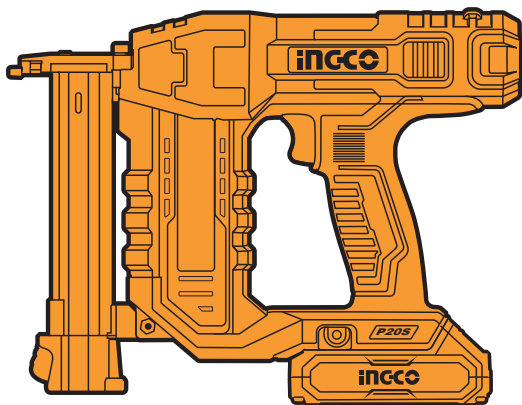


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PRODUCT MANUAL

CORDLESS BRICK NAILER



CSTLI3805 CSTLI3808 UCSTLI3808
CSTLI3808xy UCSTLI3808xy
x(blank,1,2,3,4,5,6, 7,8,9,E,S,A,M)
y(blank,-1,-2,-3,-4,-5,-6,-7,-8,-9,E,S,A,M)



SCAN FOR VIDEO

GENERAL POWER TOOL SAFETY WARNINGS** WARNING**

Read all safety warnings, instructions, illustrations and specifications provided with this power tool. *Failure to follow all instructions listed below 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 a 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 and clothing 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.**
- h) **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.**

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 remove the battery pack, if detachable, 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 and accessories. 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.*
- h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.** *Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*

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.*

- e) **Do not use a battery pack or tool that is damaged or modified.** *Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.*
- f) **Do not expose a battery pack or tool to fire or excessive temperature.** *Exposure to fire or temperature above 130 °C may cause explosion.*
- g) **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** *Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.*

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.*
- b) **Never service damaged battery packs.** *Service of battery packs should only be performed by the manufacturer or authorized service providers*

BATTERY TOOL SAFETY WARNINGS

Save these instructions.

⚠ CAUTION

Only use genuine original batteries. *Use of non-genuine batteries, or batteries that have been altered, may result in the battery bursting causing fires, personal injury, and damage. It will also void the warranty for the tool and charged and dark areas invite accidents.*

⚠ WARNING

- a) **Do not dismantle, open or shred secondary cells or batteries.**
- b) **Keep batteries out of the reach of children.** *Battery usage by children should be supervised. Especially keep small batteries out of reach of small children.*
- c) **Seek medical advice immediately if a cell or a battery has been swallowed.**
- d) **Do not expose cells or batteries to heat or fire.** *Avoid storage in direct sunlight.*
- e) **Do not short-circuit a cell or a battery.** *Do not store cells or batteries haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by other metal objects.*
- f) **Do not remove a cell or battery from its original packaging until required for use.**
- g) **Do not subject cells or batteries to mechanical shock.**
- h) **In the event of a cell leaking, do not allow the liquid to come in contact with the skin or eyes.** *If contact has been made, wash the affected area with copious amounts of water and seek medical advice.*
- i) **Do not use any charger other than that specifically provided for use with the equipment.**
- j) **Observe the plus (+) and minus (-) marks on the cell, battery and equipment and ensure correct use.**
- k) **Do not use any cell or battery which is not designed for use with the equipment.**
- l) **Do not mix cells of different manufacture, capacity, size or type within a device.**
- m) **Always purchase the battery recommended by the device manufacturer for the equipment.**
- n) **Keep cells and batteries clean and dry.**

- o) Wipe the cell or battery terminals with a clean dry cloth if they become dirty.
- p) Secondary cells and batteries need to be charged before use. *Always use the correct charger and refer to the manufacturer's instructions or equipment manual for proper charging instructions.*
- q) Do not leave a battery on prolonged charge when not in use.
- r) After extended periods of storage, it may be necessary to charge and discharge the cells or batteries times to obtain maximum performance.
- s) Retain the original product literature for future reference.
- t) Use the cell or battery only in the application for which it was intended.
- u) When possible, remove the battery from the equipment when not in use.
- v) Dispose of properly.

Tips for maintaining maximum battery life

- a) Charge the battery cartridge before completely discharged. *Always stop tool operation and charge the battery cartridge when you notice less tool power.*
- b) Never recharge a fully charged battery cartridge. *Overcharging shortens the battery service life.*
- c) Charge the battery cartridge with room temperature at 10°C-40°C (50°F-104°F). *Let a hot battery cartridge cool down before charging it.*
- d) Charge the battery cartridge if you do not use it for a long period (more than six months).

Important safety instructions for battery cartridge

1. Before using battery cartridge, read all instructions and cautionary markings on battery charger, battery, and) product using battery.
2. Do not disassemble battery cartridge.
3. If operating time has become excessively shorter, stop operating immediately. *It may result in a risk of overheating, possible burns and even an explosion.*
4. If electrolyte gets into your eyes, rinse them out with clear water and seek medical attention right away. *It may result in loss of your eyesight.*
5. Do not short the battery cartridge:
 - a) *Do not touch the terminals with any conductive material.*

- b) *Avoid storing battery cartridge in a container with other metal objects such as nails, coins, etc.*
- c) *Do not expose battery cartridge to water or rain.*
- d) *A battery short can cause a large current flow, overheating, possible burns and even a breakdown.*
- 6. Do not store the tool and battery cartridge in locations where the temperature may reach or exceed 50°C (122°F).**
 - 7. Do not incinerate the battery cartridge even if it is severely damaged or is completely worn out. *The battery cartridge can explode in a fire.***
 - 8. Be careful not to drop or strike battery.**
 - 9. Do not use a damaged battery.**
 - 10. Follow your local regulations relating to disposal of battery.**

Tool / battery protection system

The tool is equipped with a tool/battery protection system. This system automatically cuts off power to the motor to extend tool and battery life. The tool will automatically stop during operation if the tool or battery is placed under one of the following conditions:

Overload protection

When the battery is operated in a manner that causes it to draw an abnormally high current, the tool automatically stops without any indication. In this situation, turn the tool off and stop the application that caused the tool to become overloaded. Then turn the tool on to restart.

Overheat protection

When the tool/battery is overheated, the tool stops automatically. In this situation, let the tool/battery cool before turning the tool on again.

Transportation

Batteries comply with all applicable shipping regulations as prescribed by industry and legal standards (for more information, check with the manufacturer).

Transporting batteries can possibly cause fire if the battery terminals inadvertently come in contact with conductive materials. When transporting batteries, make sure that the battery terminals are protected and well insulated from materials that could contact them and cause a short circuit.

The information provided in this section of the manual is provided in good faith and

believed to be accurate at the time the document was created. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with the applicable regulations.

Protecting the environment

Separate collection. This product must not be disposed of with normal household waste.

Should you find one day that your product needs replacement, or if it is of no further use to you, do not dispose of it with household waste. Make this product available for separate collection.

Separate collection of used products and packaging allows materials to be recycled and used again. Re-use of recycled materials helps prevent environmental pollution and reduces the demand for raw materials.











Local regulations may provide for separate collection of electrical products from the household, at municipal waste sites or by the retailer when you purchase a new product.

Rechargeable battery pack

This long-life battery pack must be recharged when it fails to produce sufficient power on jobs which were easily done before. At the end of its technical life, discard it with due care for our environment:

- *Run the battery pack down completely, then remove it from the tool.*
- *Lithium-ion cells are recyclable. Take them to your dealer or a local recycling station. The collected battery packs will be recycled or disposed of properly.*

THE SYMBOLS IN INSTRUCTION MANUAL

	<p>Double insulated for additional protection</p>
	<p>Read the instruction manual before using.</p>
	<p>CE conformity.</p>
	<p>Safety alert. Please only use the accessories supported by the manufacturer.</p>
	<p>Wear safety glasses, hearing protection and dust mask.</p>
	<p>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.</p>
	<p>Charging the battery only below 40°C</p>
	<p>Always recycle batteries.</p>
	<p>Do not destroy battery by fire.</p>
	<p>Do not expose battery to water</p>

ADDITIONAL SAFETY WARNING

NAILER SAFETY WARNINGS

- *Always assume that the tool contains nails. Careless handling of the nailer can result in unexpected firing of nails and personal injury.*
- *Do not point the tool towards yourself or anyone nearby. Unexpected triggering will discharge the nail causing an injury.*
- *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 nail may be deflected away from your target.*
- *Disconnect the tool from battery when the fastener jams in the tool. While removing a jammed fastener, the tacker may be accidentally activated if it is connected to battery.*
- *Use caution while removing a jammed nail. The mechanism may be under compression and the nail may be forcefully discharged while attempting to free a jammed condition.*
- *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.*
- *Hold power tool by insulated gripping surfaces, when performing an operation where the nail may contact hidden wiring. Nails contacting a “live” wire may make exposed metal parts of the power tool “live” and could give the operator an electric shock.*
- *Know your power tool. Read operator’s manual carefully. Learn its applications and limitations, as well as the specific potential hazards related to this power tool. Following this rule will reduce the risk of electric shock, fire, or serious injury.*
- *Always wear suitable eye protection. Everyday glasses have only impact resistant lenses. They are not safety glasses. Following this rule will reduce the risk of serious personal injury.*
- *Eye protection provides protection against flying particles both from the FRONT and SIDE should ALWAYS be worn by the operator and others in the work area when loading, operating or servicing this tool. Eye protection is required to guard against flying fasteners and debris, which could cause severe eye injury.*
- *The employer and/or user must ensure that proper eye protection is worn. We recommend Wide Vision Safety Mask for use over eyeglasses or standard*

safety glasses that provide protection against flying particles both from the front and side.

- Additional safety protection will be required in some environments. For example, the working area may include exposure to noise level which can lead to hearing damage. The employer and user must ensure that any necessary hearing protection is provided and used by the operator and others in the work area. Some environments will require the use of head protection equipment. When required, the employer and user must ensure that head protection conforming to ANSI Z89.1- 1997 is used.*
- Keep fingers away from trigger when not driving fasteners to avoid accidental firing.*
- Use safety equipment. Always wear eye protection. Dust mask, nonskid safety shoes, hard hat, or hearing protection must be used for appropriate conditions.*
- Protect your lungs. Wear a face or dust mask if the operation is dusty. Following this rule will reduce the risk of serious personal injury.*
- Protect your hearing. Wear hearing protection during extended periods of operation. Following this rule will reduce the risk of serious personal injury.*
- Battery tools do not have to be connected to battery; therefore, they are always in operating condition. Be aware of possible hazards when not using your battery tool or when changing accessories. Following this rule will reduce the risk of electric shock, fire, or serious personal injury.*
- Do not place battery tools or their batteries near fire or heat. This will reduce the risk of explosion and possibly injury.*
- Use the tool only for its intended use. Do not discharge fasteners into open air.*
- Use the tool only for the purpose for which it was designed.*
- Use only the nails recommended for this tool. Use of the wrong nails could result in poor nail feeding, jammed nails, and nails leaving the tool at erratic angles. If nails are not feeding smoothly and properly, discontinue their use immediately. Jammed and improperly feeding nails could result in serious personal injury.*
- Never use this tool in a manner that could cause a nail to be directed toward anything other than the workpiece.*
- Do not use the tool as a hammer.*
- Always carry the tool by the handle.*
- Do not alter or modify this tool from the original design or function without*

approval from the.

- *Always be aware that misuse and improper handling of this tool can cause injury to yourself and others.*
- *Never clamp or tape the trigger or workpiece contact in an actuated position.*
- *Never leave tool unattended if the battery is installed.*
- *Do not operate this tool if it does not contain a legible warning label.*
- *Keep the tool and its handle dry, clean and free from oil and grease. Always use a clean cloth when cleaning. Never use brake fluids, gasoline, petroleum-based products, or any strong solvents to clean your tool. Following this rule will reduce the risk of loss of control and deterioration of the enclosure plastic.*

RESIDUAL RISKS

Even when the power tool is used as prescribed it is not possible to eliminate all residual risk factors. The following hazards may arise in connection with the power tool's construction and design:

- a) Health defects resulting from vibration emission if the power tool is being used over longer period of time or not adequately managed and properly maintained.
- b) Injuries and damage to property to due to broken accessories that are suddenly dashed.

⚠ WARNING

This power tool produces an electromagnetic field during operation. This field may under some circumstances interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their physician and the medical.

INTENDED USE

You may use this tool for the purposes listed below:

Finish and trim (Interior and exterior), door & window casing, door jambs, baseboard, crown molding, cabinetry, cap and shoe molding, molding, staircases, door and window trim, chair rail, brick mold, hardwood flooring, paneling, furniture

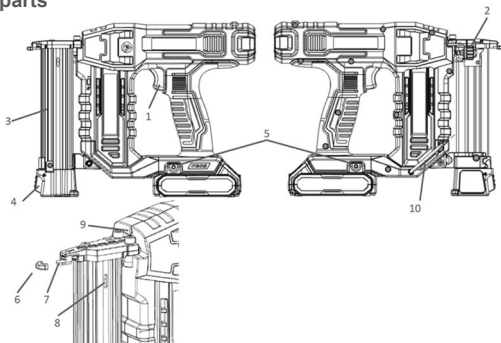
SPECIFICATIONSE

⚠ NOTE

The information contained in this Manual is designed to assist you in the safe operation of the Nailer.

Some illustrations in this Manual may show details or attachments that differ from those on your own Nailer.

Name of parts



1 - Trigger switch

2 - Depth adjustment wheel

3 - Side-loading magazine

4 - Magazine release button

5 - Belt hole

6 - No-mar pad

7 - Workpiece contact switch

8 - sight windows for remaining nails

9 - LED work light

10 - Hex wrench

Model No.	CSTLI3805 CSTLI3808 UCSTLI3808 CSTLI3808xy UCSTLI3808xy
Motor	20V DC Brushed
Applicable nail size	ST18
Application nail length	18mm (3/4")
Nail loading capacity (nails)	65
Cycle rate	2 nails/second
Weight (without battery)	1.68 kg
Dimension (Length x Height x Width)	301x230x75mm (11-7/8" x 9" x 3")

Model No. Note: x (blank, 1,2,3,4,5,6,7,8,9,E,S,A,M); y (blank, -1,-2,-3,-4,-5,-6,-7,-8,-9,E,S,A,M)

⚠ WARNING

Only use original battery pack and battery charger as below for this power tool:

Product	Battery pack		
Model No.	Type	Rated voltage	Rated capacity
FBLI2001 FBLI2001xy	Lithium-Ion	18.5V d.c., 20V Max	2.0Ah
FBLI2002 FBLI2002xy			4.0Ah
FBLI2003 FBLI2003xy			5.0Ah

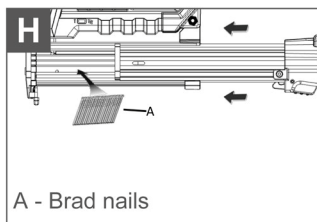
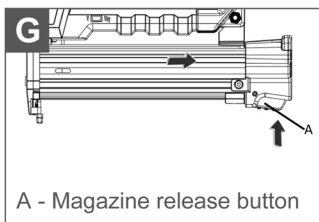
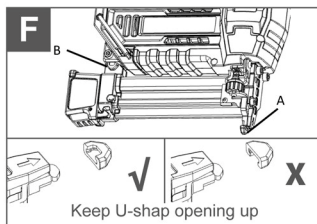
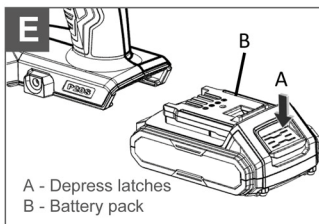
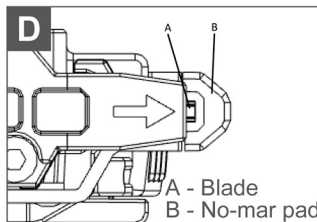
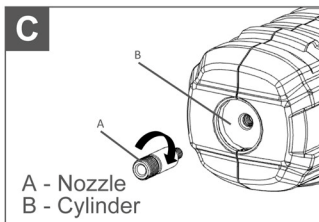
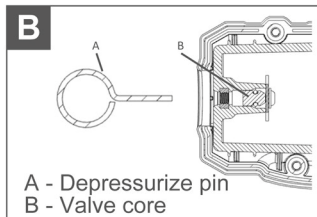
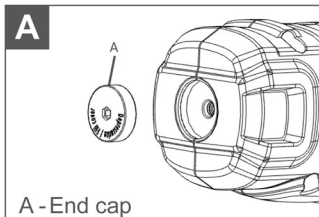
Model No. NOTE: x (blank, 1,2,3,4,5,6,7,8,9,E,S,A,M); y (blank, -1,-2,-3,-4,-5,-6,-7,-8,-9,E,S,A,M)

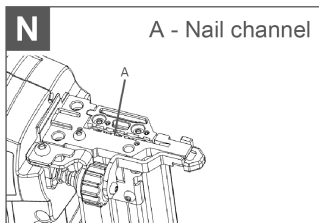
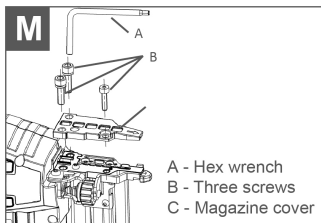
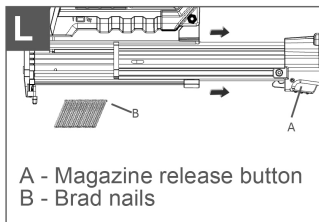
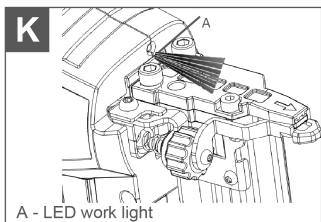
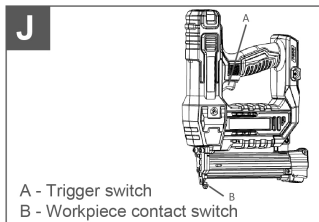
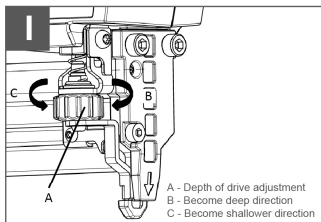
Product	Battery pack charger			
Model No.	Input power	Input voltage	Output rated voltage	Output rated current
FCLI2001 FCLI2001xy	50W	220-240V ~50/60Hz	20V d.c.	2A

UFCLI2001 UFCLI2001xy		110-120V ~50/60Hz		
FCLI20411 FCLI20411xy FCLI2034 FCLI2034xy	105W	220-240V ~50/60Hz	21V d.c.	4A
UFCLI20411 UFCLI20411xy UFCLI2034 UFCLI2034xy		110-120V ~50/60Hz		

Model No. NOTE: x (blank, 1,2,3,4,5,6,7,8,9,E,S,A,M); y (blank, -1,-2,-3,-4,-5,-6,-7,-8,-9,E,S,A,M)

OPERATION PICTURE





OPERATION

- Do not use tool if trigger does not actuate properly. Any tool that cannot be controlled with the trigger is dangerous and must be repaired.
- Check operation of the workpiece contact mechanism frequently. Do not use the tool if the workpiece contact mechanism is not working correctly as accidental driving of a nail may result. Do not interfere with the proper operation of the workpiece contact mechanism.
- Do not use a tool that does not work correctly.
- Always assume that the tool contains nails.
- Do not carry the tool from place to place holding the trigger. Accidental discharge could result.
- Always handle the tool with care: • Respect the tool as a working implement.
- Never engage in horseplay.
- Never pull the trigger unless nose is directed toward the work.
- Keep others a safe distance from the tool while tool is in operation as accidental actuation may occur, possibly causing injury.
- Choice of triggering method is important. Check manual for triggering options.
- The brad nailer is designed for single-hand use. Do not hold the tool by the front of the magazine. Do not put hands, head, or other parts of your body near the bottom of the magazine where the nail exits the tool, as serious personal injury could result.
- Do not point the tool toward yourself or anyone whether it contains nails or not.
- Do not actuate the tool unless you intend to drive a nail into the workpiece.
- Always ensure that the workpiece contact is fully positioned above the workpiece. Positioning the workpiece contact only partially above the workpiece could cause the nail to miss the workpiece completely and result in serious personal injury.
- Do not drive nails near edge of material. The workpiece may split causing the nail to ricochet, injuring you or a co-worker. Be aware that the nail may follow the grain of the wood, causing it to protrude unexpectedly from the side of the work material or deflect, possibly causing injury.
- Keep hands and body parts clear of immediate work area. Hold workpiece with clamps when necessary to keep hands and body out of potential harm. Be sure the workpiece is properly secured before pressing the fastener against the material. The workpiece contact may cause the work material to shift

unexpectedly. Keep face and body parts away from back of the tool cap when working in restricted areas. Sudden recoil can result in impact to the body, especially when nailing into hard or dense material.

- During normal use the tool will recoil immediately after driving a fastener. This is a normal function of the tool. Do not attempt to prevent the recoil by holding the nailer against the work. Restriction to the recoil can result in a second fastener being driven from the nailer. Grip the handle firmly, let the tool do the work and do not place second hand on top of tool or near exhaust at any time. Failure to heed this warning can result in serious personal injury.
- Do not drive fasteners on top of other fasteners or with the tool at an overly steep angle as this may cause deflection of fasteners which could cause injury.

Loading tool

- Do not load the tool with fasteners when any one of the operating controls is activated.
- When loading tool.
- Never place a hand or any part of body in fastener discharge area of tool.
- Never point tool at anyone.
- Do not pull the trigger or depress the workpiece contact as accidental actuation may occur, possibly causing injury.

Save these instructions

- Refer to them frequently and use them to instruct others who may use this tool. If you loan someone this tool, loan them these instructions also.

Glossary

Activate (operating controls)

To move an operating control so that it is in a position that allows the tool to be actuated or that satisfies one requirement for the tool to be actuated.

Actuate (tool)

To cause movement of the tool component(s) intended to drive a fastener.

Actuation system

The use of a trigger, workpiece contact, and/or other operating control, separately or in some combination or sequence, to actuate the tool.

- Fully sequential actuation

The operation of the two switches has a sequence. The workpiece contact switch must be pressed first, then presses the trigger switch. To perform the next nailing, first release the workpiece contact switch, and then press workpiece contact switch and trigger switch in sequence.

- Contact actuation

There is no order requirement for starting workpiece contact switch and trigger switch. To perform the next nailing, the workpiece contact switch must be released, and the trigger switch can be squeezed and held all the time.

Fastener

A staple, pin, brad, nail, or other fastening device which is designed and manufactured for use in the tools within the scope of this standard.

Jam

An obstruction in the feed or drive areas of the tool.

Operating control

A control that separately, or as part of an actuation system, can cause the actuation of a tool.

Trigger

A tool operating control activated by a tool operator's fingers.

Workpiece

The intended object into which a fastener is to be driven by a tool.

Workpiece contact

An operating control element or assembly on the tool intended to be activated by the material to be fastened.

Assembly** WARNING**

Do not use this product if it is not completely assembled or if any parts appear to be missing or damaged. Use of a product that is not properly and completely assembled or with damaged or missing parts could result in serious personal injury.

⚠ WARNING

Do not attempt to modify this product or create accessories or attachments not recommended for use with this product. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.

Operation

⚠ WARNING

Do not allow familiarity with products to make you careless. Remember that a careless fraction of a second is sufficient to inflict severe injury.

⚠ WARNING

Always remove battery pack from the tool when you are assembling parts, making adjustments, cleaning, or when not in use. Removing battery pack will prevent accidental starting that could cause serious personal injury.

Deflate / inflate cylinder

(See Figures A-D)

Deflate cylinder:

Remove the end cap with screwdriver.

Use the depressurize pin to push the valve core, and then the gas can be discharged.

Fill gas:

Screw in the nozzle to cylinder, then use inflator or pump to connect with nozzle and charged gas into the cylinder. Check the blade during pumping, fill to max. 26PSI if the blade is pushed out and can be seen at front, or fill max. 65PSI.

⚠ WARNING

Ensure there is no brad nails in magazine before filling gas, or can cause injure to user.

Too high pressure inside of cylinder will easy to damage the nailer, or reduce the life of the nailer.

To install / remove battery pack

(See Figure E)

To install battery pack:

Place battery pack in the tool. Align raised rib inside tool with groove on battery pack.

Make sure the latches on back side of the battery pack snap into place and battery pack is secured in tool before beginning operation. NOTE: Squeeze trigger switch to reactivate nailer.

To remove battery pack:

Locate latches on battery pack and depress to release battery pack from the tool.

For complete charging instructions, see the operator's manuals for your battery pack and charger.

No-mar pad

(See Figure F)

The no-mar pad attached to the nose of the tool helps prevent marring and denting when working with softer woods. Remove the battery.

Remove the pad by pulling it down and away from the nose. To replace the pad, fit it into place over the nose and push up to reset.

On-board storage for the pad is located near the magazine of the tool. An extra no-mar pad is provided in the on-board storage area.

Note: Keep U-shape opening up when replace the pad.

Loading the tool with brad nails

(See Figures G-H)

WARNING

Keep the tool pointed away from yourself and others when loading nails. Failure to do so could result in possible serious personal injury.

Remove battery pack from the tool, if installed.

With the nose of the tool pointed away from you, squeeze magazine release button located at the rear of the magazine and slide the magazine cover open.

Place brad nails in the channel with nail tips pointing down and resting on bottom of the channel.

Push the magazine cover closed until it securely snaps into place.

Make sure that the magazine is securely locked in place.

Reinstall battery

Depth of drive adjustment

(See Figure I)

WARNING

Always make sure that your fingers are not placed on the switch trigger or the workpiece contact and the battery cartridge is removed before adjusting the depth of nailing.

Depth of nailing can be adjusted on this nailer. To adjust the depth of nailing, turn the depth adjustment wheel. The depth of nailing is the deepest when the wheel is turned fully in the B direction shown in the figure. It will become shallower as the wheel is turned in the C direction. Depth can be adjusted 3 mm to the maximum.

Driving brad nails

(See Figure J)

WARNING

Never wedge or hold back the workpiece contact mechanism during operation of the tool. Doing so could result in possible serious injury.

Fully sequential actuation mode:

Fully sequential actuation provides the most accurate nail placement.

Remove battery pack from the tool.

Reinstall the battery.

Grip the tool firmly to maintain control.

Squeeze and hold the trigger. Push the tool against the work surface to depress the workpiece contact and drive a nail.

NOTE: Hold trigger until drive cycle is completed.

Always remove your finger from the trigger when the desired number of nails has been driven.

NOTE: In Contact Actuation Mode, the tool may also be operated by depressing the workpiece contact against the surface and squeezing the trigger switch.

Dry-fire lockout

When the magazine has 3-5 nails remaining, the dry-fire lockout feature will not allow continued operation. To resume operation, reload the tool with nails.

Led work light

(See Figure K)

LED work light is on under below condition.

Insert a battery to nailer.

Squeeze the trigger switch when the battery is connected to tool.

Note: LED will keep 100% intensity at the first one minute, and then keeps about

50% intensity for 10 minutes before off. When LED is at 50% intensity, it can turn to 100% intensity by squeezing trigger switch or depress the workpiece contact.

Diagnostic feedback

The LED Work lights provide feedback to indicate whether the battery pack is charged sufficiently and/or if the tool is functioning properly. If work lights are flashing, install fully charged battery. If light continue to flash, see Troubleshooting section for more information.

Removing nails from the tool

(See Figure L)

⚠ WARNING

Remove the battery pack before removing nails or clearing a jammed nail. Failure to do so could result in serious personal injury.

Remove battery pack from the tool.

To remove a strip of nails from the tool, depress the magazine release button located at the rear of the magazine and slide the magazine open.

Remove nails.

Close the magazine.

Removing a jammed brad nail

(See Figure M)

Remove battery pack from the tool.

Open magazine and remove nails from the tool.

Remove three screws with HEX wrench, and remove magazine cover. Take the jammed nails from the nail guide groove with a slotted screwdriver.

Install the magazine cover with HEX wrench.

⚠ NOTE

Driving too deeply into the material, excess debris, or jammed nails may lead to a driver blade being stuck at its bottom position.

The driver blade can usually be returned to its operating position by depressing the work contact element against a scrap piece of wood and squeezing the trigger.

If the tool cycles without driving a nail, the nail channel may be dirty. See **Cleaning the Nail Channel in the Maintenance section of this manual.**

MAINTENANCE&MALFUNCTIONS

⚠ WARNING

When servicing, use only identical replacement parts. Use of any other parts could create a hazard or cause product damage.

General maintenance

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean clothes to remove dirt, dust, oil, grease, etc.

Cleaning the nail channel

(See Figure N)

If the tool will not drive a nail, or cycles without driving a nail, glue residue from the nail strip may need to be cleaned from the area around the driving mechanism.

Remove the battery pack.

Remove nails from the tool.

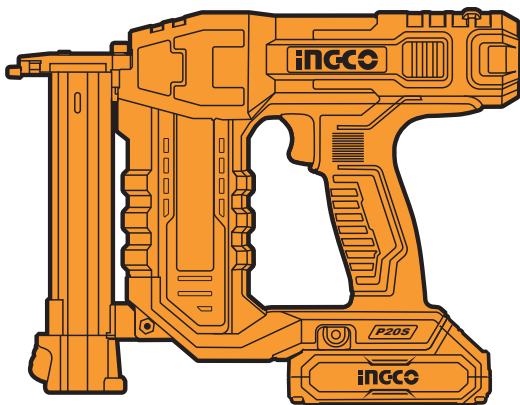
Unscrew the magazine cover with HEX wrench.

Use a small amount of air tool oil on a clean cloth or cotton swab to wipe down the nail channel, removing all traces of glue.

Fasten the magazine cover with HEX wrench.

Trouble shooting

Problems	Possible causes	Solution
Squeeze the trigger but can't drive brad nails, and LED light continue to flash 4 times.	Battery capacity is not enough	Change a fully charged battery
Tool operates properly, but fasteners do not drive fully	Depth of drive isn't deep enough.	Tool operates properly, but fasteners do not drive fully
Tool operates properly, but fasteners are driven too deep	Depth of drive is too deep.	Tool operates properly, but fasteners are driven too deep
Tool operates properly, but can't fire the tool	only remained 3 ~ 5 nails inside magazine, the workpiece contact element can't be pressed down due to dry fire lockout function is working	Install more nails to magazine
Tool jams frequently	Incorrect nails Damaged nails Loose magazine Dirty magazine	Verify that nails are the correct size. Replace nails with good one. Tighten screws. Clean magazine
Squeeze the trigger but can't drive brad nails, and LED light continue to flash 5 times or 9 times	The tool/battery is overheated	Let the tool/battery cool before turning the tool on again.
Squeeze the trigger but can't drive brad nails, and LED light continue to flash 6 times.	The tool/battery is operated in a manner that causes it to draw an abnormally high current	Use the depressurize pin to deflate the cylinder and try to drive, and contact service center if it doesn't work.



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