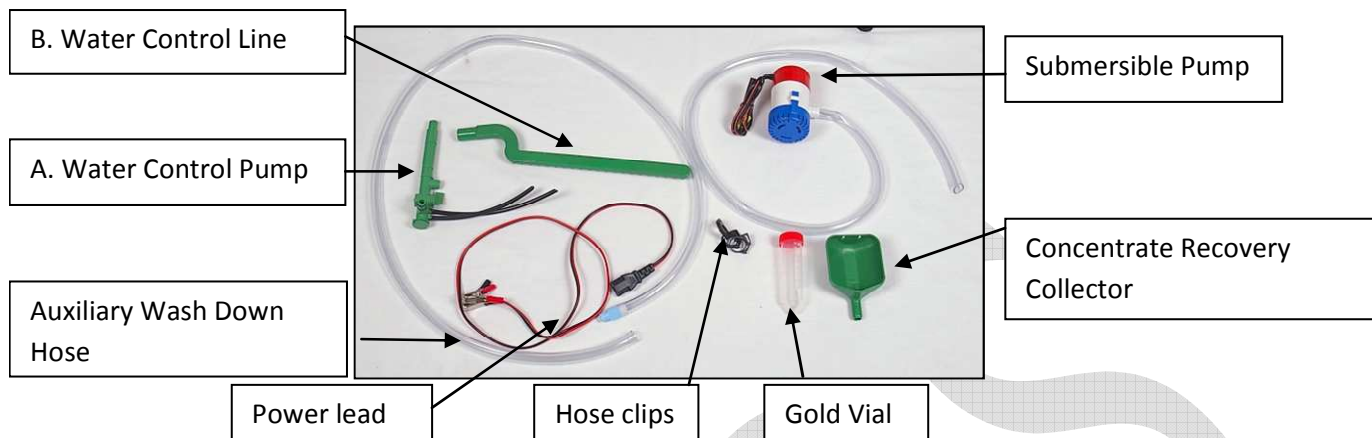


The Keene Spiral Gold Wheel

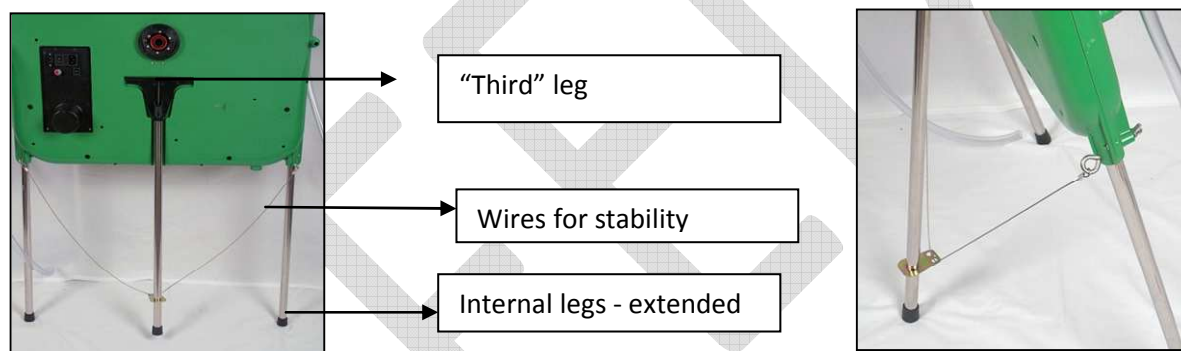


The Keene Spiral Gold Wheel: Putting it all together.

When you unpack your Keene Spiral Gold Wheel – you need to check that you have all of the required items in your pack. Along with the gold wheel, the legs and the pans there will be a bag of bits and pieces. The following items should be in the bag.



STEP 1: Setting up the “Feet” of the gold wheel. Make sure that the two internal legs have been extended. The “third” leg needs to be placed on the plastic moulding at the centre of the back of the wheel. The wires must be attached to legs to keep wheel stable.



STEP 2: Setting up the Water Control Pump. Attach Water Control Pump A to the front LHS of the wheel (note the water control tap on the pump), feed the two black hoses into Water Control Line B and attach firmly.



STEP 3: Attaching the submersible pump. This hose attaches on the side of the Water Control Pump A. The pump should be placed in a large bucket of water, placed under the sieve & gold pan at the front of the wheel.

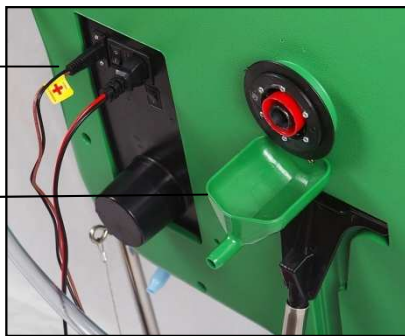
Attach pump hose here.



STEP 4: Attach Motor and Gold Concentrate Recovery Collector. Note the Gold Recovery Collector can be attached by a hose to an additional small bucket if there are a lot of fines to be collected. Otherwise the vial will be attached for collection of finds.

Attach Motor

Gold Concentrate Recovery Collector (or vial can be used)



Gold Vial

STEP 5: The Auxiliary Wash Down Hose: Attach the Auxiliary Wash Down Hose at the back of the Gold Wheel by feeding through the circular ring on the LHS of the wheel across the back to the hose connection on the RHS of the wheel. Make sure that the spout of the hose is at the front of the Gold Wheel while setting up hose.

Push hose through here, keep spout at front of Gold Wheel



Attach Wash Down Hose here.

Recommendations for use of a Keene Gold Wheel.

The Keene Gold Wheel is designed to separate gold from other material as it moves heavier matter into the centre of the wheel and into the collecting Vial or Concentrate Recovery Collector.

As you use your Gold Wheel you will soon “learn” the angle at which you prefer to run the Gold Wheel, as it will vary according to the density of your finds. However, most users begin with the Gold Wheel at an approximate 45 degree angle. The Water Control Line needs to be set at the centre of the wheel. As the wheel rotates the finds are put in the wheel at the 7 – 8 o’clock position of the wheel.

The rotation of the wheel forces the larger and low density material to be washed from the wheel. This material will pass through the collection sieve and pan and into the bucket below. The smaller and heavier materials will be carried up to the Vial or Concentrate Recovery Collector.

If another “run” of material is needed then the Gold Wheel angle is increased (it becomes straighter) and the previously collected fines are put through the wheel again. The process can be repeated as often as wanted to get the most from the collected fines.

There is a tap on the Water Control Pump to adjust the flow of water into the wheel.

To see a Keene Gold Wheel in action go to this website: (CTRL and click)

<http://www.youtube.com/watch?v=ryJQANNHE1M>