

Service and Repair Instructions

Vertex Fasteners Pneumatic Stapler Type VA0263

This Spare parts list/service instructions and the enclosed Operator's Manual constitute the Operating Instructions. Before using read both and strictly observe safety instructions.

Service and repair

Attention! Always disconnect the tool from its air supply and empty magazine before attempting any repair. Always fix the cap with a torque wrench adjusted to 8 Nm.

To replace driver blade

Loosen cap VC7104 (fig. 1). Invert machine and tap gently on wooden surface to remove piston/driver blade assembly (fig. 2). With a pin punch tap out pin VC7330.

The driver blade can then be removed. Replacement of the blade is a reversal of the above procedure.

To replace piston O-ring

See instructions "to replace driver blade", then replace O-ring VC7326 (fig. 3) and grease with grease, or oil, before refitting.

After inserting the pin VC7330 the holes at both sides of the plastic piston have to be deformed again to prevent movement of the pin, which can then damage the cylinder. In order to do this, lay a drift punch, diameter 3mm, across the hole (fig.3) and hit the punch drift with a hammer so that the hole is deformed a little bit.

To replace bumper

With the piston/driver assembly removed always check the bumper. Push out bumper from below with a screwdriver.

To replace feeder bar and tension spring

(Two stick version Fig. 4 lower)

To release rail assembly remove cap screw VC7363 and the rail stop assembly.

Withdraw rail assembly. It is now an easy operation to replace the tension spring VC7099 or the pusher (fig. 4). Reassembly is a reversal of the above.

Changing of automatic valve

Remove pin VC7107 and remove trigger. Remove valve body and replace completely (fig. 5).

Adjustment of Cycle Speed of the Automatic Valve

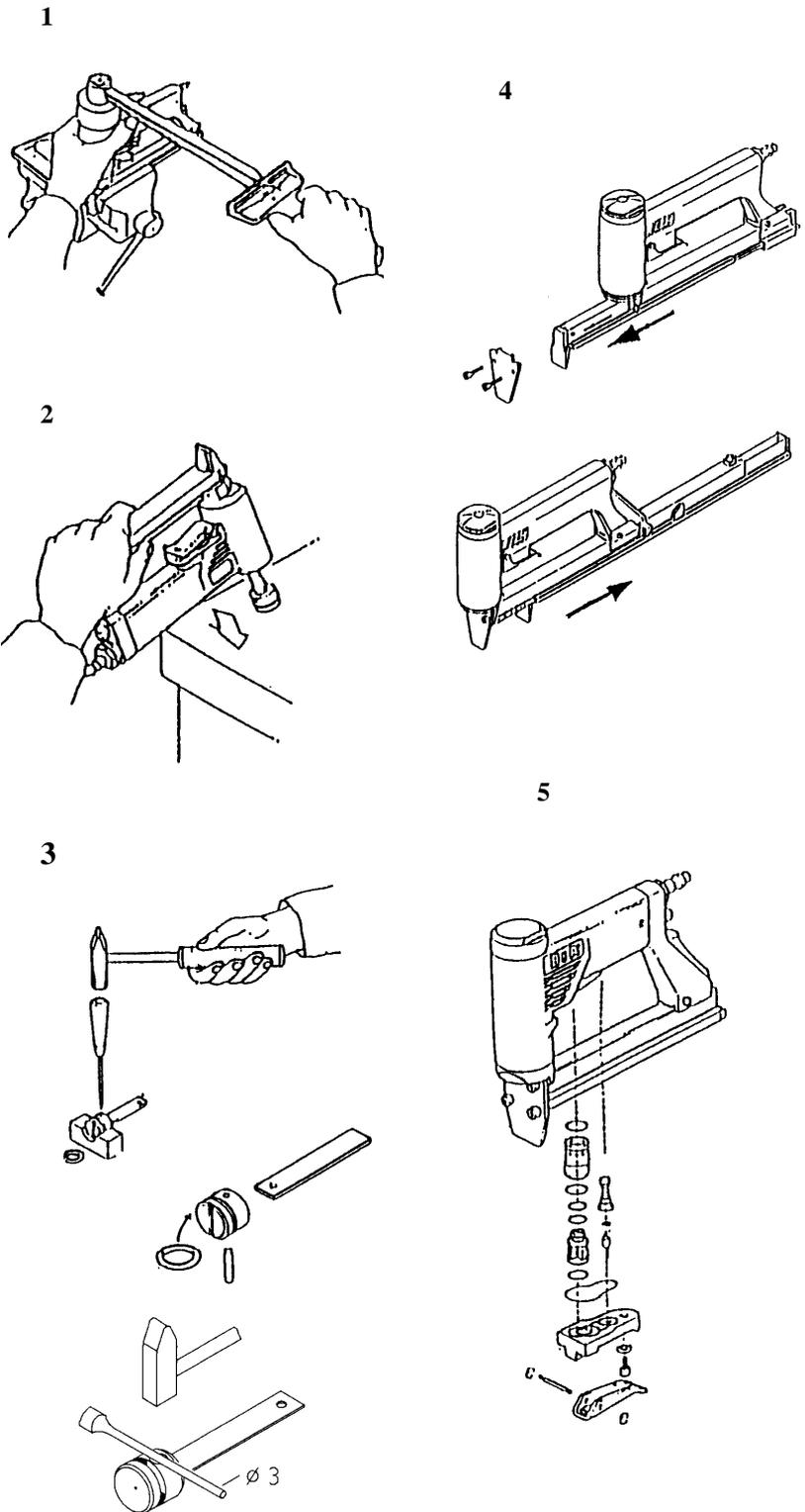
The cycle speed of the automatic valve can be infinitely varied between 0 - 1600 staples per minute. By turning the adjusting screw

VC7111 anti-clockwise the frequency of the operation is increased. With light pressure on the trigger the single shot mode is achieved.

By further pressure on the valve trigger the tool works with the frequency adjusted before.

If for one operation both the single shot mode and the automatic shot mode are required, both sections can be separated safely by adjusting the valve bushing VC7118 with the special key, which is supplied as accessory together with the stapler. By turning the valve bushing clockwise the range of the single shot mode is increased, whilst the range is reduced by turning the bushing anticlockwise.

In case of malfunction of the valve loosen valve socket VC7116 with the special key. Replace valve insert completely or replace all O-ring. For reassembly grease all parts with O-ring grease and check function.



Tool Parts

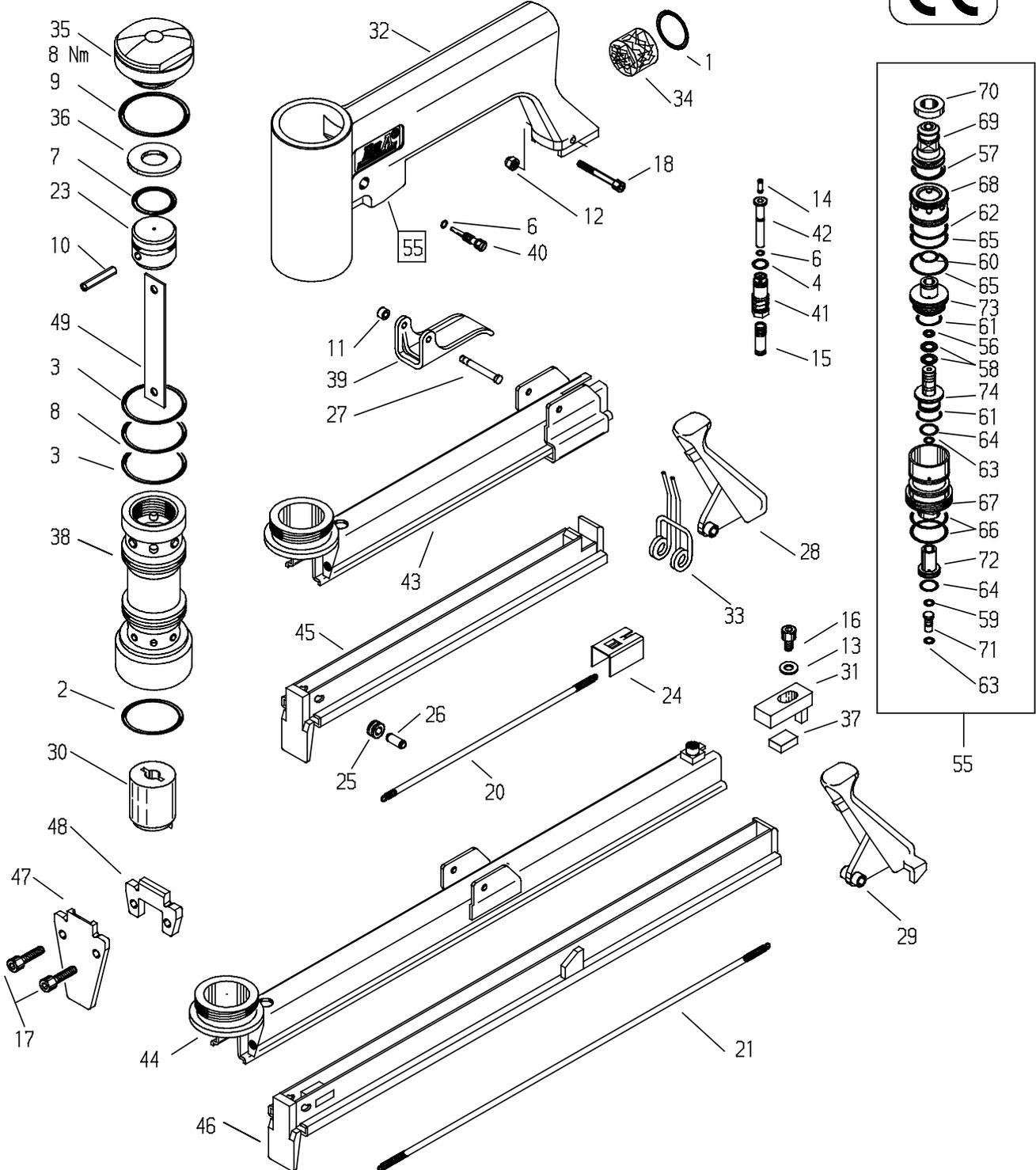
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Call-out #	Part Number	Description	Quantity
1	VC7282	O-ring	1
2	VC7285	O-ring	1
3	VC7286	O-ring	2
4	VC7297	O-ring	1
6	VC7301	O-ring	2
7	VC7326	O-ring	1
8	VC7310	O-ring	1
9	VC7312	O-ring	1
10	VC7330	Pin	1
11	VC7342	Retainer	1
12	VC7348	Safety Nut	1
13	VC7355	Washer	1
14	VC7359	Pressure Spring	1
15	VC7360	Pressure Spring	1
16	VC7363	Socket head cap screw	1
17	VC7390	Socket head cap screw	2
18	VC7060	Socket head cap screw	1
21	VC7099	Tension spring	1
23	VC7058	Piston	1
24	VC7061	Pusher	1
25	VC7089	Pulley	1
26	VC7120	Pin	1
27	VC7107	Pin	1
29	VC7100	Latch	1
30	VC7094	Bumper	1
31	VC7097	Stop	1
32	VC7101	Body	1
33	VC7102	Latch Spring	1
34	VC7103	Muffler	1
35	VC7104	Cap	1
36	VC7105	Damper	1
37	VC7098	Damper	1
38	VC7106	Cylinder	1
39	VC7110	Trigger	1
40	VC7111	Adjustment screw	1
41	VC7118	Valve bushing	1
42	VC7119	Valve pin	1
44	VC7124	Magazine housing	1
46	VC7125	Rail assembly	1
47	VC7121	Front nose	1
48	VC7122	Nose plate	1
49	VC7123	Driver blade	1
55	VC7108	Automatic valve complete	-
56	VC7276	O-ring	1
57	VC7279	O-ring	1
58	VC7294	O-ring	2
59	VC7296	O-ring	1
60	VC7298	O-ring	1
61	VC7299	O-ring	2
62	VC7300	O-ring	1

Call-out #	Part Number	Description	Quantity
63	VC7301	O-ring	2
64	VC7302	O-ring	2
65	VC7304	O-ring	2
66	VC7305	O-ring	2
67	VC7109	Valve body	1
68	VC7112	Valve cylinder	1
69	VC7113	Valve shaft	1
70	VC7114	Gasket	1
71	VC7015	Valve pin	1
72	VC7115	Valve bushing	1
73	VC7116	Valve Socket	1
74	VC7117	Valve Piston	1

Parts Identification

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