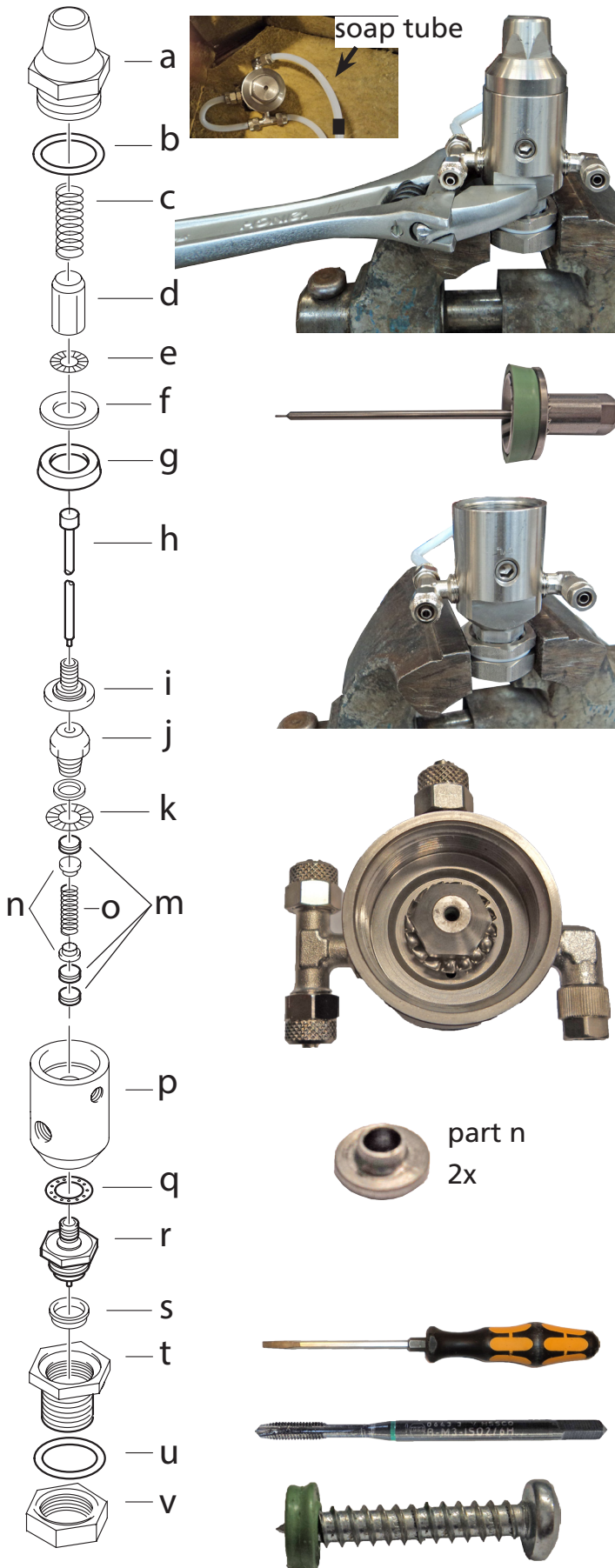


## SERVICE KIT 9191292S, REVISION OF SOAP MISTER



Contents: parts b, g, m(3x), q, u and a sheet metal tool.

Open the top of the unit and disconnect the 2 hoses from the soap mister.

*The soap tube is marked with black tape.*

Open the door and unscrew the mounting nut (v). (32mm wrench).

Take out the soap mister.

The use of a vice is advised to make the job easy, but it is not necessary. The description below is with the use of a vice.

- Put the mounting nut back on the mister.
- Clamp the mister with the mounting nut (v) in the vice.
- Unscrew the cap (a) while holding the body (p) of the mister with a 28mm wrench (on the 2 flat surfaces as shown).

*Note that the cap is spring loaded.*

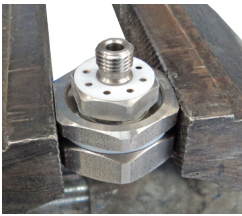
- Remove the cap with o-ring (b) and the spring (c).
- Pull out the plunger with the needle.
- Unscrew the o-ring cap (j).

*Note that it will be spring loaded.*

*Note 2: Small collar bushes (n) might fall out.*

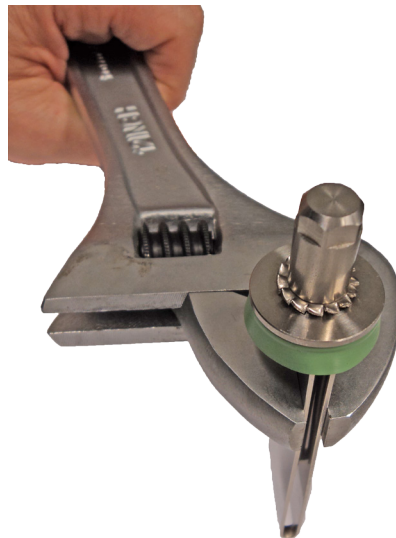
*Note 3: Sometimes an extra spacer is mounted between j and k.*

- Take out the spring (o).
- Take the metal collar bushes (n) out of the o-ring cap (j) and also out of the soap mister body (p).
- Take out the o-ring (m) from the o-ring cap.
- Take out 2 o-rings from the soap mister body (p).



*Note that the o-rings might be deteriorated, hardened or completely disappeared. With a small (slotted) screwdriver, it is possible to break the o-rings in pieces in order to take them out. Some times, a self tapping screw (or small (M3) tap) can be used to pull out the o-rings.*

Tool  
9194913



- Unscrew the soap mister body (p) from the nozzle (r)
- Take away the ptfe gasket (q)
- Unscrew the nozzle (r) from the holder (t)
- Take out the air spout (s).
- Take the holder and mounting nut (t-v) out of the vice.

### Disassembling the plunger and needle.

- Bend the delivered plate double as shown in order to make it a tool.
- Put the the plunger with needle on the tool.
- Put the assembly in the vice as shown. Clamp the vice untill the plates of the tool touch the needle. Do not put much force on it to prevent the needle from damaging. (in case no vice is available, a big adjustable wrench could be used, see picture).
- Unscrew the capnut (d)
- Take the lock washer (e), the big washer (f) and the cuff from the plunger (i).
- Pull the needle (h) out of the plunger (i).

*Note 1: The needle will be sealed with thread sealant to prevent air leakage on that point.*

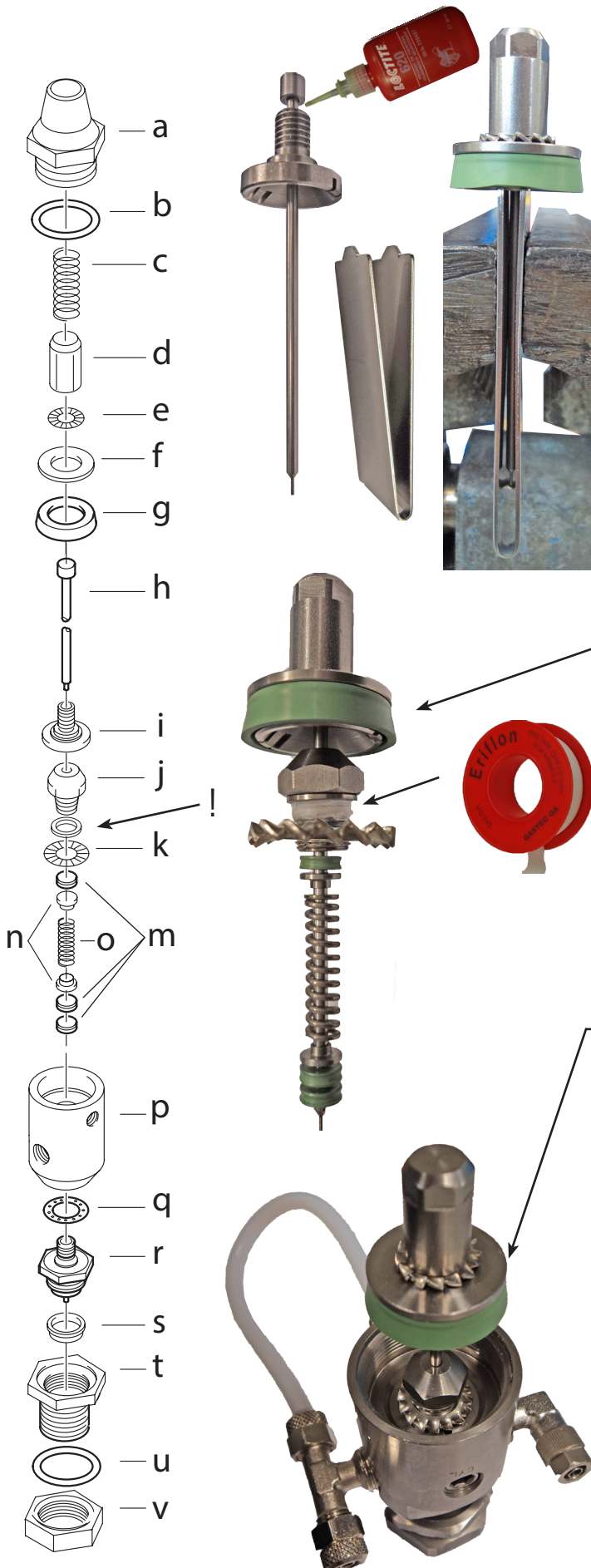
*Some force might be necessary.*

*Note 2: In case the needle does not need to be replaced and the sealant is still ok, you can leave the needle in the plunger (i)*

- Clean all metal parts!
- Often, just water is enough.

### Necessary tools.

- 10 mm wrench for part d and the soap tube connector.
- 12 mm wrench (air tube connector.)
- 13 mm wrench for the o-ring cap (j)
- 21 mm wrench for the cap (a)
- 28 mm wrench for the body (p)
- 32 mm wrench for the holder and nut (t-u)
- Small slotted screwdriver to break hardened o-rings.
- M3 tap or 3mm selftapping screw to pull o-rings



## Assembling the needle with the plunger.

Basically this is in reverse order of disassembly.

- Thread sealant needs to be applied as shown to make the assembly air-tight.
- Now place the cuff (g), the washer (f), the lock-washer (e) and the capnut (d).
- Bend and place the tool in the slots of the plunger (i) and clamp the assembly in the vice.
- Tighten the capnut (d). The needle should not have slack anymore.

## Mounting the needle into the body (p).

- Apply some ptfе tape on the o-ring cap (j).
- Apply some lubricant on the needle and make an assembly of the parts d through m as shown.

*Note that under the head of the o-ring cap (j), sometimes an extra spacer might have been applied (between j and k). Reuse that if applicable.*

- Place the assembly in the body.
- Push the o-ring cap (j) down and turn until the thread catches.
- Tighten the o-ring cap (j).
- Assemble the rest of the soap mister.

## Mount the soap mister back into the unit.

*Note 1: In case a new ptfе o-ring (u) is used, the nut (v) needs to be re-tightened after the unit has been heated up!*

*Note2: the single connection is for the soap, marked with "liquid".*

*The soap tube is marked with black tape.*