

WARNING


PRIMATECH FLOOR NAILER

Any piece of equipment can be dangerous if not operated properly. **YOU** are responsible for the safe operation of this equipment. The operator must carefully read and follow any warnings, safety signs and instructions provided with or located on the equipment. Do not remove, defeat, deface or render inoperable any of the safety devices or warnings on this equipment. If any safety devices or warnings have been removed, defeated, defaced or rendered inoperable, **DO NOT USE THIS EQUIPMENT!!!**

If the person receiving this handout will not be the user of the equipment, forward these instructions to the operator. If there is any doubt as to the operation or safety of the equipment.

DO NOT USE!!! CALL A TOOL SHED IMMEDIATELY!!!

FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN INJURY OR DEATH

 **WARNING:** This product can expose you to chemicals including naphthalene and benzene from petroleum products which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65warnings.ca.gov

These important guidelines should always be followed to work safely with the Primatch pneumatic tool Q550A:

- 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.
- Do not alter or remove safety.
- Always disconnect the air supply hose when the tool is not in use or when move 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.
- 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.


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 condition may include exposure to high noise levels which lead to hearing damage.

Wearing safety boots and safety hat is also highly recommended.

Note: All the personal protection equipments must meet national standards.



 Do not remove or alter safety. Do not use a tool with a defective safety. Never depress the safety contact with your hands when tool is connected to air supply. Extreme caution is advised when using this tool.

ADJUSTING FOR HARDWOOD THICKNESS:

The Q550A pneumatic tool is fitted with a fully adjustable plastic base designed to prevent contact with the top edge of the flooring. It is important to adjust the tool to fit the flooring prior any installation. It also features a resting block which prevent damage to the top edge of the flooring by positioning the tool against the tongue, preventing the gate/foot assembly from contacting the board.

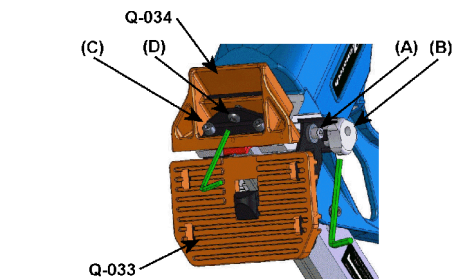
Step 1: adjusting the base for flooring thickness:


- Using the supplied Allen wrench, loosen but do not remove screws (A); two on each side of the tool.
- With the tool in an upside down position, place a short piece of flooring against the gate/foot assembly.
- Engage the Allen wrench in knob (B) as shown; rotate to move the base up or down. Note that knob (B) has a rotation range of only about 1/2 turn. Do not apply force when a limit is reached.
- Adjust the height of the plastic 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" should be adequate for most situations.
- Tighten both screws (A).

Step 2: adjusting the resting block for the width of the tongue:

- Using the Allen wrench, loosen by about 1/2 turn — do not remove the two screws (C).
- With the short piece of flooring still against the gate/foot assembly, adjust the gap between the resting block and the tongue with screw (D). A small gap of 1/32" should be adequate for most situations.
- Tighten both screws (C).
- Ensure that screw (D) is slightly tighten. Do not apply force on screw (D) once screws (C) are tighten.

After completing the adjustment procedure, proceed with the installation of few boards. Carefully check for the proper positioning of the fastener onto the board. Check again after few more rows to insure that all parts are secured in place. Tool may lose adjustment over time if this procedure is not strictly followed.



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

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" diameter air supply hose is recommended. A smaller hose or a hose longer than 50' 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 at all times. Consult the compressor manual or dealer for instructions on how to make this adjustment.

At 80 psi and 40 hits per minute, this tool consumes approximately 1.5 cu.ft of air per minute at 70°F. 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. Air pressure of 80 psi is adequate for most situations, although occasionally, a higher pressure could be necessary. Never not use a compressed air pressure higher than 100 psi.

PREVENTIVE MAINTENANCE

This tool requires minimal lubrication. Use only detergent-free oil such as Primatech P-090. 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 loosen head will damage the threads.

LOADING THE TOOL

- nailer Q550AL using standard L-type 18GA nails in lengths of 1¼", 1½" and 1¾"

To load the tool:

- Insert a strip of 18GA nails into the magazine.
- Pull back on the pusher until it engages behind the strip.
- To remove fasteners from the magazine, simply squeeze the pusher with your thumb and finger and allow the spring to recoil slowly



Only use the type of fasteners identified on the magazine. The use of any other type of fasteners will damage the tool

OPERATION

Unload the tool and rest it onto the subflooring. Connect the hose and cycle tool once or twice without fastener. After loading the tool, it 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, with the resting block against the tongue. 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. on.



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

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 cylinder 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.

A more comprehensive list of tips and hints at
<http://ts.primatech.ca/tips>



SCHEMATICS

With your tool Serial Number at hand, go to our support web site to retrieve the schematic specific to your tool:
<http://ts.primatech.ca/550>



For more information, contact technical support:
by phone 1 (800) 363-1962
by email support@primitech.ca



TOOL WARRANTY AND LIMITATIONS

Primatech warrants that newly purchased 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 purchase by the original user as evidenced by a valid purchase invoice.

ONE-YEAR LIMITED WARRANTY will apply to all parts, except those subjected to normal wear

SEVEN-YEAR EXTENDED LIMITED WARRANTY covers tool casing.

WARRANTY STATEMENT

Primatech's sole liability hereunder will be to replace any part or 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 remainder of the period of warranty applicable to the part it replaces. When repair or replacement of part or tool is required, the complete tool or part(s) must be returned to Primatech or at such authorized warranty service point of Primatech, transportation prepaid, with a copy of proof of purchase evidencing that the part or tool is within the warranty period. Serial # must be intact and legible for warranty to apply.

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

PRIMATECH MAKES NO WARRANTY, EXPRESSED OR IMPLIED, RELATING TO MERCHANTABILITY, FITNESS, OR OTHERWISE, EXCEPT AS STATED ABOVE, and Primatech'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.

PRIMATECH 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. Any liability, if any, connected with the use of the tool shall terminate upon the expiration of the warranty period specified above.