

Disassembly of an American Beauty for Moving.

GO SLOW – THINK AHEAD

Recommend Minimum Crew:

- Three normal healthy individuals

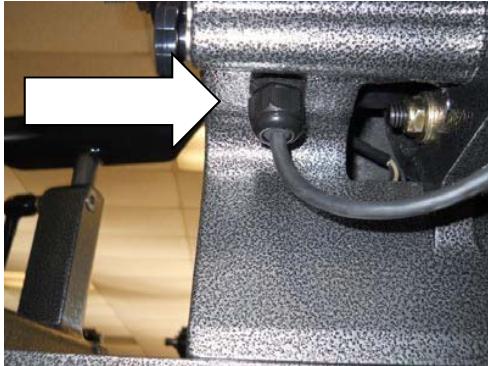
Tools:

- 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

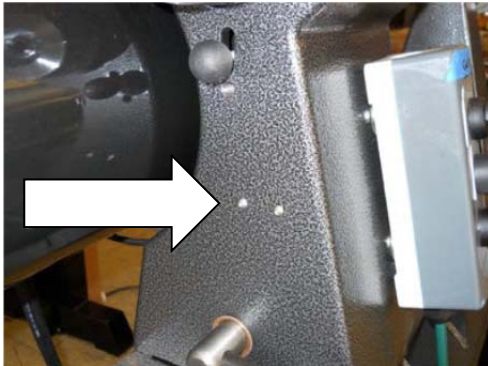
Step 1: Remove tailstock and banjo from lathe.

Step 2: Remove Headstock

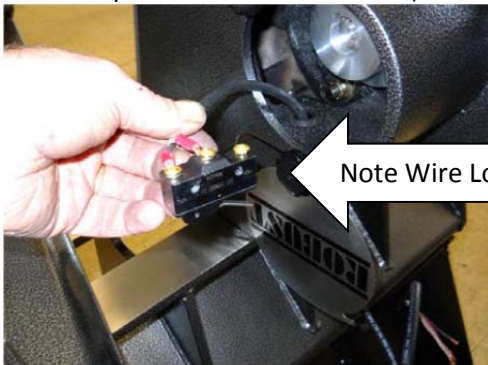
1. Loosen cord grip from wire going into the headstock on back side – underneath using channel locks.



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



3. Open door on top of headstock, Open stainless steel cover with "ROBUST", loosen belt and pull up around spindle (see manual if you need further assistance) Reach in and pull out cord with switch



NOTE: If your lathe was pre-wired with a disconnect in the limit switch wire, you can skip step #1-4 in Step 2 and just disconnect the wire

4. Disconnect wires from switch using the screwdriver and note location and remove wire from headstock
5. Loosen cord grip going into motor connection box using channel locks
6. Remove motor connection cover using nut driver
7. 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.



8. Disconnect green (ground) wire using nut driver and remove wire from motor
9. Put face plate on spindle nose – this protects the spindle and makes a nice handle
9. Loosen the headstock clamping lever and tape it in place in the loose position – this helps putting it back on.
10. With one person lifting via the face plate and another on the motor, remove the headstock and put on dolly

Step 3: Remove gas shock if equipped

1. Tap/pry spring clips off both ball joints – be careful, they like to jump off and get lost



2. Remove gas shock and reinstall clips you removed – they need to be on for reassembly.

Step 4: Remove leg assemblies from lathe bed. PLEASE NOTE: If equipped with a Tilt-Away, we recommend leaving the Tilt-Away on the lathe bed to preserve alignment

1. 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.



2. Put 2 x 4 through lathe bed on that end and with one person on each side, lift that end of the lathe just enough to get it off the ground



3. The third person removes the cap screws and slides the leg assembly out of the way

4. Put padding underneath the lathe bed

5. Lower lathe bed onto padding

6. 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!

7. Put lathe bed on appliance dolly and strap down.

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, they 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

Questions during the procedure? Call Brent on his cell: 608-712-0717