

# 4.00mm CORDLESS POST STAPLER OWNER'S MANUAL

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Improper and unsafe use of this tool will result in death or serious injury. It is very important that the intended operator of this tool reads and understands this manual before operating this tool. Keep this manual available for others before they use the tool.

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## ► Product Overview



- 1.** Fuel Cell Door
- 2.** Battery
- 3.** LED Indicator
- 4.** Belt Hook

- 5.** Magazine
- 6.** Staple Pusher
- 7.** Depth of Drive Adjustment

# ► General Warning



GENERAL WARNING

GENERAL WARNING

## General Safety Warning

- 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 injuries.
- Maintain tools with care. Refer to the tool maintenance instruction for detailed information on the proper maintenance of the tool.
- This tool is not designed to be used in an explosive atmosphere. The design of this tool will generate a spark and the exhaust will also cause possible danger by igniting highly flammable fuel or gas. Do not smoke while using or handling the tool and fuel cell.
- Inspect tool before operating to:
  - Determine that the tool is in proper working order.
  - Check for misalignment, binding of moving parts, or any other condition that may affect tool's operation.
- The fuel cell is a high-pressure liquefied gas cell. Keep it away from sparks, fire, high temperature and explosive environments. Do not puncture the bottle or attempt to open the fuel cell. Do not incinerate the empty cell. Follow the recycling instruction on the cell.
- Do not store the tool in temperature above 50°C (120°F). High temperature can result in an explosion or fire and will release flammable gas. When not in use, keep the tools away from any high temperature source or direct sun light.
- The tool must be used in well ventilated areas. Do not inhale the exhaust fumes or the gas as they are dangerous to the human body.
- Keep balanced when operating the tool. Do not overreach.
- Keep the tool, fuel, charger and battery out of reach of children. The tool is dangerous in untrained hands.
- When the tool is not in use, place it horizontally on the floor. When the tool is placed, avoid the safety being squeezed.
- Always check the tool before use for broken, misconnected or worn parts.
- Do not use the tool if it has been damaged.
- Only technically skilled operators should use the tool.
- Do not discard the owner's manual.
- Be careful when handling fasteners, especially when loading and unloading, as the fasteners have sharp points which could cause injury.
- Only wear gloves that provide adequate feel and safe control of triggers and any adjusting devices.

This tool is recommended **NOT TO BE** used in wet conditions.  
As it may damage components of the tool and void the warranty.

## Tool Handling

- Only persons who have read and understood the tool operating/safety instruction should operate the tool.
- Always assume that the tool contains fasteners.
- Do not point the tool toward yourself or anyone, whether it contains fasteners or not.
- Keep bystanders and children away while operating tool.
- Do not actuate tool unless tool is placed firmly against the workpiece.
- Stay alert, focus on your work and use common sense when using the tools.
- Do not use the tool while tired, after having consumed drugs or alcohol, or while under the influence of medication.
- Do not overreach. Keep proper footing and balance at all times.
- Do not hold or carry the tool with a finger on the trigger.
- Drive fasteners into proper work surface only.
- Do not drive fasteners into other fasteners.
- After driving a fastener, the tool may spring back (recoil), causing it to move away from the work surface. To reduce risk of injury, manage recoil by:
  - Always maintaining control of tool.
  - Allowing recoil to move tool away from the work surface.
  - Not resisting recoil in such a way that the tool will be forced back into the work surface.
  - Keeping face and body parts away from tool.
- When working close to an edge of a workpiece or at steep angles, use care to minimize chipping, splitting or splintering, or free flight or ricochet of fasteners, which may cause injury.
- Keep hands and body away from fastener discharge area of tool.
- Do not load tool with fasteners when any one of the operating controls is activated.
- Do not operate tool with any power source other than that specified in tool operating/safety instructions.
- Do not operate tool with any operating pressure other than that specified in tool operating/safety instructions.
- Always select an actuation system that is appropriate to the fastener application and the training of the operator.
- Use extra caution when driving fasteners into existing walls or other blind areas to prevent contact with hidden persons or objects on other side (e.g. wires, pipes)
- Remove the fuel cell and battery when:
  - Not in use
  - Performing any maintenance or repairs
  - Clearing a jam
  - Elevating, lowering or otherwise moving the tools to a new location
  - Tool is outside of the operator's supervision or control
  - Removing fasteners from the magazine

## Tool Safety Warning

- The tool should not be modified in any way.
- Do not drive this tool over materials that are too hard or too soft. Hard material can cause the staple to ricochet and result in serious injury. Soft material may be penetrated easily and cause the staple to fly free.
- Please keep the tool clean and wipe off grease or oil after work. Do not use any solvent-based cleaner to clean the tool. A greasy handle or body may cause an accidental drop of the tool and injury to nearby persons.

## Recommended Fasteners and Accessories

- Use only Delfast fasteners and accessories.
- Do not use the tool in any way other than described by the manufacturer.
- Do not use the tool as a hammer. Impact on the tool will increase the risk of damage and accidental discharge of fastener.
- Load the fuel cell and battery prior to loading the fasteners to prevent accidental firing.

## Operating Controls

- Do not use a tool with missing or damaged safety warning label(s).
- A tool that is not in proper working order must not be used. Tags and physical segregation shall be used for control.
- Do not remove, tamper with or otherwise cause tool-operating controls to become inoperable.
- Do not operate tool if any portion of the tool operating controls are inoperable, disconnected, altered or not working properly.

## Fuel Safety Warning

- Use only the fuel cell recommended by the manufacturer. Read the Material Safety Data Sheet to understand more of your fuel cell contents.
- Recycle the empty fuel cell according to the local law. Do not attempt to recharge or incinerate the empty fuel cell.
- Do not expose the fuel cell or tools loaded with fuel cell to direct sunlight. Do not store or expose fuel cell to temperature higher than 50°C (120°F). Overheating the fuel cell can result in an explosion or fire.
- Do not puncture or attempt to open the fuel cell. The fuel cell contains flammable gas, even if it appears empty.
- The content of the fuel cell is extremely flammable, keep it away from all sources of ignition.

## Battery Safety Warning

<b>Battery</b>	<b>Model</b>	NACP-
	<b>Type</b>	Li-ion Battery
	<b>Nominal Voltage</b>	7.2V
	<b>Capacity</b>	2500mA
<b>Dimension</b>	52.2(l) x 41.9(w) x 85.5mm(h)	

Status	Meaning
All LEDs show green	Battery power more than 80%
Two LEDs show green	Battery power between 80% - 60%
One LED show green	Battery power between 60% - 40%
One LED blinks green	Battery power between 40% - 20%
One LED show red	Battery power below 20%

- Use only batteries that are supplied by the manufacturer.
- Recycle the battery according to local law. Do not incinerate or attempt to puncture or crush the battery.
- Do not immerse the battery in water or other fluids. Do not expose the battery to rain or snow.
- Do not expose the battery or tools loaded with battery to direct sunlight. Do not store or expose battery at temperatures higher than 50°C (120°F). Overheating the battery can result in an explosion or fire.
- Do not allow direct contact of the battery nodes with metal or conductive material.
- Charge the batteries every 3 months, even if the tool is not used, to prevent excessive discharging which may damage the battery.
- Please charge the battery for at least 2 hours before first-time use.



## Charger Safety Warning

- Do not use the charger in an explosive atmosphere. The electrical device is not designed for use in such environments.
- Do not charge the battery outdoors or in temperatures below 5°C (40°F).
- Do not puncture or attempt to open battery case or cells.
- Do not immerse the charger into water or other fluid. Do not expose the charger to rain or snow.
- Do not use the charger if the cord is damaged or the charger is defective.
- Unplug the charger by pulling the adapter unit, not by pulling the cord.
- Do not cover the charger with anything.
- Do not use a step-up transformer or engine generator as the power source for the charger.



<b>Model</b>	NACP-
<b>Input Voltage Range</b>	100-240 VAC
<b>Input Frequency</b>	50/60 or 50/60Hz
<b>Inrush Current</b>	40A max (cold start)

<b>Efficiency</b>	75% typ
<b>Leakage Current</b>	0.35mA max
<b>Pre-Charge Current</b>	0.15A-0.25A
<b>Pre-Charge Voltage</b>	4V<V battery<6V
<b>Complete Charge</b>	2A
<b>Constant Voltage</b>	8.2V – 8.4V
<b>Complete Charge</b>	<0.15A typ
<b>Total Charge Time</b>	2 Hours max
<b>Overvoltage Protection</b>	8.5V typ
<b>Work Temperature</b>	0°C – 50°C
<b>Battery Pack Temperature Protection</b>	T < 0°C or T > 55°C
<b>Continuous Power Output</b>	17W max



# ▶ Operation Instructions

## Loading and Unloading the Fuel Cell

- Remove travel casing and insert right angle tip (*Image A*).
- Open the fuel cell door (*Image B*) by pulling the door and rotating.
- Insert the fuel cell into the chamber (*Image c*). Align the fuel cell nozzle to the fuel stem on the tool.
- Close the fuel cell door (*Image D*).



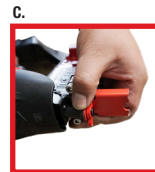
## Loading and Unloading Fasteners

- Connect the battery and fuel cell before you load the fasteners. The tool has the chance to cycle once when connected to the battery. If you load the fastener before the battery is connected, the fastener may be fired accidentally.
- Point the nozzle away from any personnel and keep your finger away from the trigger when loading the fastener.
- To load the staples slide the pusher until it clicks into the lockout position (*Image A*)
- Load staples onto magazine (*Image B*) and release the lockout button for the pusher to follow behind the staples.
- To unload the staples from the magazine slide the pusher until it clicks into the lockout position.



## Depth of Drive Adjustment

- This tool is equipped with tool-free depth of drive adjustment. Test the depth of drive on scrap piece before you start your work.
- Turn the knob to adjust the depth of drive (*Image C*)
- Repeat above procedure until you find your desired depth-of-drive setting.



## Actuation Method and the Steps to Fire the Tool

- These tools are equipped with single sequential actuation system only.
- To actuate the tool, depress the safety against the work piece, and then pull the trigger.
- To actuate the tool again, you will need to release the safety fully and release the trigger before you repeat above procedure.
- Make sure you are driving against the work piece before you pull the trigger.

## Jam Clearing for 4.00mm Post Stapler

- In case of stapler jam, disconnect the power source (fuel cell and battery) before you perform any action.
- Use a #2 phillips screwdriver to insert into the drive channel
- Tap the screwdriver with a hammer to push back the driver blade and release the jam.
- Remove the jammed staple with needle-nose pliers or similar type of tool.  
Do not use your hand to remove the staple.
- If you failed to remove the jammed fastener by above method, remove the magazine by unthreading the connecting bolt, and removing the fastener with needle nose pliers. Assemble the magazine back before further use.

## Charging the Battery and LED on Tool and Charger

- The tool comes with 2 batteries and a charger. It takes 2 hours before the battery is fully charged.
- When the tool is connected to a charged battery, the LED indicator on the tool will turn green.

State of Battery Charger LED Indicator			
	State	Red LED	Green LED
1	Idle – Input Power Available	ON	OFF
2	Battery Installed and Charging	ON	OFF
3	Battery at Full Charge	OFF	ON
4	Over Temperature Protection	Blinking	Blinking
5	Over Charge Time	Blinking	Blinking



# ► Maintenance Instructions

## General Maintenance

The tool operator is responsible for assuring that the tool is kept in safe working order. Furthermore, only service personnel trained by the manufacturer should repair the tool and should use the parts or accessories that are supplied or recommended by the tool manufacturer.

**CAUTION:** Disconnect the power source (fuel cell and battery) before performing any maintenance. Keep the tool clean at all times. Wipe off grease or oil with a dry, clean cloth to prevent any damage to the tool. Do not use solvent-based cleaners to clean the tool. Certain solvents will damage or weaken the composite parts of the tool. Clean the intake filter regularly to keep the tool in full efficiency. NEVER use a tool if there is any doubt.

## Cleaning

- It is recommended to clean your tool every 3 months depending on usage. See [delfast.com/videos](https://delfast.com/videos) for our clean & care video.

## Cold Weather

- This tool is not suggested to be used in cold weather. The cold weather will decrease the combustion efficiency and battery performance. Use the tool only at temperatures above:  $-7^{\circ}\text{C}$  ( $19^{\circ}\text{F}$ ).

## Storage

- When not in use for an extended period, apply a thin coat of the lubricant to the steel parts to avoid rust. Do not store the tool in a cold weather environment. Do not store the tool where the temperatures may exceed  $50^{\circ}\text{C}$  ( $120^{\circ}\text{F}$ ). When not in use, the tool should be stored in a warm and dry place. Keep out of reach of children.

# ▶ Trouble Shooting

Fault & Cause	Remedy
Red LED indicator light is on and the tool does not operate. CAUSE Battery charge may be too low.	Replace battery with a fully charged one.
Tool operates normally but did not drive the staples flush. CAUSE <ul style="list-style-type: none"><li>• Depth of drive not at correct adjustment.</li><li>• Fuel cell may be empty.</li></ul>	<ul style="list-style-type: none"><li>• Adjust the depth of drive setting to deepest.</li><li>• Check fuel cell and replace as required.</li><li>• Depress the safety and hold for 1 minute before activating the trigger. If the tool did not fire, there might be seal leaking over the combustion chamber. Return to authorised service agent or manufacturer for repair.</li></ul>
Fan does not run and the indicator light is red. CAUSE <ul style="list-style-type: none"><li>• Battery charge may be too low.</li><li>• The battery node maybe dirty or oily.</li></ul>	<ul style="list-style-type: none"><li>• Replace the battery with a fully charged one.</li><li>• Clean the battery node with clean cloth.</li></ul> If above does not work, return to authorised service agent or manufacturer for repairs.
Battery does not accept charge or the charger gets hot when charging. CAUSE <ul style="list-style-type: none"><li>• Damaged battery.</li><li>• Damaged charger.</li></ul>	<ul style="list-style-type: none"><li>• Replace the battery. If this action corrects the problem, you can confirm the battery was damaged.</li><li>• Replace the charger.</li></ul>

Fault & Cause	Remedy
Charger gets hot, makes noise or starts to smoke. <b>CAUSE</b> <ul style="list-style-type: none"> <li>The charger is damaged and should not be used.</li> </ul>	<ul style="list-style-type: none"> <li>Unplug the charger immediately and replace it with a new charger</li> </ul>
Tool will not cycle, the indicator LED is green and the fan runs <ul style="list-style-type: none"> <li>Fuel cell is empty</li> <li>Spark wire is loose or dirty.</li> </ul>	<ul style="list-style-type: none"> <li>Replace with a new fuel cell.</li> <li>Return to authorised service agent or manufacturer for repairs.</li> </ul>
Work contact element is not fully depressed and the tool cannot be used. <ul style="list-style-type: none"> <li>The work contact element is bent or the track of the safety mechanism is sticky, caused by dirt build up.</li> </ul>	<ul style="list-style-type: none"> <li>Clean the safety track.</li> <li>If above does not work, return to authorised service agent or manufacturer for repairs.</li> </ul>
Tool operates normally, but no fastener is driven. <ul style="list-style-type: none"> <li>Wrong type of fasteners were used.</li> <li>Fastener is jammed</li> <li>The staple pusher did not engage properly with the staple strip.</li> <li>The cylinder needs cleaning.</li> </ul>	<ul style="list-style-type: none"> <li>Change to correct fastener specification.</li> <li>Clear the jammed staple before use.</li> <li>Adjust to full engagement.</li> <li>Return to authorised service agent or manufacturer for repairs.</li> </ul>
Combustion chamber is not returning to start position. <ul style="list-style-type: none"> <li>The work contact element is bent or dirty.</li> </ul>	<ul style="list-style-type: none"> <li>Clean the safety track.</li> <li>Check the work contact element and have it repaired or replaced by authorised service agent or manufacturer.</li> </ul>
Driver did not return to initial position, high misfire frequency. <ul style="list-style-type: none"> <li>Issue with fuel cell.</li> <li>Tool is dirty.</li> <li>The tool may be over heated.</li> </ul>	<ul style="list-style-type: none"> <li>Check and replace fuel cell.</li> <li>Clean the tool with proper cleaning fluid.</li> <li>Return to authorised service agent or manufacturer for repairs.</li> </ul>
Tool appears to be losing power. <ul style="list-style-type: none"> <li>Issue with fuel cell.</li> <li>The tool may be over heated.</li> </ul>	<ul style="list-style-type: none"> <li>Check fuel cell.</li> <li>Return to authorised service agent or manufacturer for repairs.</li> </ul>
<b>For failures other than above situation, please stop using the tool and contact authorised service agent or manufacturer.</b>	



# CORDLESS CLEAN & CLEAR

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# CORDLESS HOW TO



# CORDLESS RURAL





## 4.00mm CORDLESS POST STAPLER OWNER'S MANUAL



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