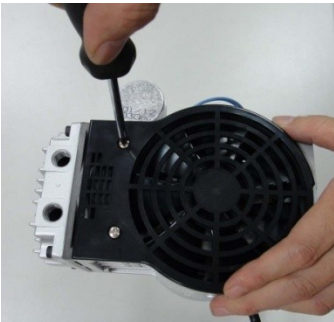


Matala

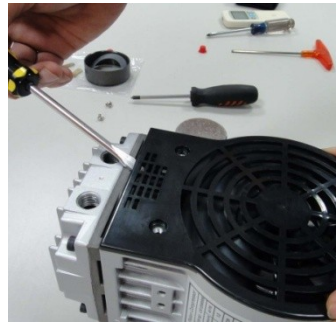
Rocking Piston Compressor

Rebuild Kit Instructions

1. Use a Phillips headscrew driver to unscrew the Cooling Fan Cover Screw (part no. 20)



2. Use a flat head screw driver to open the Cooling Fan Cover(part no. 1)



3. Use a 4mm hex wrench to unscrew the Head Cover Screw (part no. 19)



4. Open the Head Cover (part no. 18), take out the Valve Plate (part no. 16)



5. Use a Phillips head screw driver to unscrew the Round Plate Screw (part no. 10), Take out the Round Plate (part no. 9) & Piston Cup (part no. 8)



6. Replace the new Cylinder (part no. 11) in original position (*note : Convex Face Up*)



7. Assemble the new Piston Cup (part no. 8)

8. Put the New Piston Cup (part no.8) & Round Plate (part no. 9) in original position

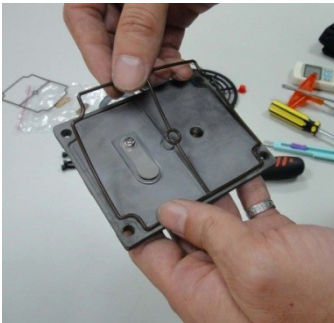
& Round Plate (part no. 9)



9. Hold the Cylinder in position & use a Phillips head screw driver to tighten the Round Plate Screw (part no. 10)

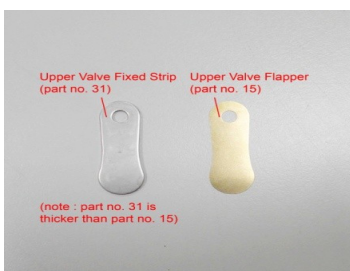


11. Replace the new Valve O-ring (part no. 17)

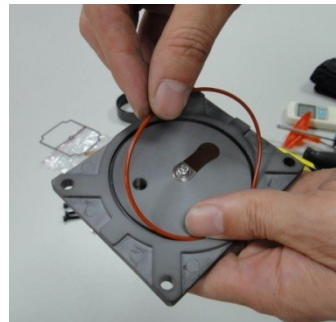


**13. Replace the new Valve Flappers (part no. 15)
Included in your kit.**

13-a



10. Replace the new Cylinder O-ring (part no. 12)



12. Remove the Screw that holds the Valve Fixed Strip (part no.31). Remove the Upper & Lower Valve Flappers.(part no. 15)

(Note : part no.31 is not included in the rebuild kit.)



13-b



14. Reposition the Valve Fixed Strip (part no. 31) and tighten the screw .

(Note : The Valve Fixed Strip and Valve Flapper need to be aligned)

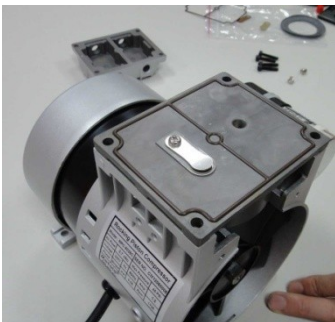


15. Put on the Valve Plate (part no.16)

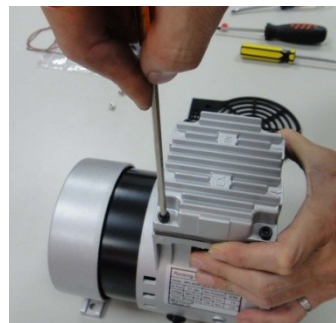
(Note : Cylinder O-ring & Cylinder need to be aligned)



16. Please note the relative position of the Valve Plate (part no.16)& Capacitor (part no.28)



17. Screw on the Head Cover (part no.18)



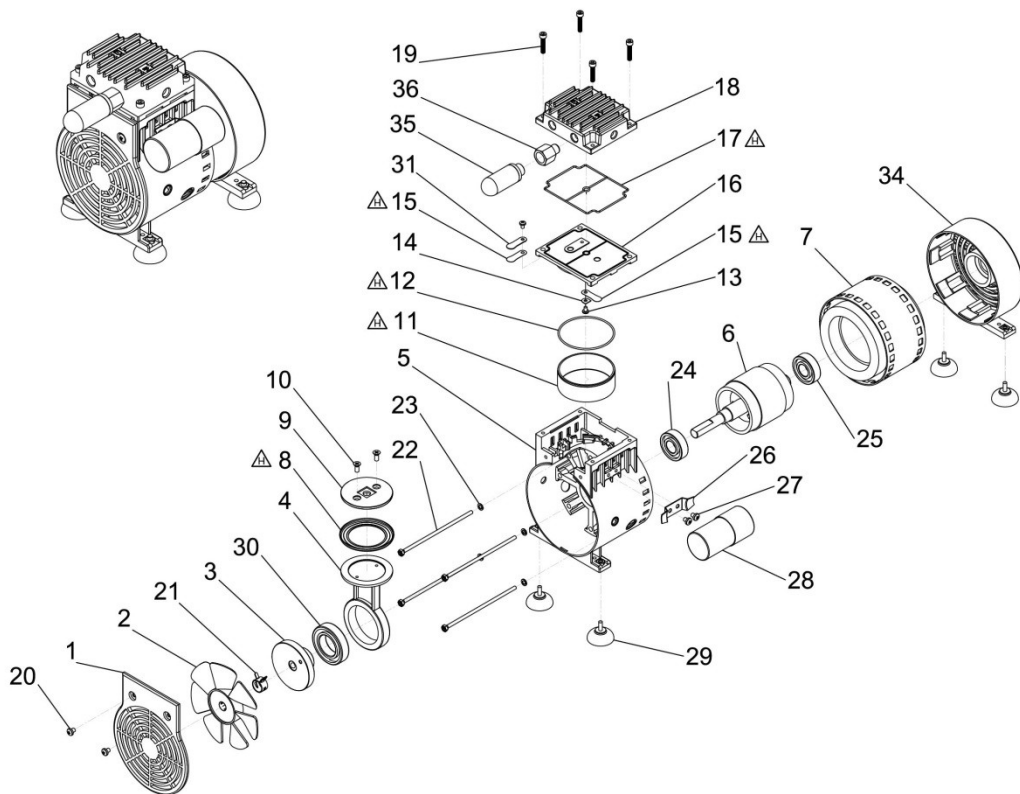
19. Screw on the Cooling Fan Cover

18. Replace the Cooling Fan Cover (part no.1)

(Note : the latch is on the bottom)



PARTS DIAGRAM



Aeration Systems (MPC-60A)		
ITEM	PARTS	QTY
1	Cooling fan cover	1
2	Cooling fan	1
3	Eccentric	1
4	Piston rod	1
5	Housing	1
6	Rotor	1
7	Stator	1
8	Piston cup	1
9	Round plate	1
10	Countersunk Screw (M5x10)	2
11	Cylinder	1
12	Cylinder O-ring	1
13	Screw M4x5	2
14	Down valve fixed strip	1
15	Upper/Down valve flapper	2
16	Valve plate	1
17	Valve O-ring	1
18	Head cover	1
19	Hex Head Bolt (M5X25)	4
20	Pan Head Bolt (M5X6)	2
21	Fixing clamp	1
22	Hex Head Bolt (M5x135)	4
23	Spring washer (M5)	4
24	Bearing 6203LLB	1
25	Bearing 6203LLB	1
26	Bracket	1
27	Pan Head Bolt (M5X6)	2
28	Capacitor	1
29	Rubber foot (M6)	4
30	Bearing 6006LLB	1
31	Upper valve fixed strip	1
32	Connecting tube	-
33	O-ring	-
34	Back cover	1
35	Silencer	1
36	Adapter	1