

Note

Step 1A is for all G3 series and newer P3 series with an auto tensioner (third) pulley.
For older version P3 series with the two pulley scissor jack design see step 1B on page 2.

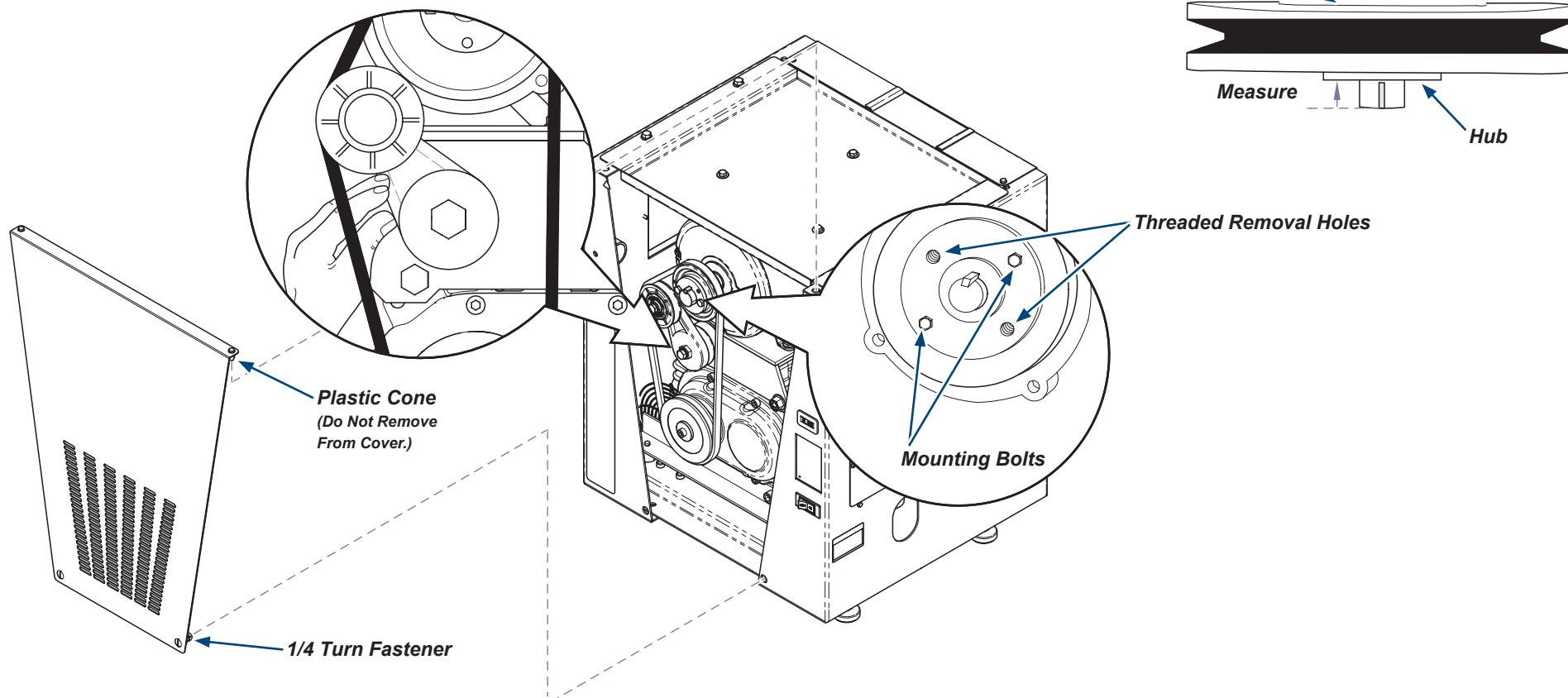
Step 1A: Remove cover, belt, motor pulley. (All G3 & Newer P3 Units)

- 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 hub in the center of motor 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.

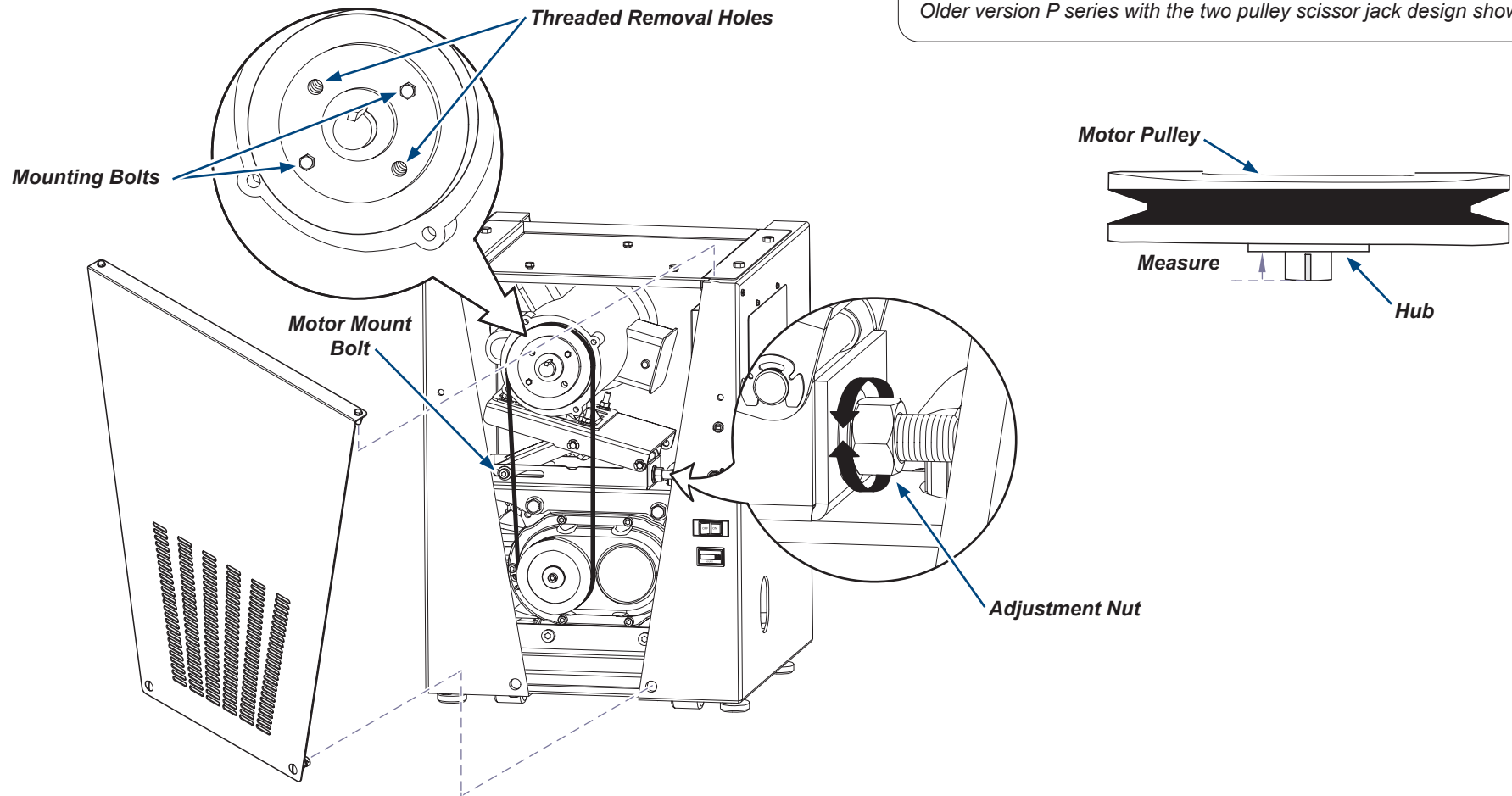


Step 1B: Remove cover, belt, motor pulley. (Older P3 Units Only)

- A) Disconnect power at on/off switch and main power supply box.
- B) 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.
- C) Loosen motor mount bolt and rotate adjustment bolt counter clockwise to lower the scissor jack assembly loosening the belt tension and remove belt.
- D) Measure end of shaft to face of hub in the center of motor pulley. Write dimension down.
- E) Unscrew mounting bolts from hub and insert them into threaded removal holes on hub.
- F) Alternately tighten bolts to separate pulley from hub, remove from motor shaft.

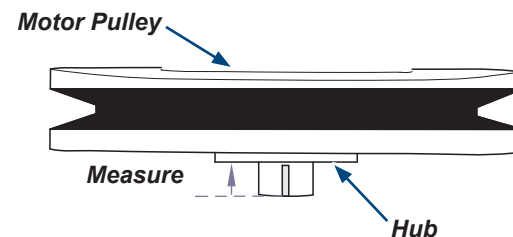
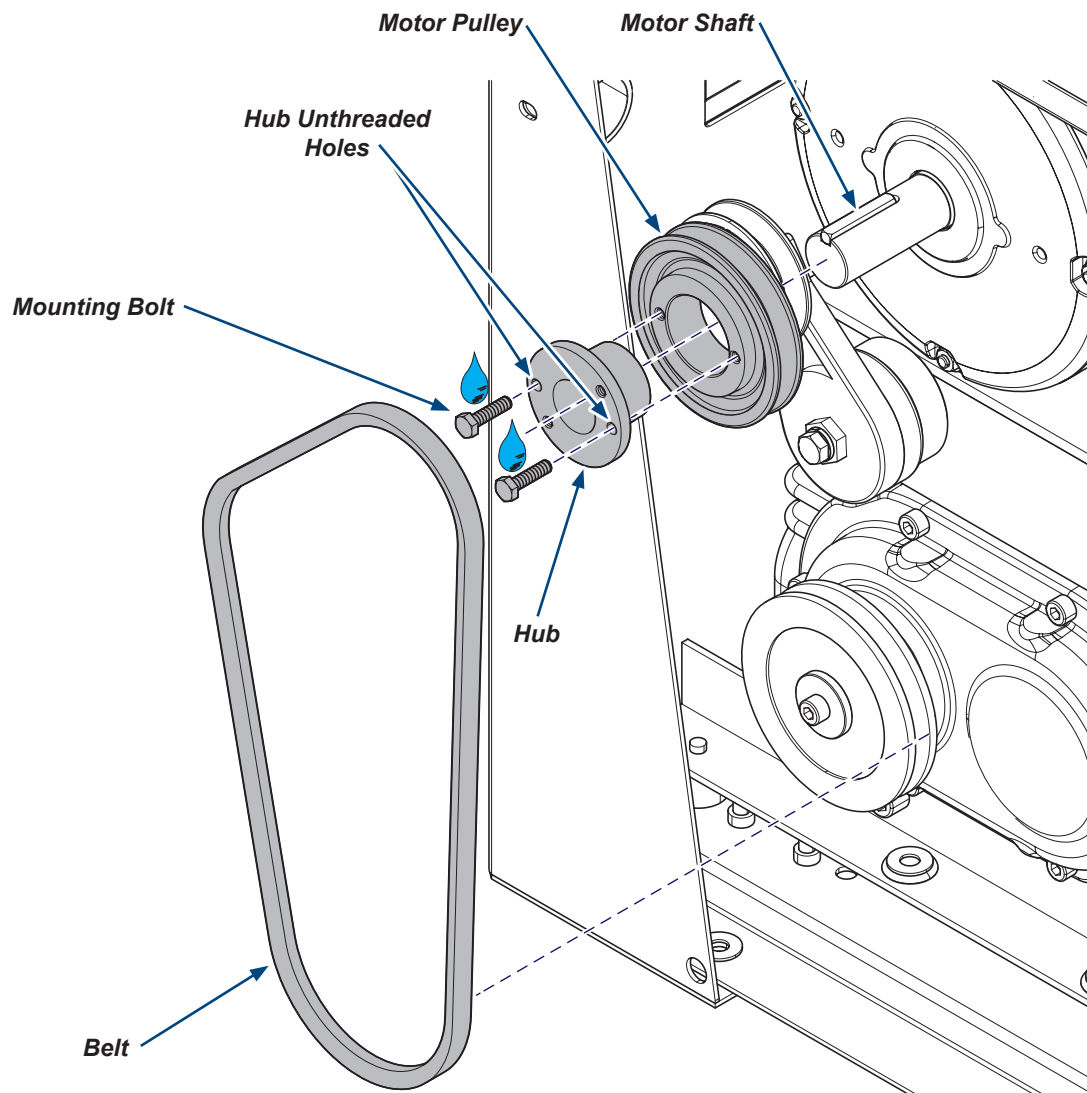
Note

Older version P series with the two pulley scissor jack design shown.



Step 2: Install hub & pulley on motor.

- A) Position hub and pulley on to motor shaft.
- B) Place non-permanent threadlock on mounting bolts, Insert them through unthreaded holes of hub and into threaded holes of pulley.
- C) Position hub and pulley at depth measured in previous steps and tighten bolts alternating between the two bolts. Final torque should be 94 in-lbs.
- 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 and replace front cover by reversing previous steps. Connect power. Test vacuum.



Note

G series with auto tensioner (third) pulley shown.

