

Disassembly of an American Beauty for Moving

GO SLOW – THINK AHEAD



Recommend Minimum Crew: Three normal healthy individuals

Recommended Tools:

- 5/16" Allen wrench
- 3/32" Allen wrench
- Small straight blade screwdriver
- Appliance dolly – the type with a strap
- A good quality 2x4 about 3' long
- ¼" nut driver if the lathe has a 2HP motor
- 3/8" nut driver if the lathe has a 3HP motor
- Medium sized channel lock (aka water pump) pliers or adjustable wrench
- Padding of some sort: cardboard, rug scrap or old blanket

STEP 1: Remove tailstock and banjo from lathe – simply remove stop bar from Tilt-Away (if equipped) and slide the tailstock and banjo off the end of the lathe.

STEP 2: Remove Spindle Lock Limit Switch

a. Loosen cord grip from cord going into the headstock on back side – underneath using channel locks or adjustable wrench.

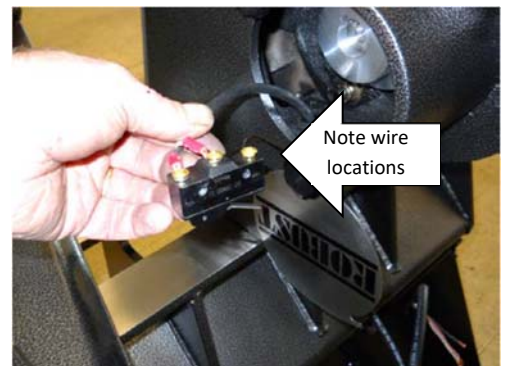
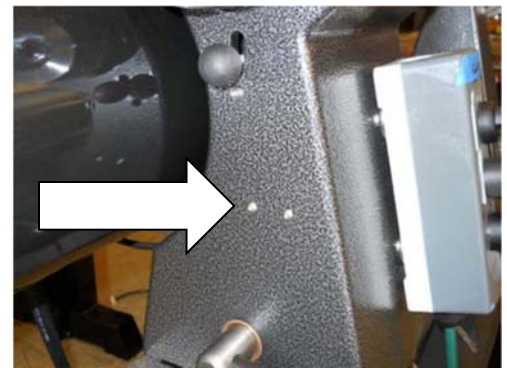
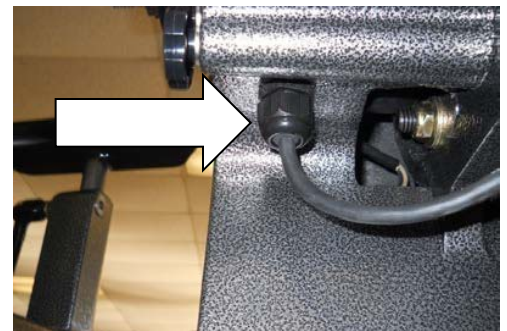
NOTE: If your lathe was pre-wired with an external disconnect in the limit switch cord, you can **skip this step** and simply unplug it.

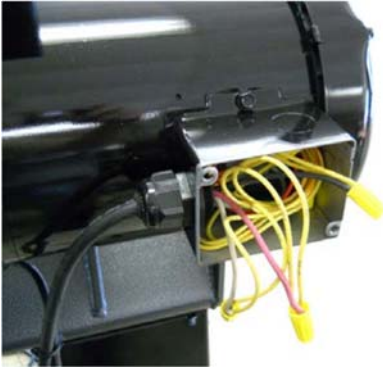
b. Remove two small stainless steel button head screws using 3/32 Allen wrench.

c. Open door on top of headstock, open stainless steel cover with "ROBUST", loosen belt and pull out of the way (see manual if you need further assistance). Reach in and pull out cord with switch attached.

d. Disconnect wires from switch using the screwdriver and note locations.

e. Remove cord from headstock.





STEP 3: Remove Motor Cord

- a. Loosen cord grip going into motor connection box using channel locks.
- 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 the motor lead wires. Leave any other wire nuts alone.
- d. Disconnect green (ground) wire using nut driver.
- e. Remove cord from motor.

STEP 4: Slide Headstock off bed – **MINIMUM TWO PEOPLE** – HEAVY AND AWKWARD – ABOUT 180 lbs.

- a. Put face plate on spindle nose – this protects the spindle and makes a nice handle for one person.
- b. Loosen the headstock clamping lever and tape it in place in the loose position – this keeps it from flopping around when you put the headstock back on.
- c. With one person lifting via the face plate and another on the motor, remove the headstock and put on dolly – use some padding to protect the finish.



STEP 5: Remove gas shock if equipped

- a. Tap/pry spring clips off both ball joints – be careful, they like to jump off and get lost.
- b. Remove gas shock and reinstall clips you removed – they need to be on for reassembly.



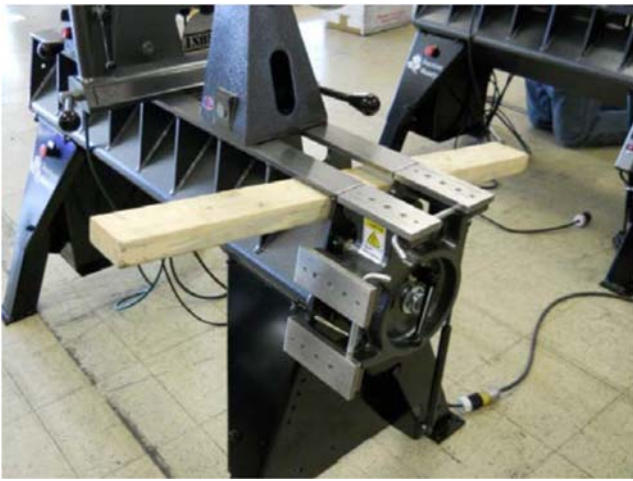
Step 4: Remove leg assemblies from lathe bed.

THREE PERSONS RECOMMENDED

PLEASE NOTE: If equipped with a Tilt-Away, we recommend leaving the Tilt-Away on the lathe bed to preserve alignment

- a. Using the 5/16 Allen wrench, loosen, **but do not remove** the four socket head cap screws holding the leg assembly on the headstock end of the bed.

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- b. Put a good 2x4 through the lathe bed. With one person on each side, lift the lathe just enough to get it off the ground.
- c. The third person removes the cap screws and slides the leg assembly out of the way.
- d. Put padding underneath the lathe bed and lower the lathe bed onto padding.
- e. Repeat on the tilt-away end of the lathe bed, but instead of putting the lathe bed down on the floor, stand the lathe bed up on end – but keep ahold of it!
- f. Put lathe bed on appliance dolly and strap it securely. Use padding to protect the finish.

Step 5: Move components to new location.

Step 6: Reassemble the lathe. Reassembly is essentially the reverse of disassembly. The gas shock just snaps on with clips in place, but may need a tap to snap on. When putting the switch back in the headstock, using the Allen wrench to line up the holes may be helpful. When finished and the lathe is in position, go through the settling procedure outlined in the manual.

REMEMBER: GO SLOW – THINK AHEAD