

SUTTNER
A M E R I C A C O M P A N Y

ST-457 Turbo Nozzle

Manual



SPECIFICATIONS

PRESSURE, MAX	-----	6000 PSI
TEMPERATURE, MAX	-----	212° F
INLET	-----	1/4" FNPT
WEIGHT	-----	1.48 LBS

Replacing Rotor Nozzle and Seat

Disassembly

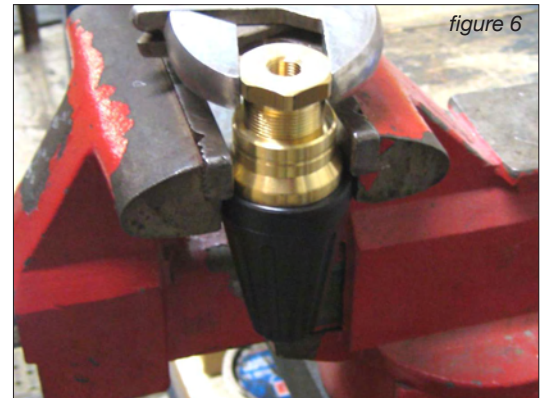


1. Place turbo nozzle in vise with outlet end pointing down as shown. (figure 1)
Do Not Remove Protective Cap.
2. Nozzle should be secured in vise between tapered brass edge and protective cap. (smooth brass directly above protective cap)
3. Remove brass inlet with adjustable wrench or impact wrench. Assure inlet water ports are clean and clear.

4. Remove brass housing from vise and dump out old rotor nozzle. (figure 2)

5. Press out old ceramic seat and seat shroud using a punch and hammer. (figure 3)

Re-assembly



6. Install new seat assembly (o-ring end nearest discharge) assuring the assembly is fully seated.

7. Press in NEW ceramic seat and seat shroud using a punch and hammer. (figure 5)

7. Secure brass housing back in vise and place new rotor nozzle in housing.
8. Repeat steps 1 and 2 when securing brass inlet onto housing.

Same process for:
ST-357, ST-456, ST-458 & ST-558 Turbo Nozzles