

# TRENCHER PRO

## Mini-Trencher Cart



Assembly Guide

# Welcome!

Thanks for buying a TrencherPro Cart! We design our products to meet the high demands of our industrial and commercial clients, with ease-of-use that's aimed at homeowners and do-it-yourselfers. That means that our products are tough enough to meet rigorous industry standards, but designed for non-professionals to learn to use.

If you have feedback or questions, we want to know!

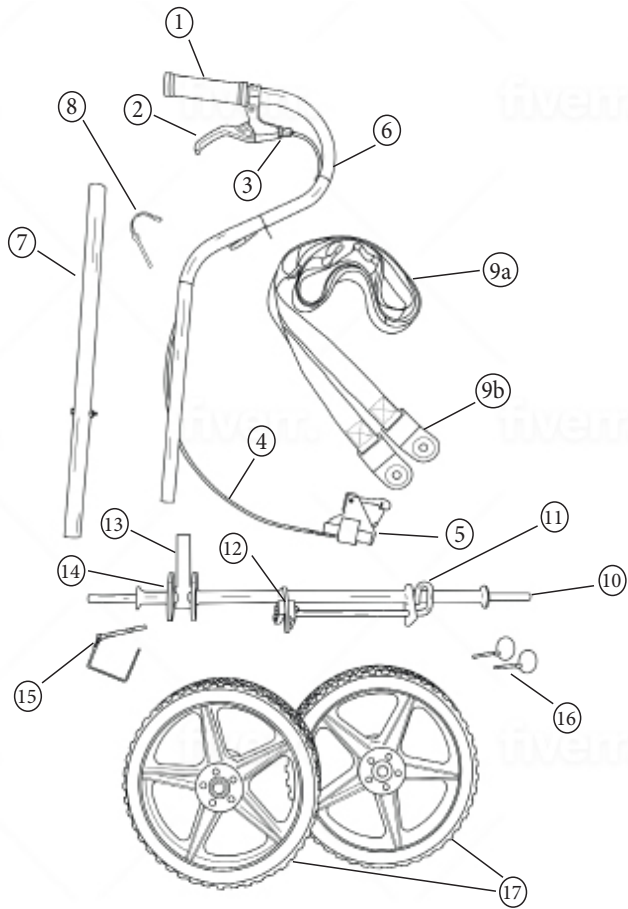
Contact us at: [customerservice@tooltuffdirect.com](mailto:customerservice@tooltuffdirect.com) or 720-437-7640

**TRENCHER**  **PRO**



# Step 1: Assembling the Cart

Lay out all the parts in an area where you have plenty of space to assemble the cart. Locate the axle [10C].



## Cart Parts

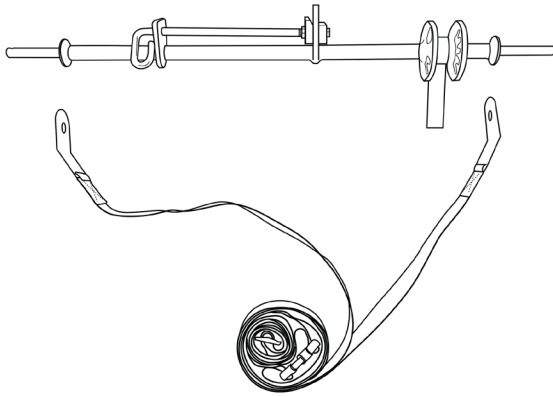
<i>ref. #</i>	<i>description</i>	<i>part #</i>
1C	grip	26-173
2C	(throttle) lever	} 26-172
3C	cable-tension adjuster	
4C	throttle cable	} 26-148
5C	trigger-extension accessory	
6C	throttle-extension arm	26-129
7C	pivot arm (spring-loaded end faces axle)	26-133
8C	shaft-locking pin	
9C-a	strap	} 26-131
9C-b	strap plates (x 2)	
10C	axle	} 26-135
11C	mounting lock	
12C	mounting guide	
13C	handle-mount bar	
14C	pivot plate	
15C	clevis pin	
16C	lynch pins (x 2)	
17C	wheels (x 2)	26-174

## Step 1, Continued:

1. Put the metal strap plates over either end of the axle.

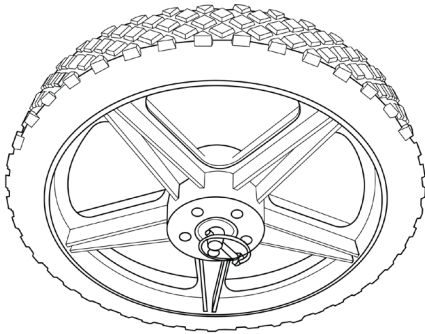
The strap [9C-a] is used to pull the cart along as you work.

Angle the plates [9C-b] inward when mounting them on the axle [10C] as shown, and don't twist the strap.



2. Put the wheels on the axle and insert the lynch pins.

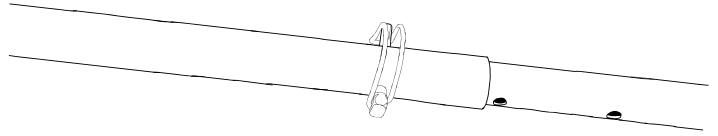
Put the wheels [17C] on either end of the axle [10c]. Insert the lynch pins [16c] and flip them into the locked position.



3. Put the throttle-extension arm and pivot arm together, and set the locking pin.

The throttle-extension [6C]/pivot arm [7C] is adjustable in length: set the pin [8C] accordingly.

The pivot arm [7C] is unidirectional, with a spring-loaded end that mounts towards the cart's axle [10C]. Check that the spring is facing the opposite direction before you insert the throttle extension arm.



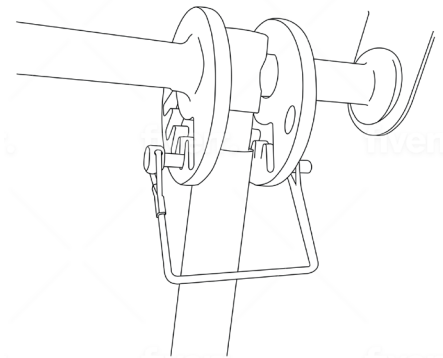
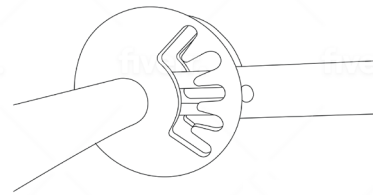
4. Mount the pivot/throttle-extension arm onto the axle.

When using the mini-trencher, the pivot/throttle-extension arm [6C + 7C] is used to push the nose of the trencher down, into the ground, while driving the engine.



Locate the clevis pin [15C] before you begin.

- A. Push the pivot arm [7C] in, depressing the spring, to set the clevis pin [15C].
- B. Set clevis pin by passing it thru both sides of the pivot plate [14C], thru the slot in the pivot arm [7C], and thru the handle mount bar [13C], while the spring is depressed. This may take a couple tries.



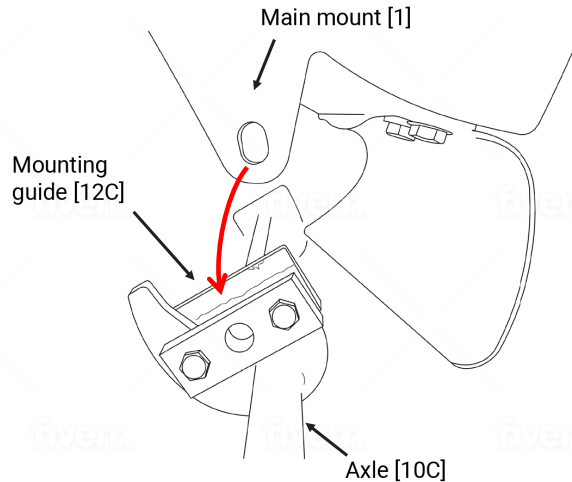
Don't worry which slot in the pivot plate the pin passes through; more about that in Adjusting the Cart Arm, below.

## Step 2: Mounting the Mini-trencher on the Cart

With the chain mounted and the cart assembled, you're ready to mount the mini-trencher on the cart.

### 1. Seat the mini-trencher on the cart.

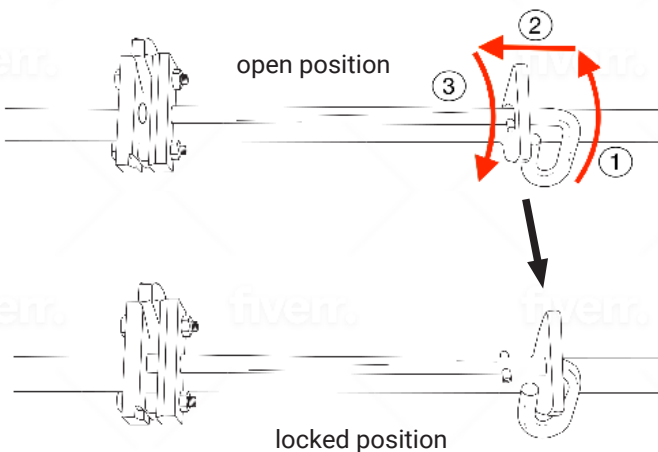
Locate mounting lock [11C] and guide [12C]. Make sure the lock is open. Lift the mini-trencher by the handle, align the flange with the guide, and set the trencher onto the cart.



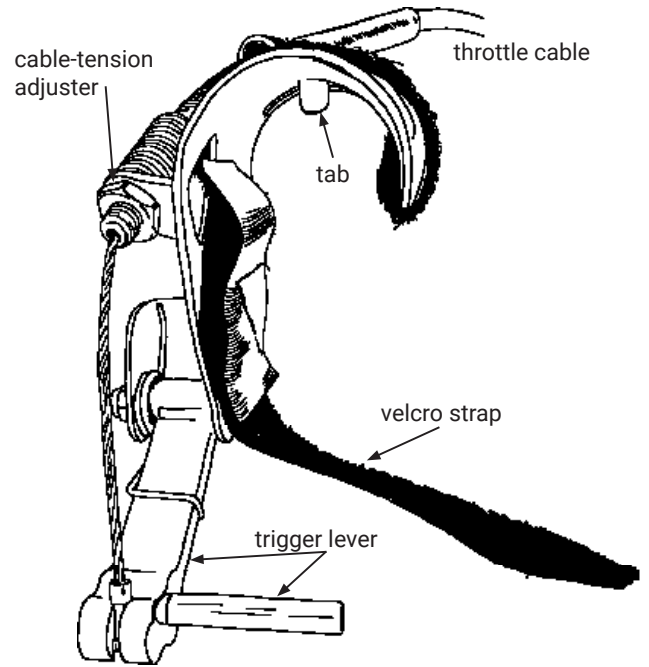
### 2. Slide the mount lock into place.



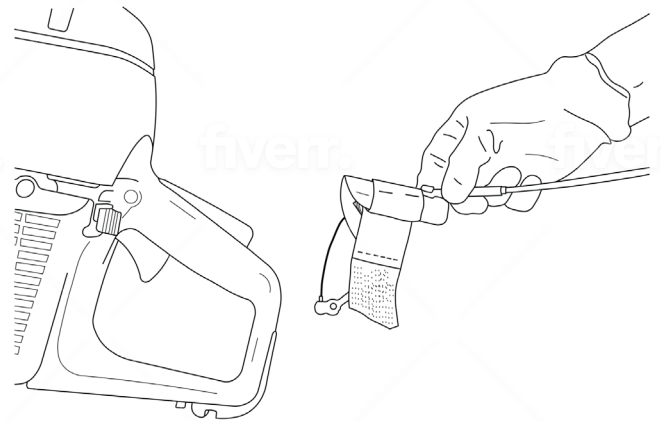
**DO NOT attempt to operate without mounting lock engaged!**



### 3. Mount the trigger-extension accessory:

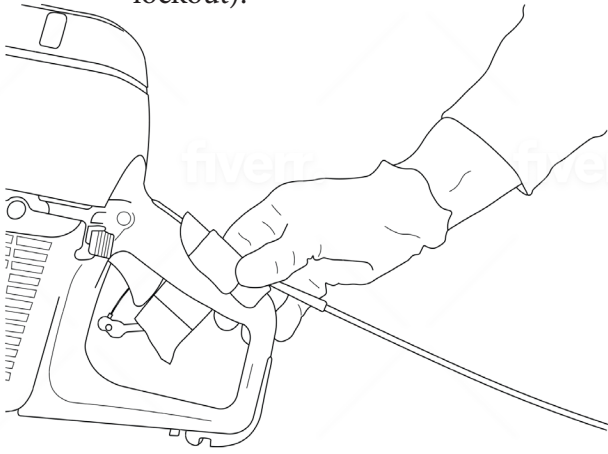


A. Orient the throttle accessory so that it's facing the right direction, and open the velcro strap.



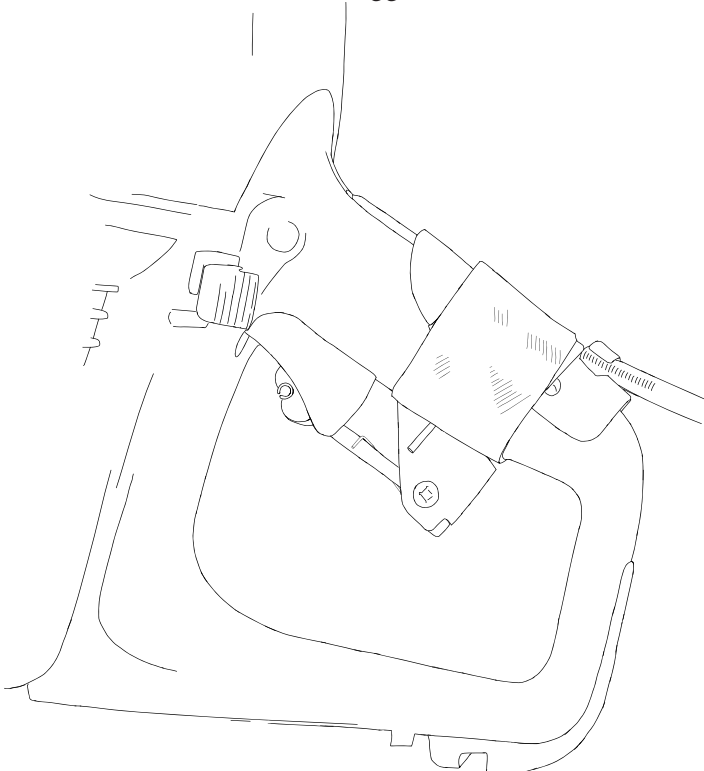
## Step 3, Continued:

- B. Set the accessory over handle, as shown, depressing the safety (a.k.a. throttle-trigger lockout).



The tab on the inside surface of the accessory fits into the space behind the safety lockout.

- C. Fasten the velcro strap securely.  
D. Adjust the trigger lever so that it sits snugly on the throttle trigger.



Use the cable-tension adjusters as needed. There's one tension adjuster on the accessory and another on the throttle-extension arm.

**Notice:** During and after starting the engine, you may need to readjust the trigger-extension assembly. If the throttle lever doesn't work, the cable may have become loose or disconnected.

## Adjusting the cart arm

The cart arm (throttle-extension/pivot arm) allows you to exert downward pressure on the nose of the mini-trencher and control depth. Adjust it as needed.

1. Hold the rear handle of the power head, depress the clevis pin [15C] inward to disengage from the pivot plate [14C], and pivot the throttle-extension arm up or down.
2. Once adjusted, release inward pressure to re-engage the pivot plate.