

very hard to turn when the adjustment plate (28)(dwg#4) bottoms out against the sheller box. The adjustment arm(66)(dwg#4) will most likely be sitting at 12 o'clock straight up. Then turn it counterclockwise 3 complete rounds. This is a good starting point. After cracking some pecans in your nut cracker put them in the hopper(84)(dwg#3). Open the slide door on the hopper just enough to let 1 layer of pecans out. Rake just about 5 whole cracked nuts into the sheller from out of the vibrator pan(91)(dwg#3). The nuts will shell out and drop down out of the sheller on to the chute(83)(dwg.#3). They will slide into the separator (80)(dwg#3) and the kernels will come out the main spout(76)(dwg.#2). The sheller will blow out the shell spout (78)(dwg.#2). At this point inspect the kernels and see if they are shelled out. If for example the kernels are skinned up bad then that tells you the sheller is closed up too much. Therefore close it by rotating the knob (40) (dwg#4) counter clockwise just a little, until you nuts shell out without a lot of breakage and skinned up appearance. If on the other hand the kernels still have a lot of shell attached to them, you need to close the sheller up rotating the knob clockwise. **NOTE: Results vary with many different varieties of pecans. Some nuts will shell out perfect and others won't. We make no warranty as to the shellability of the machine due to this fact.** A suggestion for good results is to make certain that the cracker you are using is set properly and is cracking the nut all the way around its diameter without breaking or shattering the kernel. This is very important to remember. The smaller models Vibra-1 and Vibra-2 are not powerful enough to shell whole nuts and split nuts usually. The models 4c and 5c are . Therefore it is critical that the nuts are cracked properly in order to get good results when you shell them. See your cracker manual or our video to see how to set your cracker.

8. **SETTING THE FEED RATE TO THE SHELLER:** Next step is to adjust the feed rate of the vibrating feeder pan under the hopper. There is a white plastic knob labeled feeder pan on the electrical panel. This is a speed adjustment for the vibratory motor(81)(dwg#3) mounted under the feeder pan (91) (dwg.#3). The motor has a tear drop weight that spins inside the motor(81) to create an reciprocating motion or vibration in the feeder pan. This moves the nuts down the pan and into the sheller box. It is very important that you don't over feed the sheller box. Try to turn the knob clockwise to start the pan vibrating. **NOTE: *It takes a lot of power to start the vibra motor spinning, as it is under the weight of the pecans in the hopper. You will get a surge of nuts at first when you 1st. turn up the rheostat knob. Once its spinning though you can back it back down so that it is feeding nuts into the sheller box at about the rate your crackers cracks them. This is usually slow at first until you discover the rate that it will handle. If the cracker is running about 1 a second or so that is the rate you feed it unless you have 2 crackers or more. You must determine this from experience.***
  
9. We hope you enjoy your new Thomson sheller and get many years of service from it.