



**POWER EQUIPMENT CORPORATION**

# **10-INCH PORTABLE CONTRACTOR TABLE SAW**



[www.DeltaMachinery.com](http://www.DeltaMachinery.com)

## **ASSEMBLY INSTRUCTIONS ONLY**

**BE SURE TO READ ALL SAFETY AND WARNING INSTRUCTIONS IN THE OWNER'S MANUAL  
PRIOR TO OPERATION OF THIS MACHINE**

**36-6020**



# UNPACKING

## ⚠ WARNING:

- The machine is heavy, two people are required to unpack and lift.
- Use a safety strap to avoid tip over when lifting machine.
- Prior to tool assembly and use, read this manual thoroughly to familiarize yourself with proper assembly, maintenance and safety procedures.

Check shipping carton and machine for damage before unpacking. Carefully remove components in top foam layer. Remove the top layer of foam then remove all components in the bottom layer of foam. Lay out all parts on a piece of cardboard or other clean, flat surface. Two or more people are needed to lift the saw out of the carton. Always check for and remove protective shipping materials around motors

and moving parts. Do not discard shipping carton and packing materials until you have carefully inspected the contents, assembled the machine and are satisfied that it operates correctly.

Compare package contents to Component Parts List and Hardware Package List prior to assembly to make sure all items are present. Carefully inspect parts to make sure no damage occurred during shipping. If any parts are missing, damaged or preassembled, do not assemble. Instead, call DELTA® Customer Care at 1-800-223-7278 for assistance.

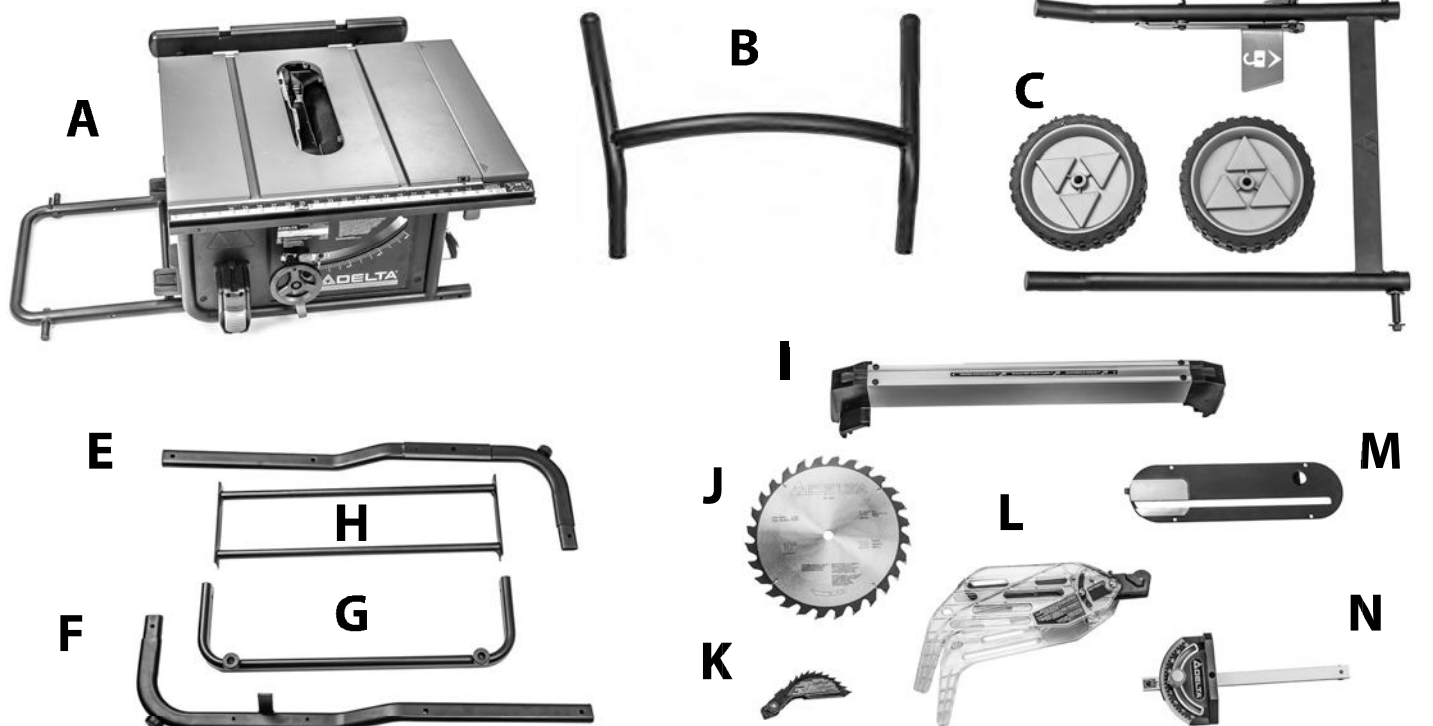
After assembly remove any protective materials and coatings from all of the parts and the table saw. The protective coatings can be removed by spraying WD-40® on them and wiping them off with a soft cloth. This may need to be redone several times before all of the protective coatings are removed completely.

## SHIPPING CONTENTS

- |                               |                           |
|-------------------------------|---------------------------|
| A. Delta #30-6020 10-inch saw | H. Cross Connect Assembly |
| B. Stand Handle               | I. Fence                  |
| C. 8-inch wheel (2)           | J. 10-inch saw blade      |
| D. Pedal Assembly             | K. Anti-Kickback pawls    |
| E. Right Support Rod          | L. Blade guard            |
| F. Left Support Rod           | M. Throat plate           |
| G. Support Rod Connect Tube   | N. Miter Gauge            |

The following items can be found in their respective storage areas located on the saw:

- Blade wrenches (2)
- Push Stick



## UNPACKING (continued)

### CONTENTS OF HARDWARE BAGS 1 & 2

#### Description (QTY)

- AA. M6 x 30 Hex Bolt (4)
- BB. M8 x 67 Carriage Screw (4)
- CC. Plastic Spacer (6)
- DD. M8 Locknut (10)
- EE. M8 x 75 Carriage Screw (2)
- FF. M8 x 35 Carriage Screw (2)
- GG. M8 x 30 Carriage Screw (2)
- HH. 5MM Allen Wrench (1)
- II. M6 x 20 Button Head Hex Socket Screw (2)
- JJ. Wheel Handle Shoulder Screw (1)
- KK. Height adjustment wheel knob



AA



BB



CC



DD



EE



FF



GG



HH



II



JJ



KK

## ASSEMBLY

#### **⚠ CAUTION:**

- Do not lift saw without help. Hold it close to your body while lifting. Keep knees bent and lift with your legs, not your back.
- Fully assemble saw with leg assembly prior to use.
- Leg assembly is an integral and necessary part of the support structure for this saw.
- Do not modify saw, or create accessories not recommended for use with this saw.

- Make sure power switch is in "OFF" position before connecting to power supply. Do not connect to power supply until assembly is complete

#### **⚠ CAUTION:**

- Avoid contact with blade teeth. Keep blade stored or lowered when possible.

### ASSEMBLING THE STAND

Layout the left and right support rod assemblies (E&F) and the cross connect rod assembly (G) as shown in Figure 1.

Insert the tabs on the ends of the support rod assemblies (1a.) into the ends of the support rod connect tube.

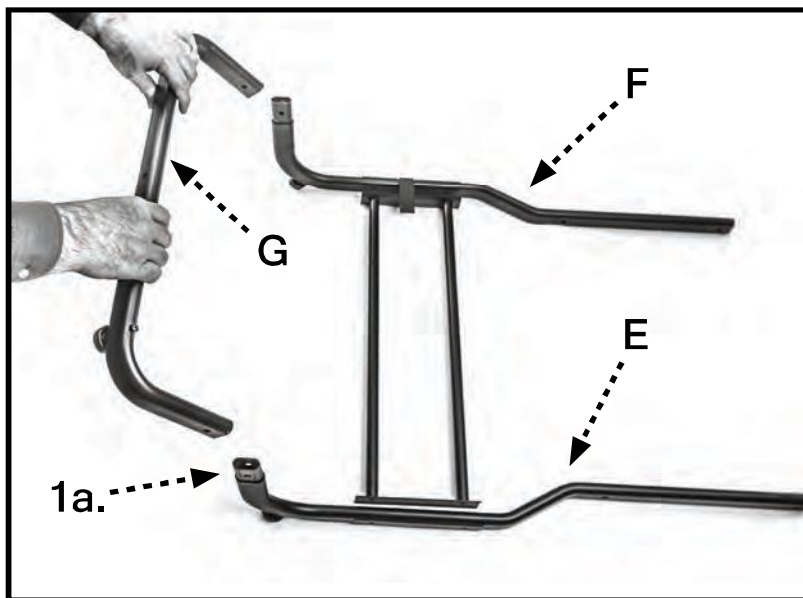


FIGURE 1

Secure the support rod assemblies to the support rod connect tube using two M8 x 30 Carriage bolts and M8 lock nuts. (GG & DD)  
See Figure 2.

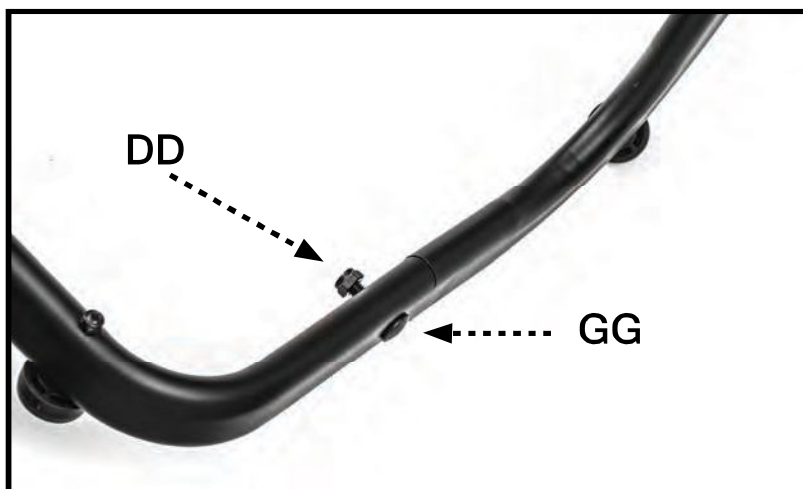


FIGURE 2

Attach the fixed cross rod assembly (H) to the support rod assembly using four M6 x 30 hex bolt. (AA)

See Figure 3.

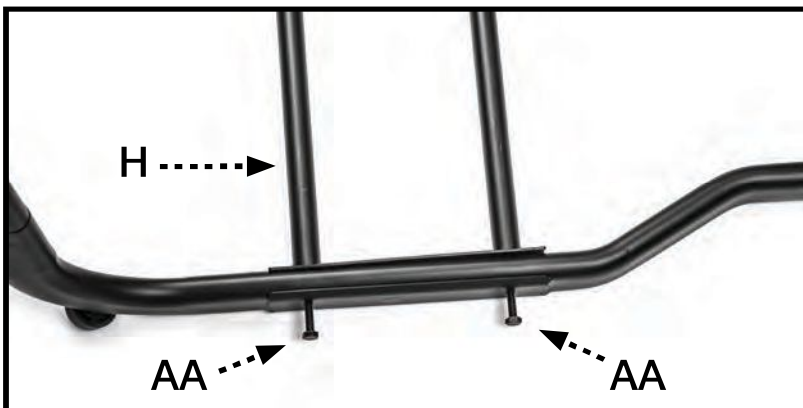


FIGURE 3

### WHEELS

Remove the two M8 lock nuts and two washers from the axles on the pedal assembly as shown in Figure 4.

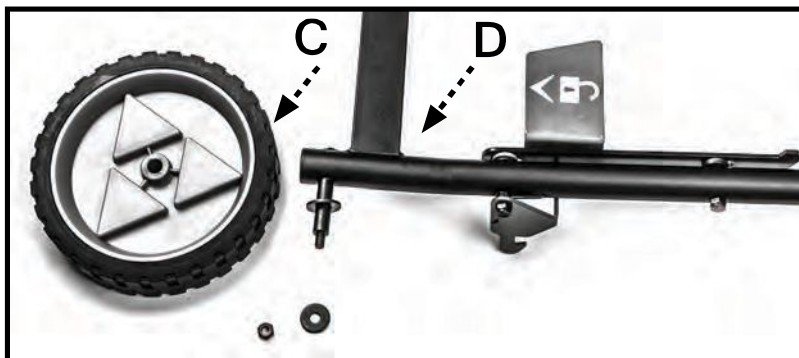


FIGURE 4

Slide the wheels over the axles and secure using the two washers and M8 lock nuts.

See Figure 5.

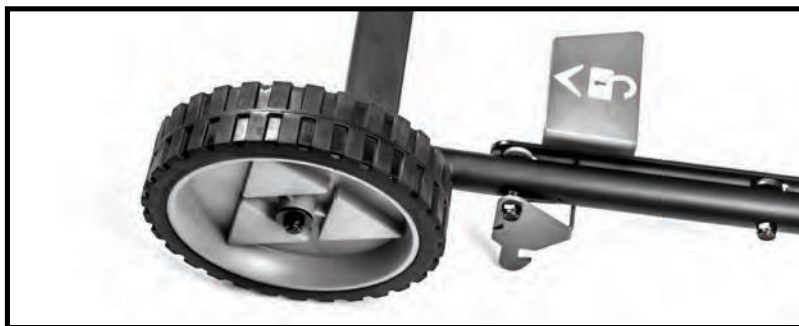


FIGURE 5

### PEDAL ASSEMBLY

Place the saw upside down on a level, clean surface.

Unlock the blade tilt and rotate the motor assembly enough to remove the shipping foam protecting the saw motor as shown in Figure 6.

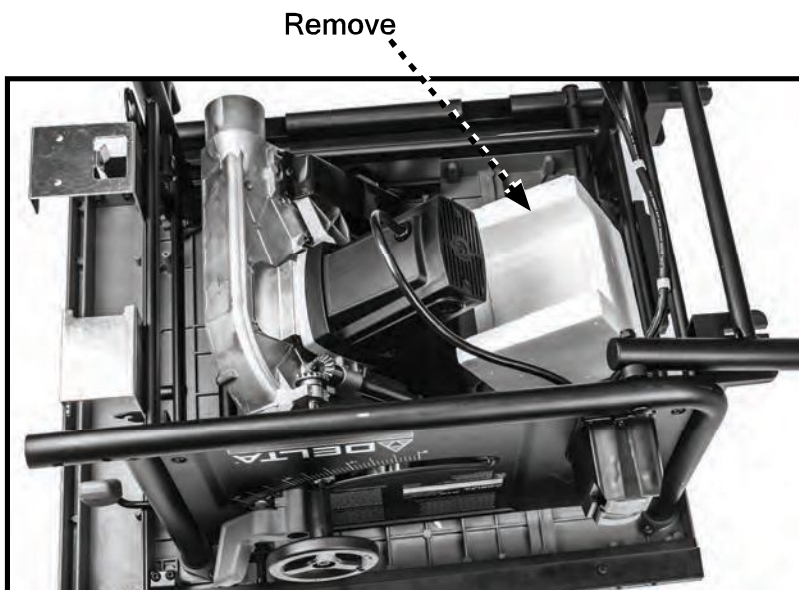


FIGURE 6



## ASSEMBLY (continued)

Attach the pedal assembly (D) to the folding assembly (A) using two M8 x 75 Carriage screws (EE), spacers (CC) and M8 lock nuts (DD). Ensure the ends of the pedal stand are angled down.

See Figures 7 & 8.



FIGURE 7

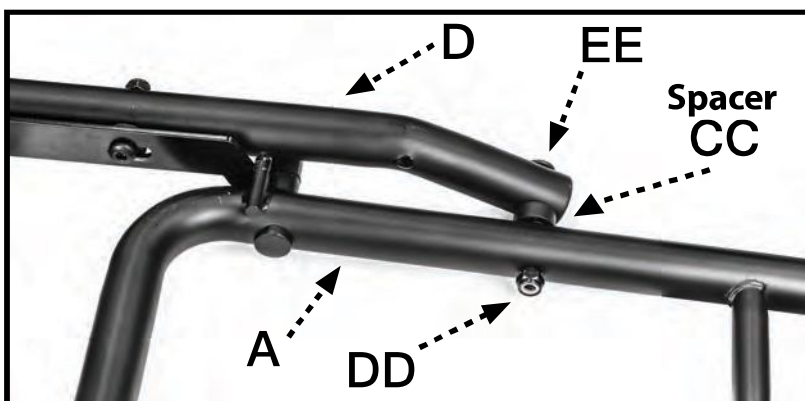


FIGURE 8

Place the sides of the support rod assembly (E&F) so they are outside of the pedal assembly (D) and the feet are pointing down.

At any time, to aid in assembly, refer to front cover of this manual for completed saw

Align the hole in the support rod assembly with the hole in the pedal assembly.

Secure using two M8 x 67 carriage bolts (BB), spacers (CC) and M8 lock nuts (DD).

See Figure 9.

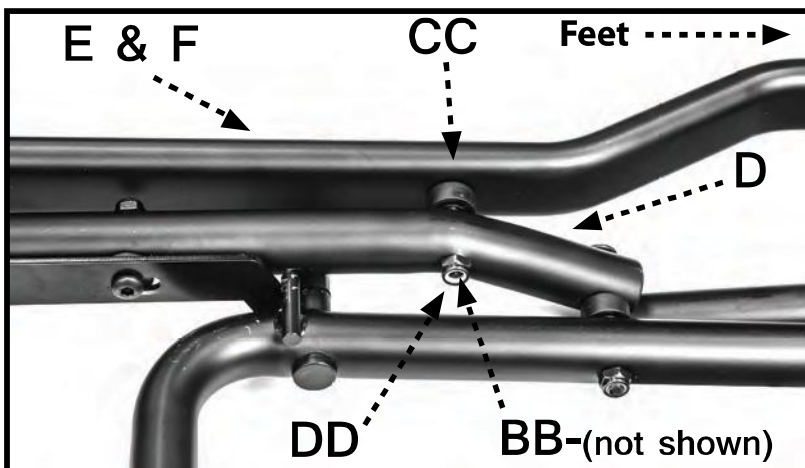


FIGURE 9

## ATTACH STAND TO THE SAW

Carefully turn the saw and stand on its side so that it is resting on the rear table extension as shown in Figure 10.

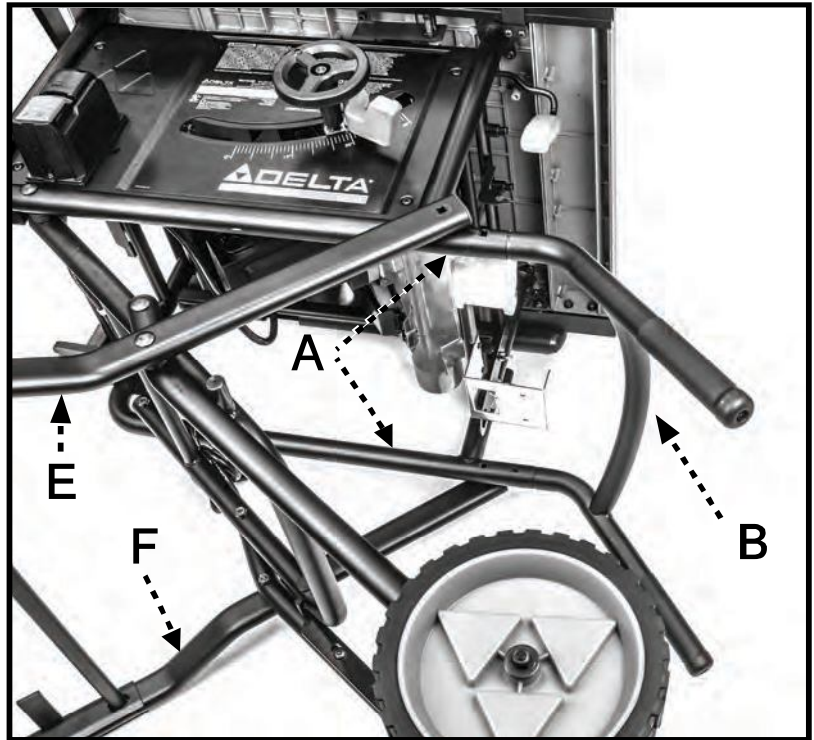


FIGURE 10

Refer to Figure 11.

Push the open ends of the handle (B) into the ends of the fixed rod supports (A).

Attach the right and left support rod assemblies (E or F) to the fixed rod supports (A) on the saw as shown.

Secure the handle to the fixed rod using two M8 x 35 carriage screws (FF) and lock nuts (DD).

Secure the ends of the support rod assembly to the handle assembly using two M8 x 67 carriage screws (BB), spacers (CC) and lock nuts (DD).

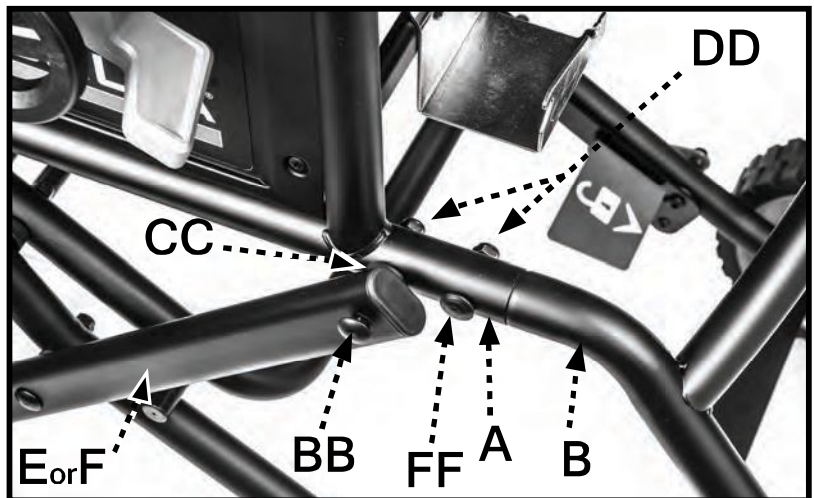


FIGURE 11

### NOTE:

Ensure the spacer is between the support rod assembly and the handle as shown in Figure 12.

**NOTE:** Make sure all hardware is tight but not overtight. The amount of tightening applied to pivoting joints will affect the stand operation.



FIGURE 12

### BLADE AND GUARDS

#### Attach the Blade

Detach the on-board wrenches located on the right side of the saw by loosening and removing the M8 wing nut.

Remove the riving knife by loosening the riving knife lock knob (1) until it stops. Push the spring-loaded lock knob in and remove the riving knife (2) by pulling it up and towards the front of the saw.

See Figure 13.

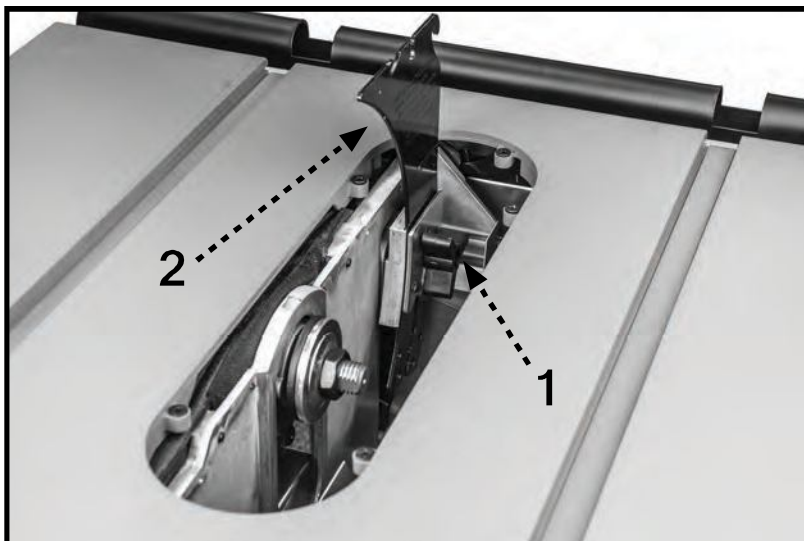


FIGURE 13

Place the open-ended wrench (a) on the spindle shoulder between the arbor flange and inner flange. Place the closed end wrench (a) over the arbor nut. (3) Holding the spindle shaft in place, loosen and remove the arbor nut and arbor flange.

See Figure 14.

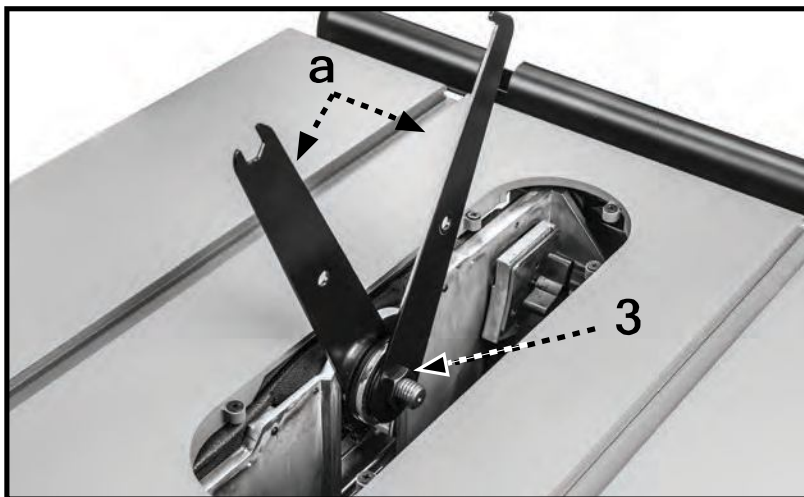


FIGURE 14

Place the blade on the arbor shaft with the front teeth facing down. (J) (The label on the blade should be on the left)

Replace the arbor flange and secure the arbor nut using both wrenches.

Replace the riving knife.

Replace the on-board wrenches and attach to the saw and secure with the wing nut.

See Figure 15.

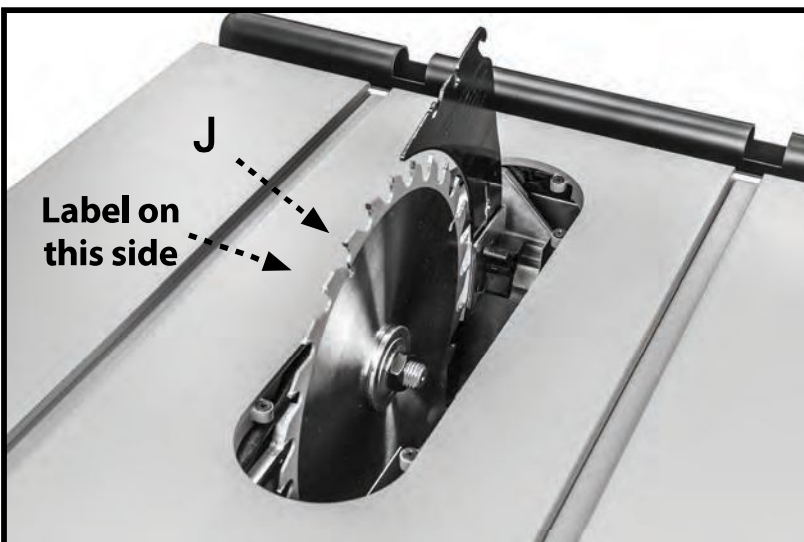


FIGURE 15



## ASSEMBLY (continued)

### Insert Throat Plate

Refer to Figure 16.

Place the throat plate (M) in place with the wear plate on the rear.

Engage the rear tab on the throat plate with the table and press the front end down until the front tab engages with the table.

Level the throat plate to the table top using (4) flat head screws. See Figure 37 on page 27.

**NOTE:** There is a fifth flat head screw under the throat plate that is adjusted to provide support under the wear plate. Adjust this screw as needed to provide support.

**NOTE:** Do not attempt to secure the throat plate to the table using the throat plate levelling screws.

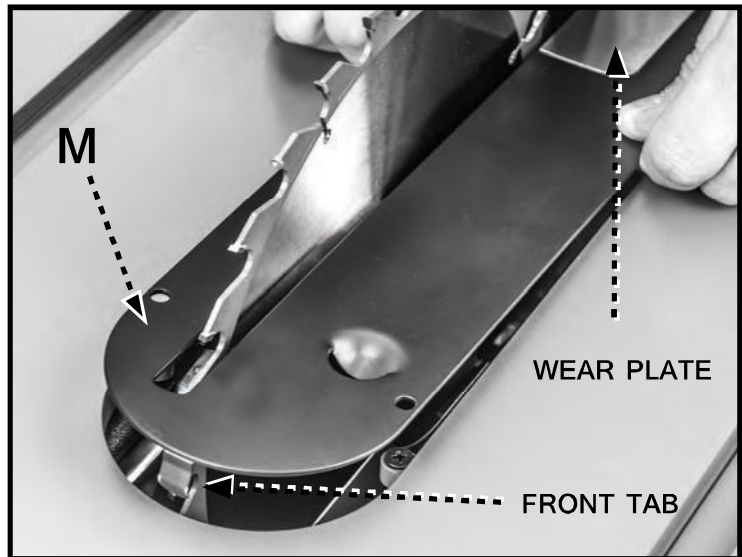


FIGURE 16

### Anti-Kickback Pawls and Blade Guard

Insert the pawl assembly over the rearmost slot on the riving knife as shown in Figure 17 and press the spring-loaded pin on the right side of the pawl assembly.

Once inserted, release the spring-loaded pin so that it pops back into place. Ensure it is locked in place.

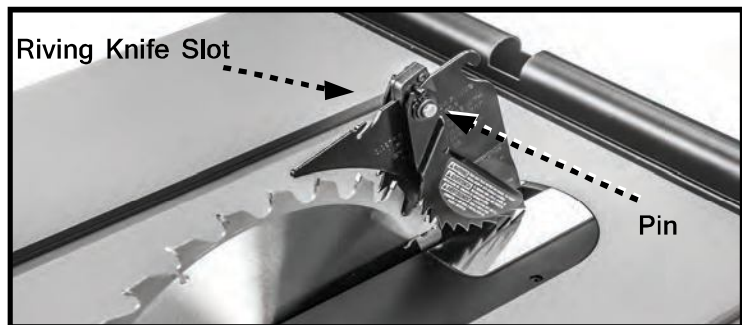


FIGURE 17

Hold the blade guard assembly as shown in Figure 18 and engage the pin with the slot in the riving knife. Pull blade guard assembly up in to place.

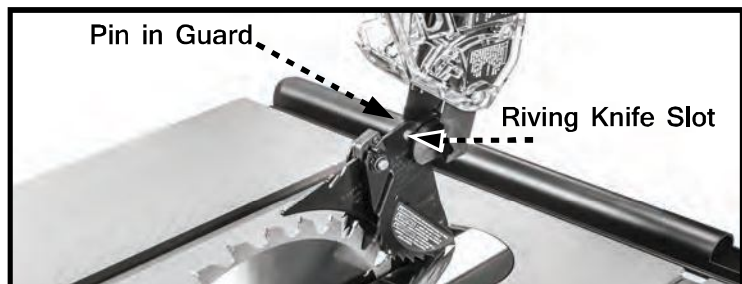


FIGURE 18

Rotate the blade guards so that the support arms are parallel to the table. Then lock the blade guard in place by depressing the lock tab.

See Figure 19.



FIGURE 19

## ASSEMBLY (continued)

### Out-Feed Support Stops

Refer to Figure 20.

Extend the rear table extension to expose the two holes (A). Insert an M6 x 20 button head hex socket screw (II) from underneath, tighten with the supplied 5MM Allen wrench.

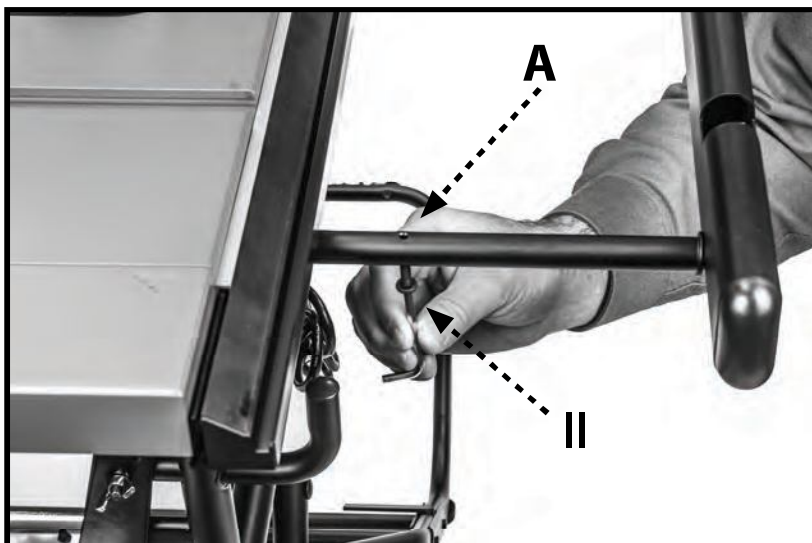


FIGURE 20

### Fence

Position the fence over the front and rear rails. Ensure the fence locks are in the unlocked (up) position.

Lower the rear end of the fence onto the rear rail and ensure the locking tab on the fence fits underneath the rear rail. Repeat for the front rail.

Depress both fence locks to tighten the fence into place.

See Figure 21.



FIGURE 21

## ON-BOARD STORAGE

Storage is located on the left panel, right panel and back side of the tool as shown in Figures 22 & 23.

- b. Push stick
- K. Anti-kickback assembly
- a. Wrenches
- L. Blade guard assembly
- I. Fence
- N. Miter gauge
- Electrical cord



FIGURE 22

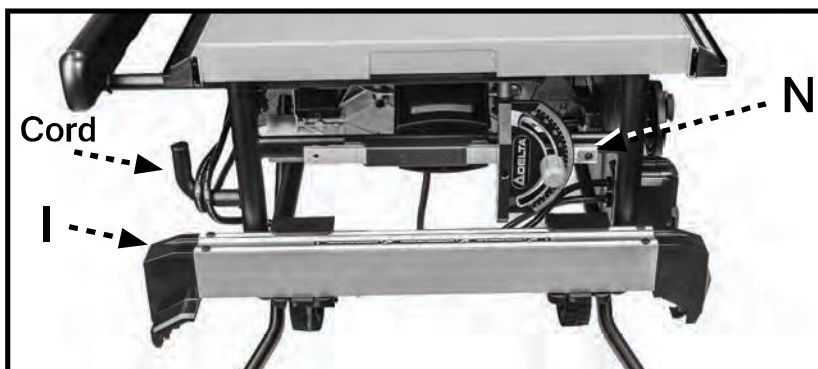


FIGURE 23

## Height Adjustment Knob Installation

1. Insert wheel handle shoulder screw (JJ) in to height adjustment wheel knob (KK) as shown in Fig. 1
2. Tighten shoulder screw with Philips Screw driver into the Hand Wheel. Height adjustment wheel knob should rotate freely around shoulder screw when raising or lowering the blade with the Height Adjustment Hand Wheel.

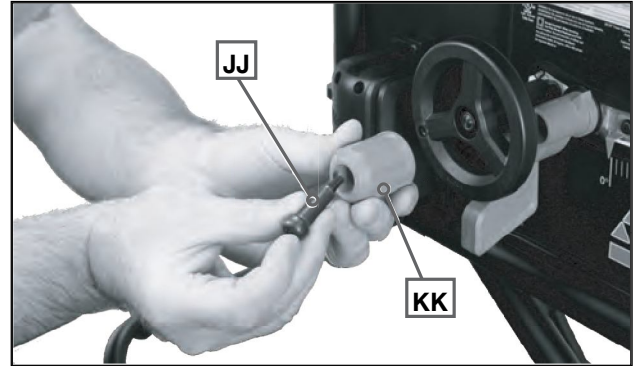


Fig. 1

## OPERATION

**⚠ WARNING:** Failure to comply with the following the warnings may result in serious personal injury.

**READ ENTIRE MANUAL.** In addition to reading these operating instructions, it is important to read and understand the entire manual **before operating this saw**. Follow all applicable instructions regarding assembly, preparation, and adjustment prior to making any cuts and comply with all safety rules and warnings in this section and elsewhere throughout this manual.

1. Each time you use the saw, run through the following checklist:
  - Are the power source and power connections adequate for the saw?
  - Are the saw and work area free of clutter and by-standers?
  - Is the blade tight and properly aligned?
  - Does the riving knife thickness match the blade?
  - Are the blade and riving knife properly aligned?
  - Is the operator qualified to make the cut and familiar with all of the relevant safety rules, warnings and instructions included in this manual?
  - Is the operator and everyone in proximity to the saw wearing appropriate eye, hearing and respiratory equipment?
  - Are the bevel angle and height adjustment knobs locked in the proper position?
  - Is the blade set at the proper height?
  - If ripping, is the rip fence parallel to the blade and securely locked in position?
  - If crosscutting, is the miter gauge knob tight?
  - If making through cuts with a standard blade, are the blade guard riving knife and anti-kickback pawls properly attached and properly functioning with both guards contacting the table surface?
  - Is there proper clearance and support for the workpiece as it leaves the blade?
  - Are any cutting aids needed? If so, are they in place, or within reach for proper use?
2. The use of attachments and accessories not recommended by DELTA® Power Equipment Corporation may result in injury.
3. Replace or sharpen the anti-kickback fingers when the points become dull.
4. Make sure saw is stable and cutting can be accomplished without tipping the saw.
5. Never use the fence and miter gauge together without using a cutoff block as previously described.
6. The proper throat plate must be in place at all times.
7. If your saw makes an unfamiliar noise or if it vibrates excessively, cease operating immediately until the source has been located and the problem corrected.
8. Never perform freehand cutting, plunge cutting, re-sawing or cove cutting.

### AVOID KICKBACK

A kickback can occur when the workpiece pinches the blade, or binds between the saw blade and the rip fence or other fixed object. This can cause the workpiece to rise from the table and/or be thrown back toward the operator. See instructions for reducing the risk of kickback on page 7 of this manual.

**IF KICKBACK OCCURS**, turn the saw "OFF" and verify proper alignment of the blade, riving knife and miter gauge or rip fence, and the proper functioning of the riving knife, anti-kickback assembly and blade guard assembly before resuming work.