



# MODEL T33312 PANEL LIFTING CART INSTRUCTIONS

For questions or help with this product contact Tech Support at (570) 546-9663 or techsupport@grizzly.com

## Introduction

The Model T33312 Panel Lifting Cart transports and lifts unwieldy plywood and panels to the height of a workbench, table saw, etc. It has a capacity of 300 lbs. and four locking casters.

- Button Head Cap Screw M8-1.25 x 16 ... 1
- Flat Washers 12mm..... 4
- Lock Nuts M12-1.75..... 4
- Lock Nuts M8-1.25..... 12
- Knob Bolts M8-1.25 x 20 ..... 2

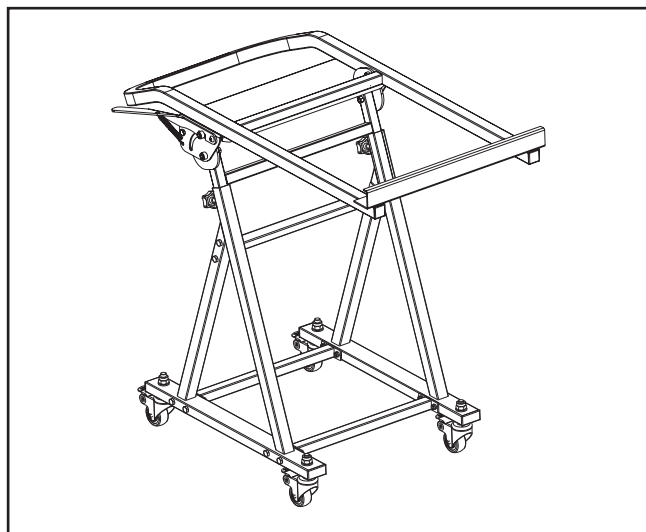


Figure 1. Model T33312.

## Inventory

Loose Items (Figure 2)	Qty
A. Lift Assembly.....	1
B. Extension Spring 1.5 x 10 x 80 .....	1
C. Lock Lever.....	1
D. Swivel Lock Casters.....	4
E. Stands .....	2
F. Lower Cross Beams .....	2
G. Upper Cross Beam.....	1
H. Hardware (Not Shown)	
—Hex Bolts M8-1.25 x 65 .....	8
—Hex Bolts M8-1.25 x 45 .....	4

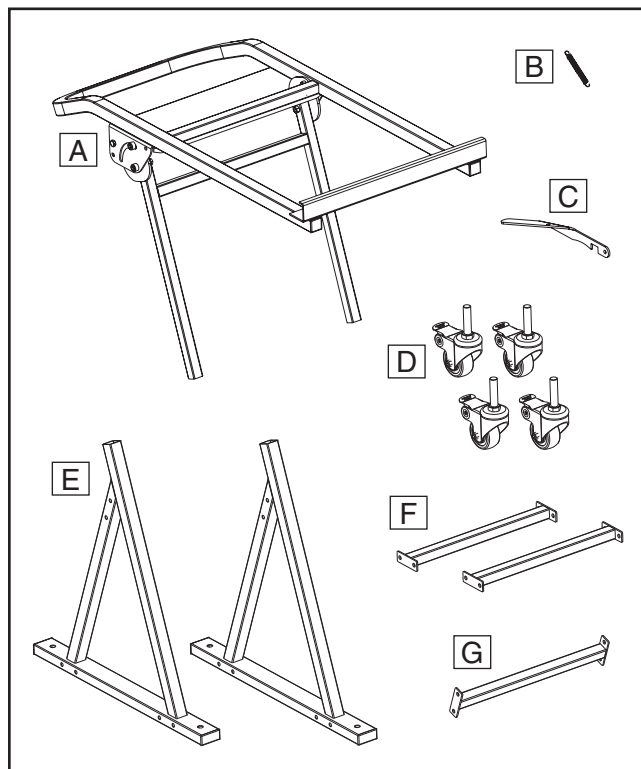


Figure 2. Inventory.

## Assembly

Tools Needed	Qty
Wrenches or Sockets 13mm .....	2
Open-End Wrench 19mm.....	1

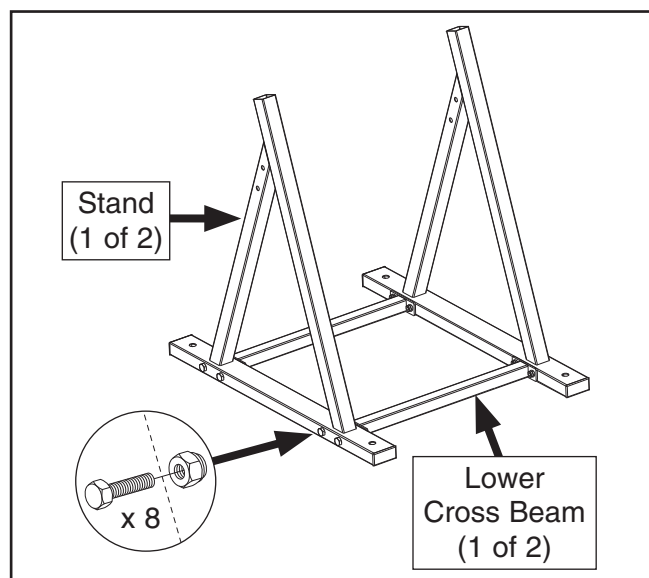
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V1.08.22

\*\*\*Keep for Future Reference\*\*\*

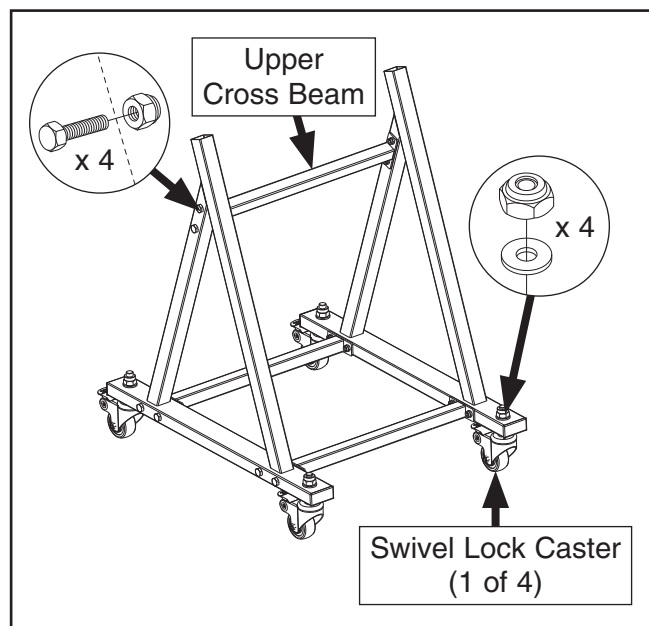
### To assemble cart:

1. Attach (2) stands to (2) lower cross beams with (8) M8-1.25 x 65 hex bolts and M8-1.25 lock nuts (see **Figure 3**).



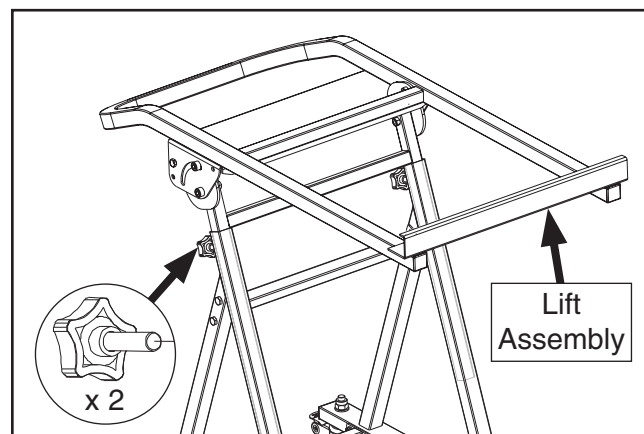
**Figure 3.** Stands attached to lower cross beams.

2. Attach upper cross beam to stands with (4) M8-1.25 x 45 hex bolts and M8-1.25 lock nuts (see **Figure 4**).
3. Attach (4) swivel lock casters to stands with (4) 12mm flat washers and M12-1.75 lock nuts (see **Figure 4**).



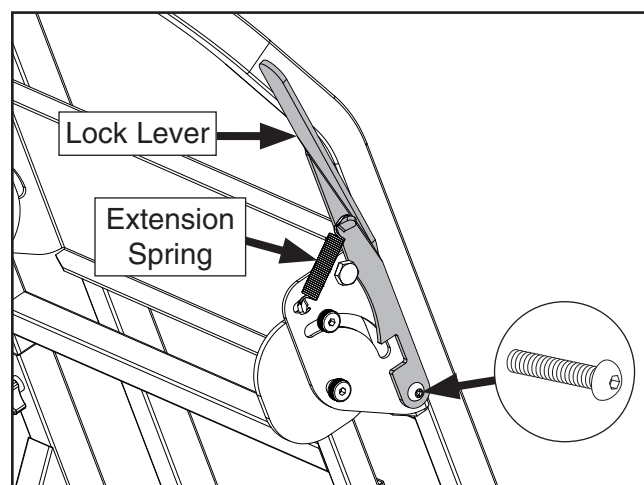
**Figure 4.** Upper cross beam and swivel lock casters attached to stands.

4. Lock casters to keep stand stationary in following steps.
5. Loosen (2) knob bolts, if installed, in stands enough to complete following step.
6. Slide lift assembly posts all the way into stands, as shown in **Figure 5**, then secure with knob bolts.



**Figure 5.** Lift assembly installed on stands.

7. Attach lock lever to lift assembly with M8-1.25 x 16 button head cap screw and extension spring, as shown in **Figure 6**.



**Figure 6.** Lock lever and extension spring installed.



## Operation

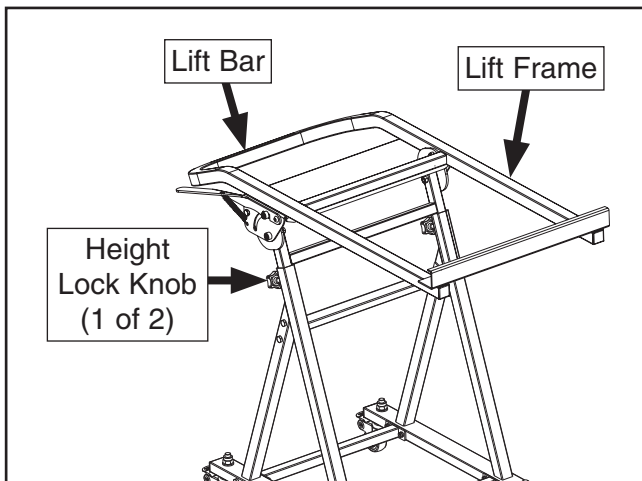
The Model T33312 can be used to simply transport a panel from one location to another, to unload a panel from a truck or workbench, or to lift a panel to feed it onto a workbench, table saw, etc.

### To operate cart:

1. Use lift bar to move lift frame to horizontal position (see **Figure 7**).

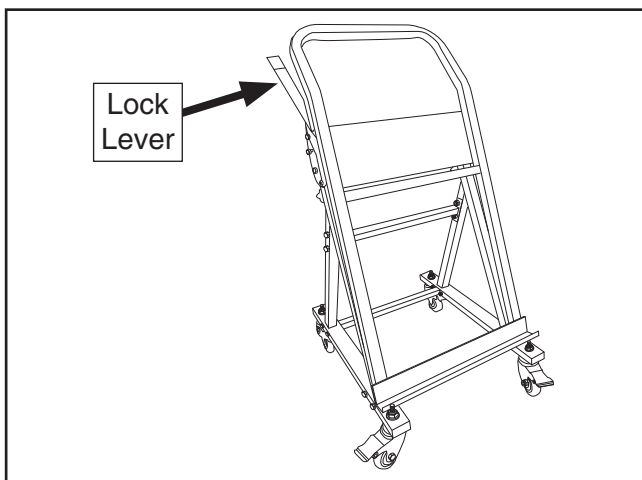
**Note:** Lock lever will lock lift frame position once horizontal.

2. Loosen height lock knobs shown in **Figure 7**, adjust lift frame to desired height, then tighten lock knobs to secure.



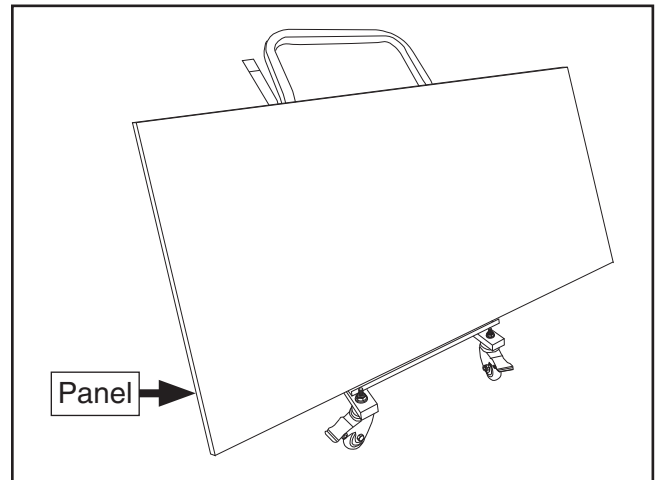
**Figure 7.** Lift frame in horizontal position.

3. Lift lock lever to release lift frame, then return frame to vertical position (see **Figure 8**).



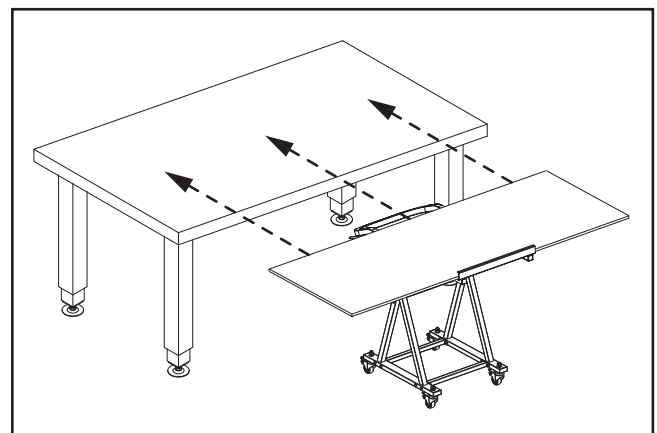
**Figure 8.** Lift frame in vertical position.

4. Lock casters to keep cart stationary.
5. Load panel onto lift frame, centering panel on cart (see **Figure 9**).



**Figure 9.** Panel centered on cart.

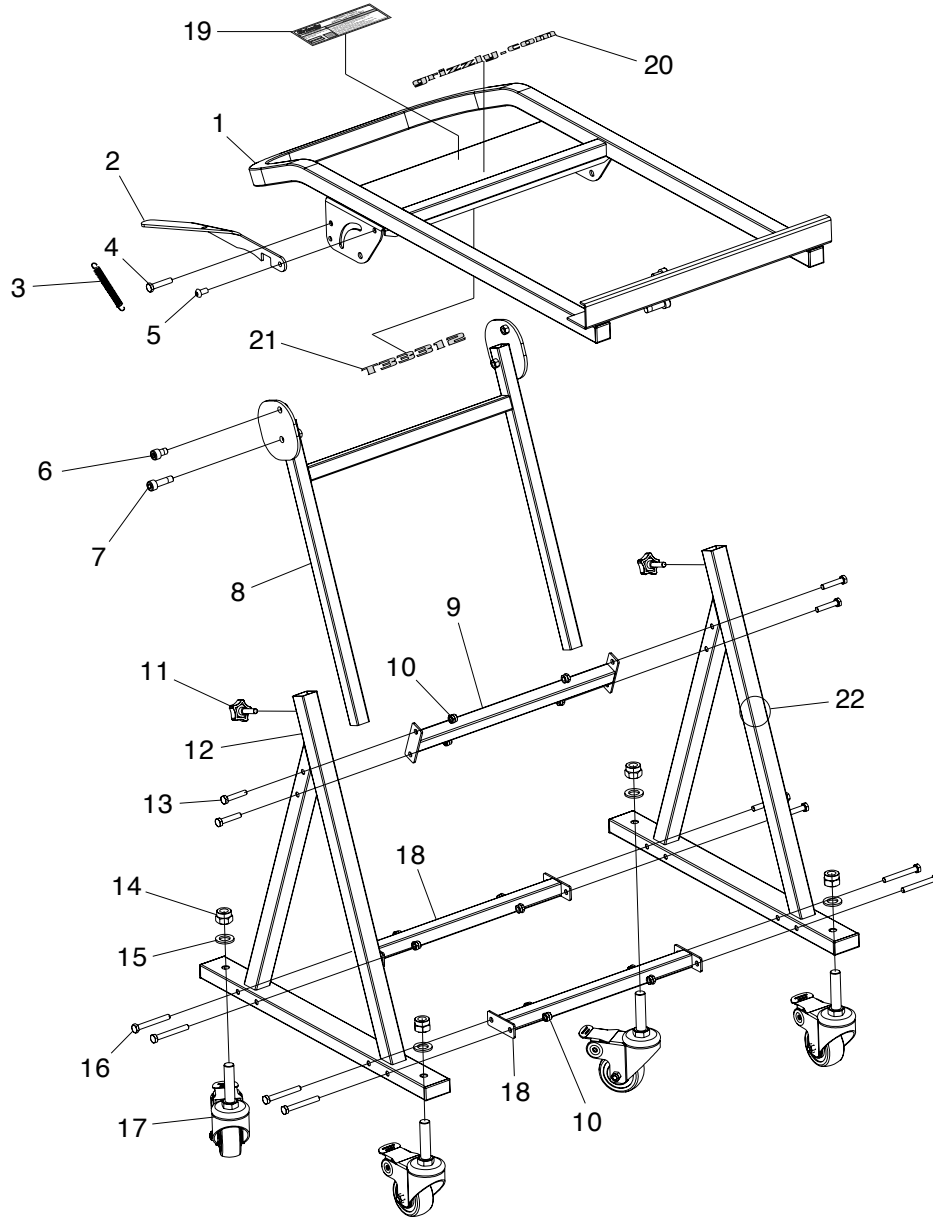
6. Unlock casters.
7. Push cart to desired location, face cart and panel away from lifting location, then lock casters.
8. Move lift frame until lock lever locks it in horizontal position, then unload panel (see **Figure 10**).



**Figure 10.** Unloading panel from cart.



# T33312 Parts Breakdown & List



REF	PART #	DESCRIPTION
1	PT33312001	LIFT FRAME
2	PT33312002	LOCK LEVER
3	PT33312003	EXTENSION SPRING 1.5 X 10 X 80
4	PT33312004	HEX BOLT M8-1.25 X 35
5	PT33312005	BUTTON HD CAP SCR M8-1.25 X 16
6	PT33312006	SHOULDER SCREW M8-1.25 X 14, 10 X 13
7	PT33312007	SHOULDER SCREW M8-1.25 X 13, 10 X 35
8	PT33312008	HEIGHT BRACKET
9	PT33312009	UPPER CROSS BEAM 15-7/8"
10	PT33312010	LOCK NUT M8-1.25
11	PT33312011	KNOB BOLT M8-1.25 X 20, 5-LOBE, D37

REF	PART #	DESCRIPTION
12	PT33312012	STAND
13	PT33312013	HEX BOLT M8-1.25 X 45
14	PT33312014	LOCK NUT M12-1.75
15	PT33312015	FLAT WASHER 12MM
16	PT33312016	HEX BOLT M8-1.25 X 65
17	PT33312017	CASTER 3", LOCKING SWIVEL
18	PT33312018	LOWER CROSS BEAM 14-15/16"
19	PT33312019	MACHINE ID LABEL
20	PT33312020	GRIZZLY.COM LABEL
21	PT33312021	MODEL NUMBER LABEL
22	PT33312022	TOUCH-UP PAINT, GRIZZLY GREEN

**Please Note:** We do our best to stock replacement parts whenever possible, but we cannot guarantee that all parts shown here are available for purchase. Call (800) 523-4777 or visit our online parts store at [www.grizzly.com](http://www.grizzly.com) to check for availability.

