



# HUB PULLERS AND ADAPTORS

*Precision, Power, and Performance for Every Job*



# SAFE. RELIABLE. TOOLS.

## High-Quality Hub Puller for Maintenance, Repairs, and Industrial Tasks

Hub Pullers and Adaptors are used to simplify the removal of a variety of items including fans and blower wheels. The Hub Pullers provide a solid connection between the puller and the fan.

The Posi Lock PTHP-2 secures the PT-104 Puller to hubs up to 3" (76mm) in diameter. Set screws grip the hub to hold and align the collar adaptor. The puller jaws are tightened securely into the hub groove, eliminating slippage during removal.



*Hub adaptors provide a quick and reliable connection between the mechanical puller and the fan.*

## Why Posi Lock?

Posi Lock's hub adaptor sets have advantages over traditional hub pullers such as tool versatility, increased tool life and ease of use which results in saving on labor time and maintenance cost:



**Safety** – The patented Safety Cage on Posi Lock pullers guides the jaws for fast contact and superior safety.



**Efficiency** – Our design eliminates the need for additional hands by removing the reliance on hooks for connecting the puller to the hub, streamlining alignment and tightening processes



**Power** – The center bolt threads are designed for less effort being needed to apply high torque.



**Stability** – The T-Handle locks the jaws precisely where you set them. With the leverage up front, you get vise-like power and no slippage.

## Versatility Across Industries: The PTHP-2 Hub Puller in Action

The PTHP-2 Hub Puller's unique design offers unmatched versatility, making it an essential tool across various industries. Whether you're working on chillers, defrost and AC fans, or power roofing ventilators, this general-purpose puller is engineered to tackle a broad range of applications. Its robust construction ensures reliable performance in demanding environments like freezers, dietary equipment, heat exchangers, condensers, and more. From auto/truck heaters and ice machines to heat pumps, furnace fans, convection ovens, and laundry equipment, the PTHP-2 is built to handle it all. Additionally, it excels in specialized machinery like ice cream machines and exhaust fans. No matter the job, the PTHP-2 Hub Puller is your go-to solution for efficient, safe, and precise hub removal.

# PROPER HUB PULLER OPERATION

## Maximize Efficiency, Minimize Risk: The Importance of Proper Puller Operation

Proper use of the PTHP-2 Hub Puller is essential not only to complete the job effectively but also to ensure safety and maximize efficiency. When operated correctly, the puller performs its task with precision, minimizing the risk of damage to components and reducing the need for costly repairs. Adhering to proper procedures also helps avoid unnecessary strain, ensuring that both the user and the equipment remain safe throughout the process. By following best practices, you not only achieve faster, more accurate results but also extend the lifespan of your tool, making every job more efficient and cost-effective.

## 1 Select. 2 Connect. 3 Remove.

### 1 Select the Proper Puller

Examine the part to be pulled and select the proper puller and hub collar adapter for the application. Some things to consider when selecting a manual puller include: **Reach, Spread and Capacity**

### 2 Connect Hub Adaptors to the Puller

**Fit collar adaptor** - The hub collar adaptor is placed over the fan hub, creating a solid connection between the puller and the fan hub. Lock the collar in place by tightening set screws.

**Position the Tip Reducer/Extender** - Prep the puller by placing the appropriate tip protection on the end of the center bolt. Note: The tip reducer/extender is designed for small diameter shafts.

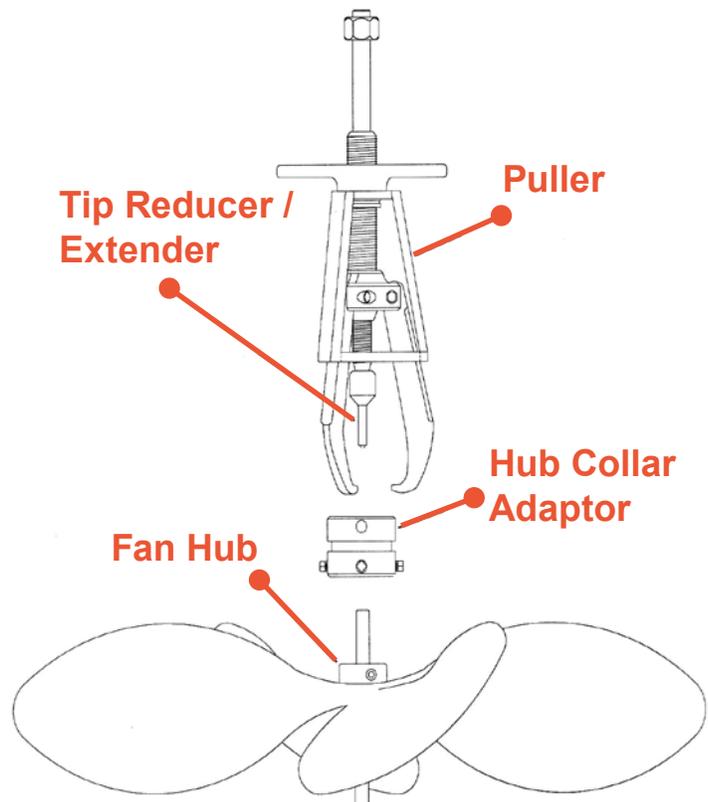
**Fit the Puller Adaptor** - Adjust the jaws and T-handle of the puller so that the puller jaws grip tightly around the hub collar adaptor groove.

### 3 Removing the Part

**Position the Center Bolt** - Turn the center bolt down to touch the shaft, taking careful consideration to adjust the jaws and T-handle until the point of the center bolt is in the center of the shaft.

**Turn the Center Bolt** - Then, turn the center bolt slowly and carefully applying force onto the shaft.

**Remove the Part** - Continue with turning of the center bolt until the component is removed.



## RELATED PRODUCTS



Hub Puller Kit



Puller



Hub Adaptor Kit

### Think Safe. Be Safe.

Study each pulling application before you select a puller. A significant amount of force can be exerted with a puller. Respect these forces and always observe safety precautions. Here are a few safety tips to remember when pulling:

- Always select the proper puller for each pulling job. A puller equal to, or larger, than required.
- Inspect the puller before each use. Replace worn or damaged parts with authorized parts.
- Always wear safety goggles when using pullers.
- Always use hand tools with mechanical pullers.
- Never apply heat or alter the puller by welding, cutting, or grinding.
- Support the puller and object being pulled.

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