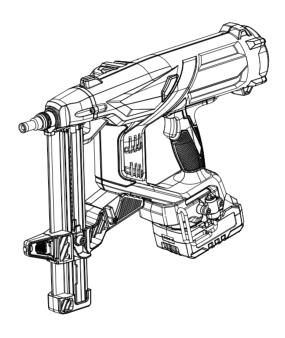


Instruction and Safety Manual

Model

9BE40



⚠ DANGER

Improper use of this Nailer can result in death or serious injury! This Manual contains important information about product safety. Read and understand this Manual before operating the Nailer. Never allow anyone who has not reviewed this manual to use the tool. This manual should be stored in a safe place.



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IMPORTANT INFORMATION



Read and understand tool labels and all of the operating instructions,safety precautions and warnings in this manual before operating or maintaining this nailer.

Failure to follow warnings could result in DEATH or SERIOUS INJURY.

Most accidents that result from the operation and maintenance of Nailers are caused by the failure to observe basic safety rules or precautions. An accident can often be avoided by recognizing a potentially hazardous situation before it occurs, and by observing appropriate safety procedures.

Basic safety precautions are outlined in the "SAFETY" section of this Manual and in the sections which contain the operation and maintenance instructions.

Hazards that must be avoided to prevent bodily injury or machine damage are identified by DANGERS and WARNINGS on the Nailer and in this Manual.

NEVER use this Nailer for applications other than those specified in this Manual.

DEFINITIONS OF SIGNAL WORDS

DANGER indicates an imminently hazardous situation which,if not avoided,will result in death or serious injury.

WARNING indicates a potentially hazardous situation which if not avoided could result in death or serious injury.

CAUTION indicates a potentially hazardous situation which if not avoided may result in minor or moderate injury, or may cause machine damage.

NOTE emphasizes essential information.

EXPLANATION OF THE NAILING ACTION OF THE NAILER

FULL SEQUENTIAL ACTUATION MECHANISM:
 First, press the push lever against the wood; next, pull the trigger to drive the fastener. Follow the same sequence to continue driving fasteners.



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(coeded) 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.
 - f) Power tools create sparks which may ignite the dust or fumes
 - 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
 b) 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 connecting 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 entagled 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.

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.

Use personal protective equipment. Always wear eye protection.

Protective equipment such as dust mask,nonskid safety shoes,hard hat,or hearing protection used for appropriate condition 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 energizing 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 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 terminal together may cause burns or a fire.
- d) Under abusive conditions,liquid may be ejected from the battery;avoid contact.lf 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 original replacement parts.

This will ensure that the safety of the power tool is maintained

- WARNING -

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

WARNING:

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the State of

California to cause cancer, birth defects or other reproductive harm. Some example of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks and cement and other masonry products,and
- Arsenic and chromium from chemicallytreated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

NAILER SAFETY WARNINGS

⚠ WARNING

- Always assume that the tool contains fasteners.
 - Careless handing of the nailer can result in unexpected firing of fasteners and personal injury.
- Do not point the tool towards yourself or anyone nearby. Unexpected triggering will discharge the fastener 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 fastener may be deflected away from your target.
- Disconnect the tool from the power source when the fastener jams in the tool. While

- removing a jammed fastener, the nailer may be accidentally activated if it is plugged in.
- 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.
- Do not use this nailer for fastening electric cables.

It is not designed for electric cable installation and may damage the insulation of electric cables thereby causing electric shock or fire hazards

IMPORTANT SAFETY INSTRUCTIONS FOR USING NAILERS

READ ALL INSTRUCTIONS

♠ DANGER

OPERATORS AND OTHERS IN WORK AREA MUST WEAR SAFETY GLASSES WITH SIDE SHIELDS.





When operating the Nailer, always wear safety glasses with side shields, and make sure others in work area wear glasses too.

Safety glasses must conform to the requirements of ANSI Standards Institute and provide protection against flying particles both from the front and side.

The employer must enforce the use of safety glasses by the Nailer operator and others in work area. It's recommended for the operator to wear hearing protection.

⚠ WARNING

2.NEVER POINT TOOL AT YOURSELF OR OTHERS IN WORK AREA.



Always assume the Nailer contains fasteners

Never point the Nailer at youeself toward yourself or others, whether it

contains fasteners or not.

If fasteners are mistakenly driven.it can lead to severe injuries.

Never engage in horseplay with the Nailer. Respect the Nailer as a working implement.

3. KEEP FINGERS AWAY FROM TRIGGER WHEN NOT DRIVING FASTENERS TO AVOID ACCIDENTAL FIRING.

Never carry the Nailer with finger on trigger since you could drive a fastener unintentionally and injure yourself or someone else.

Always carry the Nailer by the handle only.

4. CHOICE OF TRIGGERING METHOD IS IMPORTANT.

Read and understand section titled "Methods of operation".(pages 27-29)

5. ALWAYS WEAR EAR AND HEAD PROTECTION.

Always wear protection to protect your ears from loud noise.

Always wear head protection to protect your head from flying objects.

6. OPERATE WITHIN PROPER TEMPERATURE RANGE.

The operating environment for this device is between 32°F(0°C) and 104°F(40°C) so ensure use within this temperature range.

The device may fail to operate below 32°F(0°C) or 13. DO NOT LOAD FASTENERS WITH TRIGGER above 104°F(40°C).

7. STORE NAILER PROPERLY.AND BATTERY REMOVED.

When not in use the Nailer battery and battery charger should be stored in a dry place. Keep out of reach of children.Lock the storage area.

8. KEEP WORK AREA CLEAN.

Cluttered areas invite injuries. Clear all work areas of unnecessary tools.debris.furniture.etc.

9. KEEP VISITORS AWAY.

Do not let visitors handle the Nailer. All visitors should be kept safely away from work

10. DRESS PROPERLY.

Do not wear loose clothing or jewelry as they can be caught in moving parts.

Rubber gloves and nonskid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.

11. CHECK PUSH LEVER BEFORE USE.

Make sure the push lever operates properly. (The push lever may be called "Safety".) Never use the Nailer unless the push lever is operating properly, otherwise the Nailer could drive a fastener unexpectedlly.Do not tamper with or remove the push lever otherwise the push lever becomes inoperable.

12. KEEP ALL SCREWS AND COVERS TIGHTLY IN PLACE.

Keep all screws and covers tightly mounted. Check their condition periondically. Never use the Nailer if parts are missing or damaged.

OR PUSH LEVER DEPRESSED.



When loading fasteners into the Nailer,

- 1) do not depress the trigger:
- 2)do not depress the push lever;
- 3)keep the Nailer pointed downward.

14. KEEP FACE.HANDS AND FEET AWAY FROM FIRING HEAD DURING USE.

Never place your face, hands or feet closer than 8 inches(200mm) from the firing head.

A serious injury can result if the fasteners are deflected by the workpiece, or are driven away from the point of entry.

15. PLACE NAILER PROPERLY ON WORKPIECE.

Do not drive fasteners on top of other fasteners or with the Nailer at too steep of an angle:the fasteners can ricochet and hurt someone.

16. BEFORE STARTING WORK.CHECK THE **FASTENING OPERATION SWITCHING** DEVICE.

This Nailer includes a fastening operation switching device.

Before starting work.check the setting of the operation switching device.

If the switching device is not set properly, the nailer will not operate correctly.

17. BE CAREFUL OF DOUBLE FIRE DUE TO RECOIL.

If the push lever is unintentionally allowed to recontact the workpiece following recoil, an unwanted fastener will be driven.

In order to avoid this undersirable double fire.

- Intermittent operation(Trigger firing)
 - 1) Do not press the nailer against the wood with excessive force.
 - 2) Separate the nailer from the wood as it recoils after fastening.

18. DO NOT DRIVE FASTENERS INTO THIN **BOARDS OR NEAR CORNERS AND EDGES** OF WORKPIECE.

The fasteners can be driven through or away from 25. STAY ALERT. the workpiece and hit someone.

19. NEVER DRIVE FASTENERS FROM BOTH SIDES OF A WALL AT THE SAME TIME.

The fasteners can be driven into and through the wall and hit a person on the opposite side.

20. CHECK FOR LIVE WIRES.

Avoid the risk of severe electrical shock by checking for live electrical wires that may be hidden by walls.floors or ceilings.Turn off the breaker switch to ensure there are no live wires

21. DO NOT OVERREACH.

Keep proper footing and balance at all times.

22. NEVER USE NAILER WHICH IS DEFECTIVE OR OPERATING ABNORMALLY.

If the Nailer appears to be operating unusually, making strange noises, or otherwise appears defective, stop using it immediately and arrange for repairs by a authorized service center.

23. REMOVE ALL REMAINING FASTENERS AND BATTERY FROM NAILER WHEN:

- 1) doing maintenance and inspection:
- 2) checking proper operation of push lever and trigger;
- 3) clearing a jam;
- 4) it is not in use:
- 5) leaving work area:
- 6) moving it to another location:
- 7) handing it to another person.

Never attempt to clear a jam or repair the Nailer unless you have removed battery and all remaining fasteners from the Nailer.

The Nailer should never be left unattended since people who are not familiar with the Nailer might handle it and injure the themselves.

24. REMOVE BATTERY FROM NAILER WHEN:

1) loading fasteners;

Watch what you are doing. Use common sense.



Do not operate the Nailer when you are tired. The Nailer should never be used by you if you are under the influence of alcohol, drugs or medication that makes you drowsy.

26. HANDLE NAILER CORRECTLY.

Operate the Nailer according to this Manual. Never allow the Nailer to be operated by children. individuals unfamiliar with its operation or unauthorized personnel.

- 27. NEVER USE NAILER FOR APPLICATIONS OTHER THAN THOSE SPECIFIED IN THIS MANUAL.
- 28. HANDLE NAILER CAREFULLY.

Do not drop the Nailer or strike the Nailer against hard surfaces; and do not scratch or engrave signs on the Nailer. Handle the Nailer carefully.

- 29. MAINTAIN NAILER WITH CARE.
 - Keep the Nailer clean and lubricated for better and safer performance.
- 30. USE ONLY PARTS. ACCESSORIES OR FASTENERS SUPPLIED OR RECOMMENDED BY DEALER.

Unauthorized parts, accessories, or fasteners may void your warranty and can lead to malfunction and resulting injuries.

- or employer shall repair the Nailer.
- 31. NEVER MODIFY OR ALTER A NAILER. Doing so may cause it to malfunction and personal injuries may result.
- 32. NEVER allow magnets (or similar magnetic devices) to be adjacent to the nailer, because the nailer has a magnetic sensor inside. Doing so will cause a failure or risk of injury by malfunction

IMPORTANT SAFETY INSTRUCTIONS FOR BATTERY CHARGER

⚠ WARNING

Death or serious bodily injury could result from improper or unsafe use of battery chargers.

To avoid these risks, follow these basic safety instructions:

READ ALL INSTRUCTIONS

- 1. This manual contains important safety and operating instructions for battery charger Model No 504 4 04 024 01
- 2. Before using battery charger, read all instructions and cautionary markings on (1) battery charger, (2)battery, and (3) product using battery.
- 3. To reduce risk of injury, charge rechargeable battery type B18040003 series. Other type of batteries may burst causing personal injury and damage.
- 4. Do not expose battery charger to rain or snow.
- 5. Use of an attachment not recommended or sold by the battery charger manufacturer may result in a risk of fire, electric shock, or injury to persons.
- 6. To reduce risk of damage to electric plug and cord.pull by plug when disconnecting battery
- 7. Make sure cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
- Only service personnel trained by dealer, distributor 8. An extension cord should not be used unless absolutely necessary. Use of improper extension cord could result in a risk of fire and electric shock.

If extension cord must be used make sure:

- a. That blades of extension cord are the same number, size, and shape as those of plug on battery charger:
- b. That extension cord is properly wired and in good electrical condition;
- c. That wire size is large enough for AC ampere rating of battery charger as specified in Table



Table 1 RECOMMENDED MINIMUM AWG SIZE FOR EXTENSION CORDS FOR BATTERY CHARGERS

AC Input R	ating Amperes*		AWG Siz	ze of Cord	
Equal to or	but less		Length of Co	rd,Feet(Meter))
greater than	than	25(7.5)	50(15)	100(30)	150(45)
0	2	18	18	18	16
2	3	18	18	18	14
3	4	18	18	16	14

* If the input rating of battery charger is given in watts rather than in amperes,the corresponding ampere rating is to be determined by dividing the wattage rating by the voltage rating-for example:

- Do not operate battery charger with damaged cord or plug-replace them immediately.
- Do not operate battery charger if it has received a sharp blow,been dropped,or otherwise damaged in any way;take it to a qualified service center.
- 11. Do not disassemble battery charger;take it to a qualified service center when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.
- 12. To reduce risk of electric shock,unplug charger from receptacle before attempting any maintenance or cleaning.Removing the battery will not reduce this risk.

IMPORTANT SAFETY INSTRUCTIONS FOR USE OF THE BATTERY AND BATTERY CHARGER

You must charge the battery before you can use the power tool.Before using the battery charger, be sure to read all instructions and cautionary statements on it, the battery and in this manual.

Follow these instructions to avoid the risk of injury:

! WARNING

Improper use of the battery or battery charger can lead to serious injury. To avoid these injuries:

- 1. **NEVER** disassemble the battery.
- NEVER incinerate the battery, even if it is damaged or is completely worn out. The battery can explode in a fire
- 3. **NEVER** short-circuit the battery.
- NEVER insert any objects into the battery charger's air vents. Electric shock or damage to the battery charger may result.
- NEVER charge outdoors. Keep the battery away from direct sunlight and use only where there is low humidity and good ventilation.
- NEVER charger when the temperature is below 32°F(0°C) or above 104°F(40°C).
- 7. **NEVER** connect two battery chargers together.
- 8. **NEVER** insert foreign objects into the hole for the battery or the battery charger.
- 9. **NEVER** use a booster transformer when charging.
- NEVER use an engine generator or DC power to charger.
- NEVER store the battery or battery charger in places where the temperature may reach or exceed 104°F(40°C).
- ALWAYS operate charger on standard household electrical power. Using the charger on any other voltage may overheat and damage the charger.
- 13. **ALWAYS** wait at least 15 minutes between charges to avoid overheating the charger.



CAUTION ON LITHIUM-ION BATTERY

To extend the lifetime, the lithium-ion battery is equipped with a protection function to stop output. In the cases of 1 to 3 described below, when using this product, even if you are pulling the switch, the motor may stop. This is not the problem, but the result of the protection function.

- 1. When the battery power remaining runs out, the motor stops.
- 2. If the tool is overloaded, the motor may stop. In this case, release the switch of tool and eliminate causes of overloading. After that, you can use it again.
- If the battery is overheated under overload work,the battery power may stop.
 In this case,stop using the battery and let the battery cool. After that,you can use it again.

Futhermore, please heed the following warning and caution.

⚠ WARNING

In order to prevent any battery leakage,heat generation,smoke emission,explosion and ignition beforehand please be sure to heed the following precautions.

- Make sure that swarf and dust do not collect on the battery.
- During work make sure that swarf and dust do not fall on the battery.
- Make sure that any swarf and dust falling on the power tool during work do not collect on the battery.
- Do not store an unused battery in a location exposed to swarf and dust.
- Before storing a battery,remove any swarf and dust that may adhere to it and do not store it together with metal parts(screws.nails.etc).
 - 2. Do not pierce battery with a sharp object such as a nail, strike with a hammer, step on, throw or subject

- the battery to severe physical shock.
- Do not use an apparently damaged or deformed battery.
- 4. Do not use the battery in reverse polarity.
- Do not connect directly to an electrical outlets or car cigarette lighter sockets.
- 6. Do not use the battery for a purpose other than those specified.
- If the battery charging fails to complete even when a specified recharging time has elapsed, immediately stop further recharging.
- Do not put or subject the battery to high temperatures or high pressure such as into a microwave oven,dryer,or high pressure container.
- Keep away from fire immediately when leakage or foul odor are detected.
- 10.Do not use in a location where strong static electricity generates.
- 11.If there is battery leakage,foul odor,heat generated,discolored or deformed,or in any way appears abnormal during use,recharging or storage,immediately remove it from the equipment or battery charger,and stop use.

∴ CAUTION

- If liquid leaking from the battery gets into your eyes,do not rub your eyes and wash them well with fresh clean water such as tap water and contact a doctor immediately.
 If left untreated,the liquid may cause eye-problems.
- If liquid leaks onto your skin or clothes,wash well with clean water such as tap water immediately. There is a possibility that this can cause skin irritation.
- If you find rust,foul odor,overheating,discolor, deformation,and/or other irregularities when using the battery for the first time,do not use and return it to your supplier or vendor.

⚠ WARNING



If an electrically conductive foreign object enters the terminals of the lithium ion battery, a short-circuit may occur resulting in the risk of fire. Please observe the following matters when storing the battery.

- Do not place electrically conductive cuttings,nails, steel wire,copper wire or other wire in the storage case.
- Either install the battery in the power tool or store by securely pressing into the battery cover until the ventilation holes are concealed to prevent short-circuits.

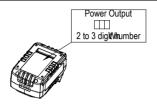
REGARDING LITHIUM-ION BATTERY TRANSPORTATION

When transporting a lithium-ion battery, please observe the following precautions.

⚠ WARNING

Notify the transporting company that a package contains a lithium-ion battery, inform the company of its power output and follow the instructions of the transportation company when arranging transport.

- Lithium-ion batteries that exceed a power output of 100 Wh are considered to be in the freight classification of Dangerous Goods and will require special application procedures.
- For transportation abroad, you must comply with international law and the rules and regulations of the destination country.



EMPLOYER'S RESPONSIBILITIES

- Ensure that this MANUAL is available to operators and personnel performing maintenance.
- Ensure that Nailers are used only when operators and others in work area are wearing EYE PROTECTION.
- Enforce the use of EYE PROTECTION by operators and others in work area.
- 4. Keep Nailers in safe working order.
- 5. Maintain Nailers properly.
- Ensure that Nailers which require repair are not further used before repair.

SAVE THESE INSTRUCTIONS
AND
MAKE THEM AVAILABLE TO OTHER USERS
AND
OWNERS OF THIS TOOL!



OPERATION

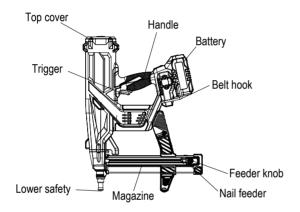
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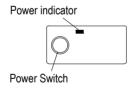
The information contained in this Manual is designed to assist you in the safe operation of the Nailer. Some illustrations in this Manual may show details or attachments that differ from those on your own Nailer.

PART NAMES

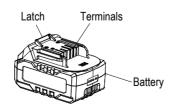
1. Cordless Concrete Nailer

<9BE40>

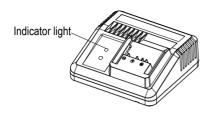




2. Battery



3. Battery Charger



SEPCIFICATIONS

1. Cordless Concrete Nailer

	9BE40		
	DC Brushless		
Length	1/2" - 1-1/2"		
	Full sequential		
[Nails/second]		2 (Intermittent)	
Sound pressure le	evel LpA	100 dB(A)	
Sound power leve	el LwA	111 dB(A)	
Uncertainty K		3 dB(A)	
Vibration value at	h 4.508 m/s ²		
Uncertainty K	1.5 m/s²		
Model		B1804003	
Туре	Li-ion battery		
Voltage	DC 18V		
battery)	10.3lbs		
eight x Width	17.5" x 13.5" x 5"		
	[Nails/second] Sound pressure le Sound power leve Uncertainty K Vibration value at Uncertainty K Model Type Voltage	[Nails/second] Sound pressure level LpA Sound power level LwA Uncertainty K Vibration value ah Uncertainty K Model Type Voltage pattery)	

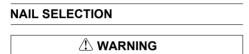
The vibration and noise emissions during actual use of the power tool can differ from the declared values depending on the ways in which the tool is used especially what type of material is being fastened. The need to identify safety measures to protect the operator are based on an estimation of exposure in the actual conditions of use.



2. Battery Charger

Model	NO.504.4.04.024.01		
Input power source	Single phase: 100-120VAC 50-60Hz		
Charging voltage	DC 20.9V		
Charging current	DC 1.8A DC 2.3A DC 4.0A		
Charging time (At a temperature of 68°F(20°C)	Approx.140min Approx.120min Approx.60min		
Weight	0.9lbs		

NOTE The charging time may vary according to temperature and power source voltage.



• Be sure to use only the genuine nails for the 9BE40. The use of any other nails can result in tool malfunction and/or nail breakdown, leading to serious injuries.

Only nails shown in the Table below can be driven with this Nailer.

Dimension of nails

	9BE40		
Diantia Ctuin Naila	Min.	Max.	
Plastic Strip Nails	.256 " (6.3mm)	.256 " (6.5mm)	
	.59 " (15mm)	1.57 " (40mm)	

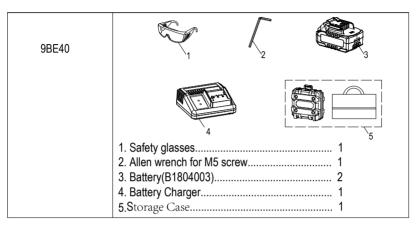


ACCESSORIES

⚠ DANGER

Accessories other than those shown below can lead to malfunction and result in injuries.

STANDARD ACCESSORIES



OPTIONAL ACCESSORIES sold separately

o BATTERY(B1804003)

NOTE

Accessories are subject to change without any notice on the part of supplier.

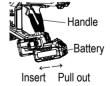
APPLICATIONS

- Floor and wall framing
- Subflooring and roof decking.
- Wall sheathing.
- Mobile home and modular housing construction.

Align the battery with the groove in tool handle and slip it into place.

Always insert all the way until it locks in place with a click. If not, it may fall out of the tool, causing injury to you or someone around you.

 How to remove the battery.
 Withdraw battery from the tool handle while pressing the latch(2 pcs) of the battery.



REMOVAL AND INSTALLATION METHOD OF BATTERY

∴ CAUTION

- Be sure keep the fingers away from the trigger the following points.
 and push lever away from wood.
 The power source
- How to install the battery.

CHARGING METHOD

NOTE

Before plugging into the receptacle, make sure of e following points.

- o The power source voltage is stated on the nameplate.
- o The cord is not damaged.



♠ WARNING

Do not charge at voltage higher than indicated on the

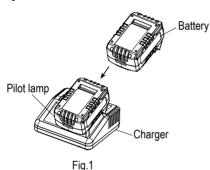
If charged at voltage higher than indicated on the nameplate, the charger will overheat.

1. Connect the charger's power cord to a receptacle. When the power cord is connected the charger's pilot from the receptacle and check if the battery is properly lamp will blink in red.(At 1-second intervals)



Do not use the electrical cord if damaged. Have it repaired immediately.

2. Insert the battery to the battery charger. Insert the battery into the battery charger as shown in Fig.1.



3. Charging

When the battery is connected to the battery charger. charging will commence and the indicator light will light in red.(See Table 2)

NOTE

If the indicator light flickers in red, pull out the plug mounted.

When the battery is fully charged the pilot lamp will blink in red slowly.(At 1-second intervals)(See Table 2)

(1) Pilot lamp indication

The indications of the pilot lamp will be as shown in Table 2.according to the condition of the charger or the rechargeable battery.

(2) Regarding the temperature of the rechargeable battery.

The temperature for rechargeable batteries are as shown in the Table 3.and batteries that have become hot should be cooled before being recharged.

Table 3 Recharging ranges of batteries

3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			
Rechargeable batteries	Temperatures at which the battery can be recharged		
B1804003	32°F-104°F (0°C-40°C)		

Table 2

Indicator Light Definitions			
	Before charging	the green lights	
	While charging	the red lights	
Indicator Light	Charging complete	the green lights	
	Overheat standby	the red blinks	Battery overheated. Unable to charge. (Charging will commence when battery cools)
	Charging impossible	the green and the red flicker	Malfunction in the battery or the charger



(3) Regarding recharging time(At 68°F(20°C))

Table 4 Charging time

Current	1.8A	2.3A	4.0A
B1804003	140min	120min	60min

NOTE

and power source voltage.

4. Disconnect battery charger from the receptacle.

∴CAUTION

Do not pull the plug out of the receptacle by pulling on the cord.

Make sure to grasp the plug when removing from receptacle to avoid damaging cord.

5. Remove the battery from the battery charger. Supporting the battery charger by hand, pull out the battery from the battery charger.

NOTE

Be sure to pull out the battery from the battery charger after use, and then keep it.

Regarding electric discharge in case of new batteries.etc.

As the internal chemical substance of new batteries and batteries that have not been used for an extended period is not activated the electric discharge might be low when using them the first and second time. This is a temporary phenomenon, and normal time required for recharging will be restored by recharging the batteries 2-3 times.

How to make the batteries perform longer

(1) Recharge the batteries before they become completely exhausted.

When you feel that the power of the tool becomes weaker, stop using the tool and recharge its battery. If you continue to use the tool and exhaust the electric

- current, the battery may be damaged and its life will become shorter.
- (2) Avoid recharging at high temperatures.

A rechargeable battery will be hot immediately after use.If such a battery is recharged immediately after use.its internal chemical substance will deteriorate.and the battery life will be shortened. Leave the battery and recharge it after it has cooled for a while.

CAUTION

- The charging time may vary according to temperature When the battery charger has been continuously used, the battery charger will be heated, thus constituting the cause of the failures. Once the charging has been completed, give it 15 minutes rest until the next charging.
 - If the battery is charged while it is heated because it has been left for a long time in a location subject to direct sunlight or because the battery has just been used, the indicator light of charger lights for 0.5 seconds.In such a case, first left the battery cool, then start charging.
 - . When the pilot light or charge indicator light flickers (at 0.2-second intervals).check for and take out any foreign objects in the charger's battery installation hole. If there are no receptacle objects, it is probable that the battery or charger is malfunctioning. Take it to your authorized Service Center.

BEFORE OPERATION

Read section titled "SAFETY" (page 2-10). Make sure of the following before operation.

PREPARING THE BATTERY

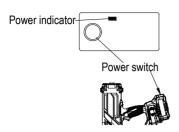
Read section titled "SAFETY.IMPORTANT SAFETY INSTRUCTIONS FOR BATTERY CHARGER"(page 7).

You must charge the battery before use.

The battery charging method is shown on page 14-16.

HOW TO OPERATE OPERATION PANEL



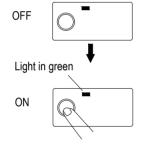


(1) Power switch ON

With the power switch "OFF", push the power switch, then indicator lights will display in green.

NOTE

 Do not press the push lever and/or pull the trigger during the process of turning the power switch ON.
 Doing so will prevent the power switch from turning ON



(2) Check Remaining battery level

	Status of battery	
	3 LEDS(Red. Yellow.Green)light	Full Battery Level
	2 LEDS(Red. Yellow)light	Partial Battery Level
A A	1 LED(Red)lights	Battery level is nearly empty. Recharge the battery as soon as possible

(3) Other functions

In case of operating error, LED lamps show as below

in case of operating enor,LLD lamps show as below				
Status of indicator				
LED(Green) blinks 2 times	Tool is in too cold (below 23°F(-5°C)) or too hot condition. Allow the nailer to cool or warm-up thoroughly in adequate condition.			
	The battery is under-voltage			
LED(Green) blinks 3 times				
Other conditions	Contact Dealer for replacement			

TESTING THE NAILER

⚠ DANGER



 Operators and others in work area MUST wear safety glasses with side shields which conform to ANSI Z87.1 specifications.

⚠ WARNING

- Make sure the power supply is not connected when not firing nails.
- Never use Nailer unless push lever is operating properly.

The machine employs a preventative mechanism for unloaded operation.

The machine enters a state where the push lever cannot be pushed up. This takes place when the magazine is not loaded with nails or when the remaining number of nails becomes less than 5 or 6.



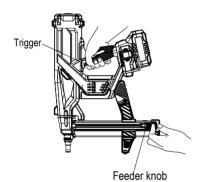
ACAUTION

 Use caution not to throw the push lever trip onto wood.

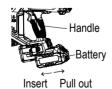
Before actually beginning the nailing work,test the Nailer by using the checklist below.Conduct the tests in the following order.

If abnormal operation occurs, stop using the Nailer and contact a Dealer authorized service center immediately.

- (1) REMOVE ALL NAILS AND BATTERY FROM NAILER.
 - □ ALL SCREWS MUST BE TIGHTENED.
 - THE PUSH LEVER AND TRIGGER MUST MOVE SMOOTHLY after pulling back the feeder knob.



(2) Installing the battery Do not operate the push lever or trigger while intalling the battery.

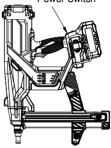


(3) Turn on the power switch.

Light in green



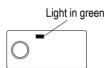
Power Switch



Turn on the Power switch by pressing the Power switch. Make sure the power indicator is lighting in green.

NOTE

 Do not press the push lever and/or pull the trigger during the process of turning the power switch ON.
 Doing so will prevent the power switch from turning ON



[Auto power off]

When the power is turned on but the Nailer is not used for 30 minutes, the Nailer is automatically turned off. To turn on again, press the power switch.

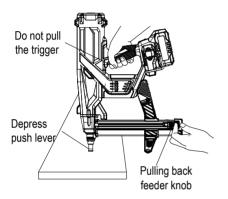


Never leave the Nailer with the power on. This could result in an accident.

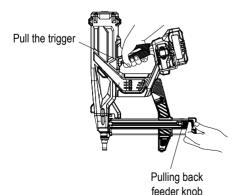


Make sure the power indicator is not blinking. If the power indicator is blinking in green three times regularly,the battery doesn't have enough power and it needs to be charged.

- (4) Remove the finger from the trigger and press the push lever against the workpiece with pulling back the feeder knob.
 - □ THE NAILER MUST NOT OPERATE



- (5) Separate the push lever from the workpiece. Next,point the nailer downward,with pulling back the feeder knob,pull the trigger and then wait in that position for 5 seconds or longer.
 - □ THE NAILER MUST NOT OPERRATE



- (6) ① Without touching the trigger, depress the push lever against the workpiece with pulling back the feeder knob. Next, pull the trigger.
 - ☐ THE NAILER MUST NOT OPERATE.
 - ② Hold the trigger back and depress the push lever against the workpiece again.
 - ☐ THE NAILER MUST NOT OPERATE.
 - ③ Separate the finger from the trigger. Next,① is operated again.
 - ☐ THE NAILER MUST NOT OPERATE.
- (7) Separate the push lever against the workpiece,pull the trigger. Depress the push lever against the workpiece within 2 seconds
 - ☐ THE NAILER MUST NOT OPERATE.
- (8) If no abnormal operation is observed, you may load nails in the Nailer.

Driver nails into the workpiece that is the same type to be used in the actual application.

□ THE NAILER MUST OPERATE PROPERLY.

LOADING NAILS

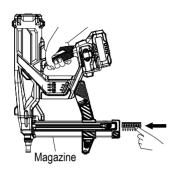
⚠ WARNING

- . When loading nails into Nailer,
 - 1) remove battery from the nailer;
 - 2) do not pull trigger;
 - 3) do not depress push lever;
 - 4) keep nailer pointed downward.

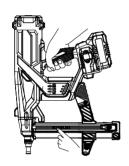


3-Action Nail Feeding!

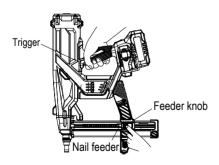
(1) Insert nail strip into the back of the magazine.



(2) Slide the nail strip forward in the magazine.



(3) Pull the nail feeder a little pass the back of nails, loosen feeder knob, nail feeder automate against to the nails.



NOTE:

 Quietly push the nail feeder and feeder knob against the nail

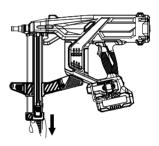
If the nail feeder and feeder knob are released from backward the magazine and bumped against the nail, the connecting plastic of the nail can be damaged.

- Use nail strip of more than 2 nails.
- Use an unbroken nail strip with nails of all the same length.

The Nailer is now ready to operate.

Removing the nails:

- Remove the battery pack first, then pull the nail feeding device backward to fix it at the bottom of the nail groove.
- 2 Press the catch and let the nails drop out.



NAILER OPERATION

Read section titled "SAFETY"(page 2-10).



♠ DANGER

 Operators and others in work area MUST wear safety glasses with side shields which conform to ANSI Z87.1 specifications.



⚠ WARNING



- NEVER point tool at yourself or other in work area.
- Keep fingers AWAY from trigger when not driving nails to avoid **CAUTION** accidental firing.
- Do not use the electrical cord if damaged. Have it repaired immediately.
- Choice of triggering method is important. Please read and understand "METHODS OFOPERATION" found below.
- Before starting work, check the nailing operation MECHANISM nailing operation: switching device.
- This nailer includes a nailing operation switching device.
- . Before starting work, make sure that the switching device is properly set. If the switching device is not set properly, the nailer will not operate correctly.
- Never place your face, hands or feet near firing head when using.
- Do not drive nails on top of other nails or with Nailer at too steep of an angle; nails can ricochet and hurt someone.
- . Do not drive nails into thin boards or near corners and edges of workpiece. Nails can be driven through or away from workpiece and hit someone.
- Never drive nails from both sides of a wall at the same time. Nails can be driven into and through the wall and hit a person on the opposite side.
- . Never use Nailer which is defective or operating abnormally.
- . Do not use Nailer as hammer.
- · Remove all remaining fasteners and battery from nailer when:
 - 1) doing maintenance and inspection;
 - 2) checking proper operation of push lever and trigger;
 - 3) cleaning a jam;
 - 4) it is not in use:
 - 5) leaving work area;
 - 6) moving it to another location;

- 7) handing it to another person.
 - · Remove battery from Nailer when:
 - 1) loading nails:
 - 2) turning the adjuster.

 Use caution not to throw the push lever tip onto wood when the push lever cannot be pushed up.

This Nailer is equipped with a FULL SEQUENTIAL ACTUATION MECHANISM.

Explanation of FULL SEQUENTIAL ACTUATION

First, press the push lever against the workpiece; Next, press downward nailer:

Then, pull the trigger to drive a nail.

The machine employs a preventive mechanism for unloaded operation.

The machine enters a state where the push lever cannot be pushed up in place. This takes place when the magazine is not loaded with nails or when the remaining number of nails becomes less than 3.

METHODS OF OPERATION

This Nailer is equipped with the push lever and does not operate unless the nailer mouth is depressed upward top dead center position.

It is intermittent operation (Trigger fire) only.

- 1 Turn on the power switch.
- 2 Position the nail outlet on the workpiece with finger off the trigger.
- 3 Depress the push lever firmly until it is completely depressed.
- 4 Pull the trigger to drive the nail.
- (5) Remove finger from the trigger and lift the tool off the workpiece surface completely.

To continue nailing in a separate location, move the nailer along the wood, repeating steps 2-5 as required.

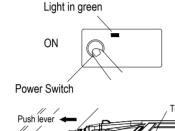


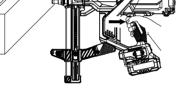
⚠ WARNING

To continue nailing in a separate location, move the nailer along the wood, repeating steps 2-5 as required.

NOTE

Operations 3 and 4 should be done with 2 seconds of each other.If more than 2 seconds pass after 3, the Nailer will not work properly.If this happens, retry from 3.





⚠ WARNING

- Keep your finger off the trigger except during nailing operation, because serious injury could result if the push lever accidentally contacts you or others in work area.
- Keep hands and body away from the discharge area. This nailer may bounce from the recoil of driving a nail and unwanted subsequent nail may be driven, possibly causing injury.

NOTE

- If all warnings and instructions are followed,safe operation is possible with all two systems:FULL SEQUENTIAL ACTUATION MECHANISM, CONTACT ACTUATION MECHANISM.
- Always handle nails and package carefully. If nails are dropped, collating bond may be broken, which will cause mis-feeding and jamming.
- After nailing:
 - 1) remove battery from the Nailer;
 - 2) remove all nails from the Nailer;

USING THE HOOK

 When using the hook,pull out the battery.Pay sufficient attention so that the main equipment does not fall.

If the toll falls, there is a risk of accident. Hook can be installed on the left or right side.

(1) Securely hold the main unit and remove the screw using a screwdriver.



(2) Remove the hook and hook plate.



(3) Install the hook on the other side and securely fasten with screw.



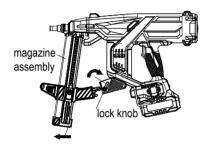


CLEARING A JAM

If nails are jammed in firing head, remove it and adjust the nailing in the following order.

⚠ CAUTION

- Remove the battery from the Nailer.
- ① Remove the battery from the Nailer.
- 2 Remove all nails.
- ③ Turn the lock knob in a clockwise direction.
- 4 Remove the magazine assembly, and clean jam.



⚠ CAUTION

- NEVER hit the driver blade.
- NEVER point the tool at yourself or another person,toavoid risk of injury by mis-firing.
 Even if the battery is removed from the nailer,there is still energy of compressed air remaining inside.

NOTE

 In case of frequent jam,contact a dealer authorized service center.



MAINTENANCE

NOTE

The information contained in this Manual is designed to assist you in the safe maintenance the Nailer. Some illustrations in this Manual may show details or attachments that differ from those on your own Nailer

MAINTENANCE AND INSPECTION

<Nailer>

Read section titled "SAFETY" (pages 2-10).

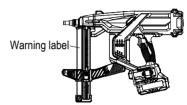
⚠ WARNING

- Remove battery and all remaining fasteners from Nailer when:
 - 1) doing maintenance and inspection:
 - 2) clearing a jam.
- 1. Inspecting the magazine
- Remove battery.
- ② Clean the magazine.Remove dust chips which may have accumulated in the magazine.

♠ CAUTION

- Check that the nail feeder slides smoothly by pulling it with finger.
 - If not smooth, nails can be driven at an irregular angle and hurt someone.
- 2. Storing
- o Do not store the Nailer, and battery in a cold weather environment.
 - Keep them in a warm area.
- When not in use, the Nailer, and battery should be stored in a warm and dry place.
 - Keep it out of reach of children.
- 3. WARNING LABEL
 - Charge the WARNING LABEL if missing or damaged.

A new WARNING LABEL is available from a service center



- 4. Maintenance chart(See page 26)
- 5. Operator troubleshooting(See page 26)
- 6. Disposal of the exhausted battery

⚠ WARNING

Do not dispose of the exhausted battery. The battery must explode if it is incinerated. The product that you have purchased contains a rechargeable battery. The battery is recyclable. At the end of it's useful life. under various state and local laws, it may be illegal to dispose of this battery into the municipal waste stream. Check with your local solid waste officials for details in your area for recycling options or proper disposal.

7. Storage

Storing in a place below 104°F(40°C) and out of the reach of children.

NOTE

Storing lithium-ion batteries

Make sure the lithium-ion batteries have been fully charged before storing them.

Prolonged storage(3 months or more) of batteries with a low charge may result in performance deterioration, significantly reducing battery usage time



or rendering the batteries incapable of holding a charge.

However, significantly reducing battery usage time may be recovered by repeatedly charging and using the batteries two to five times.

If the battery usage time is extremely short despite repeated charging and use, consider the batteries dead and purchase new batteries.

8. Service parts list

∴ CAUTION

 Repair, modification and inspection of Power Tools must be carried out by a Dealer Authorized Service Center.

This Parts List will be helpful if presented with the tool to the Dealer Authorized Service Center when requesting repair or other maintenance. In the operation and maintenance of power tools, the safety regulations and standards prescribed in each country must be observed.

MODIFICATIONS

Power Tools are constantly being improved and modified to incorporate the latest technological advancements.

Accordingly, some parts may be changed without prior notice

Important notice on the batteries for the cordless power tools

Please always use one of our designated genuine batteries. We cannot guarantee the safety and performance of our cordless power tool when used with batteries other than these designed by us, or when the battery is disassembled and modified (such as disassembly and replacement of cells or other internal parts).

SERVICE AND REPAIRS

∴ WARNING

- Only service personnel trained by Dealer, distributor or employer shall repair the Nailer.
- Use only parts supplied or recommended by Dealer for repair.

All quality Nailers will eventually require servicing or replacement of parts because of wear from normal use.

NOTE

Specifications are subject to change without any obligation on the part of .

Maintenance chart

ACTION	WHY	HOW
Clean magazine and feeder mechanism.	Prevent a jam.	Blow clean daily.
Keep push lever working properly	Promotes operator safety and efficient Nailer operation.	Blow clean daily.

Operator troubleshooting

Most minor problems can be resolved quickly and easily using the table below.

If problems persist, contact a Dealer authorized service center for assistance.



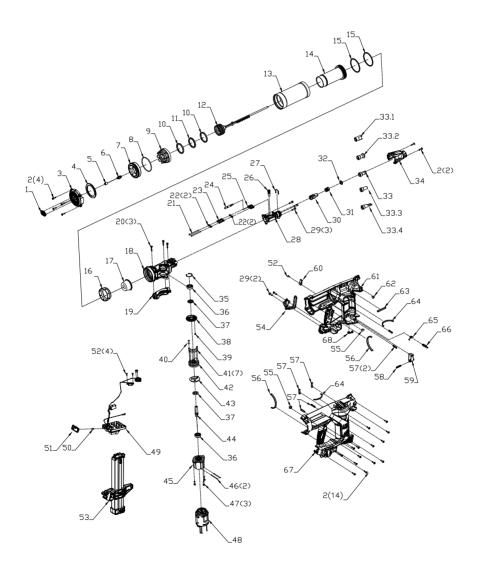
PROBLEM	CHECK METHOD	CORRECTION
	Low battery charge.	Charge the battery.
Power switch doesn't turn on.	Damaged internal electronics.	Contact for replacement.
Turns on once,but turn off automatically.	Push lever and/or trigger is ON state?	Keep push lever and trigger in OFF state.
	Stops operation after 30 minutes? (Auto-power off function)	Push and hold power switch more than 1 second to switch "ON"
	Nailer not pressed firmly enough against workpiece.	Hold nailer firmly and press to the workpiece completely.
	Trigger not pulled firmly	Pull the trigger firmly.
Nailer doesn't operate	More than 2 seconds pass from push lever ON to trigger ON (or trigger ON to push lever ON)	Make sure that less than 2 seconds pass between push lever ON and trigger ON (or between trigger ON and push lever ON).
(Power switch ON).	Preventive mechanism activated. (No nails,or too few fasteners remaining)	Reload the nails into magazine.
	Lock lever(Trigger lock function) is "ON" position.	Set Lock lever to "OFF" position. (Refer to page 23-24)
	Machine is too cold (below 23°F (-5°C)) or too hot.	Allow the nailer to cool or warm-up throughly in adequate condition. Contact service center for
	Damaged internal electronics.	replacement.
	Magazine is dirty.	Blow and wipe clean the magazine.
	Damaged internal electronics.	Clear a jam (refer to page 30).
Mallan an anatara bastana 19	Driver blade worn or damaged?	Contact service center for replacement.
Nailer operates, but no nails driven.	Ribbon spring weakened or damaged?	Replace ribbon spring.
	Nail feeder damaged?	Replace ribbon spring.
	Check for proper nails.	Use only recommended nails.
	Check position of nailing depth adjustment adjuster.	Readjust according to page 29.
Weak drive.	Drive blade worn?	Contact service center for replacement.
Slow to cycle.	Compressed air pressure has become low	Contact service center for replacement.
	Damaged internal electronics.	Contact service center for replacement.



PROBLEM	CHECK METHOD	COPRECTION
Skipping nails. Intermittent feed.	Check for proper nails.	Use only recommended nails.
	Nail feeder damaged?	Replace nail feeder.
	Check position of nailing depth adjustment adjuster.	Replace ribbon spring.
	Driver blade worn or damaged?	Contact service center for replacement.
	Check for proper nails.	Use only recommended nails.
	Driver blade worn or damaged?	Contact service center for replacement.



EXPLOSION OF 9BE40





Part list

No.	Part Name	Qty	No.	Part Name	Qty
1	Rubber Cap	1	34	Dust Proof	1
2	Countersunk Screw ST4.2×20	20	35	Retaining Ring d0=28	1
3	3 Housing Cover		36	Bearing 6001-2RS	2
4	Cylinder Rubber Pad		37	Support Plate	2
5	Valve Cover	1	38	Upper Plate	1
6	Valve	1	39	Magnet	1
7	Cylinder Cover	1	40	Pin Ø5	1
8	O-ring 67.95X2.62	1	41	Pin Ø4	7
9	Cylinder Support	1	42	Lifter	1
10	Piston Guiding Ring	2	43	Lower Plate	1
11	X-Ring 40.64X5.33	1	44	Shaft	1
12	Piston Assy	1	45	Gear Box Assy	1
13	Outer Cylinder	1	46	Pin Ø3x48	2
14	Inner Cylinder	1	47	Hex.Socket Screw M4x16	3
15	O-ring 64X3	1	48	Brushless Motor	1
16	Limit Cylinder	1	49	Controller	1
17	Bumper	1	50	Countersunk Screw ST2.9X6.5	1
18	Frame	1	51	Reset Board	1
19	Guiding Block	1	52	Hex.Socket Screw M3X8	5
20	Hex Bolt M5×20	3	53	Magazine Assy	1
21	Guiding Pin	2	54	Belt Hook Assy	1
22	Spring Seat	4	55	Trigger Rubber Strip	2
23	Spring	2	56	Cylinder Fixed Rubber Strip	2
24	Pushing Pin Assy	1	57	Frame Rubber Strip(short)	6
25	Pushing Lever	1	58	Trigger Spring	1
26	Dryfire Lockout Assy	1	59	Trigger	1
27	Clip	1	60	Relese Knob	1
28	Fatener Guide	1	61	Left Housing	1
29	Hex.Socket Screw M5×15	3	62	Rubber Column	1
30	Nose Holder	1	63	Frame Rubber Strip(long)	1
31	Nose Spring	1	64	Gear Box Rubber Strip	2
32	Adjusting Ring	1	65	Torsion Spring	1
33	Nose	1	66	Lock Block	1
33.1	Cable Clip Nose(Optional)	1	67	Right Housing	1
33.2	Magnetic Nose(Optional)	1	68	Rubber Cap	1





LOCATIONS NATIONWIDE: 888.859.6060

SALES@ALLFASTENERS.COM