfunction occurs, do not attempt to repair the chain saw by yourself. Please contact helpline or local service center.

Problem	Possible cause	Fault correction
Garden power tool does not start	Power supply interrupted	Check the power supply by connecting another garden power tool.
	Power cord or plug is defect	Check by a specialist electrician.
	Other electrical defect to the garden power tool	Check by a specialist electrician
	Unlock button has not been pressed	First press the safety catch, then the on/off switch
Garden power tool does not operate at full output	Extension cord is too long and/or has across section which is too small.	Use an extension cord of the permitted length and/or with a sufficient cross-section
	Power supply (e.g. generator) has too low voltage	Connect the garden power tool to another power supply
Bad cutting result	Saw chain not tensioned properly	Tension properly
	Saw chain dull	Sharpen saw chain or replace

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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.recycle-more.co.uk.

UK PLUG REPLACEMENT

The fuse in the main plug of your garden power tool should always be replaced with one of identical rating. Check the voltage given on your garden power tool matches the supply voltage. The garden power tool is supplied with a fitted plug, however if you should need to fit a new plug follows the instruction below.

IMPORTANT:

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

Blue – Neutral

Brown – Live.

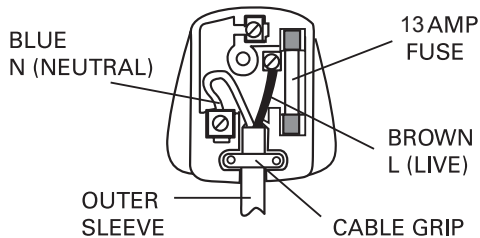
As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

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 the letter **L**.

Warning: Never connect live or neutral wires to the earth terminal of the plug. A 13AMP (BS1363/A) plug must be used and a 13AMP fuse must be fitted.

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



TITAN®

Declaration of Conformity

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

Declare that the product
Designation: 750W POLE PRUNER
Model: TTB426GDO

Complies with the following directives:
2006/42/EC - Machinery Directive
2004/108/EC - Electromagnetic Compatibility Directive
2006/95/EC - Low Voltage Directive
2000/14/EC amended by 2005/88/EC - Noise Emission in the Environment by Equipment for Use Outdoors Directive
2002/95/EC - Restrictions of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment
2002/96/EC and 2003/108/EC - Waste Electrical and Electronic Equipment (WEEE)

Notified body: TÜV SÜD Product Services GmbH
Notified body identification number: 0123

EC-Type examination certificate no.: M6A 10 08 60248 156

The conformity assessment followed was according to Annex III of the directive for equipment listed in schedule 1 / article 13 the chosen conformity assessment route Internal control of production (schedule 10 / Annex V)

- Measured Sound Power Level 105.1 dB(A)
- Guaranteed Sound Power Level 108 dB(A)

Standards and technical specifications referred to:

EN60335-1:2002 + A1:2004 + A2:2006 + A11:2004 + A12:2006 + A13:2008
EN ISO 11680-1:2011
EN62233:2008
EN55014-1:2006 + A1:2009
EN55014-2:1997 + A1:2001 + A2:2008
EN61000-3-2:2006 + A1:2009 + A2:2009
EN61000-3-3:2008

Authorised signatory and technical file holder

Date: 30/11/11

Signature: *P. C. Harries*

Name / title: Peter Harries / Quality Manager

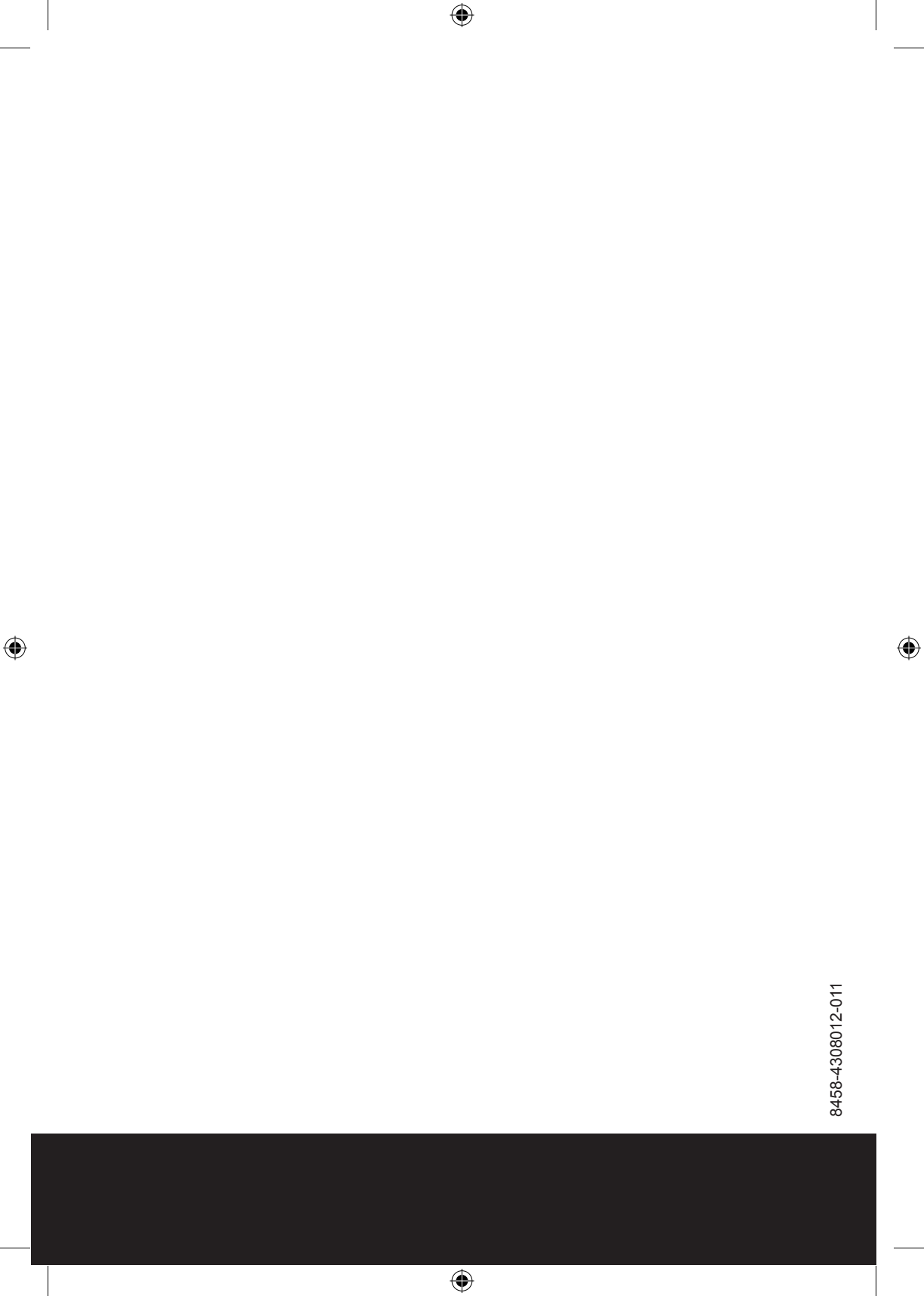
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ISSUE DATE: REV2-MAR12

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