



MODEL
FNS-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 FNS-200

The pneumatic flooring tool FNS-200 is a tool specially developed for the installation standard 3/4" to 1/2" hardwood flooring. It has been designed for easy maintenance where major components can be easily accessed. It makes the installation of hardwood floor very easy, allowing the operator to set and fasten the boards in the standing position.

The FNS-200 nailer/stapler takes both standard L-type 16GA flooring nails and ½" crown 15½GA flooring staples.

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.

Technical support, information & schematics can be found at www.paslode.ca

SAFETY MEASURES

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

This tool requires clean & dry air. The use of a filter and a pressure regulator is recommended.

Use 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.

⚠ To prevent injury or accidental damage to the finished surface of the installed floor, rest the tool onto the subflooring when connecting air, moving tool to a different work area, loading the tool or performing any maintenance to the tool.

Dirt, dust, and other particles in the air supply can cause sluggish operation or premature wear. 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 times. Consult the compressor manual or dealer for instructions on how to make this adjustment.

This tool is designed to be operated with a compressed air pressure of 80 to 100 psi (5.5-7.0 bar). Air pressure of 90 psi (6.2 bar) is adequate for most situations, although occasionally, a higher pressure could be necessary. Never not use a compressed air pressure higher than 110 psi (7.6 bar).

PREVENTIVE MAINTENANCE

This tool requires minimal lubrication. Use only detergent-free oil such as the Paslode Pneumatic Lubricating Oil. Few drops of oil weekly in the air inlet is sufficient. Other types of lubricant may degrade the seals.



Check periodically to make sure that the head assembly is fully screwed onto the main body. A loosened head will damage the tool.

LOADING THE TOOL

This tool can be used with either standard 16ga flooring cleats or with 15½ga flooring staples:

- L-type 16GA nails in lengths of 1½" (38 mm), 1¾" (45 mm) or 2" (50 mm)
- ½" crown 15½GA staples in lengths of 1½" (38 mm), 1¾" (45 mm) or 2" (50 mm)

⚠ Use only the type of fasteners identified on the magazine. The use of any other type of fasteners will damage the tool.

Loading the tool with flooring staples:

- Press the lock and open the magazine cover.
- Insert one or two strips of flooring staples over the central guide of the magazine as illustrated below (left).
- Push the magazine cover forward into its locked position.

Loading the tool with L-type 16GA flooring nails:

- Press the lock and open the magazine cover.
- Place a strip of flooring cleats against the inner side of the magazine, the "L" head of the cleats engaging the groove as illustrated below (right). Small magnets will hold it in place.
- Push the magazine cover forward into its locked position.



Unloading cleats or staples

- To remove fastener from the magazine, press the lock and open the magazine cover
- Tilt the tool to slide back remaining fastener and take them out.

⚠ Always operate the tool with fasteners in magazine. Damage may occur if the tool is operated without fasteners.

OPERATION

Unload tool and rest it onto the subflooring, Connect the hose and cycle tool once or twice without fasteners. After loading the tool, the FNS-200 nailer/stapler is ready for use.

Use only the 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.



Before starting an installation, fasten down few boards to ascertain that the tool is properly adjusted. Always comply with all manufacturers recommendations.

MAINTENANCE & REPAIR

Most maintenance to the tool can be made with the 5 mm Allen wrench supplied with the tool.

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 Primatch replacement parts.



To prevent injury, ALWAYS disconnect the air supply hose when servicing or disassembling the tool.

When servicing the tool, do not twist or force any parts. Damage may result from such abuse. Contact your Primatch distributor for more information.

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, as well as 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.

DISASSEMBLING THE TOOL

All pneumatic components can be easily accessed with the use of an Allen key. This section describes how to disassemble the tool to access its internal components.

To access valve and piston assemblies:

- Remove the 4 screws and take off the head.
- Pull out the valve assembly. Inspect wear ring & lubricate. Do not attempt to disassemble the valve assembly.
- Pull out the piston assembly. Inspect wear ring and lubricate.

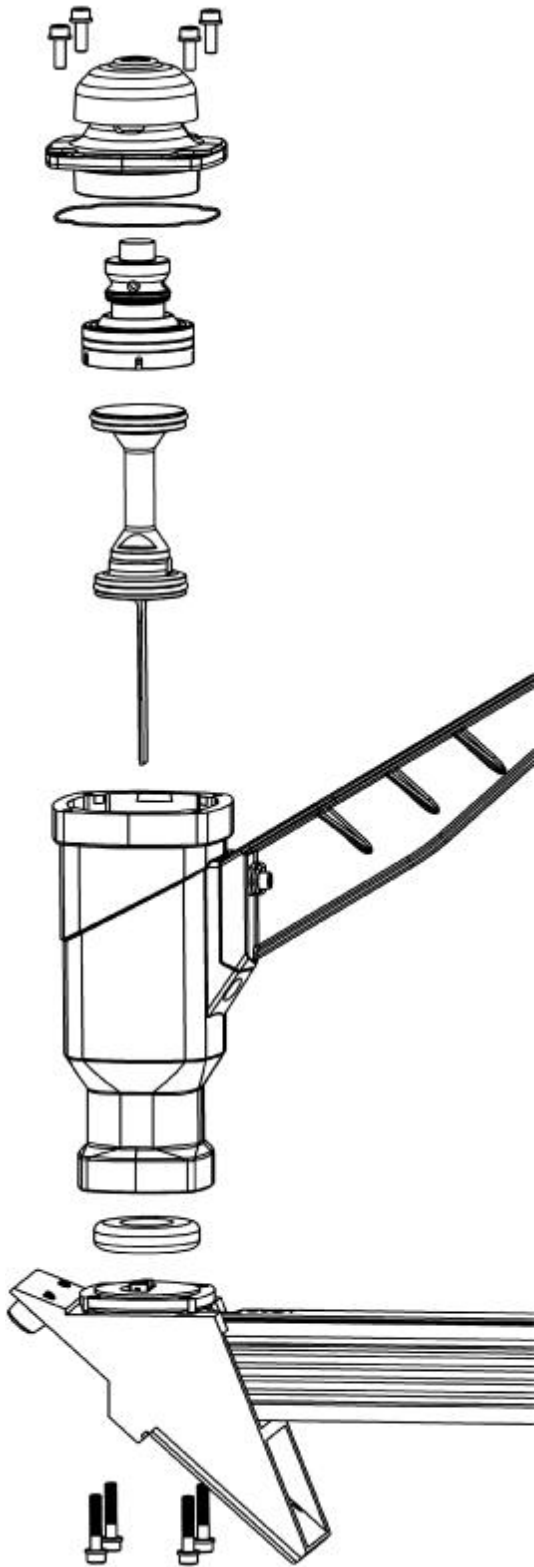
It is usually not necessary to pull-out the bumper for maintenance. To replace the bumper:

- Remove the 4 screws and take off the base/magazine assembly.
- Pull out and replace the bumper.

CLEANING THE VALVE

If the tool becomes sluggish or does not set the fastener correctly, it may indicate excessive dirt, dust, other particles, or even water, in the tool. The first step in troubleshooting is to clean up the head assembly.

- Disassemble the head assembly as described in previous section.
- Perform a visual inspection of the valve assembly. Ensure that the actuator is sliding easily. Clean and lubricate lightly. Do not attempt to take apart the actuator assembly.
- Clean the inside wall of the head and lubricate lightly with a non-detergent oil. Insert the valve assembly into the head and ensure that it is sliding easily.
- Ensure the piston assembly is sliding easily into the cylinder. It should offer some resistance, but if it moves too easily, it may be required to replace the piston wear-ring.



ASSEMBLING THE TOOL

This section describes how to re-assemble the tool after maintenance. The following procedure assumes that the base/magazine is already installed.

- Insert the piston assembly into the tool and engage the driving blade thru the opening of gate/foot assembly guiding channel.
- Insert the valve assembly into the head.
- Inspect the head gasket; replace if necessary. Place the gasket into the groove on the head flange. Some oil or grease will help to keep it in place during assembly.
- Insert the head assembly onto the body, making sure that the gasket stays in place. Screw in place.



After reassembly, always actuate the tool repeatedly **WITHOUT FASTENERS** against a piece of wood to insure proper operation.

TROUBLESHOOTING



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 leaks. Before attempting to repair the tool and replace parts, check the following:

- Check all seals in head, valve and piston assemblies; replace if necessary.
- Check the top edge of main cylinder for burrs or dents.
- Clean & lubricate the head and valve assemblies; re-assemble the head assembly carefully.
- Check the interior of the head for scratches.

SUPPORT

For more information or support, please contact our customer service support at:

info@itwconstruction.ca or
<https://paslode.ca/contact-us/>

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.

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