

BENCHMARKTM MC

16 GA PNEUMATIC FINISHING NAILER



5 Year Limited Warranty



**READ ALL INSTRUCTIONS BEFORE FIRST USE.
KEEP THIS MANUAL FOR FUTURE REFERENCE.
KEEP AWAY FROM CHILDREN.**



**WEAR CSA APPROVED
EYE PROTECTION**

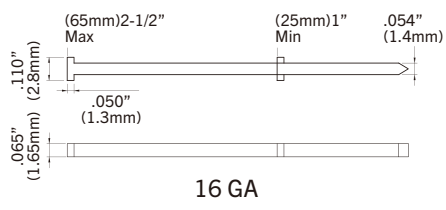


**WEAR EAR
PROTECTION**



**WEAR A
FACE MASK**

PRODUCT SPECIFICATIONS

16 GA PNEUMATIC FINISHING NAILER	
Magazine Capacity	100 pcs
Fastener Details	25-65mm
	
Max Pressure	120 PSI
Average Air Consumption	1.5CFM @ 90 PSI
Operating Pressure	70-110 psi
Magazine Angle	90°
Air Inlet	1/4" (6.35mm)
Recommended Hose	1/4" or 3/8"
Weight	3.9 lb 2 oz (1.7 kg)

*Please note (where the 1/4" NPT connector is not already installed on the tool) your tool may be shipped with a black plastic cap installed in the air inlet. Pry the cap out prior to installing the 1/4" NPT connector.

NEED ASSISTANCE?

Call us on our toll- free customer support line:

1-866-349-8665 (Monday through Friday 9am – 5pm Eastern Standard Time)

- Technical questions
- Replacement parts
- Parts missing from package


 Note these instructions pertain to the tool only. Please refer to your compressors operators manual and follow the manufacturers instructions.

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SAFETY GUIDELINES

WARNING:

This manual contains information that relates to PROTECTING PERSONAL SAFETY and PREVENTING EQUIPMENT PROBLEMS. It is very important to read this manual carefully and understand it thoroughly before using the product. The symbols listed below are used to indicate this information.

 **DANGER! Potential hazard that will result in serious injury or loss of life.**


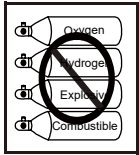


 **WARNING! Potential hazard that could result in serious injury or loss of life.**





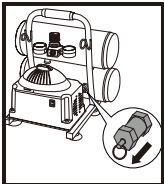
 **CAUTION! Potential hazard that may result in moderate injury or damage to equipment.**

Note - The word " Note " is used to inform the reader of something he / she needs to know about the tool.

PERSONAL SAFETY

These precautions are intended for the personal safety of the user and others working with the user. Please take time to read and understand them.

SYMBOL	MEANING
	<ul style="list-style-type: none"> • Do not use oxygen or any other combustible or bottled gas to power air-powered tools. Failure to observe this warning can cause explosion and serious personal injury or death. Use only the compressed air to power the air-powered tools. Use a minimum of 25' (7.6 m) of hose to connect the tool to the compressor. Failure to comply will result in serious injury or loss of life. 
	<ul style="list-style-type: none"> • Risk of electric shock: Do not expose a compressor to rain. Store it indoors. Disconnect the compressor from power source before servicing. Compressor must be grounded. Do not use grounding adaptors.
	<ul style="list-style-type: none"> • Risk of personal injury: Do not direct compressed air from the air hose towards the user or other personnel.

SYMBOL	MEANING
	<ul style="list-style-type: none"> • Risk of inhalation: Never directly inhale the air produced by the compressor.
	<ul style="list-style-type: none"> • Risk of bursting: Do not adjust the pressure switch or safety valve for any reason. They have been preset at the factory for this compressor's maximum pressure. Tampering with the pressure switch or the safety valve may cause personal injury or property damage.
	<ul style="list-style-type: none"> • Risk of burns. The pump and the manifold generate high temperatures. In order to avoid burns or other injuries, do not touch the pump, the manifold, or the transfer tube while the compressor is running. Allow the parts to cool down before handling or servicing. Keep children away from the compressor at all times.
	<ul style="list-style-type: none"> • Risk of bursting: Make sure the regulator is adjusted so that the compressor outlet pressure is set lower than the maximum operating pressure of the tool. Before starting the compressor, pull the ring on the safety valve to make sure the valve moves freely. Drain water from tank after each use. Do not weld or repair tank. Relieve all pressure in the hose before removing or attaching accessories. 

 **DANGER!**

- Keep children away from the work area. Do not allow children to handle power tools.
- Do not use this tool in the presence of flammable liquids or gases. Sparks that are created during use may ignite gases.
- Keep air hose away from heat, oil, and sharp edges. Check air hose for wear before each use and ensure that all connections are proper.
- Always ensure that the workpiece is firmly secured leaving both hands free to control the tool.
- Always ensure that the tool has stopped before putting it down after use, for safety purposes and to prevent possible damage to the tool/user.
- Keep proper footing at all times in order to ensure correct balance.
- Always assume that the tool contains fasteners.
- Do not point the tool toward yourself or anyone else.



WARNING!

- Do not allow unskilled or untrained individuals to operate the air tool.
- Do not use the tool for any task other than that it is designed to perform.
- Locate the compressor in a well-ventilated area for cooling, and a minimum of 12" (31 cm) away from the nearest wall.
- Protect the air hose and the power cord from damage and puncture. Inspect them for weak or worn spots every week and replace them if necessary.
- Always wear hearing protection when using the air compressor. Failure to do so may result in hearing loss.
- Do not carry the compressor while it is running.
- Do not operate the compressor if it is not in a stable position.
- Do not operate the compressor on a rooftop or an elevated position that could allow the unit to fall or be tipped over.
- Always replace a damaged gauge before operating the unit again.
- Do not connect the tool to a compressed air source with a pressure output that is higher than 120 psi.



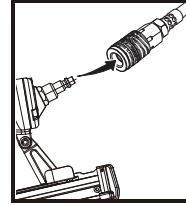
CAUTION!

- Always ensure that the tool has stopped before disconnecting the air supply.
- Do not wear watches, rings, bracelets, or loose clothing when using any air-powered tool.
- Do not overload the tool. Allow the tool to operate at its optimum speed for maximum efficiency.
- Do not use a tool that is leaking air, that has missing or damaged parts, or that requires repairs. Verify that all screws are securely tightened.
- For optimal safety and tool performance, inspect the tool before every usage, in order to ensure free movement of the trigger, safety mechanisms, and springs.
- Always keep your air tool clean and lubricated. Daily lubrication is essential to avoid internal corrosion and possible failures.
- Ensure the floor is not slippery and wear non-slip shoes. Floors should be kept clean and clear.
- Always follow all workshop safety rules, regulations, and conditions when using the tool and keep the work area clean.
- Carry the tool by the handle only, keeping fingers away from the trigger. Do not carry the tool by the hose, magazine, or any other parts.
- Do not use the tool near or below freezing point, as doing so may cause tool failure. Do not store the tool in a freezing environment to prevent ice formation on the tools operating valves, as doing so may cause tool failure.
- Handling and storage of oil: Use with adequate ventilation. Avoid contact of oil with eyes, skin, and clothing. Avoid breathing spray or mist. Store in a tightly closed container in a cool, dry, well-ventilated area free from incompatible substances.
- Tripping hazard. The air hose may become a tripping hazard when it is placed in the work area. Use care when walking in the work area.

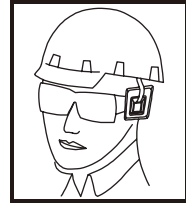


CAUTION!

- Disconnect tool from the air supply and turn off the compressor before performing any maintenance or changing accessories, when clearing a jammed fastener, when the tool is not in use, when it is being handed to another person, and when it is left unattended. Failure to comply may result in moderate injury or damage to equipment.



- Use safety goggles and ear protection: Wear safety glasses with side shields when operating the tool/compressor and verify that others in the work area are also wearing safety glasses. Safety glasses must conform to American National Standards Institute (ANSI Z87. 1) requirements and must provide protection from flying particles from the front and the sides.














Air-powered tools are loud, and the sound can cause hearing damage.

Always wear ear protection to prevent hearing damage and loss. Failure to comply may result in moderate injury.

Note: Recycle unwanted materials rather than disposing of them as waste. Sort the tools, hoses, and packaging in specific categories and take to the local recycling centre or dispose of in an environmentally safe way.

SYMBOLS

⚠ WARNING: Some of the following symbols may appear on the nailer. Study these symbols and learn their meaning. Proper interpretation of these symbols will allow for more efficient and safer operation of this tool.

V	Volts	3n 	Three-phase alternating current with neutral
A	Amperes		
Hz	Hertz		Direct current
W	Watts	n ₀	No load speed
kW	Kilowatts		Alternating or direct current
μF	Microfarads		Class II construction
L	Litres		Splash-proof construction
kg	Kilograms		Watertight construction
H	Hours		Protective grounding at terminal, Class I tools
N/cm ²	Newtons per square centimetre	.../min	Revolutions or reciprocations per minute
Pa	Pascals	∅	Diameter
Min	Minutes	0	Off position
S	Seconds		Directional arrow
~ or AC	Alternating current		Warning symbol
3 	Three-phase alternating current		Wear your safety glasses

TOOL SPECIFIC WARNINGS



DANGER Potential hazard that will result in serious injury or death.

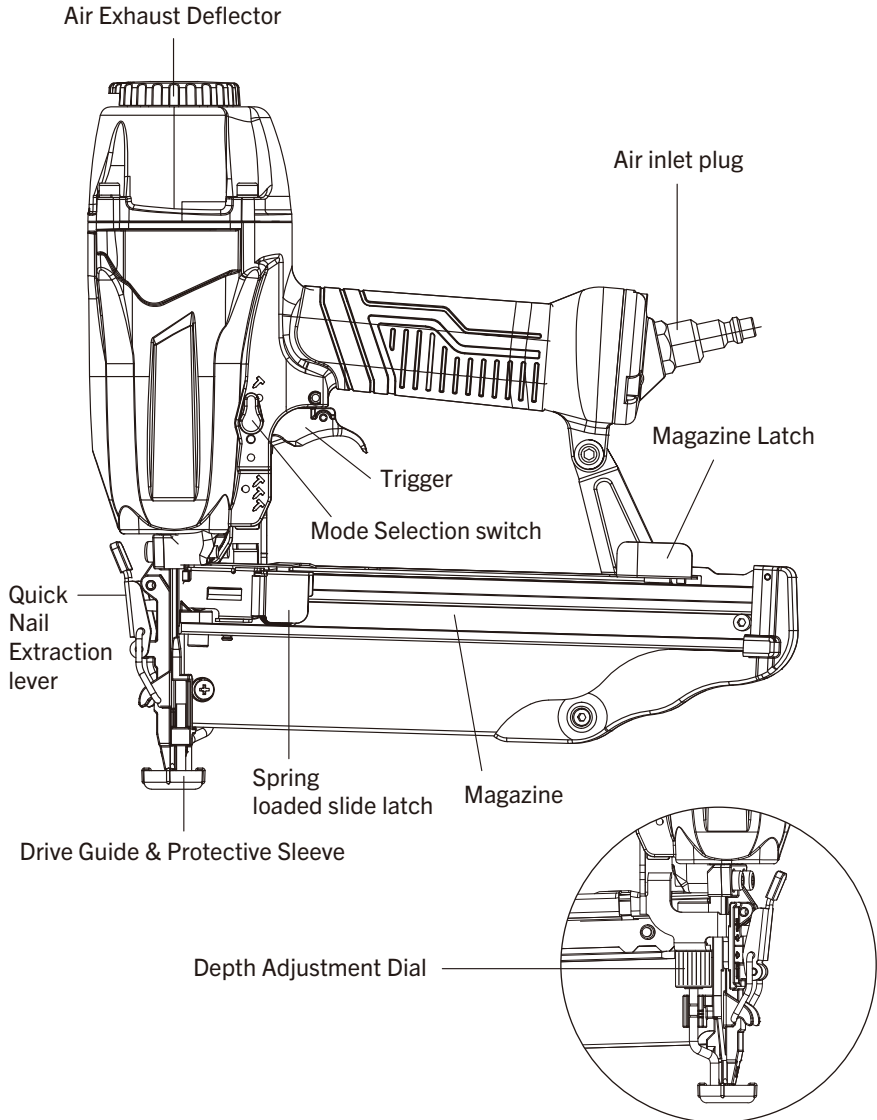
- Do not disconnect or reconnect the air hose with the tool pressed or with a fastener in the guide. The tool may fire when it is reconnected to the air supply.



WARNING Potential hazard that could result in serious injury or death.

- Keep hands and other parts of the body away from the nail guide during use. Keep hands and feet and all other parts of the body at least 8" (20cm) away from the firing head.
- Objects in the workpiece can cause serious injury if they cause the fasteners to be deflected or to be driven away from the point of entry.
- Do not drive fasteners on top of a fastener. The fastener may ricochet, causing serious personal injury.
- Do not drive fasteners on scaffoldings, ladders, or such similar construction.
- Use only fasteners of the proper size and gauge, as specified in this manual.
- Do not drive fasteners close to the edge of the workpiece. The workpiece may split which could allow the fastener to fly free or ricochet and cause serious personal injury.
- Keep hands and other parts of the body away from the tool's discharge and working areas when connecting the air supply. Failure to comply could lead to serious injury or death.
- Do not keep the tool pressed while loading fasteners.
- Do not disconnect or reconnect the air hose with the tool pressed or with a fastener in the guide. The tool may fire when it is reconnected to the air supply.
- Use only fasteners of the proper size and gauge as specified in this manual.
- Do not drive fasteners close to the edge of the workpiece. The workpiece may split which could allow the fastener to fly free or ricochet.
- It is recommended that a filter-regulator-lubricator be used and be located as close to the tool as possible.
- If a filter-regulator-lubricator is not installed, place up to 6 drops of compressor oil into the air inlet plug before each use.
- If a filter-regulator-lubricator is installed, keep the air filter clean. A dirty filter will reduce the air pressure to the tool, which will cause a reduction in power, efficiency, and general performance.

KNOW YOUR 16 GA PNEUMATIC FINISHING NAILER



ASSEMBLY AND OPERATING

COMPATIBLE COMPRESSORS

GUIDELINES FOR PROPER USE AND OPERATION

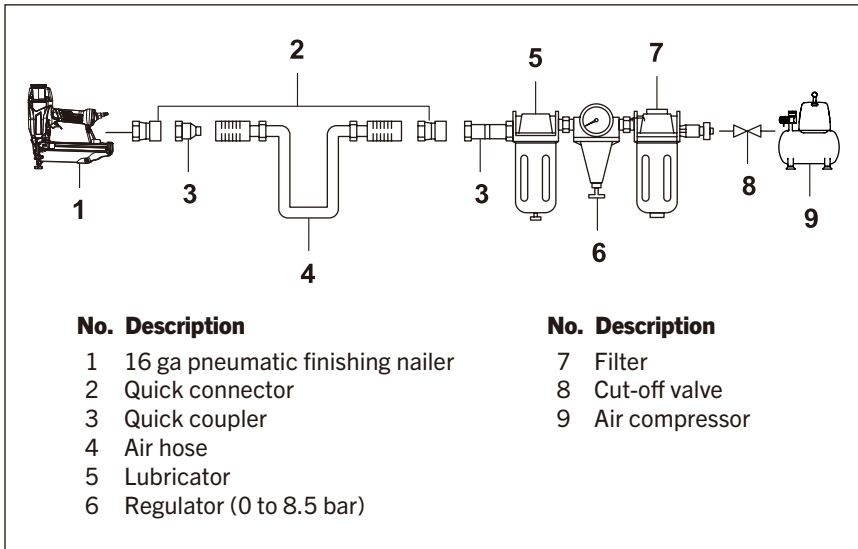
Be sure to use a proper air compressor with air-powered tools. The compressor should be able to supply a minimal air delivery of 1.5 SCFM @ 90 psi to ensure the compressor can run continuously with the tool.

Air Compressor Size & Power	2 HP	2-1/2 HP	3+ HP
5-6 Gallons	Light duty and intermittent use	Light duty and intermittent use	Medium duty and intermittent use
8 - 11 Gallons	Light duty and intermittent use	Medium duty and intermittent use	Heavy duty and continuous use
15+ Gallons	Medium duty and intermittent use	Heavy-duty and continuous use	Heavy duty and continuous use

Wood density	Nail size	Compressor air pressure
>0.6g/cm ³	<1/2" (38 mm) T nails	90 psi
	≥1/2" (38 mm) T nails	110 psi
≤0.6g/cm ³	<1/2" (38 mm) T nails	70 psi
	≥1/2" (38 mm) T nails	100 psi

Air system

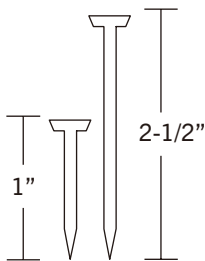
Always use clean, dry, regulated compressed air at 5 to 7.5 bar (70 to 110 PSI). Do not exceed the maximum or minimum pressures. Operating the tool at the wrong pressure (too low or too high) will cause excessive noise or rapid wear.



This finishing nailer drives 1" to 2 1/2" (16 gauge) nails.

ACCEPTABLE NAILS

Length: 1" - 2 1/2"



WARNING! Potential hazard that could result in serious injury or death.

- The use of any other types of nails will cause the nailer to jam and could lead to serious injury or death.

Nail type icons

These Icons are used to select the proper nails for this specific nailer.



Note: Icons are colour coded, please refer the actual tool for the specific colour.



WARNING! Potential hazard that could result in serious injury or death.

- The use of any other type of fasteners will cause the tool to jam. Failure to comply could lead to serious injury or loss of life.
- Do not use the tool if it is not in proper working order.
- Do not use oxygen or any other combustible or bottled gas to power this tool.
- Do not use this tool in the presence of any flammable liquids or gases.
- Keep hands and other parts of the body away from the firing head during use.
- Do not point the tool towards the operator or other people.
- Do not attempt to clear a jammed nail when the air hose is connected.
- Do not drive a nail on top of an existing nail. Failure to comply could lead to serious injury or loss of life.

OPERATING INSTRUCTIONS

General use

This Finishing Nailer drives 1" to 2 1/2" long 16-gauge nails. The tool has a strong and lightweight die cast aluminium body, and a rubber handle for improved control and comfortable grip even during extended use. It features a 360° air deflector for air exhaust. It is best suited for installing door and window trim, decorative trim, small cabinet work, and finishing work on paneling.

Read and follow all the safety instructions at the beginning of this manual.

Inspect the air tool prior to each use.

- Ensure that the proper power source is being used.
- Verify the tool is in proper working order.
- Verify that the air pressure level (s) are properly set on the air compressor.
- Do not use oxygen. Carbon dioxide, or any other combustible, or bottled gas to power this tool.
- Do not use this tool in the presence of any flammable liquids or gases.

Loading nails

⚠ DANGER! Potential hazard that will result in serious injury or death.

- Disconnect the tool from the compressed air source before loading nails.
- Do not point the tool towards the operator or other people while changing nails.
- Do not hold the tool with the trigger pressed while changing or loading nails. Failure to comply will lead to serious injury or death.

1. Disconnect the tool (1) from the air supply (2) (Fig. A).

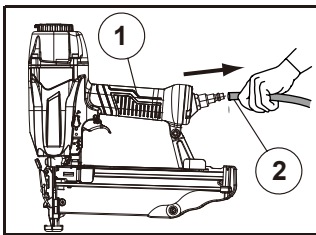


fig A

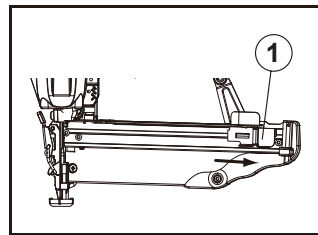


fig B

2. Hold the tool firmly with one hand and use the other hand to press the magazine latch (1) then pull the spring-loaded slide latch back until it locks in position (fig. B)

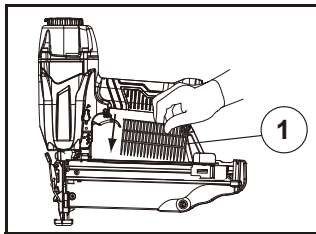


fig C

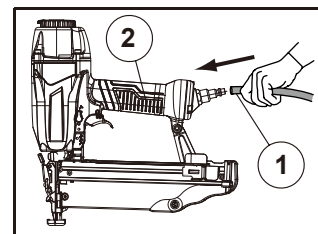


fig D

3. Insert a strip of nails (1) into the magazine. Ensure the points of the nails are facing down. Release the spring-loaded slide latch until it meets the nails and locks into place (fig. C).

4. Plug in compressor, turn it on, and set the pressure regulator to 90 PSI, attach one end of the air hose to the compressor and the other end of the air hose (1) to the tool (2) (fig. D).

5. Test the driving depth using a sample piece of wood before working on the workpiece.

⚠ WARNING: Only those fasteners specified under product specification may be used when filling the magazine, hold the tool so that the muzzle is not pointing towards the operator or any other person or animals.

MODE SELECTION SWITCH

Firing modes

The Finishing Nailer has two firing modes: **Single-Sequential actuation** for single firing, or **Contact / bump actuation** for repetitive, fast firing of nails. You may switch between these two modes simply by adjusting the Mode Selection Switch on the tool. For single sequential actuation mode, the selector switch must be positioned toward the back of the tool (toward the single nail icon on the tool). For repetitive firing, also known as contact or bump mode, the mode selector switch must be positioned toward the front of the tool (toward the multiple nail icon on the tool).

Ensure the switch is positioned either fully in single sequential or contact/bump mode, otherwise, if switch is in-between the tool will not function properly.

SINGLE SEQUENTIAL ACTUATION MODE

The single sequential actuation mechanism is for use where precise fastener placement is desired. The single sequential actuation mechanism may reduce the possibility of bodily injury to you or others in the work area compared to the contact/bump actuation mechanism. This is because it is less likely to drive an unwanted nail if you keep the trigger pulled and accidentally bump the push lever against yourself or others.

The single sequential actuation mechanism may also reduce the speed of operation compared to the contact/bump actuation mechanism. The single sequential actuation mechanism is recommended to inexperienced users.

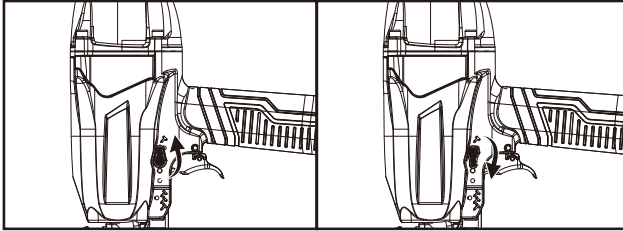
1. Set switch on tool (toward back of tool) to single sequential actuation mode (fig. E).
2. Position the nose of the tool on the workpiece with your finger off the trigger.
3. Depress the push lever on the firing head of the tool firmly against the workpiece until it is completely depressed.
4. Pull the trigger to drive a nail.
5. Remove finger from the trigger.
6. To continue nailing in a separate location, move the nailer along the wood, repeating steps 2-5 as required.

CONTACT OR BUMP MODE

*** This mode is suitable when less precise nail placement is required. It allows the user to work more quickly.** Since nails can be actuated without removing the finger from the trigger, this is a less controlled mode, suitable for more experienced users.

1. Set switch on tool (toward the front of tool) to contact or bump mode (fig. E).
2. Press and hold the trigger while operating in this mode. Each time the firing head contacts a workpiece, a nail is actuated (fired). Lift the nailer and locate it at the site for the next nail. Move the nailer along the workpiece with a bouncing motion. Each depression of the push lever on the firing head of the tool will drive a nail. As soon as the desired number of nails have been driven, remove finger from the trigger.
3. This process can be repeated until the trigger is released. Extreme care should be taken because a nail will be driven when the firing head contacts any surface.

Mode Selection switch (Fig.E)



Single sequential actuation mechanism (switch to back of tool)
Bump/Contact mechanism (switch to front of tool)

ADJUSTING NAIL DEPTH

⚠ WARNING! When adjusting the nail depth, be sure to remove your finger from the trigger and disconnect the air hose from the nailer.

To assure that each nail penetrates to the same depth, be sure that:

1. The air pressure to the nailer remains constant (regulator is installed and working properly).
2. The nailer is always held firmly against the workpiece.
3. If nails are being driven too deep or too shallow into the workpiece, adjust the tool in the following order.

Decreasing and Increasing nail depth

- Disconnect air hose from nailer.
- Turn the depth wheel clockwise to increase depth (with the discharge area of the tool facing away from the operator) (Fig.F).
- Turn the depth wheel counter-clockwise to decrease depth (with the discharge area of the tool facing away from the operator) (Fig.G).
- Once the desired depth is achieved the connect the air hose.

NOTE: Adjustments are in half-turn increments

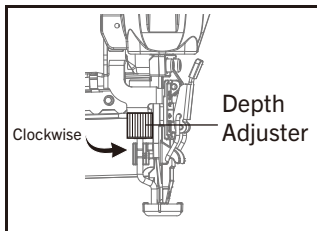


fig F

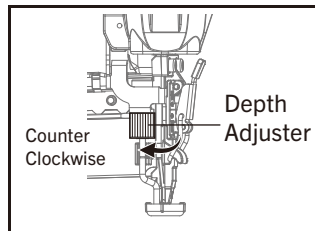


fig G

NOTE: If after adjustment the nail is not going deep enough, adjust the pressure of the regulator on the compressor accordingly.

Clearing a jammed nail



WARNING! Potential hazard that will result in serious injury or death.

- **Disconnect the tool from the air supply line before clearing a jammed nail. Failure to comply could cause them to be fired out of the tool causing serious injury.**
- **Do not point the tool towards the operator or other people. Serious personal injury could result if these instructions are not followed.**
- Disconnect the air hose from the tool and remove the non-jammed nails from the tool before clearing a jammed nail. The nails are under pressure and failure to comply could cause them to be fired out of the tool causing serious injury.
- Use pliers or any appropriate tool to remove the jammed nails.
- If the nail is jammed in the “firing” location, pull the Quick Nail Extraction lever away from the tool to access and remove the jammed nail.
- Reload the nails into the tool magazine.
- Reconnect the air hose to the tool’s air inlet.
- Test fire 3 to 5 nails into a piece of scrap wood to ensure a proper operation.



WARNING! Potential hazard that could result in serious injury or loss of life.

- Do not point the tool towards the operator or other people. Serious personal injury could result if these instructions are not followed.

STORAGE

If it is necessary to store the tool for an extended period of time, apply a generous amount of lubrication before storing. The tool should be allowed to run for approximately 30 seconds after lubricating in order to ensure that the lubrication is uniformly distributed throughout the tool.

Cold weather operation

When operating any air-powered tool below freezing temperature:

- Verify if the compressor tank has been properly drained prior to use.
- Keep tools as warm as possible using any safe, convenient method.
- Place up to 6 drops of pneumatic tool oil into the tool’s air inlet.
- Adjust the air pressure to 80 PSI or lower.
- Load the nails into the magazine (if required).
- Actuate the tool 5 to 6 times into a scrap wooden piece in order to lubricate the O-rings.
- Adjust the air pressure to the operating level (do not exceed 120 PSI) and use the tool normally.
- Relubricate the tool, as described in the maintenance section.
- Drain the compressor tank at least once per day.

MAINTENANCE

Note: Do not store the tool anywhere temperatures will fall below freezing.

! **DANGER!** Disconnect the tool from the air compressor before maintenance/ service, adjusting, cleaning jams, reloading, and when it is not in use. Repairs must be performed by a qualified service technician only. Failure to comply will lead to serious injury or loss of life.

MAINTENANCE REQUIRED	DESCRIPTION	TOOLS OR MATERIALS REQUIRED	MAXIMUM SERVICE INTERVAL		
			Each Use or every 2 Hrs.	Monthly	As Needed
General inspection – free movement	Trigger, spring, safety mechanism	None	X		
In-depth inspection	Worn or broken parts			X	X
Replace worn or broken parts					X
Lubrication	See below	Pneumatic tool oil	X		

Lubrication: If the tool and the compressor are not equipped with an in-line lubrication system, place up to 6 drops of pneumatic tool oil into the air inlet before each use or after every 2 hours of continuous use, depending on the characteristics of the workpiece and type of fasteners used.

Air-operated tools must be inspected periodically, and worn or broken parts must be replaced to ensure that the tools are operating safely and efficiently.

Inspect and replace worn or damaged O-rings, seals, etc. Tighten all screws and caps frequently in order to help prevent personal injury.

Keep the magazine of the tool clean and free of any dirt or abrasive particles.

! **DANGER! Potential hazard that will result in serious injury or death .**

- Disconnect the tool from the air compressor before performing maintenance/ service, adjusting, clearing jams, reloading, and when it is not in use.
- Repairs must be performed by a qualified service technician only. Failure to comply will lead to serious injury or death.

TROUBLESHOOTING

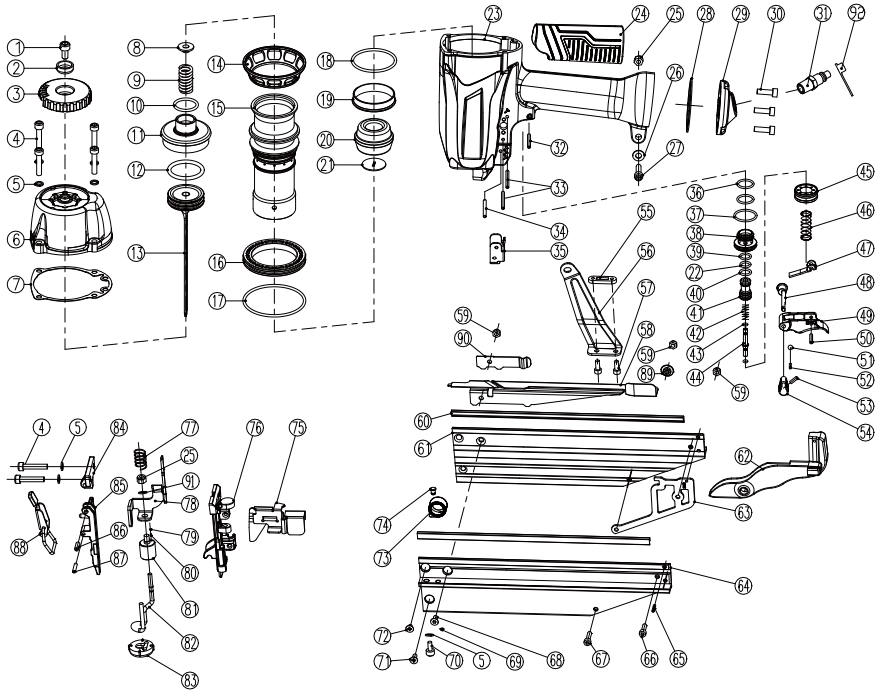
! **DANGER!** If any of the following symptoms appear while the tool is in use, turn it off and disconnect it from the air supply immediately. Failure to comply will lead to serious injury or loss of life. Disconnect the tool from the air supply before making any adjustments. Repairs must be performed by a qualified service technician only.

The following chart lists common issues and solutions. Please read it carefully and follow all instructions carefully.


Disconnect the tool from the air supply before making any adjustments.

PROBLEM	POSSIBLE CAUSES	SOLUTIONS
Air leakage at the top of the tool or in the trigger area.	<ol style="list-style-type: none"> 1. O-rings in the trigger valve are damaged. 2. The trigger valve heads are damaged. 3. Trigger valve stem, seal, or O-rings are damaged. 	<ol style="list-style-type: none"> 1. Inspect and replace the O-ring. 2. Inspect and replace trigger valve heads. 3. Inspect and replace the trigger valve stem, seal, or O-ring. <p>Have the tool serviced by a qualified service technician.</p>
Air leakage near the bottom of the tool.	<ol style="list-style-type: none"> 1. The screws are loose. 2. The O-rings or the bumper are worn or damaged. 	<ol style="list-style-type: none"> 1. Tighten the screws. 2. Inspect and replace the O-rings or the bumper. <p>Have the tool serviced by a qualified service technician.</p>
Air leakage between the bottom and the cylinder cap.	<ol style="list-style-type: none"> 1. The screws are loose. 2. The O-rings or the seals are worn or damaged. 	<ol style="list-style-type: none"> 1. Tighten the screws. 2. Inspect and replace the O-rings or the seals. <p>Have the tool serviced by a qualified service technician.</p>
The nails are being driven too deep.	<ol style="list-style-type: none"> 1. The bumper is worn. 2. The air pressure is too high. 3. The depth adjustment knob is not adjusted properly. 	<ol style="list-style-type: none"> 1. Replace the bumper. 2. Adjust the air pressure. 3. Adjust the depth setting by turning the depth adjustment knob counter clockwise (see section "Adjusting nail depth" for more detailed instructions).
The tool does not operate properly-it does not drive the nails or operates sluggishly.	<ol style="list-style-type: none"> 1. The air supply is inadequate. 2. Lubrication is inadequate. 3. The O-rings or seals are worn or damaged. 4. The exhaust deflector in the cylinder head is blocked. 	<ol style="list-style-type: none"> 1. Verify that the air supply is adequate. 2. Pour up to 6 drops of oil into the air inlet. 3. Inspect and replace O-rings or seals. 4. Replace the damaged internal parts. <p>Have the tool serviced by a qualified service technician.</p>
The tool skips nails.	<ol style="list-style-type: none"> 1. The bumper is worn, or the spring is damaged. 2. There is dirt in the front plate. 3. Nails cannot move freely in the magazine due to dirt or wear. 4. The O-ring on the piston is worn or dry or lubrication is insufficient. 5. The cylinder cover seal is leaking. 	<ol style="list-style-type: none"> 1. Replace the bumper or spring. 2. Clean the drive channel on the front plate. 3. Clean the magazine. 4. Replace the O-ring. 5. Replace the sealing washer. <p>Have the tool serviced by a qualified service technician.</p>
The tool jams.	<ol style="list-style-type: none"> 1. Improper nails are used, or nails are damaged. 2. The driver guide is damaged or worn. 3. The magazine screw is loose. 4. There is dirt in magazine. 	<ol style="list-style-type: none"> 1. Use proper nails. (See section "Clearing a jammed nail.") 2. Inspect and replace the driver. 3. Tighten the magazine. 4. Open and clean the magazine.
Air exhaust is being directed towards the operator.	The direction of the exhaust deflector requires adjustment.	Direct the exhaust deflector away from the operator.

EXPLODED VIEW



PARTS LIST

 **WARNING:** When servicing, use only original equipment replacement parts. The use of any other parts may create a safety hazard or cause damage to the tool. Any attempt to repair or replace electrical parts on this tool may create a safety hazard unless repairs are performed by a qualified technician. For more information, call the Toll-free Helpline, at 1-866-349-8665.

Always order by part number.

Key #	Part #	Part Name	Quantity
1	03.04.05.040	Bolt M6x12	1
2	02.04.29.242	Bushing	1
3	03.04.21.520-01	Air defector	1
4	03.04.05.034	Bolt M5x25	6
5	03.04.05.263-03	Spring washer 5	7
6	03.04.28.124	Cylinder cover	1
7	03.04.07.161	Cylinder washer	1
8	03.04.07.162	Cushion gasket	1
9	03.04.36.328	Trigger valve spring	1
10	03.04.01.345	O-ring 21x2.5	1
11	03.04.20.057	Trigger valve	1
12	03.04.01.367	O-ring 31.4x3.55	1
13	03.04.39.01.247	Piston	1
14	03.04.19.242	Upper collar	1
15	03.04.27.146	Cylinder	1
16	03.04.19.243	Lower collar	1
17	03.04.01.192	O-ring 60x2.5	1
18	03.04.01.158	O-ring 42x2.5	1
19	03.04.19.244	Sealing ring	1
20	03.04.06.157	Bumper	1
21	03.04.07.163	Guide gasket	1
22	03.04.01.048	O-ring 6.4x2	1
23	03.04.26.269	Gun body	1
24	03.04.29.258	Gun body grip	1
25	03.04.05.738-01	Nut M5	2
26	03.04.19.238	Washer d=5	1
27	03.04.05.032	Bolt M5x20	1
28	03.04.07.164	End cover wahser	1
29	03.04.11.101	End cover	1

Key #	Part #	Part Name	Quantity
30	03.04.05.030	Bolt M5x16	3
31	03.04.40.170	Air inlet plug	1
32	03.04.05.352	Pin 3x25	1
33	03.04.05.198	Pin 3x32	2
34	03.04.05.197	Pin 3x30	1
35	03.04.32.031	Guide seat	1
36	03.04.01.302	O-ring 14x1.8	2
37	03.04.01.097	O-ring 20x1.8	1
38	03.04.32.183	Valve seat	1
39	03.04.01.047	O-ring 6.1x8	1
40	03.04.01.060	O-ring 9x1.8	1
41	03.04.29.243	Valve sleeve	1
42	03.04.34.043	Switch spring	1
43	03.04.01.032	O-ring 2.4x1.6	2
44	03.04.15.176	Switch stem	1
45	03.04.32.184	Switch seat	1
46	03.04.36.005	Trigger spring	1
47	03.04.02.183	Safety board	1
48	03.04.15.177	Shift lever	1
49	03.04.03.107.01	Trigger	1
50	03.04.05.191	Pin 3x16	1
51	03.04.40.130	Steel ball Dw=4	1
52	03.04.34.098	Adjustable spring	1
53	03.04.05.228	Pin 3x8	1
54	05.04.26.014-01	Shift knob	1
55	03.04.17.014	Block	1
56	03.04.12.080	Fixed seat	1
57	03.04.05.010	Bolt M4x10	2
58	03.04.10.007	Positioning handle	1
59	03.04.05.737-01	Nut M4	3
60	03.04.30.015	Lead strip	1
61	03.04.14.185	Right magazine	1
62	03.04.12.082	Position seat	1
63	03.04.25.008	Magazine gasket	1
64	03.04.14.184	Left magazine	1
65	03.04.05.344	Pin 2.5x12	1
66	03.04.05.012	Bolt M4x14	1

Key #	Part #	Part Name	Quantity
67	03.04.05.013	Bolt M4x16	1
68	03.04.05.656	Bolt M4x10	1
69	03.04.05.237	Open retaining ring	1
70	03.04.05.028	Bolt M5x12	1
71	03.04.05.125	Bolt M4x10	1
72	03.04.05.130	Bolt M4x6	1
73	03.04.34.001	Plane scroll spring	1
74	03.04.31.051	Pin	1
75	03.04.09.013	Nail feeder	1
76	03.04.08.142	Nail guide	1
77	03.04.36.032	Safety shelf spring	1
78	03.04.16.019	Safety shelf	1
79	03.04.40.127	Stell ball Dw=2	2
80	03.04.34.015	Thrust spring	2
81	03.04.23.183	Adjustable nut	1
82	03.04.04.018	Safety nozzle	1
83	03.04.04.019	Safety nozzle sleeve	1
84	03.04.02.042	Partition	1
85	03.04.02.043	Cover	1
86	03.04.42.152	Pin 4x12	1
87	03.04.05.193	Pin 3x20	1
88	03.04.39.06.015	Tension trigger	1
89	03.04.25.008	Fixed seat gasket	1
90	03.04.25.014	Strengthening frim	1
91	03.04.19.276	Adjustable nut gasket	1
92	03.04.29.158	Air inlet plug case	1

WARRANTY

BENCHMARK WARRANTY

If this Benchmark tool fails due to a defect in material or workmanship within five years from the date of purchase, return it to any Home Hardware store with the original bill of sale for exchange. 3-year warranty for the battery and charger. This warranty does not include expendable parts including but not limited to blades, brushes, belts, light bulbs. This warranty covers defects in material or workmanship only. It does not cover normal wear and tear, failure due to abuse/misuse, or defects caused by careless or accidental mishandling. If this Benchmark product is used for commercial or rental purposes, this warranty does not apply.

16 GA PNEUMATIC FINISHING NAILER



*5-year limited warranty on tool

BENCHMARKTM_{MC}

BENCHMARK TOOLS CANADA

ST. JACOBS, ONTARIO N0B 2N0

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CUSTOMER SERVICE/TECH SUPPORT

1-866-349-8665

1282 207

Made in China



*This BenchmarkTM product carries a five (5) year LIMITED warranty against defects in workmanship and materials. The charger and batteries carry a three (3) year LIMITED warranty. See Owner's Manual for full details.

**READ ALL INSTRUCTIONS BEFORE FIRST USE.
KEEP THIS MANUAL FOR FUTURE REFERENCE.
KEEP AWAY FROM CHILDREN.**



**WEAR CSA APPROVED
EYE PROTECTION**



**WEAR EAR
PROTECTION**



**WEAR A
FACE MASK**