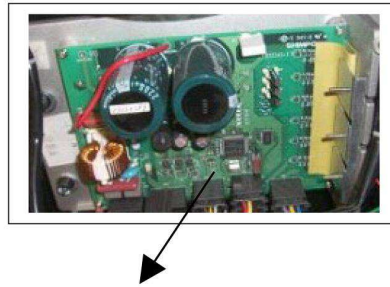


Troubleshooting your Whisper wheel

Before starting, look over your wheel. Are there any broken or damaged parts? If so, please contact Shimpo for replacement parts.

If the wheel does not turn

- 1) Remove the four feet off the bottom of the wheel and remove metal cover.



- 2) Turn the wheel off and then on again while watching the control board. If the controller is in good condition, you should see lights (red and green, then green blinking). If there are no lights on the control board, you have a bad board. Please notify Shimpo your need to order a new board and have your wheel's serial number ready.

Replace the control board by following the “How to replace the Whisper control board” instructions

If the lights are now on at the control board and the wheel still doesn't turn follow the next set of instructions

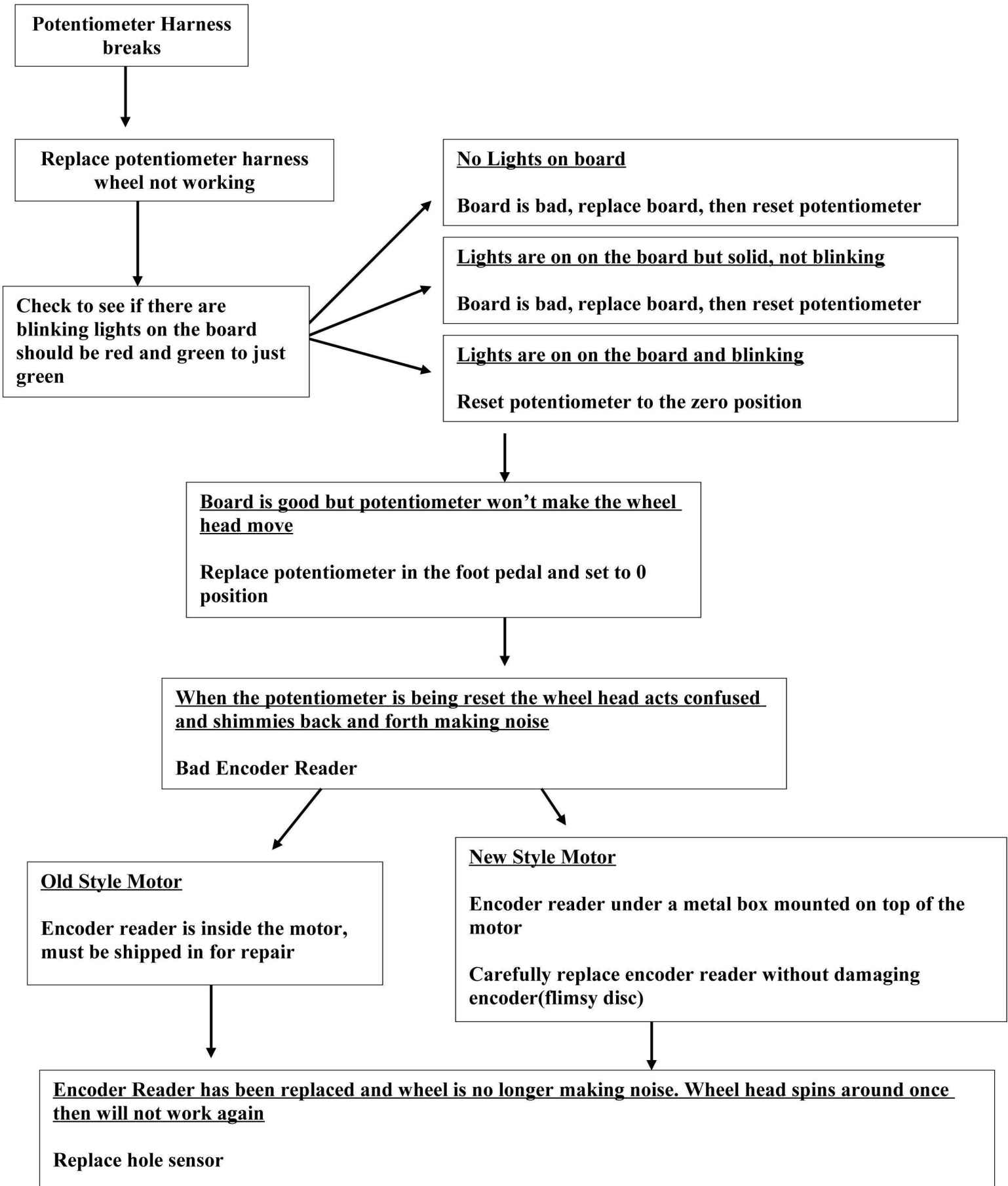
If lights come on at the control board

- 1) Follow the foot pedal adjustment instructions.
- 2) If while you are trying to adjust the foot pedal, the wheel head does not turn, the potentiometer is bad. Please notify Shimpo to order this part and have your serial number ready.

Replace the potentiometer and then follow the foot pedal adjustment instructions again.

RK Whisper Repair Flow Chart

Created 12/10



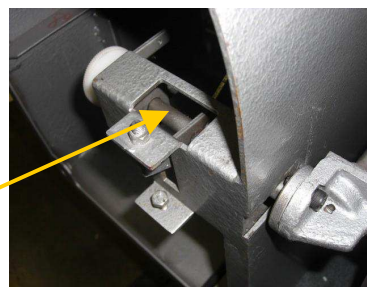
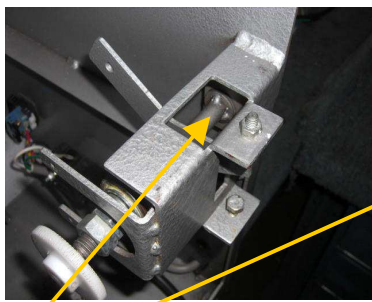
How to adjust the RK-Whisper pedal tension



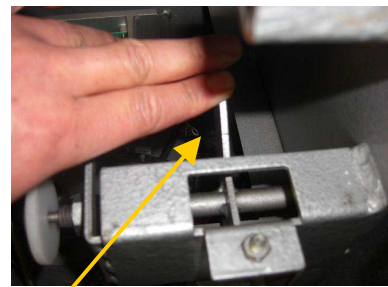
Tools Required:
WD-40
RK-Whisper tool
M-19 Wrench



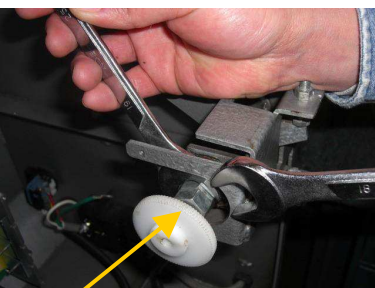
Remove the four feet off of the bottom of the wheel and remove the metal cover.



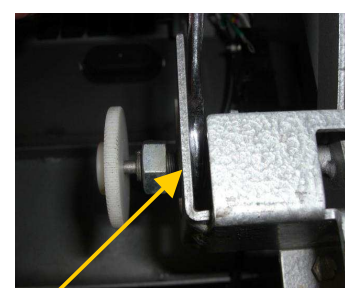
Use the WD-40 to spray the two spots where metal touches each other.



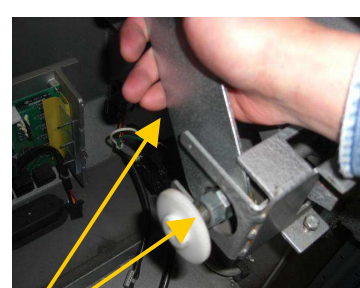
Move the pedal or lever up and down to ensure parts are fully lubricated with the WD-40



Loosen the first bolt (double nut)

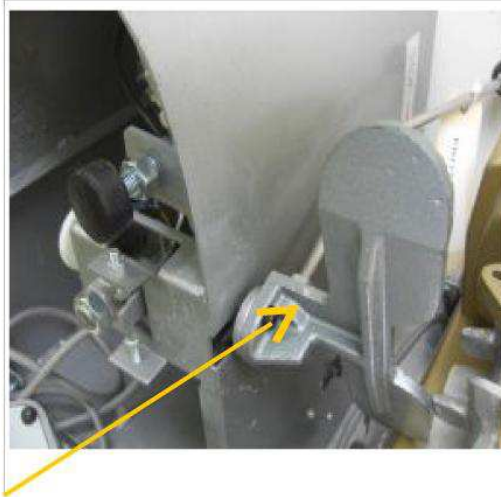


Then loosen the second bolt to adjust the lever to make heavier or lighter tension.

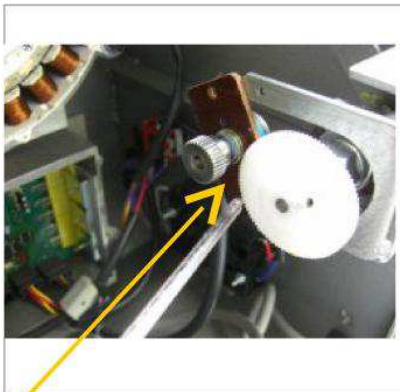


Once you have set the tension, place the wrench to secure the bolt to the right and hold it there while tightening the bolt to the left in an upward motion.

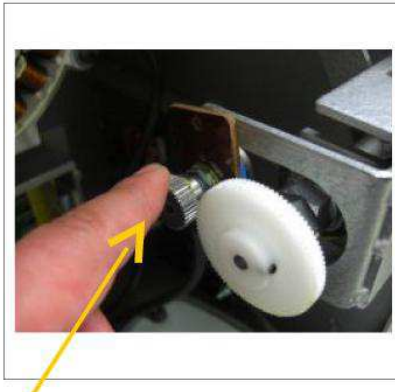
Adjusting Potentiometer



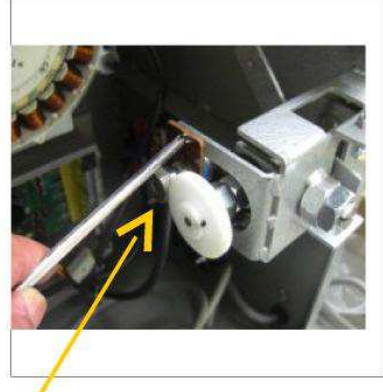
1. Make sure the pedal is in the stop position and the power is on



2. Move the potentiometer (silver gear) away from the white plastic gear so they are not touching



3. Turn the potentiometer until the wheel head starts to turn, then turn it the opposite way until the wheel head stops.



4. When the wheel head stops, slide the potentiometer up against the white gear and tighten the screws down. Then replace the cover 4 feet. Your wheel should now be running from stop to 250 rpm.

MOTOR FOR VL & RK WHISPER

NEW STYLE MOTOR

OLD STYLE MOTOR

