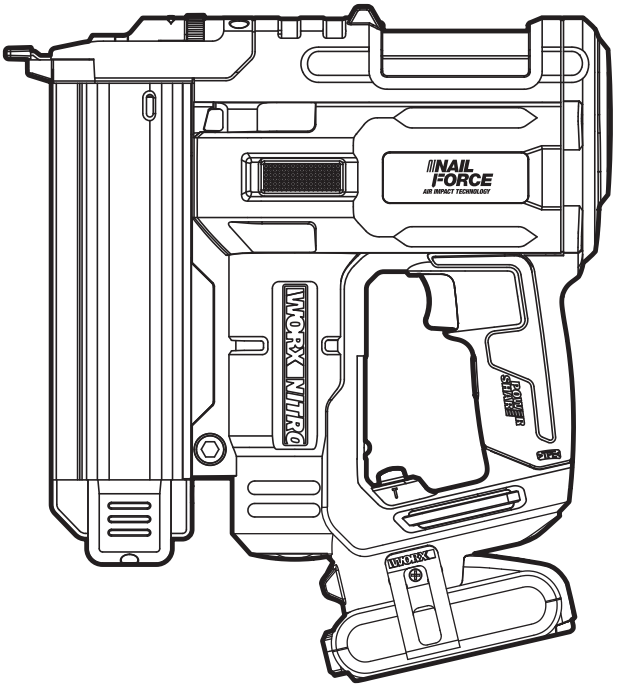
WORX NITRO



SAFETY AND OPERATING MANUAL

ORIGINAL INSTRUCTIONS

20V Cordless 18 gauge Nail/ Staple Gun

WX840 WX840.X

PRODUCT SAFETY GENERAL POWER TOOL SAFETY WARNINGS

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) **Battery tool use and care**

a) **Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.**

b) **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.

c) **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.

d) **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.

6) **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.

NAILER SAFETY WARNINGS

1. **Always assume that the tool contains fasteners.** Careless handling of the nailer can result in unexpected firing of fasteners and personal injury.
2. **Do not point the tool towards yourself or anyone nearby.** Unexpected triggering will discharge the fastener causing an injury.
3. **Do not actuate the tool unless the tool is placed firmly against the workpiece.** If the tool is not in contact with the workpiece, the fastener may be deflected away from your target.
4. **Disconnect the tool from the battery when the fastener jams in the tool.** While removing a jammed fastener, the nailer may be accidentally activated if it is plugged in.
5. **Use caution while removing a jammed fastener.** The mechanism may be under compression and the fastener may be forcefully discharged while attempting to free a jammed condition.
6. **Do not use this nailer for fastening electrical cables.** It is not designed for electric cable installation and may damage the insulation of electric cables thereby causing electric shock or fire hazards.

SAFETY WARNINGS FOR BATTERY PACK

a) **Do not dismantle, open or shred cells or battery pack.**

b) **Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by conductive materials.** When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.

c) **Do not expose battery pack to heat or fire. Avoid storage in direct sunlight.**

d) **Do not subject battery pack to mechanical shock.**

e) **In the event of battery leaking, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.**

f) **Keep battery pack clean and dry.**

g) **Wipe the battery pack terminals with a clean dry cloth if they become dirty.**

h) **Battery pack needs to be charged before use. Always refer to this instruction and use the correct charging procedure.**

i) **Do not maintain battery pack on charge when not in use.**

j) **After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.**

k) **Recharge only with the charger specified by Worx. Do not use any charger other than that specifically provided for use with the equipment.**

l) **Do not use any battery pack which is not designed for use with the equipment.**

m) **Keep battery pack out of the reach of children.**

n) **Retain the original product literature for future reference.**

o) **Remove the battery from the equipment when not in use.**

p) **Dispose of properly.**

q) **Do not mix cells of different manufacture, capacity, size or type within a device.**

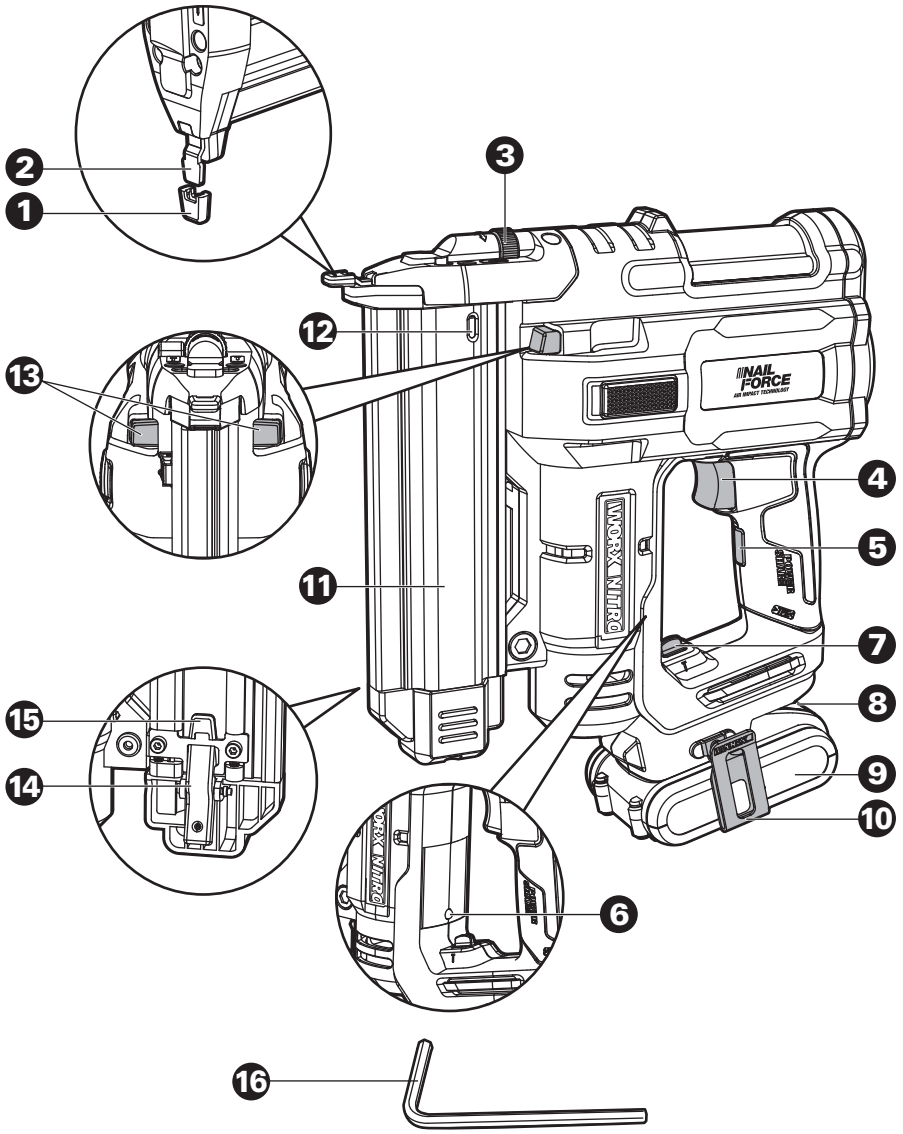
r) **Keep the battery away from microwaves and high pressure.**

SYMBOLS

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

	Warning
	Wear ear protection
	Wear eye protection
	Wear dust mask
	Make sure the battery is removed prior to changing accessories
	Wear protective gloves
	Do not burn
	Batteries may enter water cycle if disposed improperly, which can be hazardous for ecosystem. Do not dispose of waste batteries as unsorted municipal waste
	Li-Ion battery This product has been marked with a symbol relating to 'separate collection' for all battery packs and battery pack. It will then be recycled or dismantled in order to reduce the impact on the environment. Battery packs can be hazardous for the environment and for human health since they contain hazardous substances
	Waste electrical products must not be disposed of with household waste. Please recycle where facilities exist. Check with your local authorities or retailer for recycling advice

	RCM marking
	ABN: Australian Business Number. By this number, business information such as entity type, status, business location etc. can be found at website http://abr.business.gov.au. ABN of Positec Australia Pty Limited is 14 101 682 357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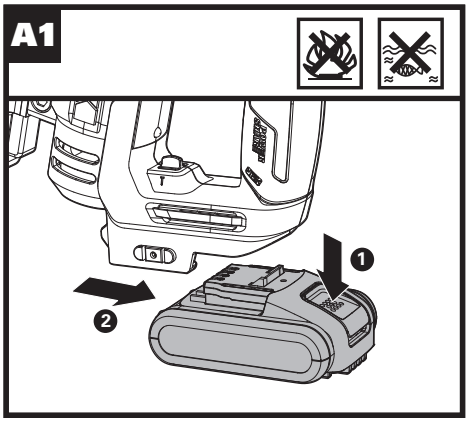
NAIL FORCE
AIR IMPACT TECHNOLOGY
WORX NITRO
POWER SHARE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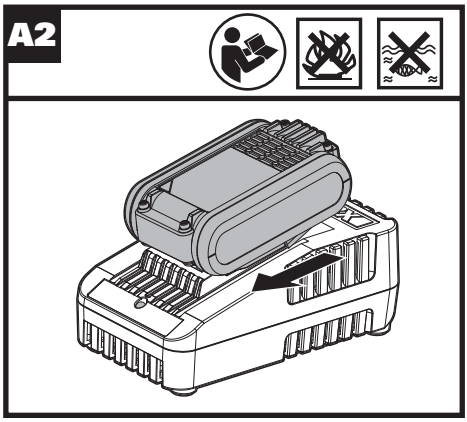
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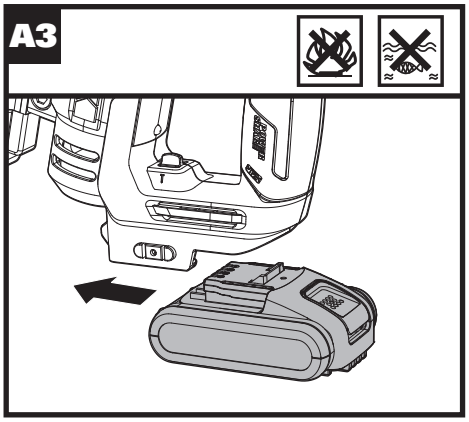
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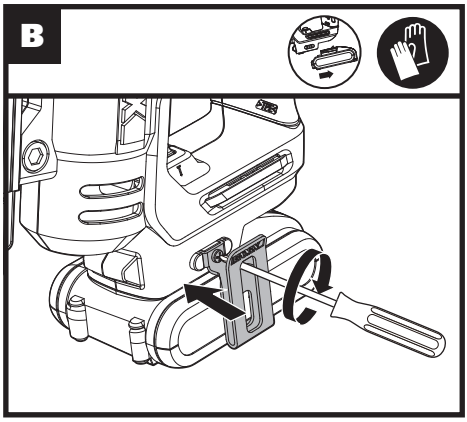
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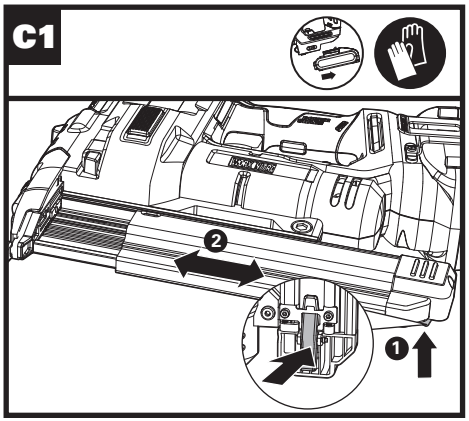
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2
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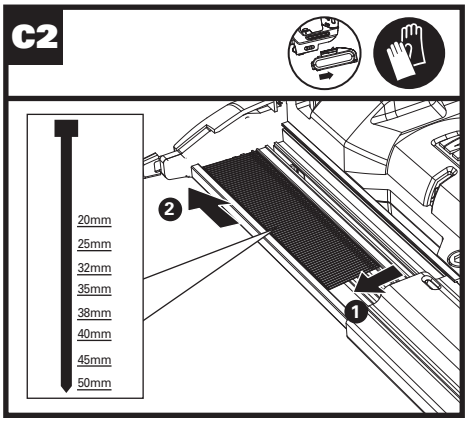
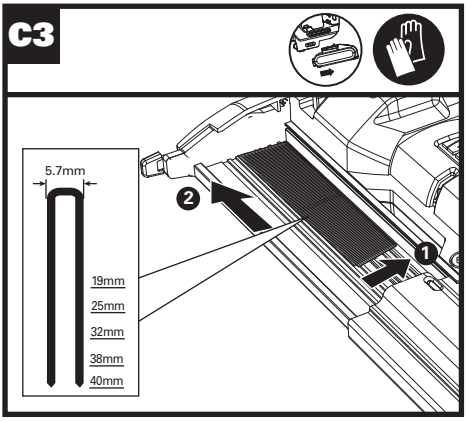

C2
20mm
25mm
32mm
35mm
38mm
40mm
45mm
50mm
2
1


C3
5.7mm
19mm
25mm
32mm
38mm
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2
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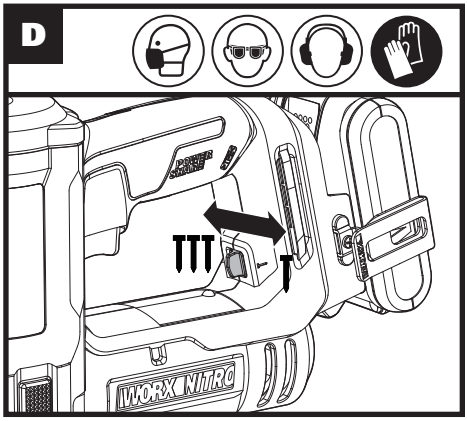
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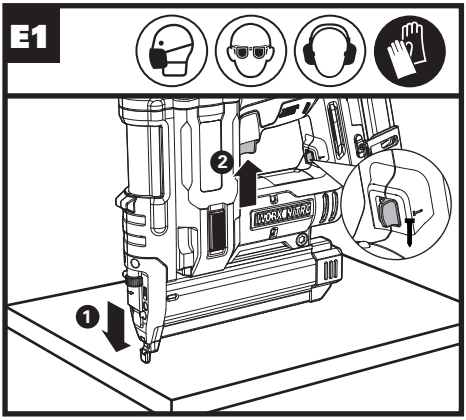
POWER SOURCE
WORX NITRO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2
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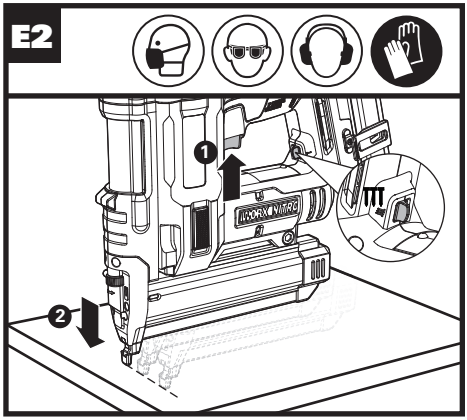
WORX NITRO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1
2
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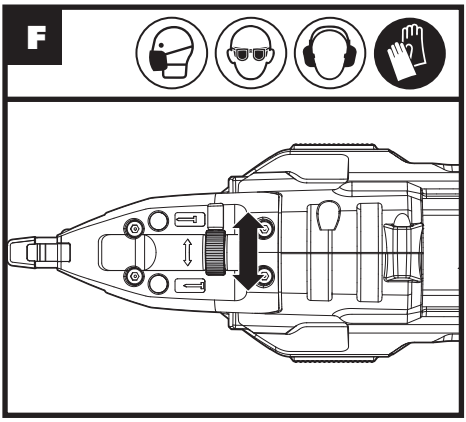
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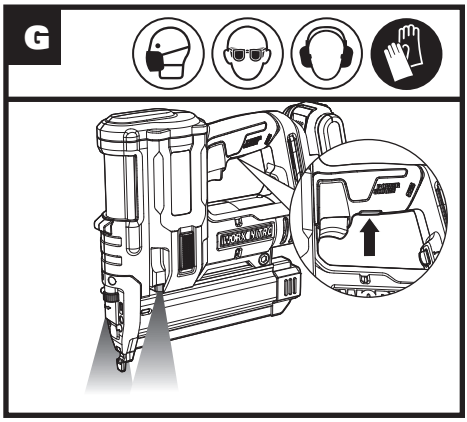
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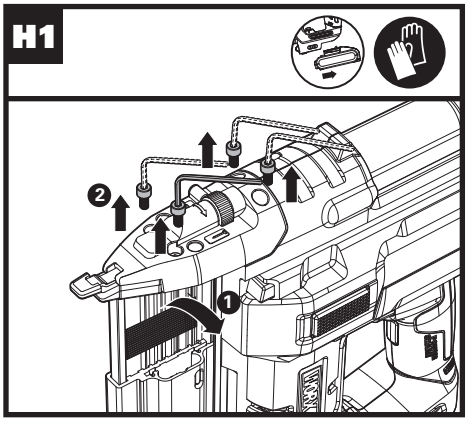
WORX NITRO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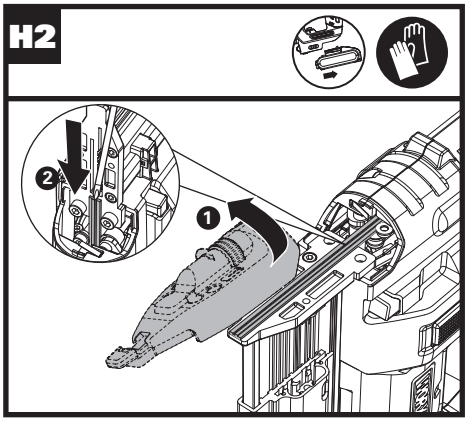
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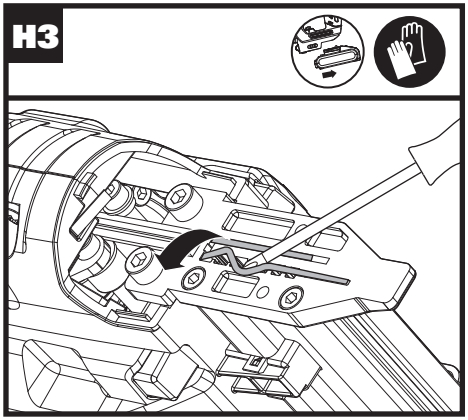
H3

COMPONENT LIST

1.	NO-MAR PAD
2.	WORKPIECE CONTACT
3.	DRIVE DEPTH ADJUSTMENT
4.	ON/OFF SWITCH
5.	LED WORKLIGHT SWITCH
6.	INDICATOR LIGHT
7.	MODE SELECTOR
8.	BATTERY PACK RELEASE BUTTON *
9.	BATTERY PACK *
10.	BELT HOOK
11.	SIDE-LOADING MAGAZINE
12.	LOW NAIL INDICATOR WINDOW
13.	LED WORKLIGHTS
14.	MAGAZINE RELEASE BUTTON
15.	SPARE NO-MAR PAD
16.	ALLEN KEY

*** Not all the accessories illustrated or described are included in standard delivery.**

TECHNICAL DATA

Type **WX840 WX840.X (840 - designation of machinery, representative of nail gun)**

		WX840 WX840.X **
Voltage		20 V ⎓ Max***
Magazine capacity		100 nails
Nailer speed		80 nails/min
Nail type		18 gauge
Nail length	Brad nail	20 mm - 50 mm
	Crown staple	19 mm - 40 mm
Machine weight (bare tool)		2.9 kg

Work with nails of other brands:
Brad nails: RAPID® – Type 8; NOVUS® – E Type J; PREBENA® – Type J
Crown staples: RAPID® – Type 90

** X=1-999, A-Z, M1-M9 there are only used for different customers, there are no safe relevant changes between these models.

*** Voltage measured without workload. Initial battery voltage reaches maximum of 20 volts. Nominal voltage is 18 volts.

SUGGESTED BATTERIES AND CHARGERS

Category	Type	Capacity
20V Battery	WA3550	1.5 Ah
	WA3550.1	1.5 Ah
	WA3551	2.0 Ah
	WA3551.1	2.0 Ah
	WA3553	4.0 Ah
20V Charger	WA3880	2.0 A

We recommend that you purchase your accessories listed in the above list from the same store that sold you the tool. Refer to the accessory packaging for further details. Store personnel can assist you and offer advice.

NOISE INFORMATION

A weighted sound pressure	L_{pA}: 77.5 dB(A)
A weighted sound power	L_{wA}: 88.5 dB(A)
K_{pA}&K_{wA}	3 dB(A)

Wear ear protection.

VIBRATION INFORMATION

Vibration total values (triax vector sum) determined according to EN 60745:

Vibration emission value:	a_h = 3.633 m/s^2
	Uncertainty K = 1.5 m/s²

The declared vibration total value may be used for comparing one tool with another, and 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 or drilled.
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 if any anti vibration accessories are used.
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: To be accurate, an estimation of exposure level in the actual conditions of use should also take account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle but not actually doing the job. This may significantly reduce the exposure level over the total working period.
Helping to minimise your vibration exposure risk.
ALWAYS use sharp chisels, drills and blades
Maintain this tool in accordance with these instructions and keep well lubricated (where appropriate)
If the tool is to be used regularly then invest in anti vibration accessories.
Plan your work schedule to spread any high vibration tool use across a number of days.

OPERATING INSTRUCTIONS

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

INTENDED USE
This tool is intended for nailing decoration of board line, skirting line and wooden frame, etc.

WARNING: Do not point the nail gun to people or animals. Always remove the nails and the battery pack when not using the tool.

ASSEMBLY AND OPERATION

ACTION	FIGURE
BEFORE OPERATION	
Removing the battery pack	See Fig. A1
Charging the battery pack	See Fig. A2
Installing the battery pack	See Fig. A3
ASSEMBLY	
Installing the belt hook **NOTE:** The belt hook can be installed on the left or right side of the nail gun.	See Fig. B
Loading the brad nails/crown staples **NOTE:** Keep pressing the magazine release button when opening or closing the magazine. **WARNING:** Keep the tool pointed away from yourself and others when loading nails. Failure to do so could result in possible serious personal injury.	See Fig. C1, C2, C3
OPERATION	
Selecting the nailing mode Single sequential actuation mode: Contact actuation mode: **WARNING:** The nail gun will not function properly if the selector is not securely seated in either position. Always assure the selector is seated properly to avoid an unexpected nail discharge and possible serious personal injury.	See Fig. D
Using the on/off switch in two different modes Keep pressing the on/off switch when moving the tool in the contact actuation mode as shown in Fig. E2. **NOTE:** The nail gun will be functioned only when pressing the switch and pushing the workpiece contact against the work surface at the same time. **WARNING:** Never wedge or hold back the workpiece contact mechanism during operation of the tool. Doing so could result in possible serious injury.	See Fig. E1, E2
Drive depth adjustment **NOTE:** Drive a test nail after each adjustment until the desired depth is set.	See Fig. F

LED worklight **NOTE:** The LED Worklights provide feedback to indicate whether the battery pack is charged sufficiently and/or if the tool is functioning properly.	See Fig. G
Removing a jammed nail Try to operate the tool for two more times to confirm the nail is jammed. **WARNING:** Always remove the battery pack first. • Remove the nail and keep the magazine open. • The nail jam can be freed by inserting a flat blade screwdriver into the tip of the driving mechanism and push it back. • Be sure the cover is closed and the screws are tighten before using the tool again.	See Fig. H1, H2, H3

MAINTENANCE

Remove the battery pack from the tool before carrying out any adjustment, servicing 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 and will not damage your power tool.

Positec Australia Pty Limited
10 Corporate Blvd Bayswater , VIC 3153, Australia

ENVIRONMENTAL PROTECTION

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

TROUBLESHOOTING

Symptom	Possible Causes	Possible Solution
Tool does not operate properly: green light flashing ☼ green light on ● red light flashing ☼ red light on ●	 Tool is overheat No nails Jammed nails Low battery	 Wait until the tool cools down Replenish nails Removing a jammed nail Recharge battery
Tool operates properly, but fasteners do not drive fully	Depth of drive isn't deep enough Nail is too long for wood hardness	Adjust depth of drive Use nail length that is appropriate for wood
Tool operates properly, but fasteners are driven too deep	Depth of drive is too deep	Adjust depth of drive
Tool jams frequently	Incorrect nails Damaged nails Loose magazine Dirty magazine	Verify that nails are the correct size Replace nails Tighten screws Clean magazine

DECLARATION OF CONFORMITY

We,
Positec Germany GmbH
Postfach 32 02 16, 50796 Cologne, Germany

On behalf of Positec declare that the product
Description **WorxNITRO Cordless Nail Gun**
Type **WX840 WX840.X (840 - designation of machinery, representative of nail gun)**
Function **Fastening various materials**

Complies with the following Directives:
2006/42/EC
2014/30/EU
2011/65/EU&(EU)2015/863

Standards conform to
EN 60745-1
EN 60745-2-16
EN 55014-1
EN 55014-2

The person authorized to compile the technical file,
Name Marcel Filz
Address Positec Germany GmbH
Postfach 32 02 16, 50796 Cologne, Germany

CE

2022/03/05
Allen Ding
Deputy Chief Engineer, Testing & Certification
Positec Technology (China) Co., Ltd
18, Dongwang Road, Suzhou Industrial
Park, Jiangsu 215123, P. R. China

DECLARATION OF CONFORMITY

We,
Positec (UK & Ireland) Ltd.
PO Box 6242, Newbury, RG14 9LT, UK

Declare that the product
Description **WorxNITRO Cordless Nail Gun**
Type **WX840 WX840.X (840 - designation of machinery, representative of nail gun)**
Function **Fastening various materials**

Complies with the following regulations:
Supply of Machinery (Safety) Regulations 2008
Electromagnetic Compatibility Regulations 2016
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations

Standards conform to
BS EN 60745-1, BS EN 60745-2-16,
BS EN 55014-1, BS EN 55014-2

The person authorized to compile the technical file,
Name Jim Kirkwood
Address Positec (UK & Ireland) Ltd.,
PO Box 6242, Newbury, RG14 9LT, UK

2022/03/05
Allen Ding
Deputy Chief Engineer, Testing & Certification
Positec Technology (China) Co., Ltd
18, Dongwang Road, Suzhou Industrial
Park, Jiangsu 215123, P. R. China

After-sales Service and Application

At www.worx.com you can order spare parts or arrange the collection of a product in need of servicing or repair.
Tel. Service: 0345 202 9679
E-Mail: customerservices@worxtools.com

www.worx.com

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