

GAST Sound Shield Installation Guide

Pressure Applications for Kits SSP-87R6-01 and -02

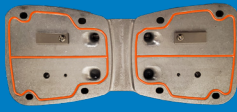
Congratulations on the purchase of your new rocking piston head assembly with SOUND SHIELD technology. These parts are intended for use in all 87R twin head pressure-only applications.



INCLUDED IN THE KIT

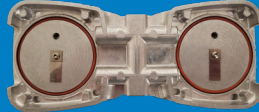


(2) Attenuation Chambers with Internal Silencer



Top

(1) Valve Plate with (2) Custom O-rings for Top Surface and (2) Circular O-rings Bottom Surface



Bottom



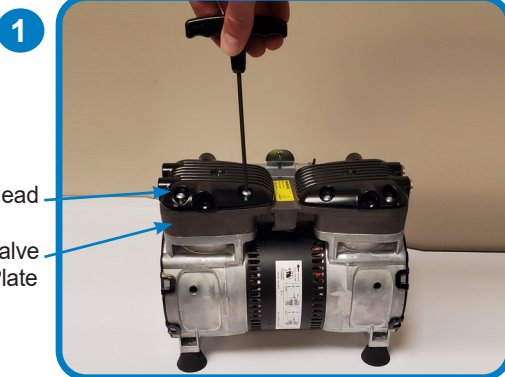
(8) Screws (10-32)



(6) Port Plug

RECOMMENDED TOOLS

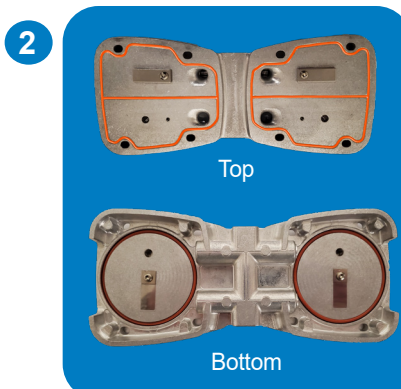
- T25 TORX BIT DRIVER
- 1/4" ALLEN WRENCH
- TORQUE WRENCH
- FLATHEAD SCREWDRIVER



Head
Valve Plate

1 Unfasten all (8) existing 10-32 Torx button head screws. Remove and discard the original two black heads, valve plate, respective O-rings and screws.

Do **NOT** displace the cylinders below the valve plate. Keep secured in body and rod.

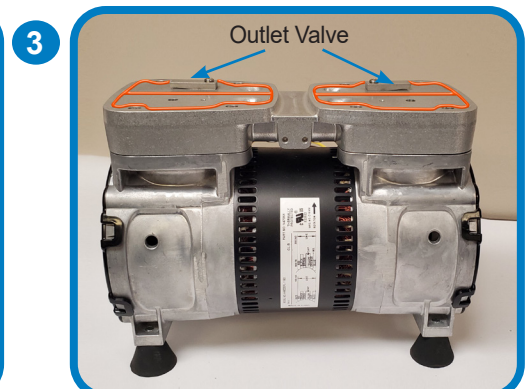


Top

Bottom

2 Place two orange circular O-rings into the grooves on the bottom side of the valve plate.

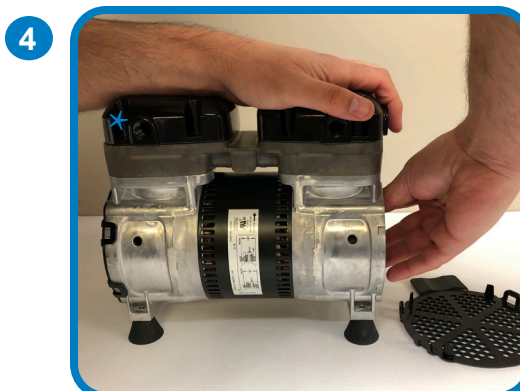
Place two orange custom O-rings into the groove on the top surface of the valve plate.



Outlet Valve

3 Place the new valve plate, with O-rings attached, directly onto the two cylinders and pump body.

The valve plate bottom surfaces should lie flat with the body surface.

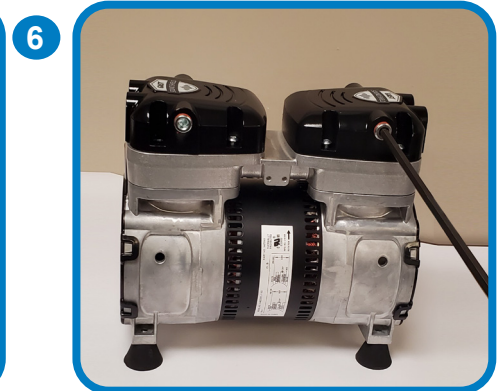


4 *Verify internal silencer in the attenuation chamber is not on the outlet valve side. Place both attenuation chambers directly onto the top surface of the valve plate.

Carefully remove the fan guard with a screwdriver. With your arm, hold down the valve plate and attenuation chambers while rotating the fan to center the components with the rods.



5 With the valve plate and both attenuation chamber outer profiles aligned, install the (8) 10-32 Torx screws (torque to 50 in-lbs.) in a star pattern.



6 Rotate the fan again to ensure the compressor rotates freely. Replace the fan guard.

Ensure any other ports that are not being used have port plugs securely fastened in-place (torque to 50 in-lbs.). Installation is complete. Power on the unit and begin hearing the benefits of Sound Shield.