



**MODEL
F2N1-200**

IMPORTANT

DO NOT DESTROY

It is the customer's responsibility to have all operators and service personnel read and understand this manual.

OPERATING MANUAL

PASLODE PNEUMATIC TOOL F2N1-200

The pneumatic flooring tool F2N1-200 is a professional precision tool specially developed for the installation standard 3/4" solid hardwood flooring. Weighing only 10.4 pounds (4.7 kg), this ergonomically designed tool makes the installation of hardwood floor very easy, allowing the operator to set and fasten the boards in the standing position. It features a 2-in-1 magazine allowing the use of either L-type 16GA cleats in lengths of 1½" (38 mm), 1¾" (44 mm) or 2" (50 mm) ; or ½" crown 15½GA staples in lengths of 1½" (38 mm), 1¾" (44 mm) or 2" (50 mm).

Read these instructions carefully before operating the tool. It is important to understand warnings/cautions and the safety measures to ensure safe use of the tool.

SAFETY MEASURES

These important guidelines should always be followed to work safely with the pneumatic tool model F2N1-200:

- Read these instructions thoroughly before using this tool and keep it handy for reference if necessary.
- Always keep hands, feet or other body parts away from the fastener ejection area.
- Never aim the tool in any direction other than the working area.
- Always carry or manipulate the tool by its handle while the air supply hose is connected.
- Never hit the head cap of the actuator if the plastic base is not sitting perfectly on the working surface.
- Never leave the tool laying down on its side while the air supply hose is connected; the tool should always be left on the floor, standing on its plastic base.
- Always disconnect the air supply hose when the tool is not in use or when moving to another work area.
- Never service or repair the tool, clear obstructions or make adjustments while the air supply hose is connected.
- Only compressed air should be used to power this tool; do not exceed 110 psi (7.6 bar).
- Never use oxygen or any other compressed gas as a power source for this tool. Explosion may occur.
- Always wear OSHA-required Z-87 safety glasses with side shields.
- Always wear proper ear and foot protection while the air supply hose is connected.
- Always remove fasteners from the magazine before servicing tool.

CONNECTION & AIR SUPPLY SYSTEM

To ensure maximum performance and efficiency, and also a minimum of care, this pneumatic tool requires clean, dry air. It is necessary to use a filter and a pressure regulator.

This tool needs a detachable male coupler with 3/8" NPT male threads. The use of a 3/8" (1 cm) diameter air supply hose is recommended. A smaller hose or a hose longer than 50' (15 m) could cause a pressure drop when the tool is activated repeatedly.



ALWAYS USE A FREE-FLOW CONNECTION FOR THE COMPRESSED AIR SUPPLY TO PREVENT THAT THE TOOL STAYS CHARGED AFTER DISCONNECTING THE AIR SUPPLY HOSE.



UNLOAD TOOL BEFORE CONNECTING AIR TO PREVENT ACCIDENTAL DISCHARGE.



AFTER MOVING TOOL TO A DIFFERENT WORK AREA, OR AFTER ANY MAINTENANCE TO THE TOOL, ALWAYS ENSURE PROPER OPERATION BY ACTUATING TOOL SEVERAL TIMES WITHOUT FASTENERS OVER THE SUBFLOORING.

Dirt, dust, and other particles in the air supply can cause sluggish operation or premature wear of many components of the tool. Drain water from the compressor tank regularly. The compressor start-stop limits should be set to deliver an air pressure of at least 100 psi (7 bar) at all time. Consult the compressor manual or dealer for instructions on how to make this adjustment.

At 80 psi (5.5 bar) and 40 hits per minute, this tool consumes approximately 1.9 cu.ft (50R) of air per minute at 70EF (21EC). Higher air pressure will increase the consumption of compressed air.

This tool is designed to be operated with a compressed air pressure of 80 to 100 psi (5.5-7.0 bar). An air pressure of 90 psi (6.2 bar) is adequate for most situations, although occasionally, a higher pressure could be necessary, for example to use the tool with different species of harder wood. Always use the tools at minimum operating pressure in order to avoid unnecessary high noise level. In these more difficult cases, the compressed air pressure can be increased up to 110 psi (7.0 bar). It is very important not to exceed this maximum pressure to prevent leaks, premature wear or damage to the tool.

Check the compressed air supply hose before connecting to ensure that they are free from dirt or particles that can alter the performance of the tool. Pay special attention to any air leaks. Do not use a compressed air pressure higher than 110 psi (7.6 bar). Higher pressure can cause premature wear or damage to certain components. After assembly, check all the connections to prevent the leaks and to have maximum efficiency.



TO PREVENT ACCIDENTAL DAMAGE TO THE FINISHED SURFACE OF THE INSTALLED FLOOR, REST THE TOOL ONTO THE SUBFLOORING WHEN CONNECTING AIR, LOADING TOOL OR PERFORMING ANY MAINTENANCE TO THE TOOL.

LOADING THE TOOL

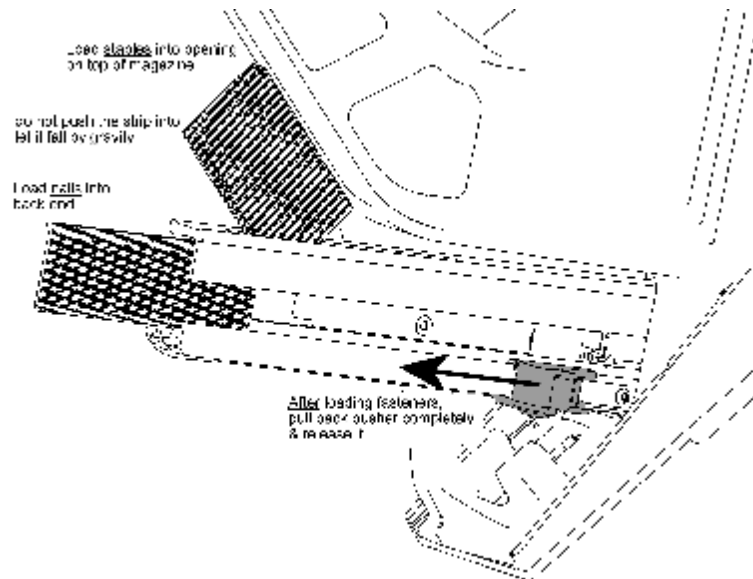
The F2N1-200 2-in-1 tool can be used with either standard 16GA flooring cleats or with 15½GA flooring staples .

Loading 16GA cleats:

- Use only standard 16GA L-type flooring cleats in lengths of 1½" (38 mm), 1¾" (44 mm) or 2" (50 mm) – do not use 18GA flooring cleats.
- Insert a row of flooring cleats into the back end of the magazine.
- Pull the slider back completely and release it until it engages behind the cleats.
- To remove cleats from the magazine, pull back completely and hold the slider and tilt the tool to slide out remaining cleats.

Loading flooring staples:

- Use standard 15½GA flooring staples (½" crown) in lengths of 1½" (38 mm), 1¾" (44 mm) or 2" (50 mm).
- Insert a row of flooring staples into the opening on top of the magazine.
- Pull back completely the slider and release it until it engages behind the staples.
- To remove staples from the magazine, pull back completely and hold the slider, tilt the tool to slide back remaining staples and take them out through the opening.



Important notes:

- It is not required to pull back the slider before inserting nails or staples into the magazine.
- Use only one type of fasteners (either nails or staples).
- Remove one strip of fasteners if the slider does not engage behind the fasteners (overfeed).
- To remove fasteners, pull back the slider completely and hold it, then slide out the fasteners.



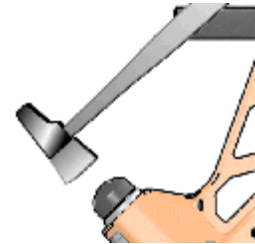
USE ONLY THE TYPE OF FASTENERS IDENTIFIED ON THE MAGAZINE. THE USE OF ANY OTHER TYPE OF FASTENERS WILL CAUSE JAMS OR DAMAGE THE TOOL.

OPERATION

Unload tool and rest it onto the subflooring, Connect the hose and cycle tool once or twice without fasteners.

Use only the 2.5 lbs (1.1 kg) hammer supplied with the tool. The use of other type of hammers may affect performance. The rubber face of the hammer can be used with care to help position the boards.

With the flooring firmly in place, position the tool onto the flooring and apply downward pressure to ensure proper seating of the fastener. Strike the head cap with the hammer to activate the tool, **Use only the RUBBER FACE of the hammer to activate the tool. Using the steel end will damage the tool and void the warranty.** If wood is slightly twisted, hitting the tool with more force will assist in pulling the board up snugly. **NEVER** strike the head cap when the tool is not sitting on the working surface.



Eye protection is recommended and should be worn by the operator and others in working area. Accidental ejection of fasteners or wood debris could cause severe eye injury.



In some environments, ear protection might be required, as working conditions may include exposure to high noise levels which lead to hearing damage.



Wearing safety boots and a safety hat is also highly recommended.



NOTE: All the personal protection equipment must meet national standards.



Be it raw, factory finished or engineered, hardwood is a natural material subject to various factors, such as humidity, subflooring, installation procedure, type of tools, fasteners, *etc.* Installer should always ensure optimal surface preparation, comply with all manufacturer's recommendations and conduct a pre-installation test prior beginning any installation.



BEFORE STARTING AN INSTALLATION, FASTEN DOWN FEW BOARDS TO ASCERTAIN THAT YOU ARE USING THE RIGHT FASTENER AND THAT THE TOOL IS PROPERLY ADJUSTED.

MAINTENANCE & REPAIR

This tool requires minimal lubrication. A few drops of oil weekly in the air inlet is sufficient.



Check periodically to make sure that all screws are tight. If screws are loosening up, the use of a medium strength adhesive sealant is recommended.

Disassembly of the tool must be done in a clean environment. Some parts can be easily damaged if disassembled with improper tools or by inadequate methods. Maintenance should only be performed by trained personnel. Use only genuine replacement parts.



TO PREVENT INJURY, ALWAYS DISCONNECT THE AIR SUPPLY HOSE WHEN SERVICING OR DISASSEMBLING THE TOOL.

When opening the tool for maintenance, always clean all components of dirt, grit, or particles. Inspect the tool carefully for broken parts or excessive wear, and replace if necessary. When ordering parts, be sure to specify the right part number, and also the tool serial number.



AFTER ANY MAINTENANCE TO THE TOOL, REMOVE ALL FASTENERS BEFORE CONNECTING AIR AND ACTUATE THE TOOL REPEATEDLY OVER A PIECE OF WOOD OR SUBFLOORING TO INSURE PROPER OPERATION.



AFTER REASSEMBLY, ALWAYS ACTUATE THE TOOL REPEATEDLY WITHOUT FASTENERS AGAINST A PIECE OF WOOD OR SUBFLOOR TO INSURE PROPER OPERATION.

TROUBLESHOOTING

This section will help to diagnose common problems and will give suggestions to solve them.



TO PREVENT INJURY, ALWAYS DISCONNECT THE AIR SUPPLY HOSE WHEN ADJUSTING, SERVICING OR DISASSEMBLING THE TOOL.

FIRST: CHECK THE COMPRESSED AIR SUPPLY

Many of problems come from a faulty or inadequate compressed air supply system. Before attempting to repair the tool, the following points should be checked:

- check the pressure at the output of the compressor; adjust to 80-100 psi (5.5-7.0 bar) as required
- check the tank pressure of the compressor & adjust the start/stop limits
- check the air delivery system; a 3/8" hose is recommended
- use fewer tools simultaneously; do not exceed the capacity of the compressor or of the delivery system
- drain water from the compressor

SECOND: CHECK FOR AIR LEAKS

At rest, this tool should not have any air leak. Before attempting to repair the tool and replace parts, check the following:

- Check rings and replace if necessary
- The top edge of main cylinder should be free of dents.
- Clean & lubricate the head assembly; re-assemble the head assembly carefully
- Check interior of head for scratches

TOOL DOES NOT DRIVE FASTENERS

- Check that there are fasteners in the feeder channel
- Make sure the feeder clip is engaged behind the fasteners
- Check the front end of the feeder channel for burrs or damages
- Check the safety mechanism
- Check if the driver is stuck in down position (see below)
- Check for obstruction in the fastener ejection area

FASTENERS ARE NOT SET COMPLETELY

- First, verify air supply
- Clean tool and lubricate tool; particularly the head assembly
- Increase air pressure when working with harder woods; do not exceed 110 psi (7.6 bar)
- Check the driving blade for broken end
- Check piston wear-ring P-622A; replace if piston is sliding too easily
- Check seal bushing P-525B
- Check the adjustment of the base and ensure the tool is well seated on the floor while ejecting

TOOL DOES NOT ACTIVATE

- Check the air supply
- Inspect the head assembly and check all seals; reassemble carefully

DRIVING BLADE DOES NOT RETURN

- Check for jammed fastener or obstruction
- Check gate/foot and end of feeder channel for damages or burrs.
- Check the driving blade
- Inspect the head assembly and check all seals; clean & lubricate.
- Check band-valve P-618A.
- Check that the bumper P-525A and seal bushing P-525B are in place.

BROKEN OR WORN DRIVING BLADE

Replace the driving blade. Failure to follow the instructions carefully will result in repeated breakage of the driving blade.

POOR FEED OR TOOL JAMMING

- Make sure the feeder clip engages behind the fasteners
- Check the gate/foot assembly for damages or wear
- Check the front end of the feeder channel for burrs or damages

REPLACEMENT PARTS

Part #	Description	Notes
P-043V	Valve assembly	
P-118	Cylinder	Includes o-rings & band-valve
P-145	Slider	Includes coil spring
P-206	Head	Includes o-ring Q-006A
P-235C	2-in-1 magazine	
P-237	Driving blade	
P-254	Handle grip	
P-316	Main body	
P-429	Foot	
P-433	Plastic base	
P-525A	Bumper	
P-525C	Seal bushing	
P-618A	Band-valve	
P-622	Piston	Includes wear ring
P-622A	Piston wear ring	
P-639B	Gate	
Q-001	Head cap	

ACCESSORIES

- P-080 Hammer
- H-082 Double-head hammer
- P-084 White rubber cap
- P-188 Base for 1/2" to 5/8" (13 to 17mm) floorings

- A-001 TrakEdge Adapter plates for 3/4" factory finished floorings.

The A-001 sets the tool at a perfect position and moves the nailer guide plates away from the delicate top edge. Its exclusive design features a spring loaded tapping block.



- A-800 Extension Handle

The A-800 extension handle allows to operate the tool at a higher or lower position. It provides a better tool control, improve ease and stability when sliding the tool sideways.



- A-870 Roller base

Designed for maximum comfort and speed. Bearing-mounted for precision left or right gliding without coming off the flooring board.



To order accessories contact
Paslode Customer Service
info@itwconstruction.ca
1-800-387-6472

TOOL WARRANTY AND LIMITATIONS

Paslode warrants that newly purchased power fastening tools, parts and accessories will be free from defects in material and workmanship (excluding wear parts) for the period shown below, after the date of delivery to the original user.

90-DAY LIMITED WARRANTY will apply to all parts, except those which are specifically covered by an extended warranty.

EXTENDED LIMITED WARRANTY FOR ON SITE CONSTRUCTION APPLICATIONS. A one year warranty will apply to all housing and cap assembly casings.

NORMAL WEARING PARTS. The following parts are considered normal wearing parts and are not under warranty:

- ∩ bumper
- ∩ driving blade
- ∩ o-rings & piston ring

WARRANTY STATEMENT

Paslode's sole liability hereunder will be to replace any part of accessory which proves to be defective within the specific time period. Any replacement part or accessories provided in accordance with this warranty will carry a warranty for the balance of the period of warranty applicable to the part it replaces.

This warranty is void as to any tool which has been subjected to misuse, abuse, accidental or intentional damage, used with fasteners not meeting Paslode specification, size or quality, improperly maintained, repaired with other than genuine Paslode replacement parts, damaged in transit or handling, or which, in Paslode's opinion, has been altered or repaired in a way that affects or detracts from the performance of the tool.

PASLODE MAKES NO WARRANTY, EXPRESSED OR IMPLIED, RELATING TO MERCHANTABILITY, FITNESS, OR OTHERWISE, EXCEPT AS STATED ABOVE, and Paslode's liability AS STATED ABOVE AND AS ASSUMED ABOVE is in lieu of all other warranties arising out of, or in connection with, the use and performance of the tool, except to the extent otherwise provided for by applicable law.

PASLODE SHALL IN NO EVENT BE LIABLE FOR ANY DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES WHICH MAY ARISE FROM LOSS OF ANTICIPATED PROFITS OR PRODUCTION, SPOILAGE OF MATERIALS, INCREASED COST OF OPERATION, OR OTHERWISE.

ITW Construction Products

120 Travail Road
Markham, ON L3S 3J1
info@itwconstruction.ca
www.itwconstruction.ca
tel: 800-387-6472
fax 888-236-4762

F2N1-200

