

## General Service & Repairs for Air Staple Guns

No.	Symptom		Problems	Solutions
1.1	Air Leak	Air leak in the cylinder cap when tools don't work	1.Loose head valve piston seal or o-rings .	Check and replace the head valve piston set
			2.Worn or damaged o-ring or cylinder cap gasket under cylinder cap	Check and replace o-ring or cylinder cap gasket under the cylinder cap
1.2		Air leak in Trigger area when tools don't work	1.Damaged o-ring in trigger valve	Check and replace o-ring
			2.Damaged o-ring in trigger valve stem	Check and replace o-ring
			3.Dirt in the trigger valve	Check and clean the trigger valve
1.3		Air leak in cylinder cap when tools are working	1.Damaged head valve piston o-rings	Check and replace o-rings
			2.Damaged seal under cylinder cap	Check and replace seal
1.4		Air leak in nose when tools are working	1.Worn or damaged bumper	Check and replace bumper
			2.Loose driver(piston unit) thread	Check and replace driver(piston unit)
1.5	Air leak in Trigger area when tools are working	1.Worn or damaged trigger valve head	Check and replace trigger valve head	
		2.Damaged head valve piston o-rings	Check and replace head valve piston o-rings	
2	Failed to get driver(piston unit) back to the correct position completely.		1.The driver(piston unit) is not straight or the driver guide(nose) is wrong assembled.	Straighten the driver(piston unit) or verify driver guide(nose) and magazine
			2.Worn or damaged nozzle	Check and replace nozzle
			3.The space between piston o-ring and cylinder is too tight.	Check if the cylinder is adequate lubrication or replace the o-ring on the piston.
3	Work weakly and sluggishly		1. Worn or damaged piston o-ring	Check and replace piston o-ring
			2.Inadequate lubrication for head valve piston o-rings or too tight head valve piston o-rings	Place 2 or 6 drops of oil on o-rings or replace head valve piston o-rings
			3.Dirt in the nozzle	Check and clean the nozzle
4	Tool jams frequently		1.Damaged or Worn driver (piston unit)	Check and replace driver (piston unit)
			2.Damaged or Worn driver guide (nose)	Check and replace driver guide (nose)
			3.Driver guide cover is bent,so the space between driver guide cover and driver guide is too big	Check and replace driver guide cover
5	Nail can not be shot		1. Driver (piston unit) can't return to the correct position.	Refer to no. 1 Symptom
			2.Driver guide(nose) can not match magazine well	Check and correct the position between driver guide(nose) and magazine
			3.Worn or damaged nail pusher compression spring	Check and replace nail pusher compression spring