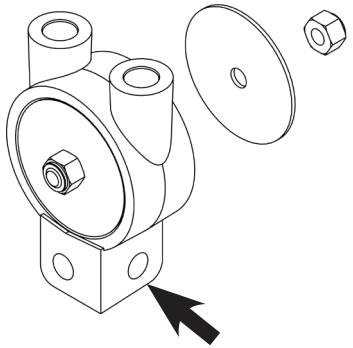
VIBCO REPAIR KIT INSTRUCTIONS for BBS Series Turbine

WARNING: Failure to read and follow repair kit/replacement instructions and safety precautions could result in personal injury, equipment damage, shortened service life or unsatisfactory equipment performance. All information in this document is vital to the proper repair and operation of the equipment. It is important that all personnel who will be coming in contact with this product thoroughly read and understand these instructions.

CORRECT COVER REMOVAL



A) Check flange mount position (see picture) to remove correct nylon lock nut. This is the ONLY nut that should be removed.

B) Remove end cover from shaft.

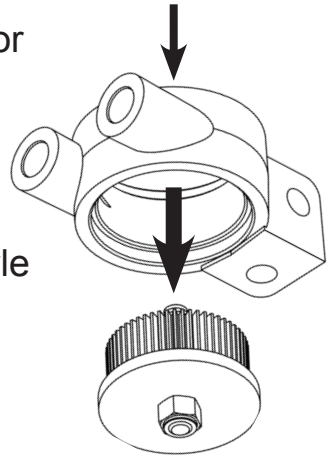
NOTE: If shaft is broken proceed to Step #2.

1

PRESS OUT OLD/BROKEN ASSEMBLY

A) Lay unit down. Allow room for the round cover to dislodge itself from the housing.

B) Slowly press out old shaft assembly using an arbor style press*. Be careful not to damage threads.

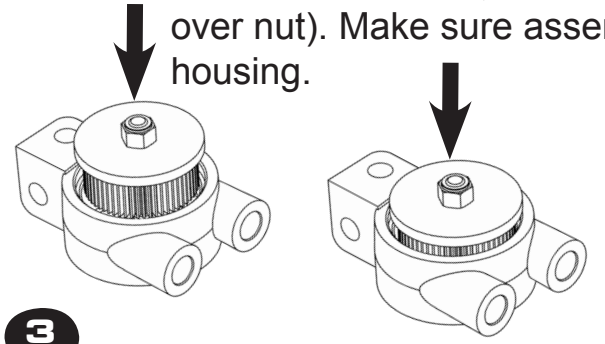


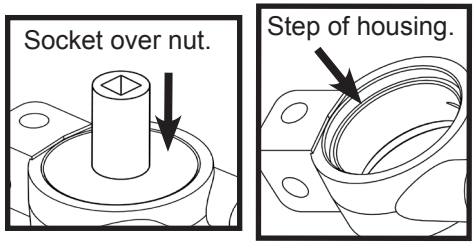
2

*** AN ARBOR STYLE PRESS IS RECOMMENDED. IF NOT AVAILABLE USE A MINIMUM 5lb. SOFT FACE MALLET. ***

PRESS IN NEW ASSEMBLY

A) Slowly press in new assembly using arbor style press*. Press on the cover, ***NOT*** the nut/shaft (use a socket over nut). Make sure assembly is seated in step of housing.

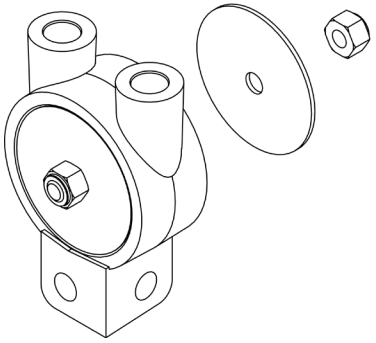




3

REPLACE COVER & NUT

A) Replace cover over shaft. Apply lock tight to threads. Tighten nylon lock nut to seal unit.



4

REV290-08

Always check welds and bin where unit is mounted for cracks or signs of stress before remounting. Also, check psi on regulator to ensure it does not exceed 80psi.

QUESTIONS OR CONCERNS? CALL VIBCO 24/7 800.633.0032

AIR SUPPLY SPECIFICATIONS AND ACCESSORIES

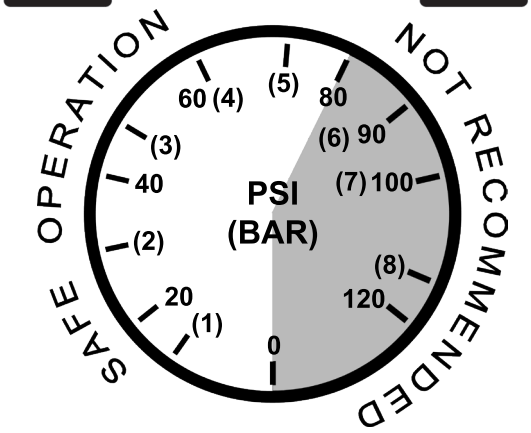
ALL PARTS & ACCESSORIES AVAILABLE FROM VIBCO

TO DETERMINE CORRECT AIR HOSE SIZE**

TURBINE MODEL NUMBER	MIN AIR HOSE DIA	MIN FR* THREAD	CFM
100 - 130	1/8”	1/4” NPT	4 - 6
160 - 190	1/4”	1/4” NPT	7 - 10

*F=filter R=regulator
** these specs for installation of single unit
for multiple units, adjusts to maintain CFM

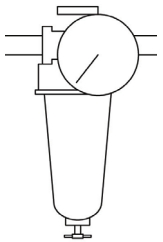
CHECK AIR PRESSURE GAUGES REGULARLY!



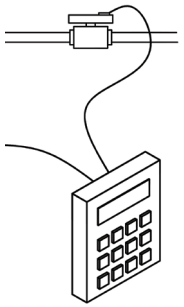
MAXIMUM AIR PRESSURE SHOULD NOT EXCEED 80 PSI.

VIBCO ENGINEERS RECOMMEND

Use of an air/ filter regulator to provides consistent, clean air.



Use of a solenoid valve and timer is a great solution for intermittent vibration.



TROUBLE SHOOTING

The Vibrator Won’t Start!

1. Check for dirt in airline OR inlet opening.
2. Check for dirt or debris clogging exhaust muffler.
3. Check the size of your air line. Is it large enough to give correct cubic feet per minute (CFM) and correct air pressure (minimum required = 20 PSI)?
4. Check to see if the air line is connected to the correct port.

NOTE: Bearings may require a short “break-in” period to run at optimum VPM.

VIBCO® SILENT
We’re The Vibrator Guys.™

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VIBCO 24/7 Technical Support Line at 800.633.0032