

3:1 Series oil pump part list (1701031-1701032-1701033)

3:1 Series oil pump exploded view (1701031-1701032-1701033)

Appendix

Code	Name	Quantity
1	Air motor cover	1
2	Piston	1
3	Air motor shellinside	1
4	Air motor shelloutside	1
5	Bracket	1
6	Air control center	1
7	Slider	1
8	Gasket	1
9	Soft gasket	1
10	Securing washer	1
11	Bracket	1
12	Washer	1
13	Connect tube	1
14	Suction tube	1
15	Spring circlip	1
16	Valve seat	1
17	Filter or connector	1
18	Piston	1
19	Connecting shell	1
20	Connect shaft	1
21	Connect shell	1
22	Middle shaft	1
23	Air center cover	1
24	Slider shell	1
25	Piston shaft	1
26	Washer	2
27	Spring shell	2

Code	Name	Quantity
28	Spring	2
29	Spring seat	2
30	Trip shoe guide	2
31	Press piece	1
32	Nut	1
33	Outlet	1
98	Pin	2
99	Pin	1
100	Ball	1
101	Small circlip	2
102	Ball	1
103	Screw	2
204	O-ring	1
206	O-ring	2
207	Silencer	2
208	O-ring	1
209	O-ring	1
210	O-ring	1
212	O-ring	1
213	O-ring	1
214	U seal	1
215	Guiding	1
217	OD seal	1
205	O-ring	1
211	O-ring	1
216	Quick coupling	1

Troubleshooting

Problem	Possible Causes	Solutions
The pump continues to operate after the gun trigger has been released	1. There is an oil leak at some point of the circuit 2. Valve sets (part No. 11 or 18 and 214, 215) close incorrectly due to dirt or wearing.	1. Check and tighten unions. Repair the leak. 2. Substitute damaged elements
Reduction of the oil delivery. Or reduced pressure in the oil delivery.	1. Silencer (207) dirtied 2. Blocked at some point of the oil circuit 3. Ball valve (102) closes incorrectly due to dirt or wearing.	1. Clean or recharge silencer 2. Use clean oil 3. Substitute damaged elements
Air loss through the air exhaust	1. The sliding valve (7) does not close properly 2. The press piece (31) broken 3. Damaged O-ring (204, 205, 206, 208, 209 or 211) 4. Damaged piston (2) 5. Damaged washer (26) 6. Broken spring (28)	1. Disassemble and clean. Substitute in case of damage 2. Substitute damaged elements
Oil leaks through the air exhaust	Seal set (11) damaged	Substitute damaged elements

If the pump has anything wrong, please contact dealer or their technical supporter. We don't recommend customer repair the pump themselves.

