



MODEL T10157 HEAVY-DUTY OAK WORKBENCH w/STEEL LEGS INSTRUCTIONS

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

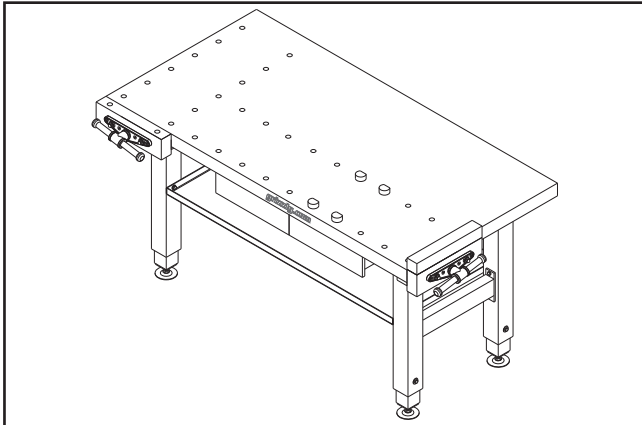


Figure 1. Model T10157 Oak Workbench.

Features

- Solid 1½" thick oak top with double rows of bench dog holes for each vise.
- Two storage drawers (with ball bearing slides) that are 12⁷/₈" wide x 12⁹/₁₆" long x 2¹³/₁₆" deep.
- Sturdy adjustable steel legs with leveling foot pads.
- Two oak-faced vises with 4" leadscrew travel, 13" wide x 2" thick, and one removable top plate.
- Four bench dogs and a bench stop bar.
- All wood surfaces finished with durable lacquer.
- Overall dimensions: 62" wide x 30" in depth x 32"–39" tall.
- Weight: 110 lbs.



⚠ WARNING
Wear safety glasses during the entire setup process!



⚠ WARNING
HEAVY LIFT!
Straining or crushing injury may occur from improperly lifting machine or some of its parts. To reduce this risk, get help from other people and use a forklift (or other lifting equipment) rated for weight of this machine.

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**WARNING: NO PORTION OF THIS MANUAL MAY BE REPRODUCED IN ANY SHAPE
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(FOR MODELS MANUFACTURED SINCE 07/19) #TS11313 PRINTED IN CHINA

V4.06.22

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

Inventory

The following is a list of items shipped with your workbench. Before beginning setup, lay these items out and inventory them.

If any non-proprietary parts are missing (e.g. a nut or a washer), we will gladly replace them; or for the sake of expediency, replacements can be obtained at your local hardware store.

Inventory (Figure 2)

	Qty
A. Front Drawer Panels.....	2
B. Right Drawer Panels	2
C. Bottom Drawer Panels	2
D. Back Drawer Panels.....	2
E. Left Drawer Panels.....	2
F. Workbench Top	1
G. Leg Supports.....	2
H. Lower Legs.....	4
I. Upper Legs.....	4
J. Drawer Support Assemblies.....	3
K. Leadscrew Plates	2
L. Vise Assemblies.....	2
M. Wooden Handles.....	2
N. Bottom Shelf.....	1
O. Bench Stop Bar.....	1
P. Bench Dogs.....	4

Fasteners (Not Shown)

	Qty
Q. Wood Dowels	22
R. Wood Screws #8 x 1¼"	22
S. Hex Bolts 5/16"-18 x ¾"	20
T. Flat Washers 5/16".....	20
U. Lag Screws 5/16" x 1".....	16
V. Wood Screws #10 x 1½"	9
W. Wood Screws #8 x 1".....	20

NOTICE

If you cannot find an item on this list, check the mounting location on the workbench or examine the packaging materials carefully. Some items are pre-installed for shipping purposes.

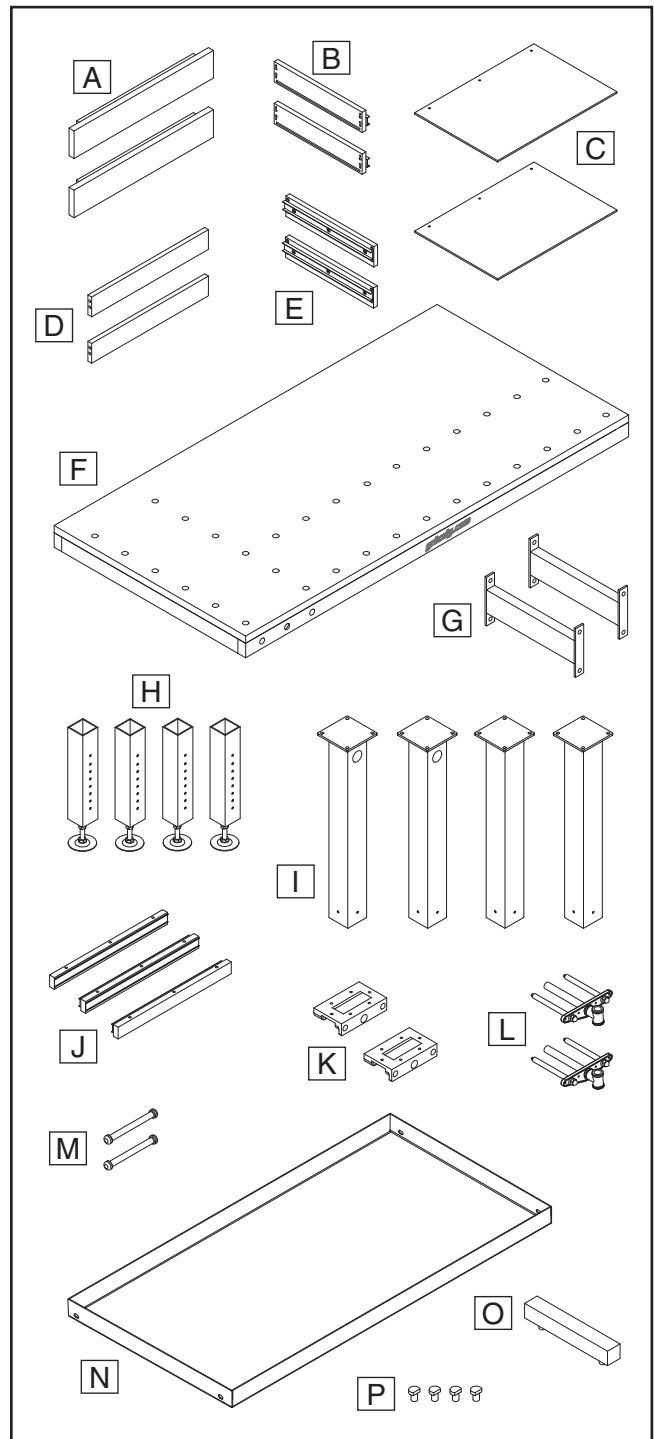


Figure 2. Inventory.

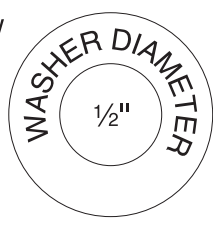
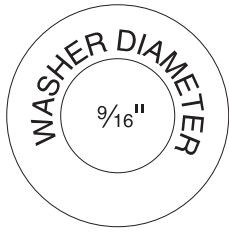
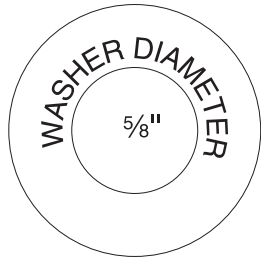
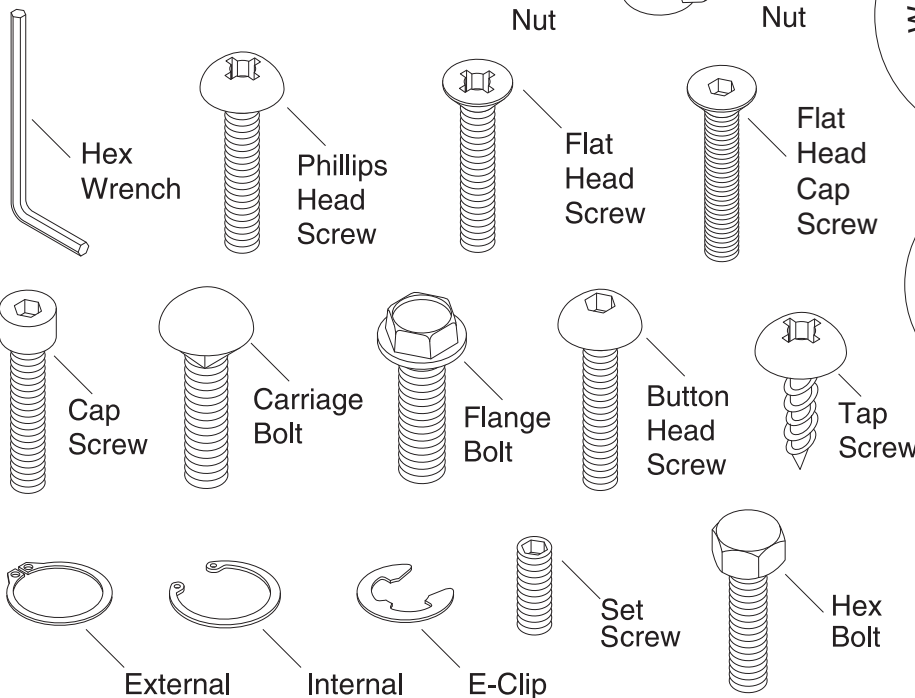


Hardware Recognition Chart

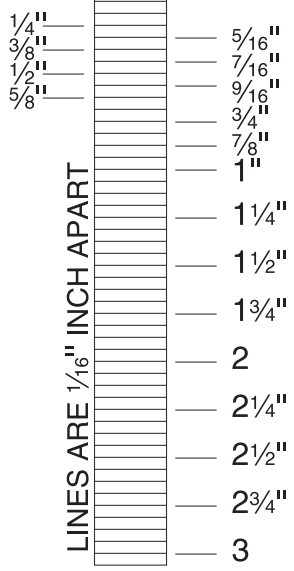
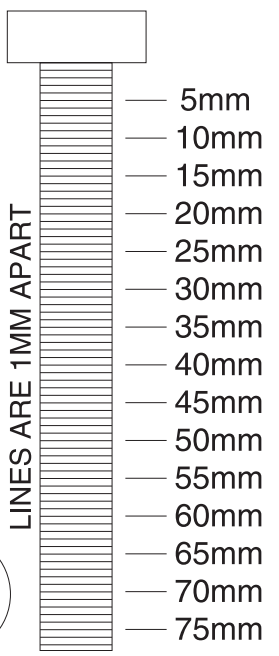
USE THIS CHART TO MATCH UP HARDWARE DURING THE INVENTORY AND ASSEMBLY PROCESS.

MEASURE BOLT DIAMETER BY PLACING INSIDE CIRCLE

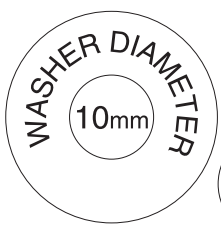
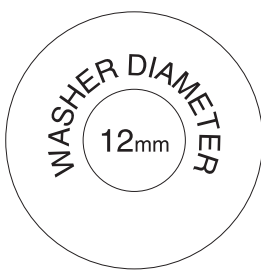
- #10
- 1/4"
- 5/16"
- 3/8"
- 7/16"
- 1/2"



- 4mm
- 5mm
- 6mm
- 8mm
- 10mm
- 12mm
- 16mm



WASHERS ARE MEASURED BY THE INSIDE DIAMETER



Assembly

Items Needed

	Qty
Wood Glue.....	As Needed
90° Square	1
Phillips Screwdriver #2	1
Another Person.....	1
Wrench or Socket 1/2"	1
Open-End Wrench 22mm.....	1

To assemble workbench:

1. Insert (4) wood dowels in front drawer panel, as shown in **Figure 3**.

Tip: Use wood glue when installing wood dowels for extra stability.

2. Press right drawer panel onto wood dowels to attach it to front drawer panel (see **Figure 3**).

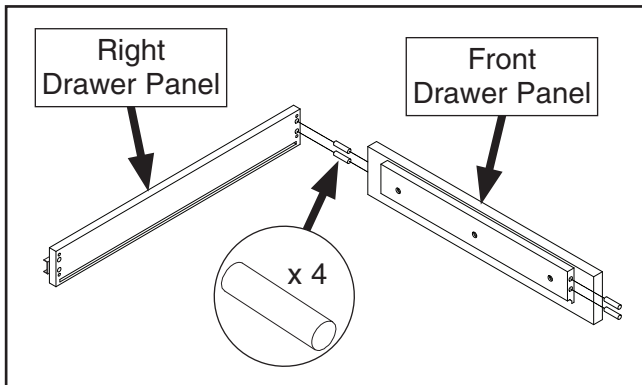


Figure 3. Attaching right and front door panels.

Note: Orient sides of drawers so tapered end of drawer slides (see **Figure 4**) are facing back of drawer.



Figure 4. Tapered end of drawer slide (right drawer panel shown).

3. Slide bottom drawer panel into right and front panel dados (see **Figure 5**).

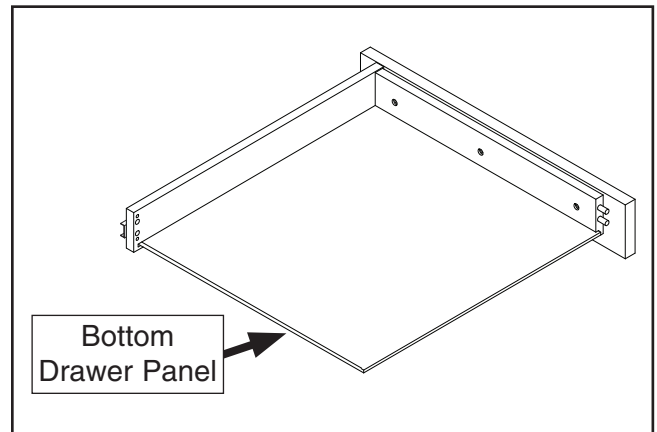


Figure 5. Drawer panel bottom inserted into dados.

4. Install (2) wood dowels in rear holes of right drawer panel, then press back drawer panel onto wood dowels (see **Figure 6**).

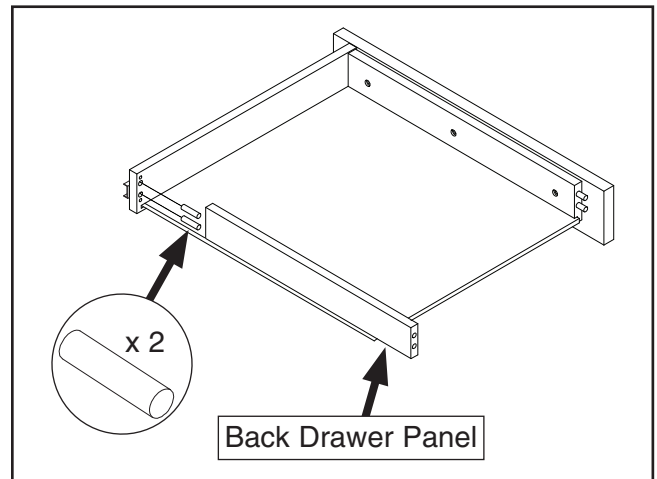


Figure 6. Installing back drawer panel.

5. Install (2) wood dowels in holes of back drawer panel.



6. Press left drawer panel onto wood dowels to attach it to front and back door panels (see **Figure 7**).

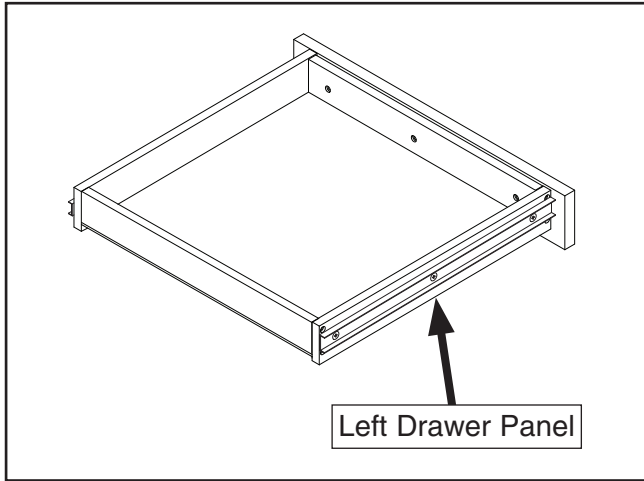


Figure 7. Left drawer panel attached.

Tip: Use 90° square to check and adjust drawer corners before installing screws in **Steps 7–8**.

7. Secure bottom drawer panel to back drawer panel with (3) #8 x 1¼" wood screws (see **Figure 8**).

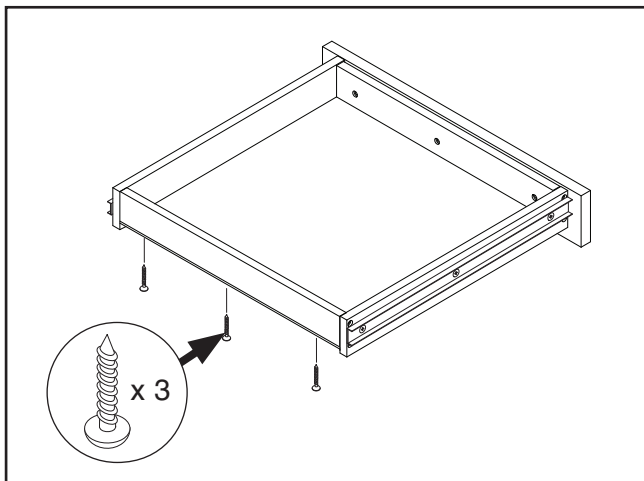


Figure 8. Securing bottom drawer panel to back drawer panel.

8. Secure left and right drawer panels to back and front drawer panels with (8) #8 x 1¼" wood screws (see **Figure 9**).

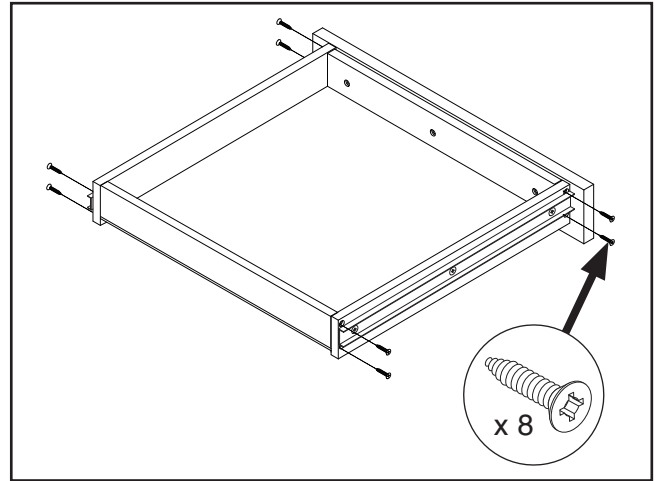


Figure 9. Securing left and right drawer panels to front and rear drawer panels.

9. Repeat **Steps 1–8** for second drawer.
10. With assistance from another person, place workbench top upside down on flat, protected surface.
11. Slide lower legs into upper legs, then secure them together with (8) 5/16"-18 x 3/4" hex bolts and 5/16" flat washers, as shown in **Figure 10**.

Note: Make sure that completed leg assemblies are all same length, which will dictate height of finished workbench (from 32"–39").

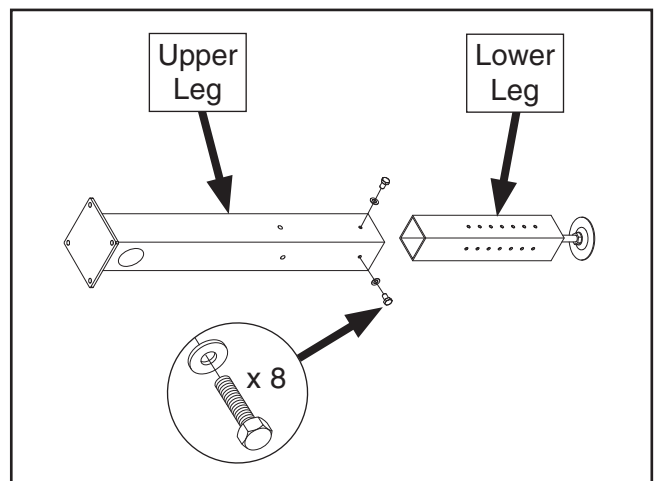


Figure 10. Upper and lower leg.



Note: In next step, orient legs so bottom shelf hole in each leg will face inward, as shown in **Figure 11**.

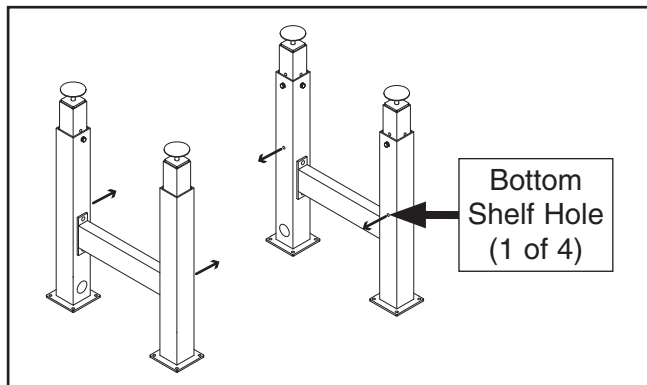


Figure 11. Bottom shelf holes facing inward.

Note: In next step, legs must also be oriented so one leadscrew hole faces to side, and other faces front (see **Figure 12**). This is necessary to properly install vise assemblies in later step.

12. Attach leg supports to leg assemblies with (8) $\frac{5}{16}$ "-18 x $\frac{3}{4}$ " hex bolts and $\frac{5}{16}$ " flat washers, as shown in **Figure 12**.

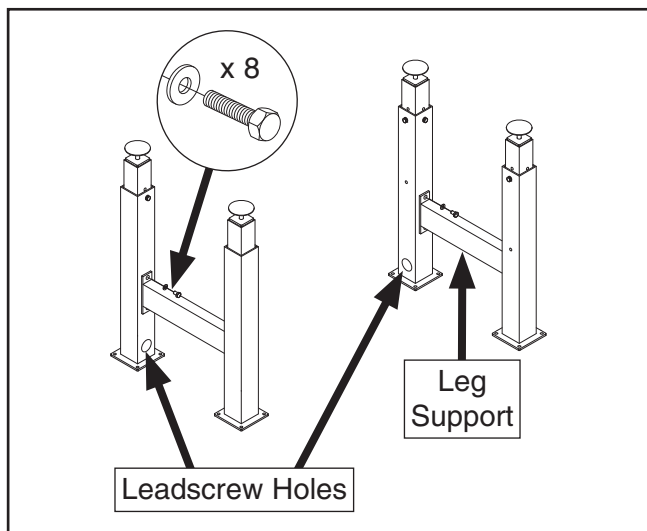


Figure 12. Leg assemblies.

Note: In next step, take care to properly orient leadscrew holes in leg assemblies with holes in workbench top to accept vise leadscrews in later step (see **Figure 13**).

13. Secure leg assemblies to workbench top with (16) $\frac{5}{16}$ " x 1" lag screws, as shown in **Figure 13**.

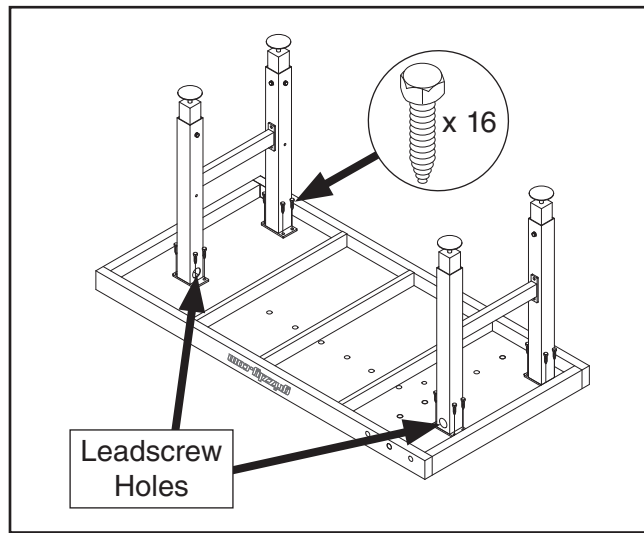


Figure 13. Leg assemblies installed.

14. Fully tighten all fasteners securing workbench top and leg assemblies.

Note: In next step, make sure that drawer slides on support assemblies are facing correct way to accept drawers.

15. Use (6) wood dowels to attach drawer support assemblies to workbench top, as shown in **Figure 14**.

16. Secure drawer support assemblies to workbench top with (9) #10 x $1\frac{1}{2}$ " wood screws (see **Figure 14**).

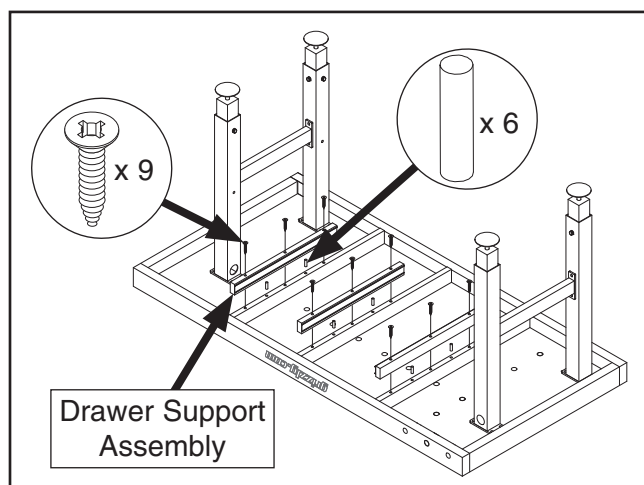


Figure 14. Installing drawer support assemblies.



17. Secure leadscrew plates (see **Figure 15**) to underside of workbench top with (12) #8 x 1" wood screws.

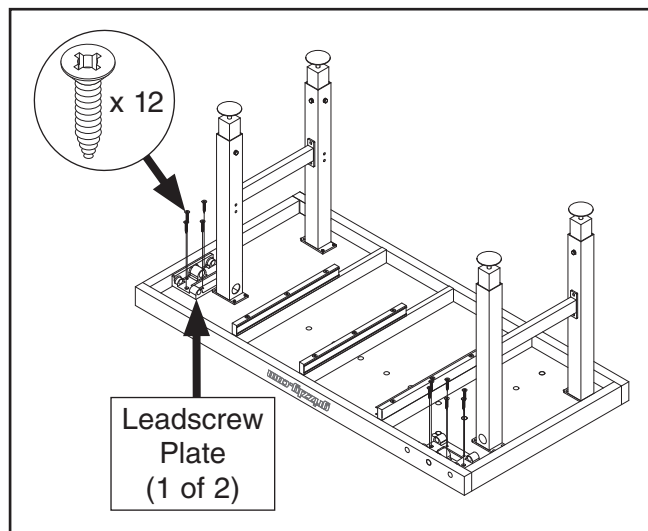


Figure 15. Installing leadscrew plates.

18. With assistance, flip workbench right side up, move it to its final location, then adjust foot pads to make workbench level and stable.
19. Attach bottom shelf to legs with (4) $\frac{5}{16}$ "-18 x $\frac{3}{4}$ " hex bolts and $\frac{5}{16}$ " flat washers, as shown in **Figure 16**.

Note: You can install shelf with lip facing up or down.

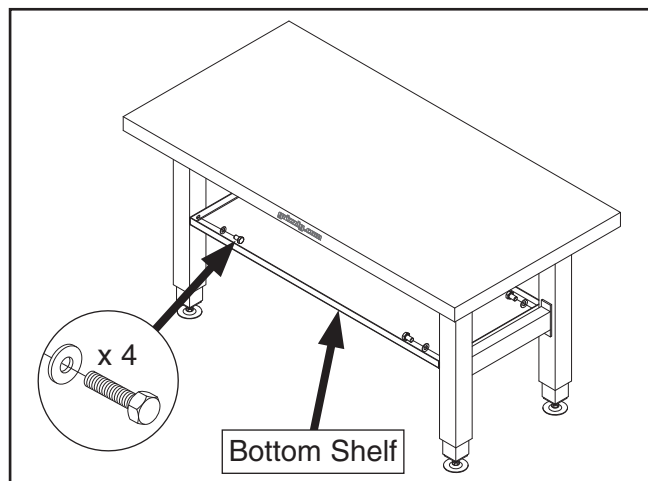


Figure 16. Bottom shelf installed.

20. Remove caps from wooden handles, insert handles through ends of vise assemblies, then glue caps back on handles, as shown in **Figure 17**.

21. Slide each vise assembly into vise faces, as shown in **Figure 17**, then secure with (8) #8 x 1" wood screws.

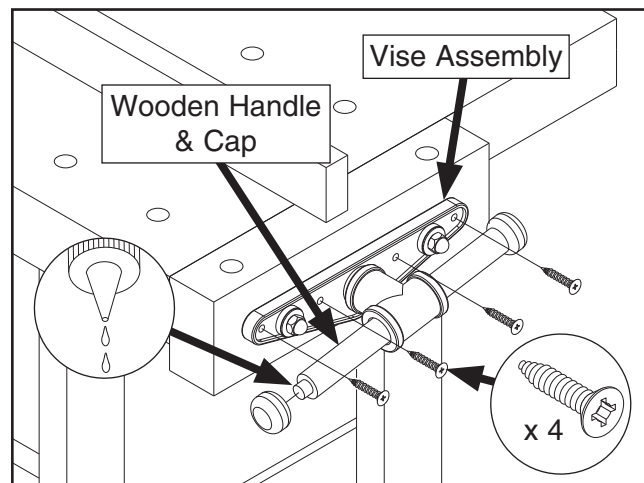


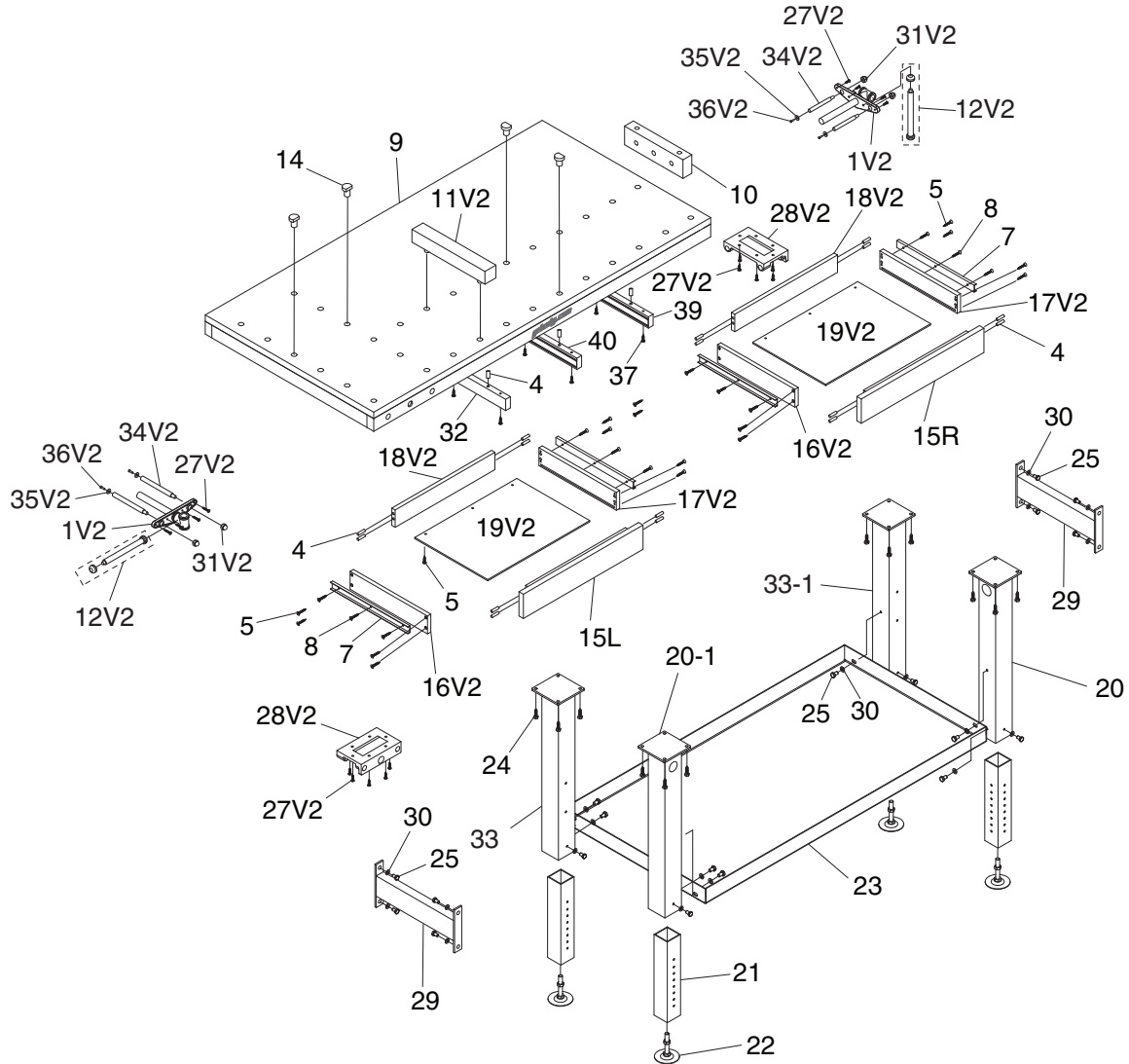
Figure 17. Vise assembly installed.

22. Install drawers, then insert bench stop bar and bench dogs into workbench top to finish assembly.

Note: Left and right drawers are different. If they do not fit, switch their positions.



Parts Breakdown & List



REF	PART #	DESCRIPTION
1V2	PT10157001V2	WISE LEADSCREW ASSEMBLY V2.07.19
4	PT10157004	WOOD DOWEL M8 X 30
5	PT10157005	WOOD SCREW #8 X 1-1/4
7	PT10157007	DRAWER SLIDE RAIL
8	PT10157008	WOOD SCREW M4 X 13
9	PT10157009	WORKBENCH TOP
10	PT10157010	WISE FACE
11V2	PT10157011V2	BENCH STOP BAR (10" OC) V2.01.13
12V2	PT10157012V2	WISE HANDLE ASSEMBLY V2.07.19
14	PT10157014	WOOD BENCH DOG 5/8"
15L	PT10157015L	FRONT LEFT DRAWER PANEL V2.01.10
15R	PT10157015R	FRONT RIGHT DRAWER PANEL V2.01.10
16V2	PT10157016V2	DRAWER PANEL LEFT V2.01.10
17V2	PT10157017V2	DRAWER PANEL RIGHT V2.01.10
18V2	PT10157018V2	DRAWER PANEL BACK V2.01.10
19V2	PT10157019V2	DRAWER PANEL BOTTOM V2.01.10
20	PT10157020	UPPER LEG W/SIDE LEADSCREW HOLE
20-1	PT10157020-1	UPPER LEG W/FRONT LEADSCREW HOLE
21	PT10157021	LOWER LEG

REF	PART #	DESCRIPTION
22	PT10157022	FOOT PAD M14-2.0 X 50
23	PT10157023	BOTTOM SHELF
24	PT10157024	LAG SCREW 5/16-18 X 1
25	PT10157025	HEX BOLT 5/16-18 X 3/4
27V2	PT10157027V2	WOOD SCREW #8 X 1 V2.07.19
28V2	PT10157028V2	LEADSCREW PLATE V2.07.19
29	PT10157029	LEG SUPPORT
30	PT10157030	FLAT WASHER 5/16
31V2	PT10157031V2	ACORN NUT M12 V2.07.19
32	PT10157032	LEFT DRAWER SUPPORT W/BB SLIDE
33	PT10157033	UPPER LEFT LEG W/O LEADSCREW HOLE
33-1	PT10157033-1	UPPER RIGHT LEG W/O LEADSCREW HOLE
34V2	PT10157034V2	WISE ROD 15.8MM, M12 V2.07.19
35V2	PT10157035V2	FLAT WASHER 8.5 X 24 X 1.4 V2.07.19
36V2	PT10157036V2	HEX BOLT M8-1.25 X 12 V2.07.19
37	PT10157037	WOOD SCREW #10 X 1-1/2
39	PT10157039	RIGHT DRAWER SUPPORT W/BB SLIDE
40	PT10157040	CENTER DRAWER SUPPORT W/BB SLIDE

