

TROUBLESHOOTING PRIMPACK PNEUMATIC NAILERS/STAPLERS

This technical note will help to diagnose common problems and will give suggestions to solve them. Consult our on-line Technical Support site at www.primatech.ca/support for updated documents and more tips.



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 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

TOOL DOES NOT DRIVE FASTENERS

- Check for fasteners in the feeder channel
- Check that the proper type of fasteners is used; 16GA & 18GA nails are not interchangeable
- 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

HEAD ASSEMBLY LOOSENS UP DURING OPERATION

Remove the head assembly and insure that the cylinder is fully screwed onto it. Re-insert the head assembly in place and insure that it is fully screw in place using moderate effort. Lock in place with the head lock. Check regularly that the head is always fully screwed.

FASTENERS ARE NOT SET COMPLETELY

- First, check air supply (see 1 above)
- Clean 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; replace if piston is sliding too easily
- Check seal bushing
- Check the adjustment of the base and ensure the tool is well seated on the floor while ejecting

TOOL DOES NOT ACTIVATE

- Check 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 on cylinder
- Check that the bumper and seal bushing are in place; severe damages will occur if missing

BROKEN OR WORN DRIVING BLADE

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

OTHER PROBLEMS

Contact technical support
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by email

support@primitech.ca

consult our on-line Technical Support site at

<http://www.primitech.ca/support>