

## Disassembly of a Sweet Sixteen for Moving

### GO SLOW – THINK AHEAD

#### Minimum Crew:

- Two normal healthy individuals, three if available



### **CAUTION:**

**DO NOT, UNDER ANY CIRCUMSTANCES REMOVE THE HEADSTOCK SECTION FROM THE BED SECTION – ALIGNMENT WILL BE LOST AND YOU WILL NEED TO SEND THE ENTIRE LATHE BACK TO ROBUST FOR REPAIR AND REALIGNMENT.**

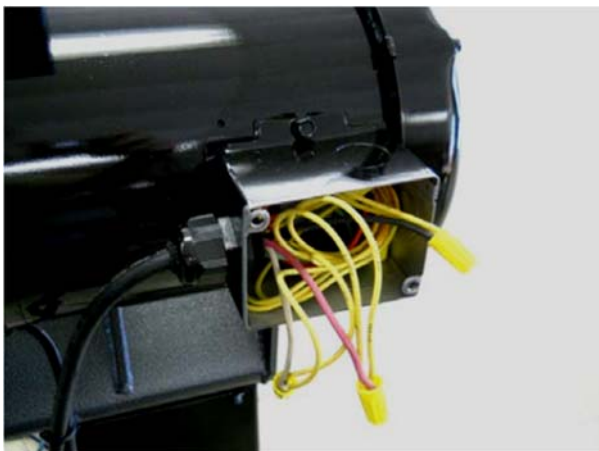
#### Recommended tools:

- 5/32" Allen wrench
- 9/16" deep wall socket with extension
- 3/4" combination wrench (supplied)
- Appliance dolly – the type with a strap
- 1/4" nut driver
- Medium sized channel lock (aka water pump pliers) or adjustable wrench
- Padding of some sort: cardboard, rug scraps or old blanket

**STEP 1:** Remove tailstock and banjo by sliding them off the end of the lathe bed.

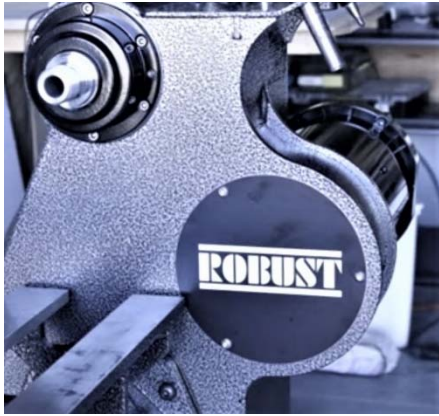
**STEP 2:** Remove gap – loosen bolts on top of gap section with 3/4" wrench and lift the gap out.

**STEP 3: OPTIONAL:** Remove motor. The motor weighs about 35 lbs. If you have good help, leave it on. If you want to get every ounce off the frame you can, then you will want to remove it.



- a. Loosen cord grip going into motor connection box using channel locks or adjustable wrench.
- b. Remove motor connection cover using nut driver.
- c. Remove black, red and white wires from wire nuts one at a time – noting location as each wire is removed. Replace wire nuts as you go on yellow motor lead wires. Leave any other wire nuts alone.
- d. Disconnect green (ground) wire using nut drive.
- e. Remove cord from motor.

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f. Remove “ROBUST” guard using 5/32 Allen wrench.

g. While supporting the motor with one hand (or better yet, have your helper support the motor), use the 9/16 deep well socket with extension to remove the two nuts supporting the motor.

h. Remove motor and set aside.

#### **STEP 4: Remove legs:**

a. Place padding on floor and lay the lathe over on its side – the front side is preferred, that way you aren’t laying it on the wires coming out the back.

b. Remove the bolts holding in the legs with a 9/16 wrench and remove the legs

c. Put pads on the appliance dolly and put the frame on the dolly and take the frame to its new location.

#### **ASSEMBLY IS THE REVERSE OF THE OPERATIONS ABOVE**

#### **ADDITIONAL NOTES:**



We recommend leaving the inverter on. It’s weigh is minimal. If you take it off, be sure to take pictures and detailed notes of where each wire connects.



You can lift the S16 by putting 2x4s under the ways. 3-4 people can usually move the lathe fully assembled this way. Be sure to place one of the 2x4s as close to the headstock as possible, this is where most of the weight is.

#### **REMEMBER TO GO SLOW – THINK AHEAD**