

SUPER CONCENTRATOR ASSEMBLY

Assembled



Parts list



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| 1. BUCKET #1
(includes Rubber O Ring & tube coupling) | 5. SLUICE BOX |
| 2. BUCKET #2 (includes Rubber O Ring & tube coupling) | 6. RUBBER RIFFLE |
| 3. LEVELING SUPPORT BRACKET
(includes attaching wing nuts, bolts & washers). | 7. HOSE ASSEMBLY SPRAY NOZZLE |
| 4. LIQUID TRANSFER TUBE | 8. WATER FEED ASSEMBLY |
| | 9. WATER PUMP |
| | 10. BATTERY TERMINALS |

Note: Please check to see if all parts are present.

1. Assemble bucket #1 and Bucket #2 together with 2" transfer tube and press together for a firm fit.
2. Bolt leveling support into inside of bucket #1 using supplied hardware to fasten to bucket as shown in Fig #1.
3. Attach water manifold to end of sluice using a press fit into hold in PVC fitting into socket shown in Fig #1.
4. Find suitable 12 volt battery source such as a 12 volt automobile battery and secure terminals once bucket #1 is filled with water. Fill 1/2 to 3/4 full of water. Suggest using a "Gold Drop" or "Calgon" to eliminate oils from water to prevent flotation of fine gold. We suggest to use a magnet to assist in removing magnetic black sands from accumulating material behind riffles to prevent fine gold from migrating downward towards the sluice riffle. Remember: The key to fine gold recovery is classifying your material into separate sizes so all material is uniform to obtain best results. We suggest the use of a 12 mesh classifier screen (BCS12) for best results and a 20 to 30 mesh classifier screen (BCS20 or BCS30) for super fine gold recovery.