

TRECODER SPOT GUN REPAIR / MAINTENANCE

If a Spot Gun does not function properly, the following list of items should be checked:

SYMPTOM

CAUSE / REMEDY

1.) Poor spray pattern:

Nozzle may be partially or completely blocked.
Remove and flush with Treccoder Gun Cleaner, carefully push a small pin through orifice if inspection shows that it is still blocked.

2.) No prime:

Ball valve and spring may be missing or assembled wrong.
If Spot Gun was previously disassembled, and these parts were not put back, the gun will not work. Be careful to put ball valve in first, and put spring in with small end against ball.

Footvalve may be stuck closed or open.
Remove valve assembly and flush with Treccoder Gun Cleaner. Be careful not to lose ball valve or spring. See below for reassembly.

Footvalve assembly may have been screwed on too tight.
Remove valve assembly and flush with Gun Cleaner. Reassemble after wrapping suction tube threads with teflon pipe tape. Ball valve should be lightly seated when Spot Gun is inverted. The ball valve should flutter when pumping air in upright position.

3.) Low pressure discharge:

Cylinder and/or piston ring may be worn.
Disassemble handles, disconnect discharge and suction tubes (be careful not to lose ball valve or spring). Inspect piston for obvious signs of wear: scratches, lip at top of piston stroke, or egg shape cylinder cavity. Inspect piston ring for nicks. Replace either or both as necessary. A further check on cylinder cavity size, is to test resistance of piston to movement when inserted equipped with new o-ring. Always moisten o-ring with new motor oil and insert carefully so as not to nick it on threads or discharge hole. If excessive looseness is observed, replace cylinder. Reassemble carefully, returning ball valve and spring correctly before screwing in discharge tube. Do not over tighten discharge tube, suction tube or trigger screws.

4.) Leakage around piston rod or discharge tube hole in handle:

Piston rod seal (5/16" o-ring) and or piston itself is worn.
Inspect both and replace as necessary.

5.) Leakage between handle sides, or through container gasket back into container:

Cylinder and/or piston ring may be worn.
See #3.

FORESTRY PRODUCTS DIVISION