

# 'kickstand™ Portable Work Stand (Model 50-175)



Shown with Delta 36-090 Sidekick  
10" Motorized Miter Box

DATED 1-16-96

PART NO. 1345376  
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# SAFETY RULES

This product was designed for certain applications only. Delta machinery strongly recommends that this product **NOT** be modified and/or used for any application other than for which it was designed. If you have any questions relative to its application **DO NOT** use this product until you have written Delta Machinery and we have advised you.

Delta International Machinery Corp.  
Manager of Technical Services  
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## WARNING: FAILURE TO FOLLOW THESE RULES MAY RESULT IN SERIOUS PERSONAL INJURY.

1. **THIS** product is designed to be used as a work stand for miter saws and bench tools. Any misuse or abuse can result in product damage or personal injury.
2. **DO NOT** stand on work table or use support extensions as ladder or scaffolding.
3. **MAKE SURE** the miter saw or bench tool is properly secured to work stand before operating.
4. **PLACE** stand on flat and level surface in order to limit product rocking or tipping.
5. **BE CAREFUL** when raising or lowering extensions to limit any finger pinch point.
6. **MAKE CERTAIN** that extension work supports are properly locked in place before operating.



# UNPACKING

Carefully unpack the Work Stand and all loose items from the carton. Fig. 1 illustrates all loose items supplied with the Work Stand.

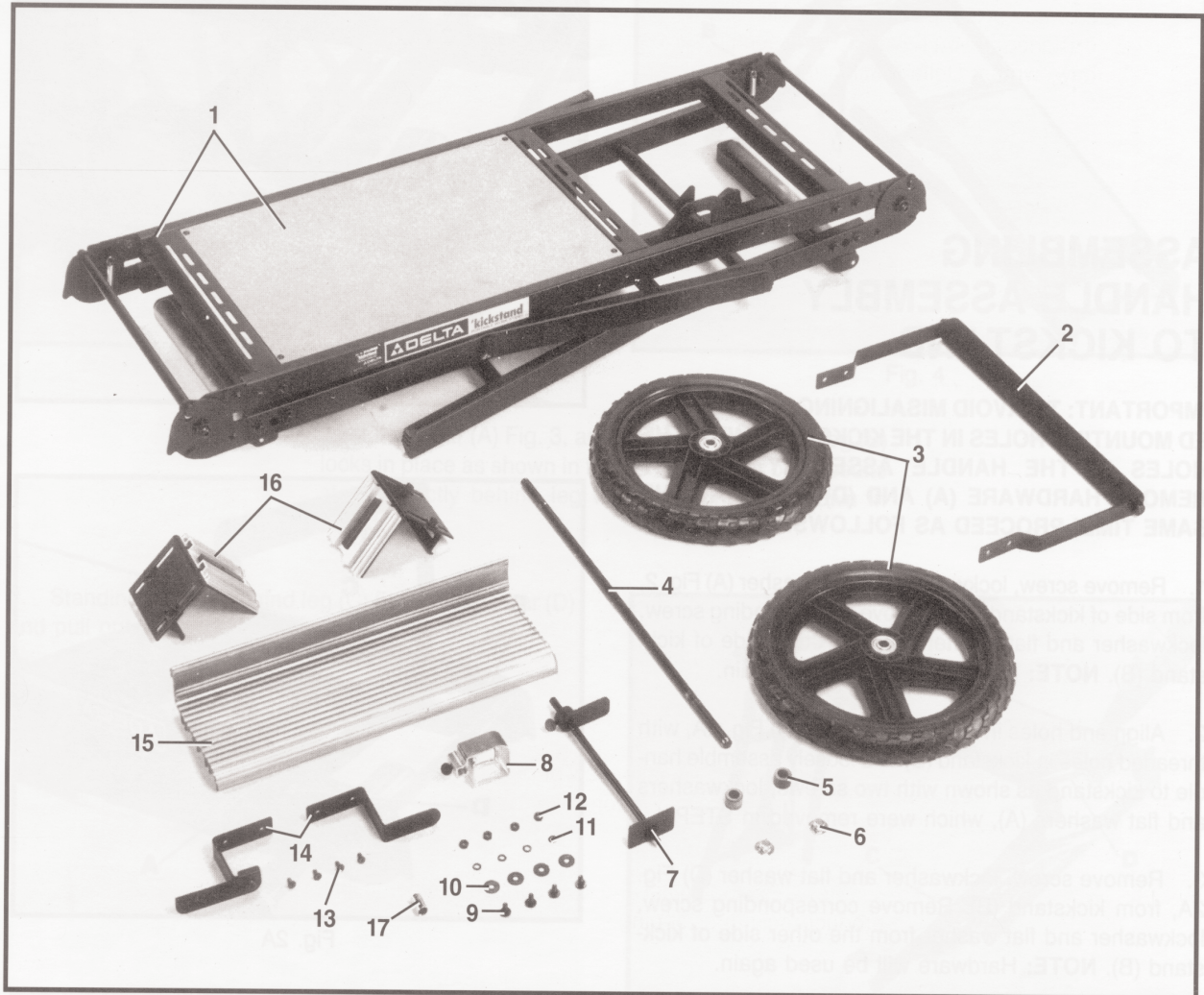


Fig. 1

- |   |   |
|---|---|
| 1 - Work Stand  | 11 - M6 Lock Washers (for mounting Table Extension Mounting Brackets to work stand)                     |
| 2 - Handle Assembly   | 12 - M6 Hex Nuts (for mounting Table Extension Mounting Brackets to work stand)                         |
| 3 - Wheels  | 13 - M5 x 12 Socket Button Cap Screws (for mounting Cord Wrap Brackets to work stand)                   |
| 4 - Axle  | 14 - Cord Wrap Brackets   |
| 5 - Spacer For Axle (2)   | 15 - Table Extension  |
| 6 - Axle Cap (2)  | 16 - Table Extension Mounting Brackets  |
| 7 - Stock Lift Inhibitor  | 17 - 10mm Socket with 3/8" Drive (for assembly and adjustment of the table extension mounting brackets) |
| 8 - Stock Stop  |   |
| 9 - M6 x 12 Carriage Bolts (for mounting Table Extension Mounting Brackets to work stand) |   |
| 10 - M6 Flat Washers (for mounting Table Extension Mounting Brackets to work stand)       |   |



# ASSEMBLY INSTRUCTIONS

## ASSEMBLING HANDLE ASSEMBLY TO KICKSTAND

**IMPORTANT: TO AVOID MISALIGNING THE THREADED MOUNTING HOLES IN THE KICKSTAND WITH THE HOLES IN THE HANDLE ASSEMBLY, DO NOT REMOVE HARDWARE (A) AND (D) FIG. 2, AT THE SAME TIME! PROCEED AS FOLLOWS:**

1. Remove screw, lockwasher and flat washer (A) Fig. 2, from side of kickstand (B). Remove corresponding screw, lockwasher and flat washer from the other side of kickstand (B). **NOTE:** Hardware will be used again.
2. Align end holes in handle assembly (C) Fig. 2A, with threaded holes in kickstand (B) and loosely assemble handle to kickstand as shown with two screws, lockwashers and flat washers (A), which were removed in STEP 1.
3. Remove screw, lockwasher and flat washer (D) Fig. 2A, from kickstand (B). Remove corresponding screw, lockwasher and flat washer from the other side of kickstand (B). **NOTE:** Hardware will be used again.
4. Lower handle assembly (C) Fig. 2B, until remaining holes in handle line up with threaded holes in kickstand (B) and fasten handle assembly to kickstand as shown with two screws, lockwashers and flat washers (D), which were removed in STEP 3.

Tighten all handle mounting hardware.

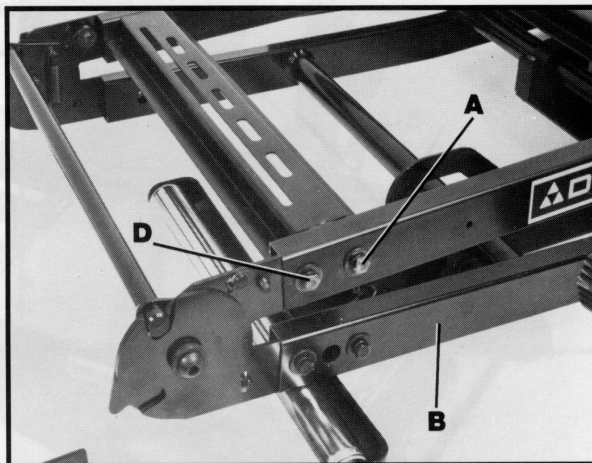


Fig. 2

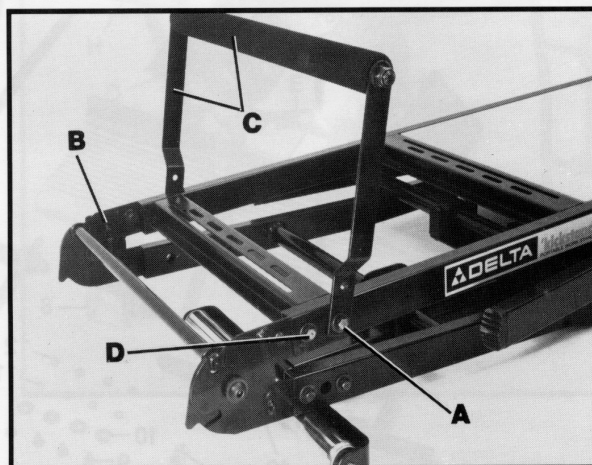


Fig. 2A

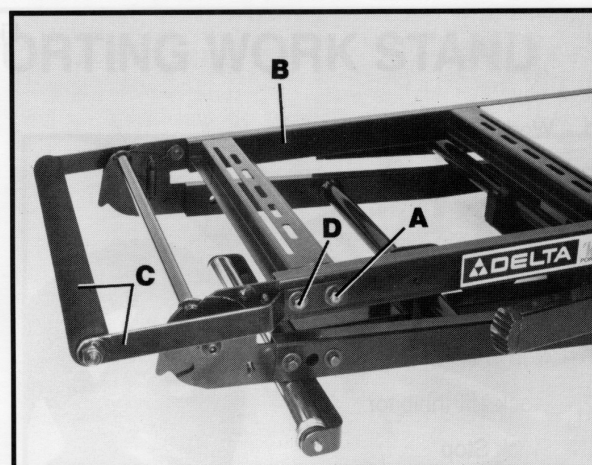


Fig. 2B



## ASSEMBLING WORK STAND

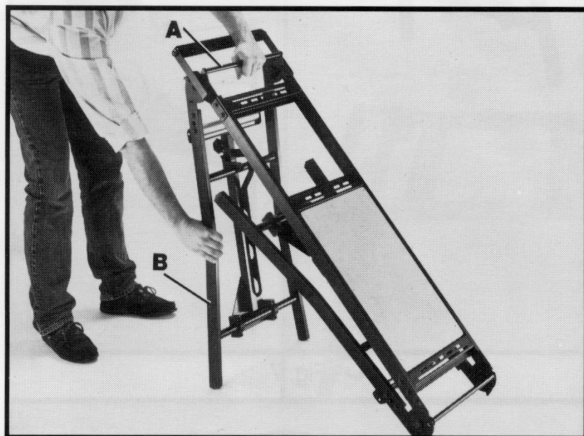


Fig. 3

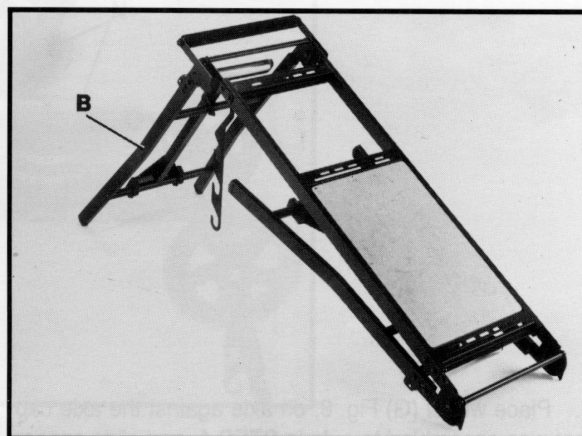


Fig. 4

1. Lift up bar (A) Fig. 3, and pull out leg (B) until leg (B) locks in place as shown in Fig. 4. **NOTE:** For best results stand directly behind leg when opening, as shown in Fig. 3.

2. Standing directly behind leg (C) Fig. 5, lift up bar (D) and pull out leg (C) until it locks in place.

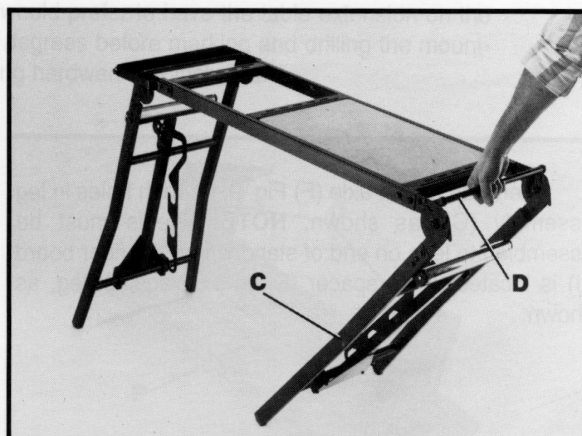


Fig. 5

3. Fig. 6, illustrates the work stand in the upright position with the two legs locked in place.

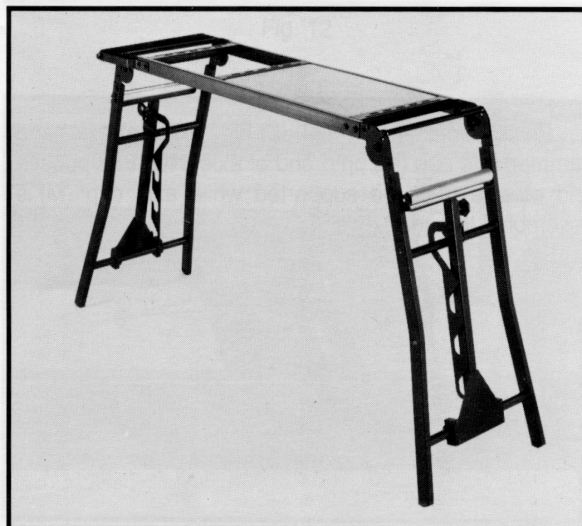


Fig. 6

4. Locate axle and axle cap and hammer axle cap (E) onto one end of axle (F), as shown in Fig. 7.

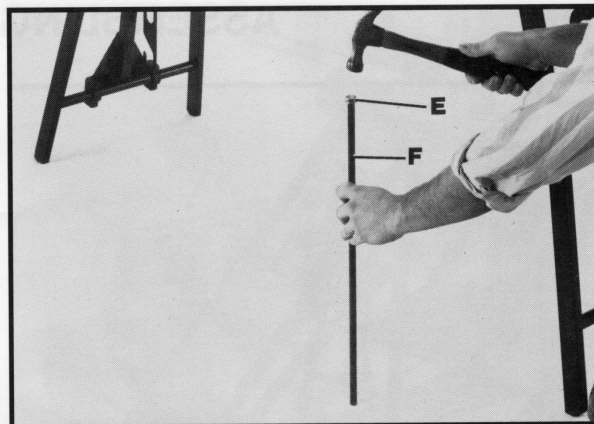


Fig. 7

5. Place wheel (G) Fig. 8, on axle against the axle cap that was assembled to axle in **STEP 4**, and slide spacer (H) on axle and against wheel, as shown.

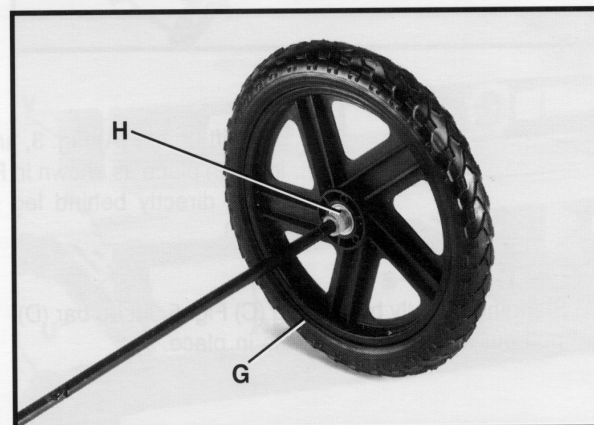


Fig. 8

6. Insert free end of axle (F) Fig. 9, through holes in leg assembly (C), as shown. **NOTE:** Wheels must be assembled to legs on end of stand where the fiber board (J) is located. Slide spacer (K) on axle against leg, as shown.

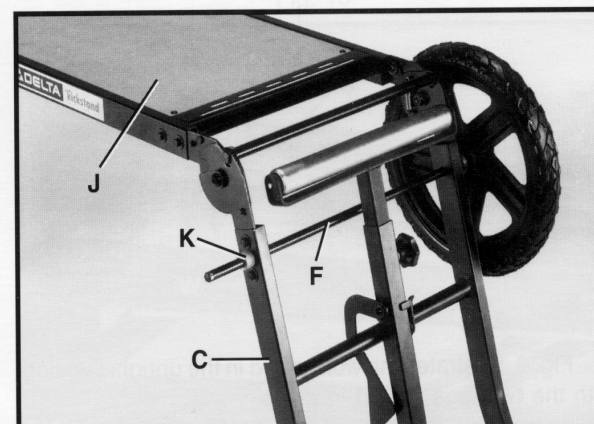


Fig. 9

7. Place remaining wheel (L) Fig. 10, on axle and hammer axle cap (M) onto end of axle. **NOTE:** Opposite end of axle must be supported while axle cap (M) is assembled to end of axle.

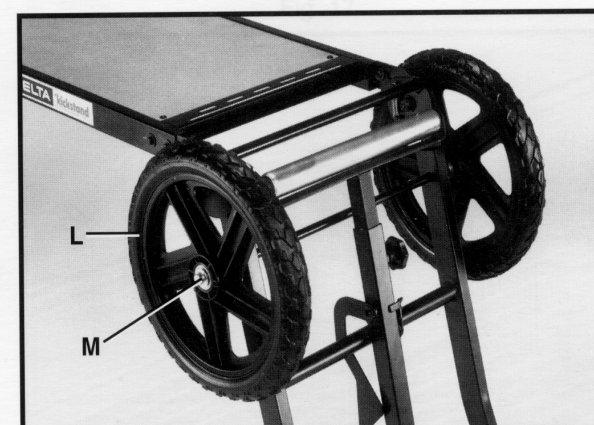


Fig. 10



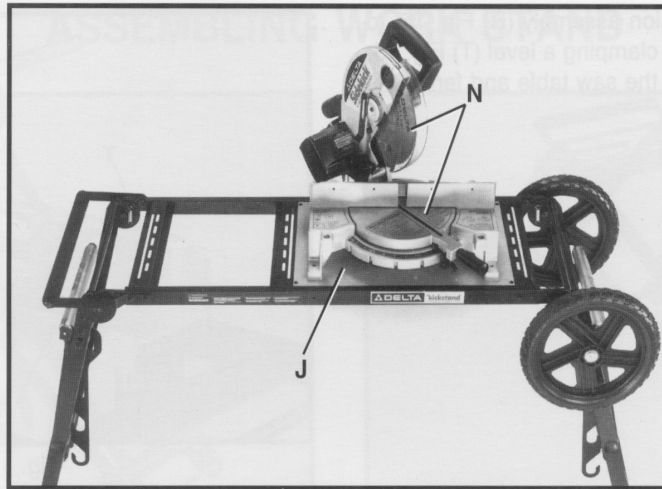


Fig. 11

8. This work bench is designed to be used with miter boxes, compound miter saws and various bench tools. In the following instructions we are illustrating the 36-090 Delta Sidekick 10" Motorized Miter Box being mounted to the work bench. Instructions for mounting other miter boxes, compound miter saws and various bench tools to the work bench will be similar to the following:

9. Place the saw (N) Fig. 11, on the fiber board (J), as shown. Center the base of the saw on the fiber board and mark and drill mounting holes in the fiber board. **NOTE:** A table extension will later be mounted to the left hand side of the saw. If you would prefer to have the table extension on the right hand side of the saw, simply turn the saw 180 degrees before marking and drilling the mounting holes. Fasten the saw to the fiber board. Mounting hardware not included.

10. Slide the two mounting brackets (O) Fig. 12, onto the bottom of table extension (P), as shown. A key is supplied on the mounting brackets that engage with the keyway underneath the table extension. Mounting brackets (O) should be loosely assembled to the table extension at this time.

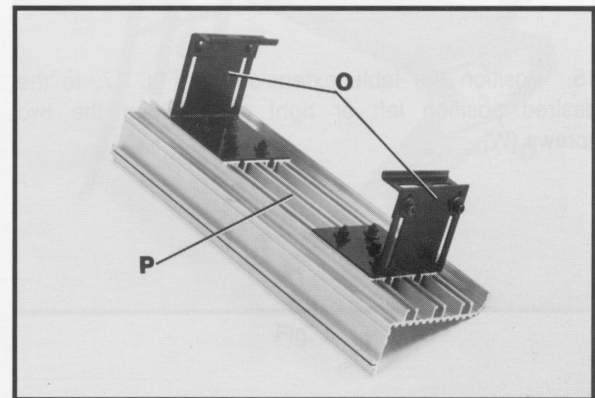


Fig. 12

11. Place the table extension assembly (R) onto the two tracks of the work stand, as shown in Fig. 13. Use four carriage bolts, two of which are shown at (S) Fig. 14, flat washers, lockwashers and nuts and lightly fasten the mounting brackets to the work stand. **NOTE:** A 10mm socket with a 3/8" drive is supplied to aid in making the necessary adjustments where it is necessary to loosen and tighten the metric hardware supplied with the work stand.

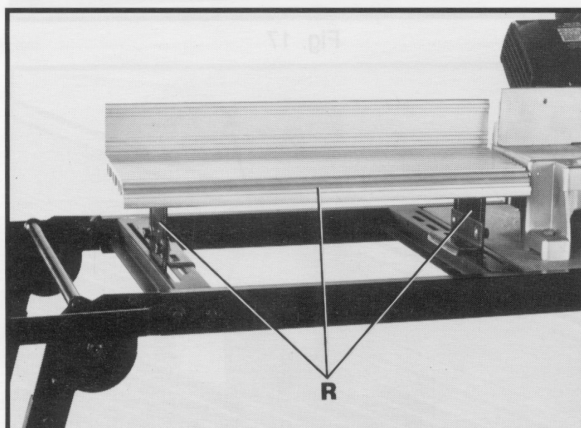


Fig. 13

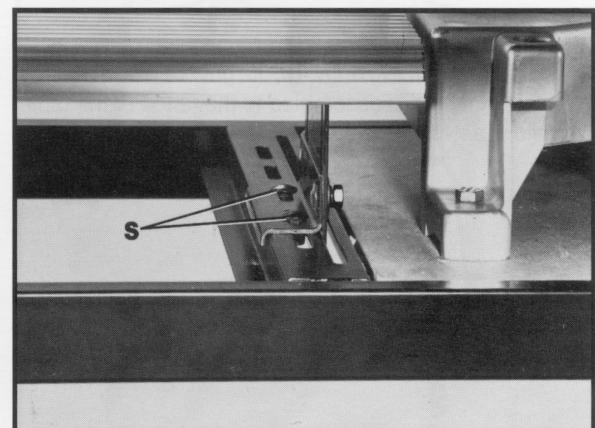


Fig. 14

12. Align the table extension assembly (R) Fig. 15, to the saw table and fence by clamping a level (T) Fig. 15, or suitable straight edge to the saw table and fence, as shown.

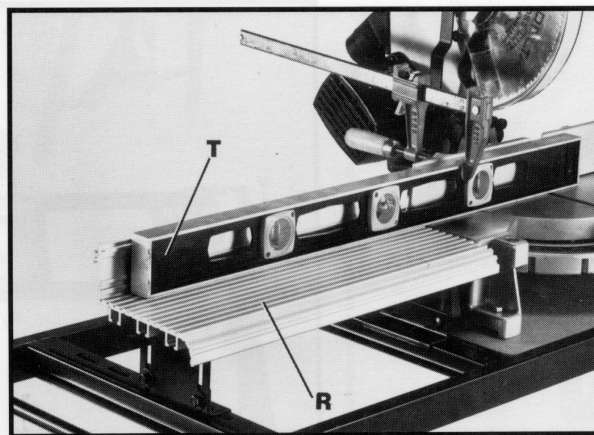


Fig. 15

13. Adjust the height of the table extension (R) Fig. 16, to be in line with the saw table by loosening the four nuts, three of which are shown at (U), and raise or lower the table extension (R). When the surface of the table extension is in line with the saw table, tighten the four nuts (U).

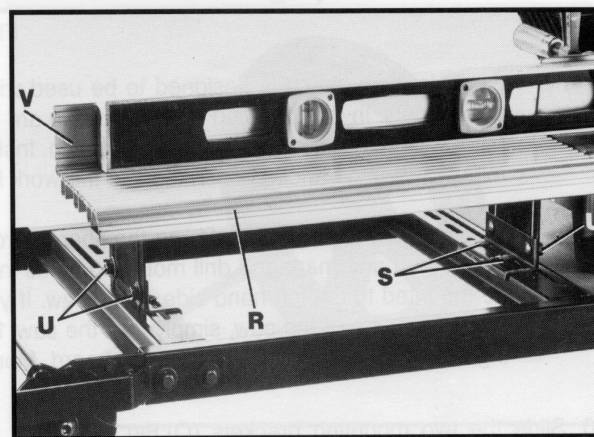


Fig. 16

15. Position the table extension (R) Fig. 17, to the desired position left or right and tighten the two screws (W).

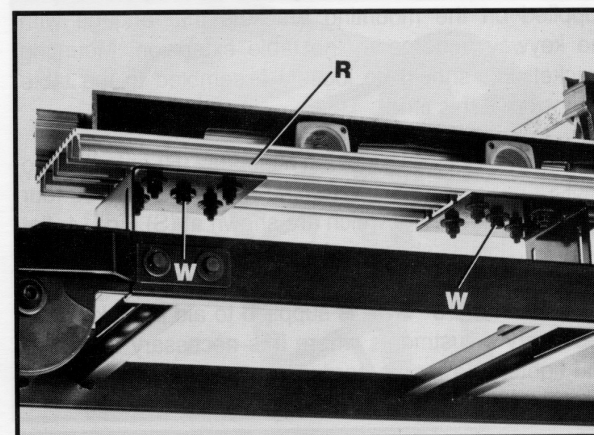


Fig. 17

16. A stock stop (X) Fig. 18, is provided for making repetitive cuts and is assembled to the fence of the table extension, as shown.

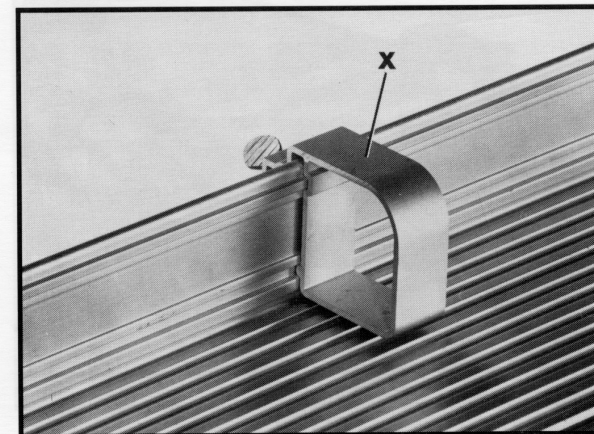


Fig. 18



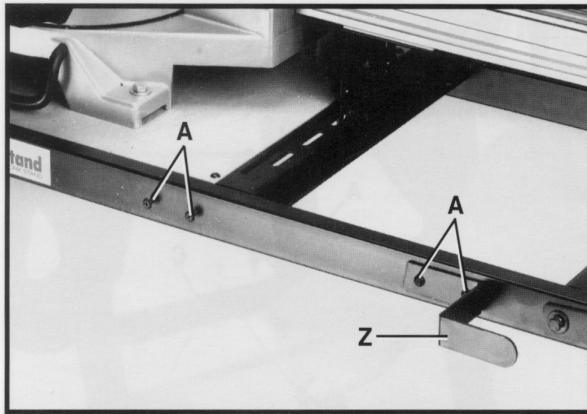


Fig. 19

17. Assemble right cord wrap bracket (Z) Fig. 19, to the rear of the work stand as shown using two 16mm long self-tapping screws (A).

18. **NOTE:** Before assembling the left cord wrap bracket to the rear of the work stand and to make assembly easier, start the remaining two 16mm long self-tapping screws (A) Fig. 19, into the two holes at the back of the work stand to create a threaded hole. Back the screws (A) Fig. 19, out of the holes and assemble the left cord wrap bracket (Y) Fig. 20, to the work stand using the same two screws (A).

19. Fig. 21, illustrates an extension cord (B) wrapped on the brackets (Y) and (Z).

20. For fast removal of the extension cord, simply rotate arm (Y) Fig. 22, of left hand cord wrap to the right as shown. This allows the extension cord (B) to be removed all at once, eliminating the need to unravel it.

21. Assemble the stock lift inhibitor (D) Fig. 23, to the frame of the work stand as shown. Fasten the inhibitor (D) from underneath using the special plate, flat washer and nut supplied. **IMPORTANT:** The post of the inhibitor (D) must be behind the fence of the saw so as not to interfere with the workpiece.

22. The stock lift inhibitor (D) Fig. 24, is used to prevent the cut-off workpiece from tilting up and falling off the table after it has been cut. It is only effective when the center of gravity of the cut-off piece extends out beyond the roller extension.

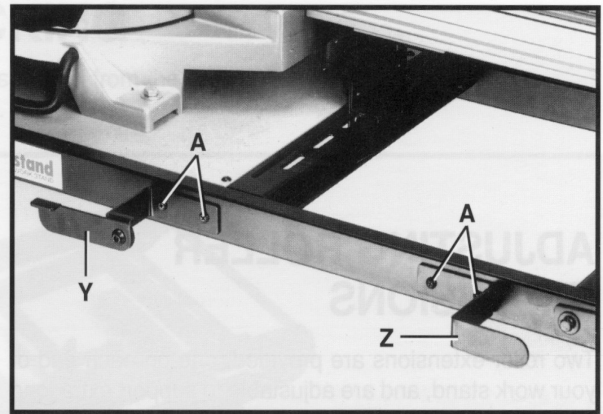


Fig. 20

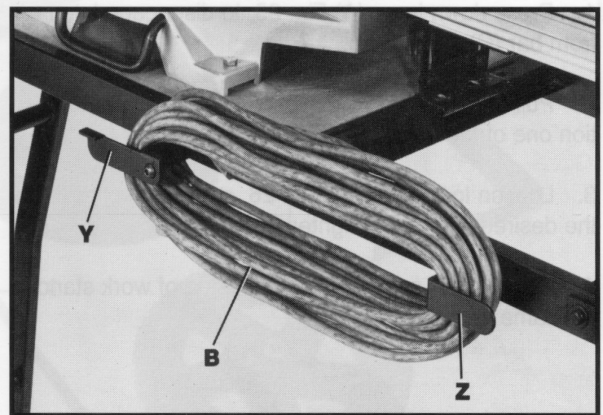


Fig. 21

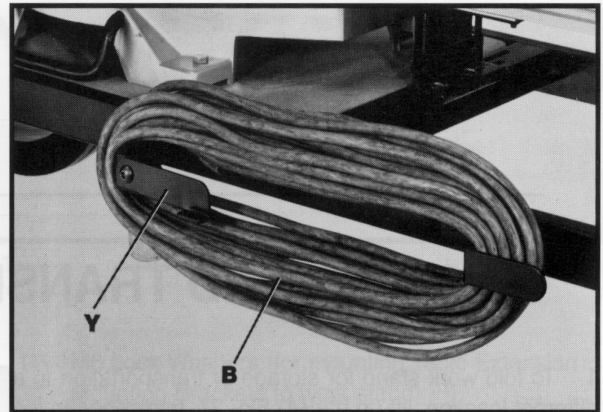


Fig. 22

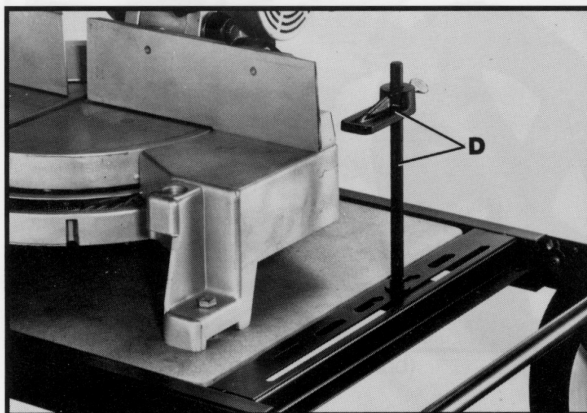


Fig. 23

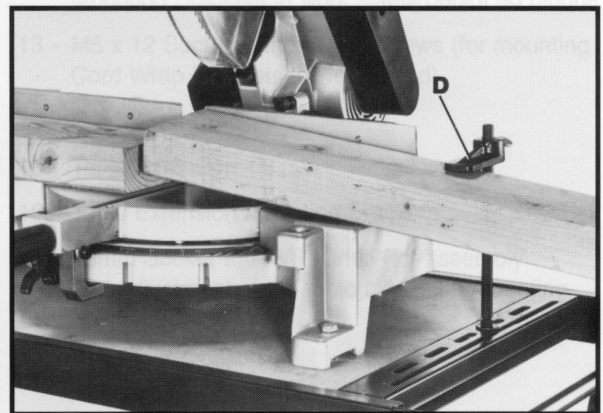


Fig. 24

## ADJUSTING ROLLER EXTENSIONS

Two roller extensions are provided, one on each end of your work stand, and are adjustable to support extra long workpieces. Adjust the roller extensions as follows:

1. Press down lever (A) Fig. 25, to disengage latch (B) from bar (C) as shown.
2. Pull out arm (D) Fig. 26, of roller extension and position one of the three stops in bar (E) onto bar (F).
3. Loosen lock knob (G) Fig. 26, and raise roller (H) to the desired height and tighten knob (G).
4. Adjust roller extension on right side of work stand in the same manner.

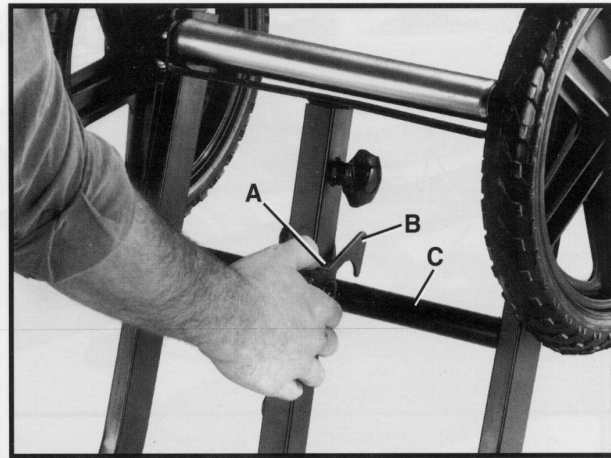


Fig. 25

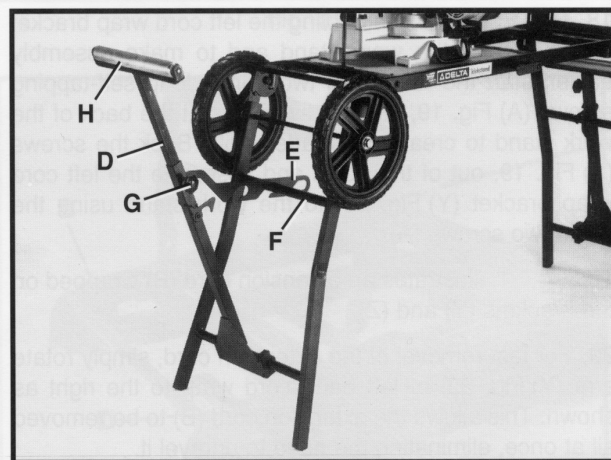


Fig. 26

## FOLDING AND TRANSPORTING WORK STAND

1. To fold work stand for storage or transportation to a different location, lift up bar (A) Fig. 27, to disengage leg lock. **IMPORTANT:** Leg on wheel end of work stand should be folded first.

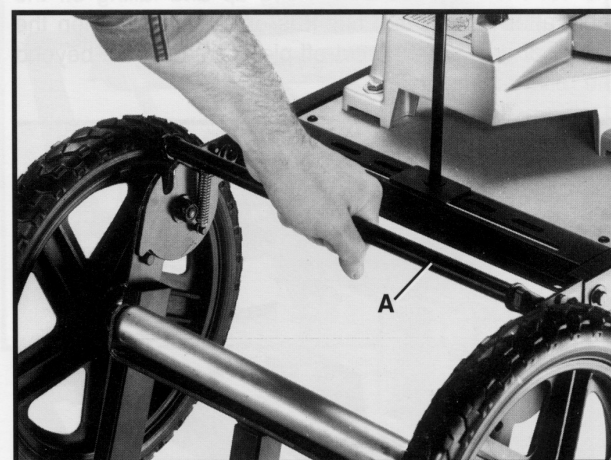


Fig. 27



2. Fold leg assembly (B) underneath stand as shown in Fig. 28.



Fig. 28

3. Lift up bar (C) Fig. 29, to disengage leg lock on remaining leg (D) and fold leg (D) underneath stand.



Fig. 29

4. Using handle (E) Fig. 30, the work stand can easily be wheeled to the desired location.



Fig. 30



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