

VIBCO REPAIR KIT INSTRUCTIONS for CC Series Turbine Vibrators



WARNING: Failure to read and follow these installation 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 installation and operation of the equipment. It is important that all personnel who will be coming in contact with this product thoroughly read and understand this manual.

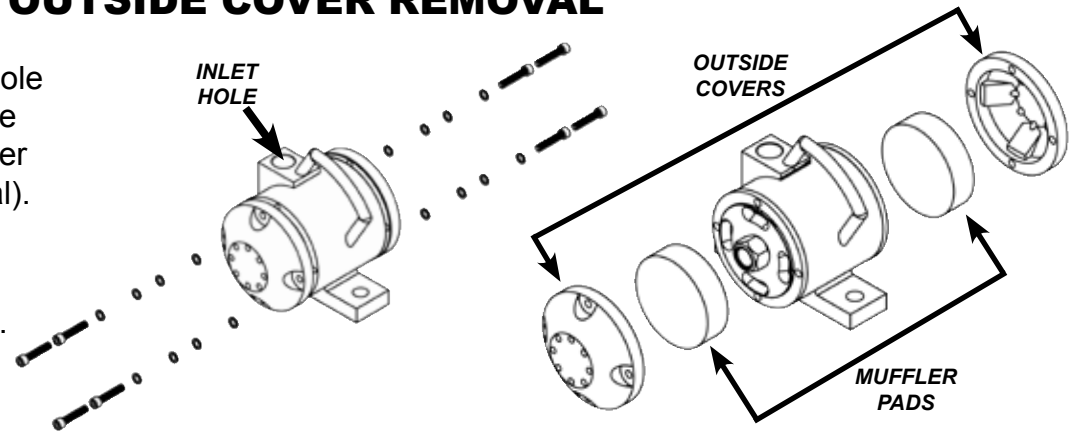
TOOLS NEEDED

1. Arbor style press or 5 lb. soft face mallet
2. Socket or wrench (1-5/16") or (15/16")
3. Allen wrench (1/4")
4. Blue Loctite (or similar thread locking compound)

START →

1 BOLT & OUTSIDE COVER REMOVAL

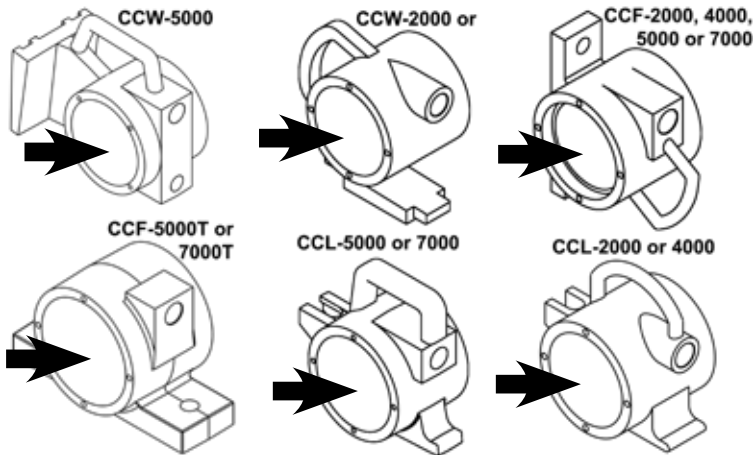
- A) Position inlet hole on left. Remove all bolt & washer combos (8 total).
- B) Remove both outside covers. Remove both inside muffler pads.



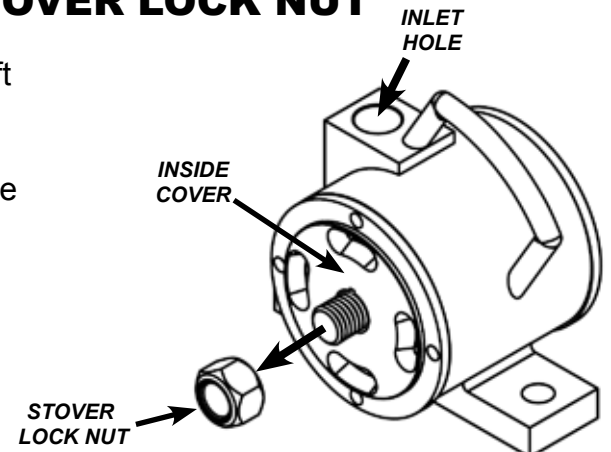
ADDITIONAL PARTS, MANUALS & TECHNICAL INFORMATION AVAILABLE ONLINE www.vibco.com

2 DETERMINE DISASSEMBLY SIDE OF HOUSING & REMOVE STOVER LOCK NUT

- A) Determine housing style based on model number. This will determine which side you need to remove.



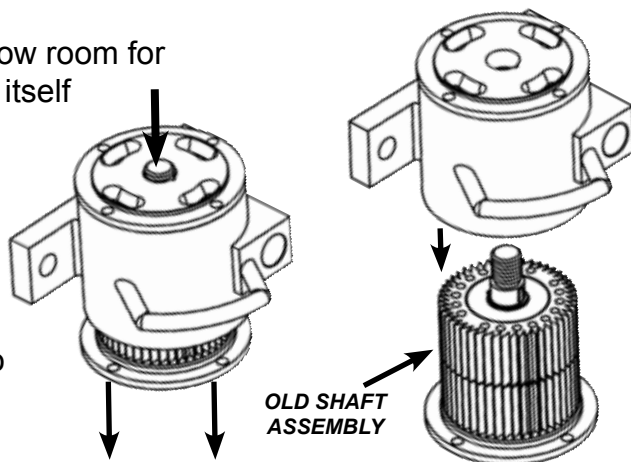
- B) With inlet hole on left remove stover lock nut from shaft. This is the **ONLY** nut to be removed.
- C) Leave inside cover on until assembly is pressed out.



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

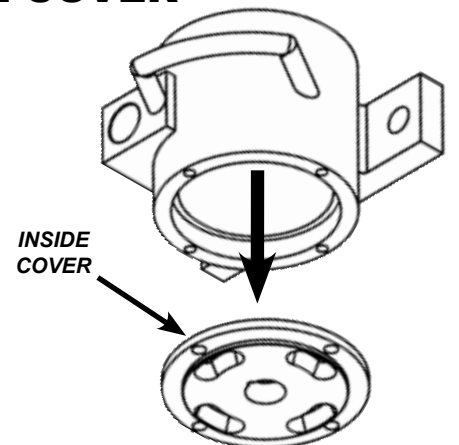
3 PRESS OUT OLD ASSEMBLY

- A) Position unit on end. Allow room for round cover to dislodge itself from housing.
- B) Slowly press out old shaft assembly pushing on end of bolt using an arbor style press*. Be careful not to damage threads.



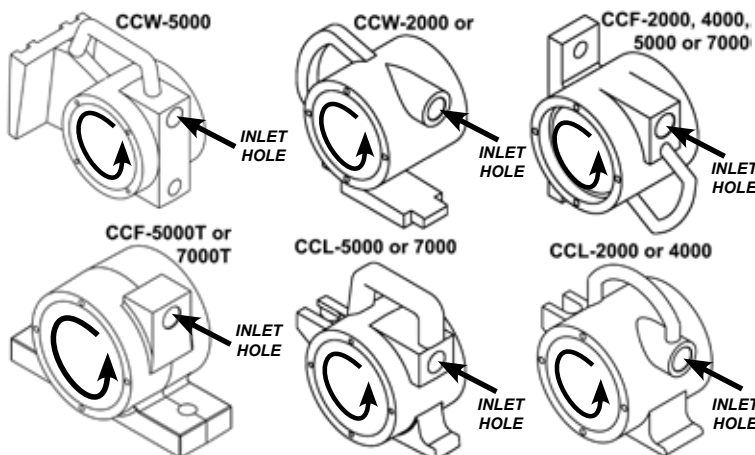
4 REMOVE INSIDE COVER

- A) Reposition unit on opposite end. Allow room for cover to dislodge itself from housing.
- B) Slowly press out inside cover. **DO NOT DISCARD!** You will reuse this cover.



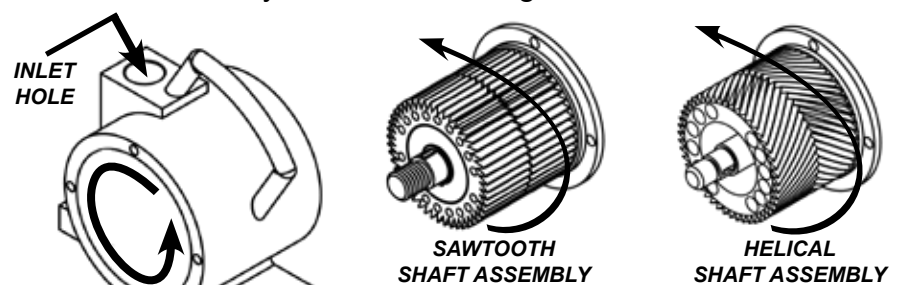
5 DETERMINE AIR FLOW DIRECTION & ALIGN ASSEMBLY SHAFT

- A) Determine housing style based on model number. Airflow direction is shown at right for each.



Arrow indicates direction of air flow.

- B) Locate inlet hole on housing. Align teeth of new shaft assembly to catch incoming air flow.

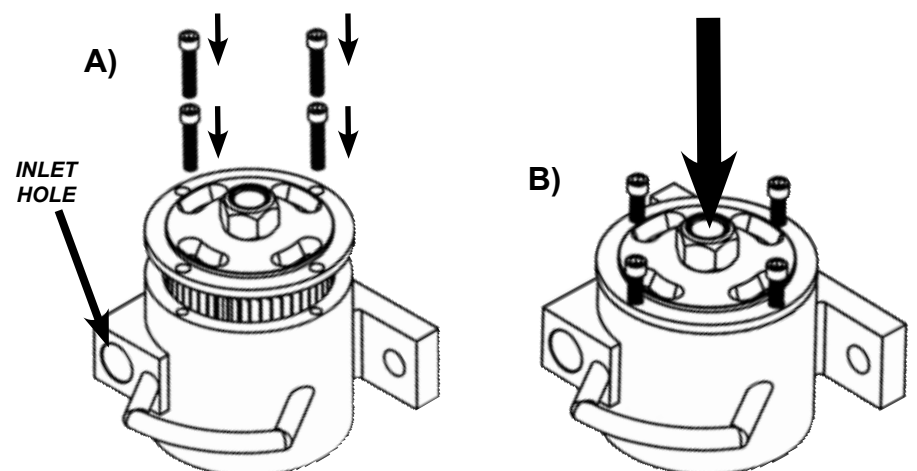
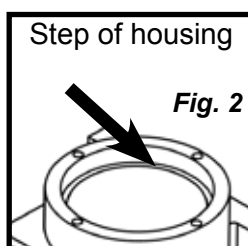
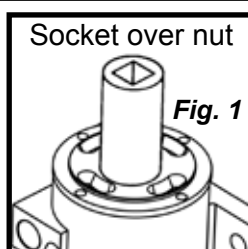


NOTE: If assembly is pressed into wrong side, unit will not run at full speed.

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6 PRESS IN NEW ASSEMBLY

- A) Lie unit down keeping inlet hole on left. Set assembly in housing & partially screw in all 4 bolts before pressing. This will keep bolt holes aligned while pressing.
- B) Slowly press in new assembly using an arbor style press*. Press on the cover **NOT** the nut/shaft using a socket over nut (Fig. 1). Make sure assembly is seated in step of housing (Fig. 2). **Remove all 4 bolts.**



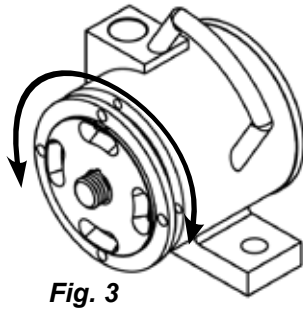
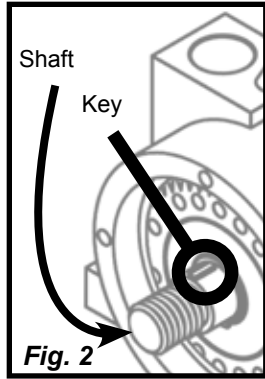
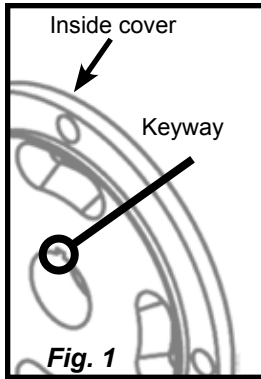
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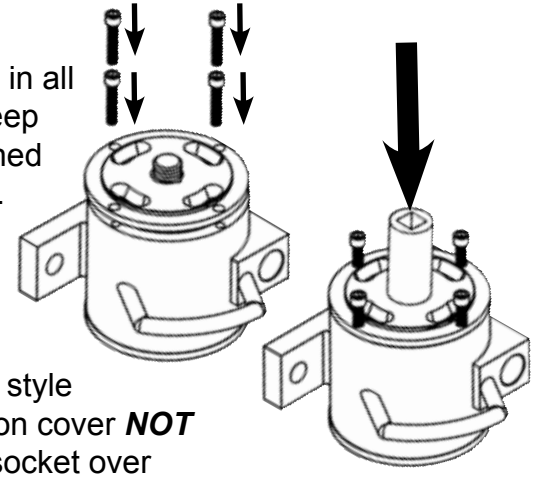
7 REPLACE INSIDE COVER

A) Line up keyway which is located on inside cover (Fig. 1). **MUST LINE UP WITH KEY IN SHAFT** (Fig. 2).



B) Once key is in keyway, line up bolt holes by spinning inside cover (Fig. 3).

C) Lie unit down. Partially screw in all four bolts to keep bolt holes aligned while pressing.

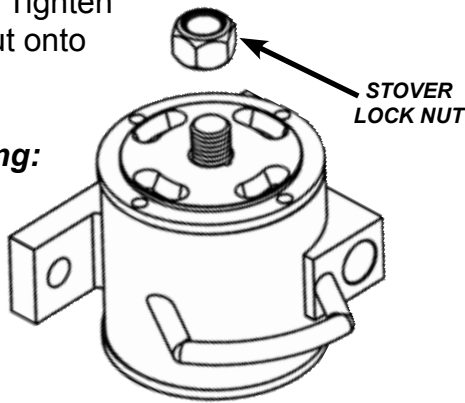


D) Slowly press cover in step of housing using an arbor style press*. Press on cover **NOT** on shaft (use socket over shaft). **Remove all four bolts.**

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8 REPLACE STOVER LOCK NUT

A) Flip unit over. Tighten stover lock nut onto shaft.

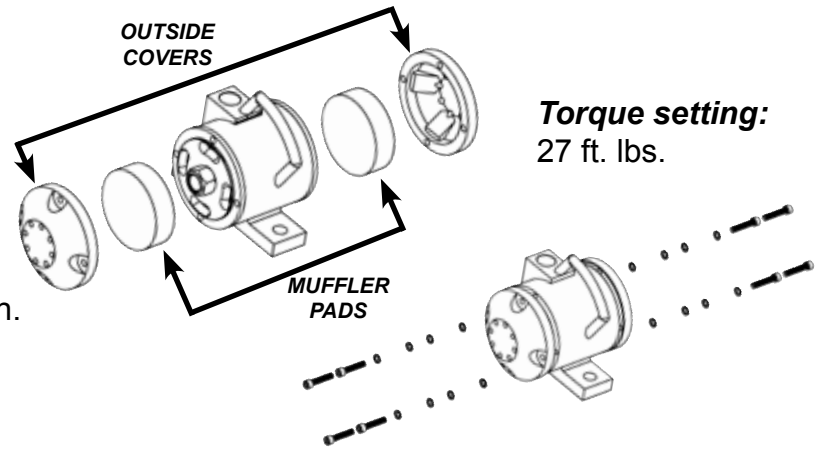


Torque setting:
90-110 ft. lbs.

9 REPLACE COVER, PADS & BOLTS

A) Replace both muffler pads & outside covers over shafts.

B) Apply lock tight 242 (blue) or equal to all bolt & washer combos (8 total) & tighten down.



Torque setting:
27 ft. lbs.

YOU CAN FIND ADDITIONAL DETAILS & INSTRUCTIONS ONLINE AT www.vibco.com

Warranty

All warranty claims must be submitted to VIBCO for approval prior to any repairs being done. Failure to do so will void any and all warranty coverage. All repairs will be done at the VIBCO factory.

Errors, Shortages & Complaints

Complaints concerning goods received or errors should be made at once. Claims must be made within five days after receipt of goods. Clerical errors are subject to correction. Damage during shipping must be reported to the carrier, not VIBCO.

Returning Parts

Parts should not be returned to VIBCO without prior authorization. Call VIBCO's customer service department at 800-633-0032 (800-465-9709 in Canada) for a Return Goods Authorization (RGA) number. A return authorization will be emailed or faxed to you. Use this as your packing slip. Return shipping must be prepaid. Material returned may be subject to a 10% restocking fee. All returned shipments should clearly display your name, address and original invoice number to ensure proper credit.

Orders for custom equipment built to customer's specifications are not returnable.

ADDITIONAL DETAILS AVAILABLE ONLINE AT www.vibco.com

Product Changes

VIBCO reserves the right to make changes in pattern, design or materials when deemed necessary, without prior notice or obligation to make corresponding changes in previous models. To be sure of exact mounting dimensions, it is recommended that you obtain a certified dimensional drawing from the factory.

Ordering Spare Parts

Parts can be ordered through authorized distributors or from VIBCO's Spare Parts Department. The following data should be provided when placing your spare parts order:

- | | |
|------------------------|---|
| From foot of housing: | Model of unit. |
| From spare parts list: | Reference number, part number, description and quantity required. |
| Shipping instructions: | Specify shipping point and method of shipping. |

For custom mounting applications or any other questions:

800-633-0032



or



vibrators@vibco.com