



Operation and Safety Guide

Portamatic Evolution – 18ga. Wood Flooring Cleat Nailer Model # 418A

Vendor Website: www.porta-nails.com

Support Phone No. 800-634-9281

WARNING

SAFETY TOPICS:



ALWAYS refer to the owners manual for complete safety and use instructions. A copy is included with the product or may be downloaded by visiting www.porta-nails.com



ALWAYS wear OSHA-required Z-87 safety glasses with side shields when using this or other pneumatic and or hand tools.



ALWAYS wear proper foot protection while the air hose is connected to the pneumatic tool.



ALWAYS wear proper ear protection while the air supply is connected to the pneumatic tool.



ALWAYS keep hands and body away from the nail ejection area as this may cause serious injury.

SAFETY CHECKLIST:

These proper safety guidelines should always be followed to work safely with the pneumatic nailer model 418A.

ALWAYS carry or manipulate the tool by its handle while the air supply hose is connected.

ALWAYS disconnect the air supply when the tool is not in use.

ALWAYS handle the tool with care. Never engage in horseplay.

ALWAYS make sure that the tool is properly oriented with the work surface.

DO NOT strike the head cap of the actuator if shoe base is not sitting perfectly on the work surface.

DO NOT service or attempt to repair the tool, clear obstructions or make adjustments while the air supply is connected.

Tool Application: Fastening Engineered and Solid Wood Flooring

Tool Operation: This tool is designed for fastening 3/8" – 3/4" tongue and groove flooring using 18ga flooring cleat nails. Operating air pressure is 70 - to 85psi – never exceed 100psi. The 418A is fitted with a fully adjustable shoe base designed to prevent contact with the top edge of the flooring. Because this tool can be used on varying flooring dimensions it is important to adjust the nailer to fit the flooring to be installed for proper nail placement prior to any installation. It is necessary to adjust the Shoe Base Q-033 for the flooring thickness and the Resting Block Q-034 for the flooring tongue. Follow these instructions for proper adjustment:

Adjusting the Shoe Base Q-033 for Flooring Thickness

Step	Action
1	Using the supplied Allen wrench, loosen but do not remove screws (A); one on each side of the tool.
2	With the tool in an upside down position, place a short piece of flooring against the gate/foot assembly (E).
3	Engage the Allen wrench in knob (B) as shown in (Fig. 1); rotate to move the shoe base up or down. Note that knob (B) has a rotation range of only 1/2 turn. Do not apply force when a limit is reached.
4	Adjust the height of the shoe base to obtain a small gap between the gate/foot assembly and the top side of the tongue of the sample board. A gap of 1/32", about half the thickness of the nail, should be adequate for most situations as shown in (Fig. 2).
5	Tighten both screws (A) to lock in position.

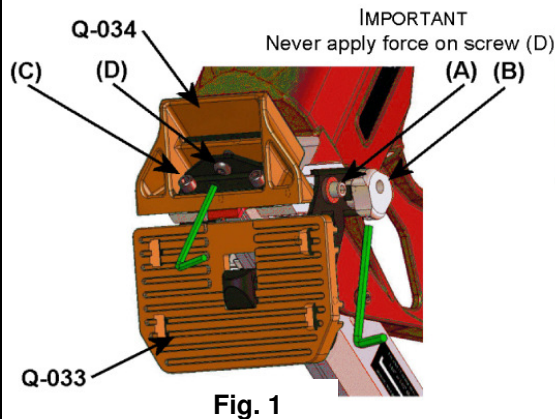


Fig. 1

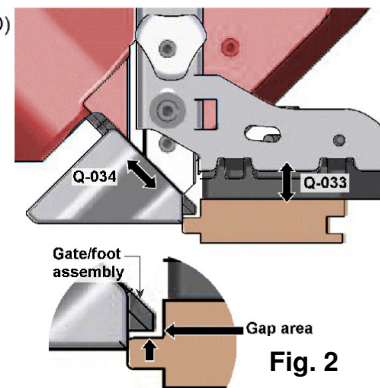


Fig. 2

Adjusting the Resting Block Q-034 for Width of the Tongue

Step	Action
1	Using the Allen wrench, loosen by about 1/2 turn – do not remove the two screws (C).
2	With the Short piece of flooring still against the gate/foot assembly, adjust the gap between the resting block Q-034 and the flooring tongue with screw (D). A small gap of 1/32", about half the thickness of the nail, should be adequate for most situations as shown in (Fig. 2).
3	Tighten both screws (C).
4	Ensure that screw (D) is slightly tightened. <u>Do not apply force on the screw once screw (C) is tightened.</u> After completing the adjustments procedure, proceed with the installation of a few boards. Carefully check for the proper placement of the nail.