

Vacuum Upgrade Kit [G3 to G5 002-1457-00, G5 to G7 002-1458-00, G3 to G7 002-1459-00]

Applies to Models:

G3 (all), G5 (all), G7 (all)

Special Tools:

none

Language of origin: English

Step 1: Remove cover, belt, motor pulley.

- Disconnect power at on/off switch and main power supply box.
- Remove front cover. Turn bottom fasteners 1/4 turn counter clockwise. Lift front cover straight up to free plastic cones from holes in side panels.
- Measure end of shaft to face of top pulley. Write dimension down.
- Slightly push tension arm up toward the pulley and remove belt.
- Unscrew mounting bolts from hub and insert them into threaded removal holes on hub.
- Alternately tighten bolts to separate pulley from hub, remove from motor shaft.



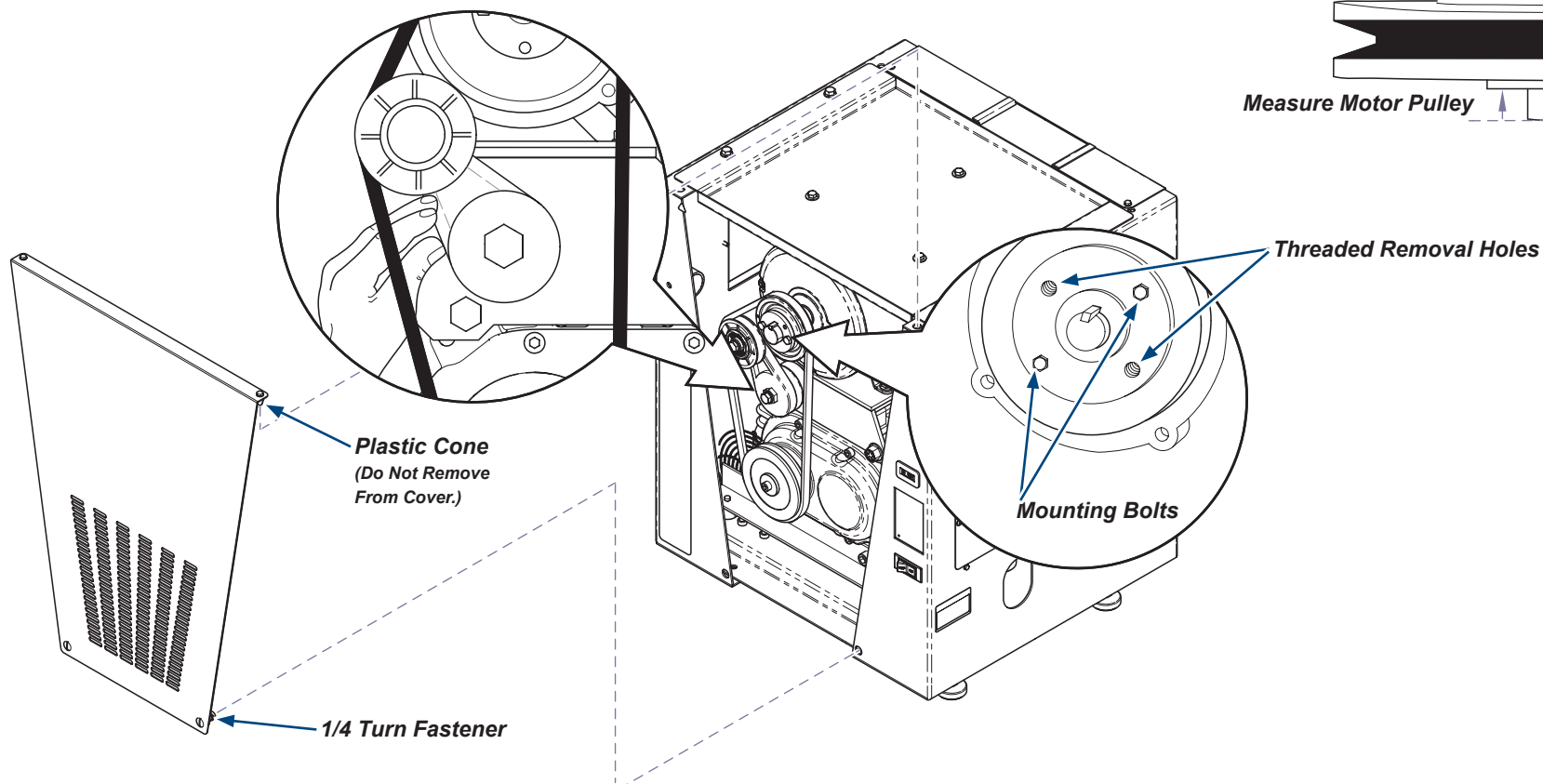
WARNING

To prevent risk of shock always disconnect power before removing covers or performing any service procedure.



WARNING

Equipment is not suitable for use in the presence of a flammable anesthetic mixture.



**Caution**

Tension arm is spring loaded and could move downward as bolt is removed. Keep hands clear of tension arm mounting bolt.

Note

Tension bolt needs to be repositioned only if converting to G7.

Step 2: Reposition auto tensioner (ONLY REQUIRED IF CONVERTING TO A G7)

- A) If converting to G7 remove tension arm mounting bolt, If converting to a G5 proceed to step 3.
- B) Relocate tensioner locating pin and tensioner mounting bolt to new position shown for the G7 model.
- C) Install auto tensioner arm in new location.

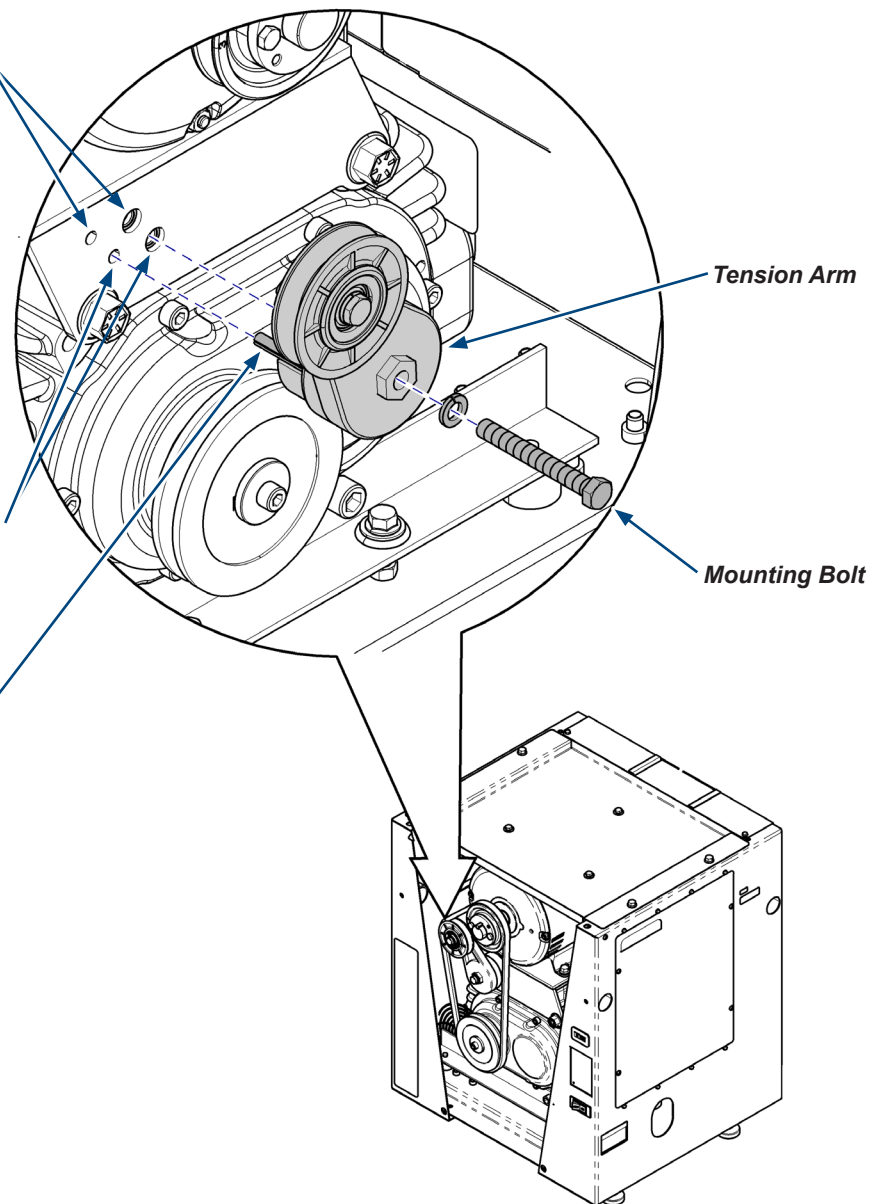
G3 / G5 Pin & Bolt Holes

G7 Pin & Bolt Holes

Locating Pin

Tension Arm

Mounting Bolt



Step 3: Install new hub & pulley.

- A) Position new hub and pulley on to motor shaft.
- B) Insert mounting bolts through unthreaded holes of hub and into threaded holes of pulley.
- C) Position hub and pulley at depth measured on Step 1 and tighten bolts.
- D) Verify pump and motor pulley are aligned with a straight edge on both sides and measurement is same as Step 1.
- E) Install belt, Replace front cover. Connect power. Test vacuum.

