

Figure 2 – Manifold and Receiver

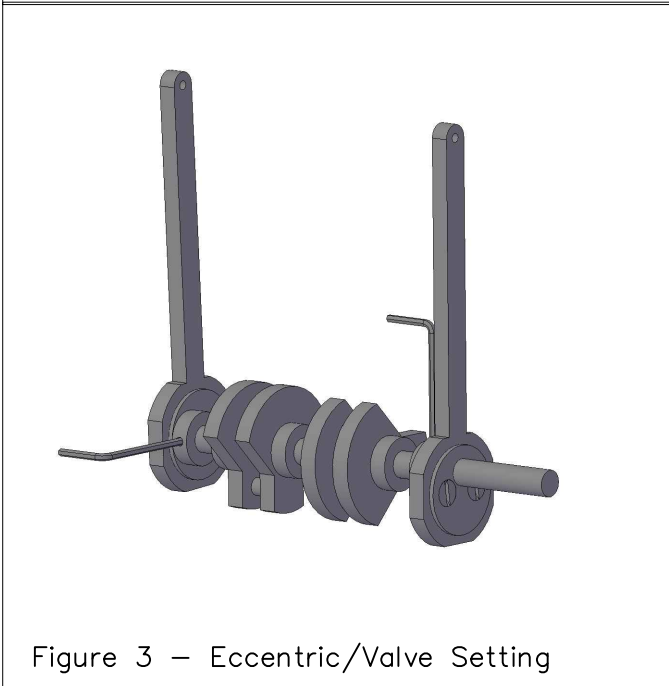


Figure 3 – Eccentric/Valve Setting

No.	Qty	Description	Material
1	1	Vertical Twin Base Plate	Steel
2	2	Vertical Tube Slider	Brass
3	1	Flywheel Single Cylinder	Brass
4	1	Twin Cylinder Crank	Steel
5	2	Con Rod Bearing Keep	Steel
6	2	Connecting Rod	Stainless Steel
7	4	Con Rod Bearing Halves	Bronze
8	2	Slider Pin	Steel
9	1	Vertical Compound Twin Top Plate	Steel
10	4	Vertical Columns	Steel
11	2	Eccentric Wheel	Steel
12	2	Eccentric Wheel Plate	Steel
13	2	Eccentric Rod	Brass
14	2	Valve	Stainless Steel
15	2	Chest	Brass
16	2	Chest Plug	Brass
17	2	Packing Nut	Brass
18	1	Piston High Pressure	Brass
19	1	Piston Low Pressure	Brass
20	2	Piston Shaft	Stainless Steel
21	2	Piston Ring HP	Teflon
22	2	Piston O Rings LP	Rubber
23	1	Cylinder HP	Brass
24	1	Cylinder LP	Brass
25	1	Cylinder Plate Inner HP	Brass
26	1	Cylinder Plate Inner LP	Brass
27	1	Cylinder Plate End HP	Brass
28	1	Cylinder Plate End LP	Brass
29	3	Main Bearing Upper	Bronze
30	3	Main Bearing Lower	Bronze
31	2	Vertical Slider Tube	Steel
32	2	Manifold Clear Hole	Brass
33	2	Manifold Threaded Hole	Brass
34	2	Inlet Elbow	Brass
35	1	Receiver	Brass
36	2	Inlet/Outlet Pipe	Brass
37	6	Quarter Inch Nut	Brass
38	8	Cap Screw M3 x 45mm	Steel
39	14	Cap Screw M3 x 18mm	Steel
40	8	Cap Screw M3 x 12mm	Steel
41	4	M3 Nut	Steel
42	10	Bolt M2 x various	Steel
43	2	M2 Nut	Steel
44	4	Cap Screw M5 x 12mm	Steel
45	4	Threaded Rod M5 x 12mm	Steel
46	4	Counter Sunk Screw M3	Steel
47	3	M3 Grub/SetScrew	Steel

Drawn By: Simon Rowley	Checked By:	File Name: Vert Base Twin Compound Assembly v1.0	Date: Sept 2021	Scale: N/A
Copyright: Chiltern Model Steam		Part: Vertical Twin Cylinder Compound Marine Engine Assembly Instructions		
		Material: N/A	Rev: 1.0	Part: N/A

Figure 1 – Assembly