



# Troubleshooting Guide

Symptom	Cause	Solution
low velocity	using compressed air or nitrogen air supply	install included spring guide spacer to achieve increased velocity
gas leaks from cylinder connection	damaged cylinder o-ring	replace o-ring
gas leaks from inside barrel	damaged valve seal	replace valve stem assembly
marker fails to recock	<ol style="list-style-type: none"><li>1. damaged hammer o-ring</li><li>2. lack of gas pressure</li></ol>	<ol style="list-style-type: none"><li>1. replace hammer o-ring</li><li>2. refill cylinder</li></ol>
marker fails to discharge	<ol style="list-style-type: none"><li>1. marker was not cocked</li><li>2. lack of gas pressure</li><li>3. lack of lubricants or paintball debris</li><li>4. gas source not fully engaged</li></ol>	<ol style="list-style-type: none"><li>1. cock marker before firing</li><li>2. refill cylinder</li><li>3. field strip marker to clean and oil - refer to field strip guide in your manual</li><li>4. screw gas source into bottom line adaptor</li></ol>
rapid fire or mechanism sticks / hangs up	<ol style="list-style-type: none"><li>1. broken shell</li><li>2. no lubricant</li></ol>	<ol style="list-style-type: none"><li>1. clean mechanism</li><li>2. lubricate bolt and hammer</li></ol>

# Parts List

tag	description	component
1	FEED PORT GRIPPER	131615-000
2	FEED PORT ADJUSTER	133982-000
3	O-RING FEEDPORT	131804-000
4	RETAINING PIN	131443-000
5	NUT	111008-000
6	RECEIVER LEFT	111001-000
7	BARREL ASSEMBLY	165601-000
8	VOLUMIZER ASSEMBLY	164472-001
9	VALVE SPRING	131104-000
10	VALVE GUIDE	130811-001
11	VALVE STEM ASSEMBLY	164447-000
12	VALVE BODY ASSEMBLY	164731-000
13	VALVE HOUSING	111004-000
14	BALL STOP	111010-000
15	O-RING	130729-000
16	SET SCREW-VALVE	111011-000
17	HAMMER ASSEMBLY	164475-000
18	BUMPER	131081-000
19	SPRING	131105-000

tag	description	component
20	SPRING GUIDE	131559-001
21	HAMMER PLUG	131560-000
22	VEL. ADJ. SCREW ASSEMBLY	164476-000
23	COCKING PIN	131951-000
24	BOLT ASSEMBLY	165791-001
25	BOLT COLLAR	111005-000
26	SCREW	130726-002
27	RECEIVER RIGHT	111002-000
28	GRIP FRAME ASSEMBLY	164477-001
29	FOREGRIP TUBE	132045-001
30	FOREGRIP FOAM	132231-001
31	ELBOW•90 DEGREES	131282-000
32	BRAIDED HOSE	134481-000
33	BOTTOMLINE SCREW	131087-000
34	O-RING	130739-000
35	BOTTOMLINE ADAPTOR	134361-001
36	FILTER	130727-000
37	LOCK WASHER	130806-000
38	RETAINING SCREW	130815-000