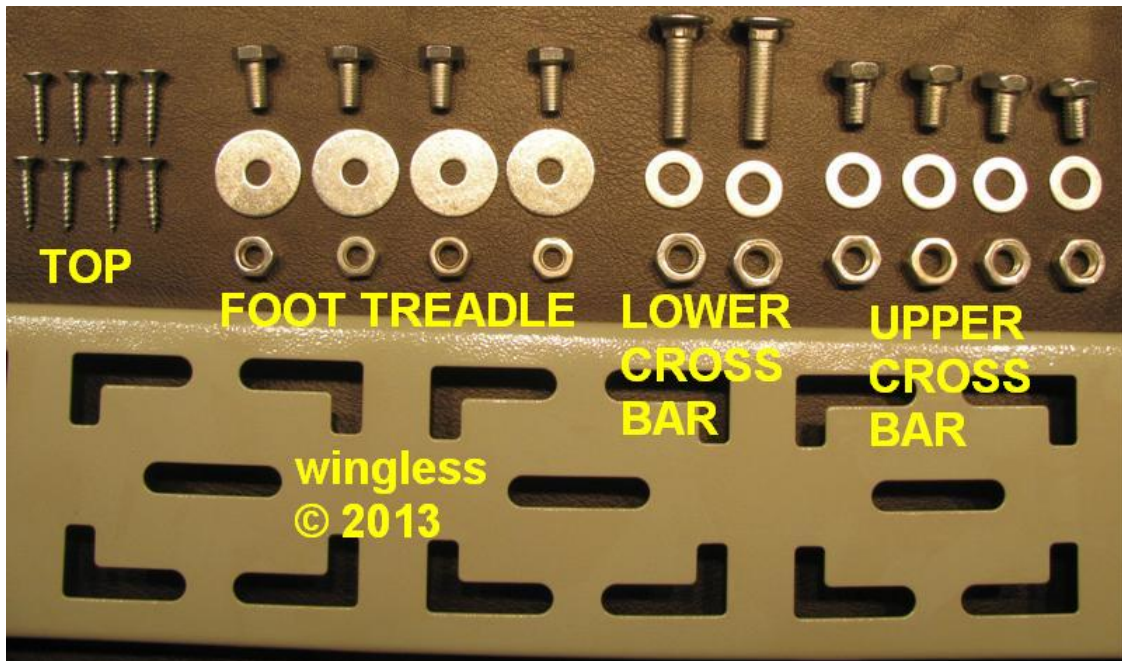


Installation Guide for Regular, Walking Foot, Zig Zag Machine

Pre-Installation Notes:

- Please unpack all boxes carefully! Some items may have sharp edges.
- Approximate installation time - 1 hour

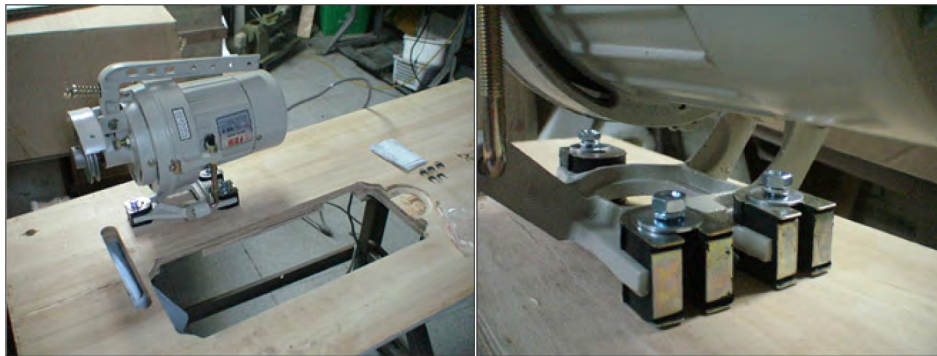


Section 1 - Table Top, Motor, On/Off Switch, Legs, Foot Pedal Rod

1- Turn the table top upside down (on a table or on 2 chairs) and place the motor on the table, aligning the motor pulley directly above the motor belt hole.



2- Install the 3 motor mount screws with a wrench, vicegrip or pliers. Your motor may differ, but installation is the same. Screws can be found in the motor box or accessories box (inside a gray pack) along with the legs.



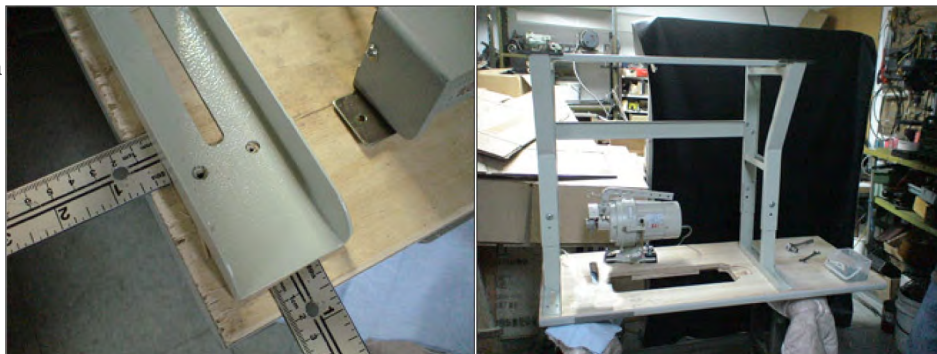
3. Place the two table legs side by side. Then, locate the cross-member and install it on the back of the legs. **Do not fully tighten the screws yet.** Finally, locate the foot-pedal base and mount it on the bottom of the legs.



4. Install the foot pedal onto the center or left side of the foot pedal base.



5. Mount the legs onto the underside of the table using the table screws (usually four on each side - may differ depending on machine purchased). Allow 1/2" space between the leg and the edge of the table top. Install the legs according to the marks on the underside of the table. Tighten all screws firmly.

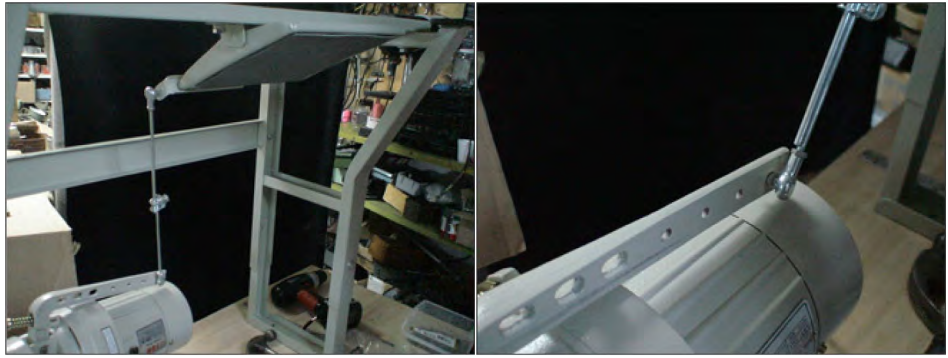


6. Install the on/off switch box on the **front side** of the table (use the marks on the underside of the table), so that when the table is placed right side up, the electrical box is located on your right hand side. Electrical wires should be affixed to the underside of the tabletop for safety reasons using the included wire clamps.



Note- Servo motors (SmartServo, Techsew 550) do not use an on/off switch box.

7. Install the rod onto the motor and the foot pedal, then connect the rod using the rod connector (middle part). Ensure the back of the pedal is four inches from its base, and that the clutch lever on the motor is at its highest position.

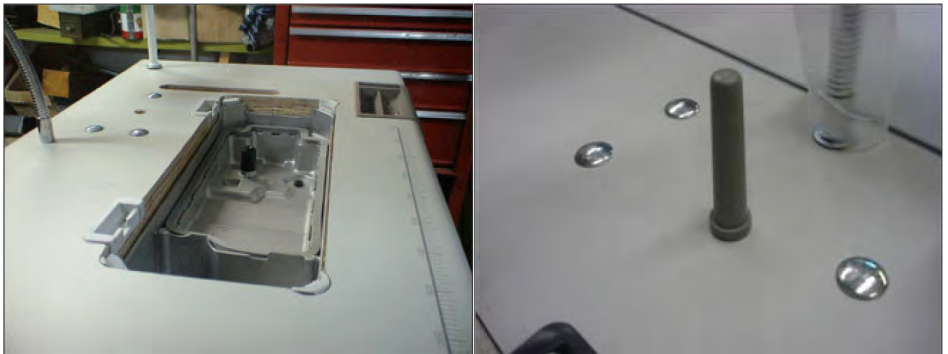


8. Turn the table right-side up.



Section 2 - Machine Head, Belt, Threadstand, Bobbin Winder, Lamp, Drawer

1. Install the oil pan or drip pan supplied with the machine. Also install the support peg so that you may lean the machine head back in the future.



1. Locate the two hinges and place them in the holes on the back of the machine head (if applicable). Some machines may have to be screwed into the table top (cylinder machines), if so use the enclosed screws.

Next, place the machine head onto the table.

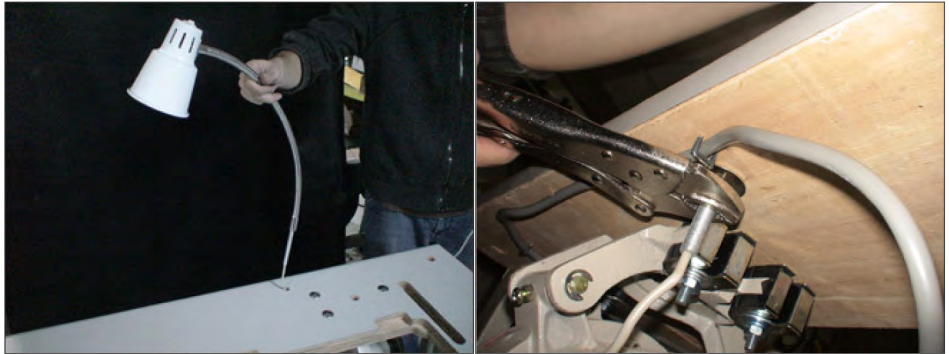


3. Locate the V-Belt and attach it to the motor pulley. You may need to tilt the machine back to place the V-Belt on the hand wheel.

If the machine cannot be tilted, then the V-Belt must be installed by first installing it around the handwheel, then onto the edge of the motor wheel. Press down on the foot pedal and turn the handwheel towards you to allow the belt to slide onto the pulley.



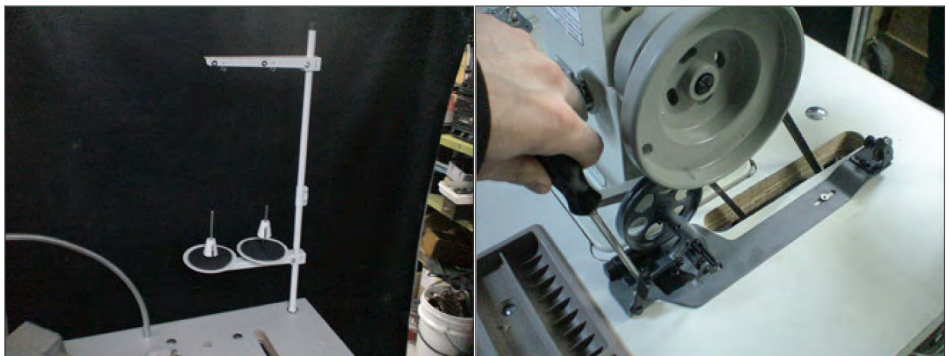
4. To install the table lamp, insert the lamp wire—first through the appropriate hole in the table top, and tighten the bolt on the underside of the table.



5. Connect the wire from the lamp to the one from the on/off electrical switch by connecting the similar coloured wires (as shown in photo) and covering each pair with the included wire caps.



6. Install the thread stand on the right side of the table. If your machine requires a bobbin winder, install it to the right of the machine head so that the bobbin winder wheel lines up with the belt.



7. Install the belt guard on the right side of the motor. Install the drawer by inserting it through the brackets on the underside of the table.



8. To install the knee-lift mechanism, insert the presser foot umbrella in the oil pan, then attach the knee-lift mechanism as shown in the photo.

If your machine uses a drip pan (Techsew 106), make sure the upper knee lift mechanism is sticking up through the hole in the drip pan, so that it may make contact with the foot lift mechanism underneath the machine head.

Note- Certain knee lifters operate with a foot pedal which links with a chain to the back of the machine.



Start Your Motor

- Turn on the power to the motor by either flicking the switch or by pressing the 'ON' button of the electric box.
- Allow the motor to power up for a few seconds before use.
- If the motor does not power up, turn off the power and press the bottom-side (heel side) of the pedal firmly towards the ground, then power it up again. This will allow the clutch to reset. Also ensure that the motor clutch is at its highest position. If it is not, remove the motor rod, replace the motor clutch at its highest position, then re-install the motor rod.
- If the motor does not power up on a regular basis you will need to adjust the height of the rod-clamp by raising the pedal then re-tightening the rod clamp.

Lubrication

- Your machine has been oiled prior to shipping and is well lubricated. It is important for the well being of the machine that it be oiled on a regular basis (every few uses).
- Serger/Overlock and Coverstitch machines may have their integrated oil pans emptied before shipping. If so, it must be filled before use.
- Please use clear white oil for industrial sewing machines.

Machines with Deep Lubricating Pans

- If your machine came with a deep lubricating pan (Techsew 5550, Techsew 0302), add oil until it reaches the point between the "high" and "low" level marks on the pan. Use clear white oil for industrial sewing machines. The presser foot umbrella should be placed into the pan if needed to control the knee lift mechanism.
- Other machines may or may not come with an oil drip catch pan. The purpose of this pan is to catch falling oil after a manual oiling. If your machine has an oil drip catch pan, it should be mounted under the head using screws or nails.

