

全自动气动液压铆螺母枪

02755

 **SATA**世达

使用说明书



操作安全守则：

任何人在安装、操作或保养产品之前，都必须仔细阅读安全须知。

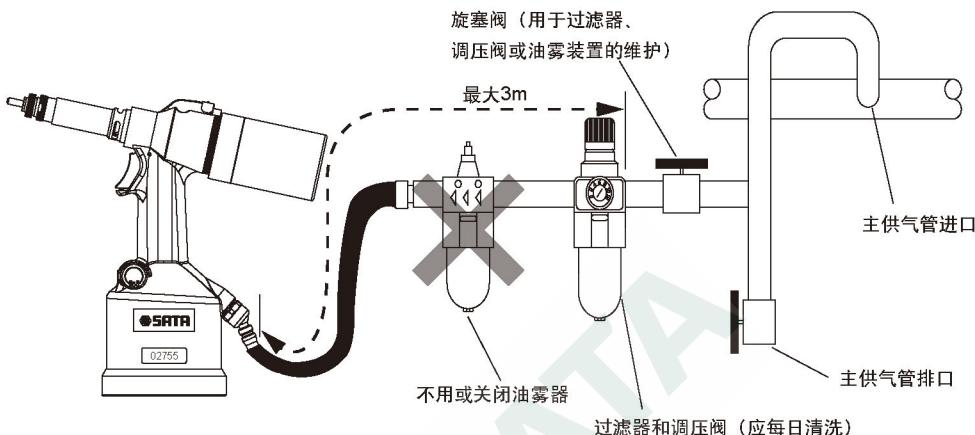
1. 不要在超出设计范围的条件下使用。
2. 请使用世达公司提供或推荐的附件，并使用符合国家或国际标准的铆接件。
3. 客户自行对产品进行改造或使用非标准铆接件造成的产品损坏，不享受世达公司的保用政策。
4. 应定期由专业人员检查产品的性能状况并对产品进行保养，产品的拆装应由专业人员按照世达公司规定的方法进行。非正常拆装造成的产品损坏，不属于产品保用范围
5. 在调整、安装或更换拉杆前应先拔掉气管。
6. 使用产品时，操作者应佩戴安全防护用品（如防护眼镜，手套等），长发应盘起或收入工作帽内，切勿让产品的枪头部分直接对着自己或者其他人。
7. 此产品不能使用气动工具专用油或者其他润滑油进行内部润滑，保养时必须使用指定的润滑脂对内部零件进行润滑。
8. 使用清洁干燥的压缩空气，应在供气管路中使用气源过滤器，不能使用油雾器或者将油雾器排空。
9. 产品进气口处的工作压力不要超过 7Bar。
10. 在没有拉杆、封油螺丝或者有液压油泄露时，请不要使用产品，以防发生意外。
11. 使用产品时应避免衣物、布条、长发、棉丝等杂物的缠绕。产品应保持干燥和清洁，以保证铆接达到最好的效果。
12. 移动产品时，请勿触碰开关扳机，以避免无意中启动产品。
13. 产品应避免过多的接触液压油，在正常保养维护后，应彻底清洁产品表面的油迹。

产品使用范围：

02755 气动液压铆螺母枪适用于 M3-M12 的铝、铜、碳钢、不锈钢材质的拉铆螺母的铆接，在更换 M14 枪头总成后（需另外购买），可用于 M14 铝、铜和碳钢材质的拉铆螺母的铆接。

气源要求：

工具使用压缩空气，最佳压力为进气口处 6Bar，世达公司建议在主供气管路上加装气源过滤器和调压阀。推荐使用内径为 8mm 的气管（内径不能小于 6.4 mm），气管应耐油耐磨，长度建议在 3 m 以内，气管的爆破压力应不小于 10 Bar。



装箱单：

1. 02755 气动液压铆螺母枪一把；
2. 枪头总成 7 套 (含产品预装的一套)；
3. 更换枪头总成扳手一套；
4. 说明书一本；
5. 保修卡一份；
6. 合格证；
7. 气动液压铆螺母枪专用液压油一瓶；
8. 气动液压铆螺母枪专用油脂一盒；

故障诊断:

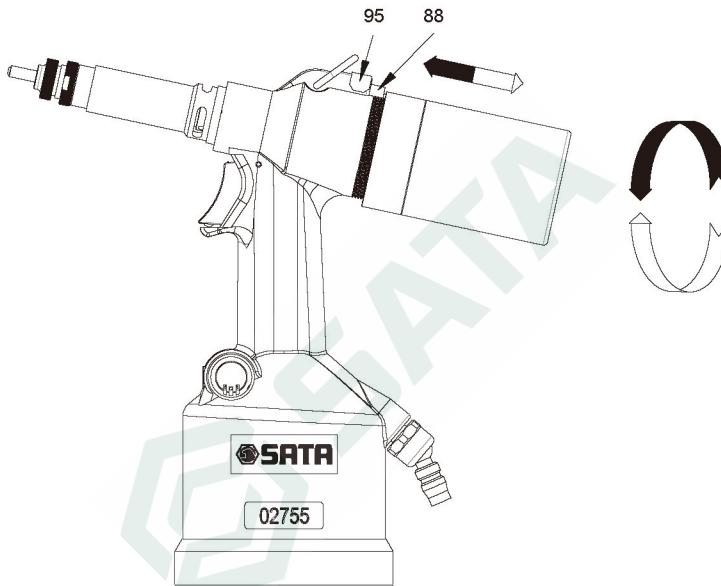
故障	原因	排除措施
马达转速慢	气动马达内漏	查出损坏的密封垫, 更换
	气压低	调整气压
	送风道阻塞	消除阻塞部位
	螺钉损坏	更换
	叶片堵塞	清洁气动马达和叶片
铆螺母变形量不足	行程不正确	调整行程
	气压低	调整气压
	液压油不足	加注液压油
	工件板厚不符	检查铆螺母及铆接板厚
拉杆自转	分配器没有复位, 或主轴传动杆 (No.44B) 松脱	打开后盖, 前后推几下分配器, 或拧紧主轴传动杆 (No.44B) 并调到合适的位置
	弹球 (No.79) 破损	更换弹球
铆螺母不能自动旋进拉杆	嵌入螺母不当	改成正确的螺母
	拉杆安装错误	更换正确的拉杆
	拉杆陈旧或损坏	更换
	推杆 (78) 太短	更换
	紧固螺母 (No.45) 与 (No.46) 的间距不够	调整到 1.5mm 至 2mm 间隙距离
	紧固螺母 (No.45) 与连接轴 (No.44) 分离	调整到 1.5mm 至 2mm 间隙距离
拉杆卡在工件中	行程过大	调到 0 冲程, 按住开关不放
	螺母有缺陷	更换铆螺母
	拉杆不正确或损坏	更换
拉杆破裂	行程过大	重新设置行程
	拉杆一边受力	使工具与螺母平行
无拉拔操作	主轴传动杆 (No.44B) 与主轴锁紧螺丝松脱	拧紧
	没有连接气源	连接
	液压油不足	加注液压油
	后盖 (No.86) 0 行程	重新调整行程
扳机失效	静摩擦力过大	按住扳机几秒钟
	气压低	调高气压
	扳机机件堵塞	从扳机开闭销处加润滑油, 按动扳机数次, 若无效则拆开扳机清洁及润滑机件
	密封圈 (No.60) 磨损	更换
	密封圈 (No.31) 磨损	更换
	密封圈 (No.30) 磨损	更换

拉拔行程调整说明：

为了保证铆接的效果最好，行程的调节是十分必要的。因此建议在铆接之前，先在一个与工件有相同厚度和孔径的测试板上做为本机使用前的调节样板。

- 假如行程过短，铆螺母变形不足，工件就会铆接不紧；
 - 如果行程过长，铆螺母过度变形，易拉坏铆螺母和拉杆上的螺纹； 行程的大小通过气动液压铆螺母枪后盖（No.86）来调节，调节行程时，先松开螺钉退出定位杆（No.95）。
- 若板材很薄，需增长行程，将后盖逆时针旋转松开；若板材较厚，需要较少行程，需将后盖顺时针旋转拧紧，直到达到最佳行程为止；

后盖从最紧处逆时针方向旋转打开不要多于 5 圈，达到最佳铆接效果后将定位杆（No.95）锁住后盖即可。



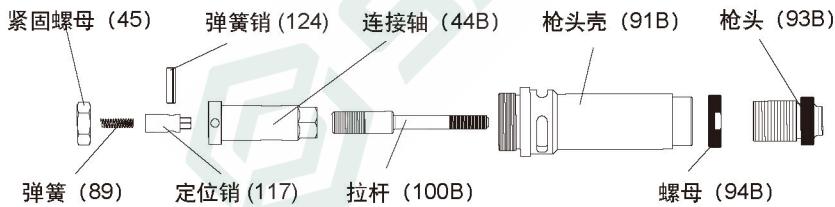
使用操作步骤：

1. 将工具连接上气源
2. 调节好行程
3. 将铆螺母旋进枪嘴螺杆 1-2 牙，然后轻轻一压，铆螺母会自动旋进拉杆并停止
4. 将铆螺母放进工件孔内，紧贴工件
5. 按住开关不放，铆螺母会自动铆在工作件上并自动倒转出来，然后松开开关，铆接结束

枪头总成更换：

重要提示：枪头总成的正确安装是至关重要的。在安装或拆卸之前，必须切断气源，除非有特殊说明
枪头总成更换步骤：

1. 拔掉气源；
2. 用 23mm 的扳手卡住枪头壳，用 22mm 的扳手逆时针松开锁紧螺母后卸掉枪头，再卸下枪头壳；
3. 用手捏住弹簧销两端反向退回，逆时针旋出拉杆，把要更换的拉杆往连接轴顺时针旋到底，松开弹簧销，转动拉杆，直到定位销自动卡住拉杆；
4. 装好拉杆后旋紧枪头壳，再把对应的枪头总成装上，根据铆螺母的长度调好拉杆漏出的长度，调好后锁紧螺母



工具维护保养：

重要提示：产品的维护应由指定人员进行，除非经过良好的培训，产品的操作者无需对产品进行维护、维修。产品应定期检查损坏情况和性能状态。

每日保养：

1. 每日使用前检查是否漏气，如果气管及接头损坏，应予更换。
2. 如果未安装气源过滤器，在产品接通气源前应先清洁气路内积尘和排放积水；如果已经安装过滤器，则需经常检查滤芯，及时清洗。
3. 核实使用正确规格的拉杆。
4. 核实产品的行程。
5. 检查拉杆，若磨损或损坏，请立即更换（拆卸拉杆与安装拉杆步骤相反）。
6. 每周保养，检查机身是否漏油漏气，检查液压油是否缺少或气泡过多。
7. 世达公司建议每操作 1 万次，需检查拉杆和液压油状况。

加注液压油：

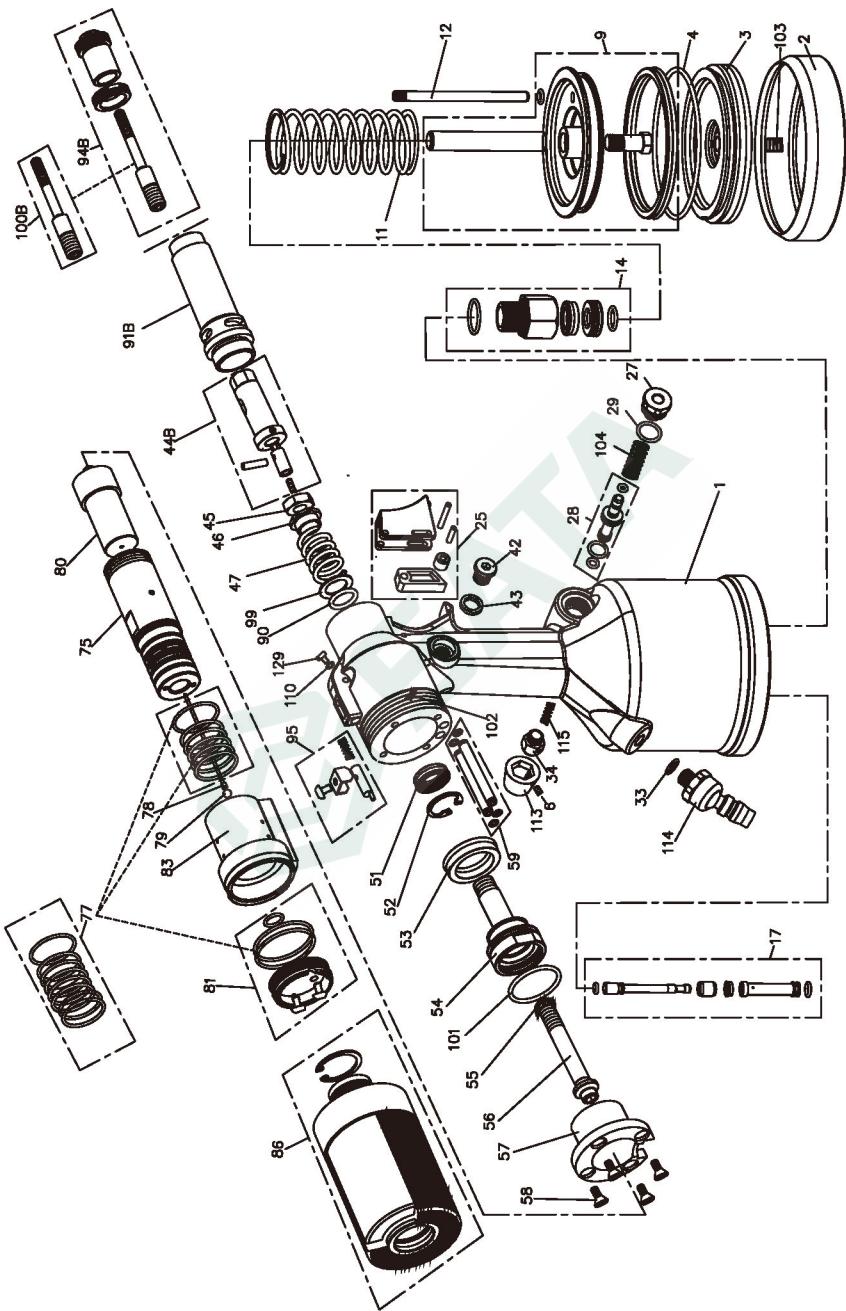
重要提示：所有的操作都用清洁过的手，在一个干净的环境中进行：保证油的清洁，没有气泡；防止杂物进入工具或损坏工具。

液压油加注步骤：

1. 将工具平放，封油螺丝（No.42）向上。
2. 手推冲程定位销（No.95）并松开后盖（No.86），从最里面的位置向外最大旋转 5 圈。
3. 用六角扳手把封油螺丝（No.42）和油封垫圈（No.43）松开。
4. 慢慢倒进液压油并要使工具里的气泡排出。
5. 加满后重新紧固油封垫圈（No.43）和封油螺丝（No.42）。
6. 确保封油螺丝已经完全紧固。

世达全自动气动液压铆螺母枪保用条款：

1. 自产品二维码扫描注册后3个月内，或者自购买之日起3个月内（以发票日期为准），因材料和生产工艺造成的产品结构损坏，产品不能正常操作的，世达提供免费维修和更换配件服务
2. 产品易耗件不属于世达产品保用范围，易耗件包括拉杆、枪头总成、气马达叶片、所有密封件、复位弹簧、液压油及专用润滑油脂
3. 产品经用户自行改装，或者不按照世达规定的拆装流程进行保养维护而造成的产品损坏，不享受世达产品保用服务
4. 产品使用了超出推荐规格的铆接件，或者使用了不正确的附件与铆接件进行配合而造成的产品无法正常操作的，不享受世达产品保用服务
5. 产品使用了不符合国家标准或者国际标准的铆接件，造成产品无法正常操作的，不享受世达产品保用服务
6. 产品经过非世达授权的服务机构维修，或者使用了非世达公司提供的零件后，造成产品不能正常操作的，不享受世达产品保用服务



图号	配件编号	配件中文品名	单位	数量 / 套	图号	配件编号	配件中文品名	单位	数量 / 套
1	P02755-1	壳体	件	1	79	P02755-79	弹球	件	1
2	P02755-2	底盖护套	件	1	80	P02755-80	马达整组	件	1
3	P02755-3	底盖	件	1	81	P02755-81	端盖总成	件	1
4	P02755-4	O型圈 20	件	1	83	P02755-83	分配器	件	1
6	P02755-6	止付螺丝 M3*5	件	1	86	P02755-86	行程筒总成	件	1
9	P02755-9	活塞盖总成	件	1	90	P02755-90	O型圈 23	件	2
11	P02755-11	活塞弹簧	件	1	91B	P02755-91B	枪头壳	件	1
12	P02755-12	活塞体气管	件	1	P02755M3K	枪头总成(含拉杆) M3	件	1	
14	P02755-14	油封总成	件	1	P02755M4K	枪头总成(含拉杆) M4	件	1	
17	P02755-17	开关底座总成	件	1	P02755M5K	枪头总成(含拉杆) M5	件	1	
25	P02755-25	开关接板总成	件	1	P02755M6K	枪头总成(含拉杆) M6	件	1	
27	P02755-27	换向烟嘴母 M16	件	1	P02755M8K	枪头总成(含拉杆) M8	件	1	
28	P02755-28	换向阀总成	件	1	P02755M10K	枪头总成(含拉杆) M10	件	1	
29	P02755-29	O型圈 21	件	1	P02755M12K	枪头总成(含拉杆) M12	件	1	
34	P02755-34	消音器	件	1	P02755-95	定位滑块总成	件	1	
42	P02755-42	注油螺丝 M10*126	件	1	99	P02755-99	垫圈	件	1
43	P02755-43	垫圈	件	1	P02755M3	拉杆 M3	件	1	
44	P02755-44	主轴传动杆总成	件	1	P02755M4	拉杆 M4	件	1	
45	P02755-45	主轴锁紧螺母 M10	件	1	P02755M5	拉杆 M5	件	1	
46	P02755-46	主轴套螺母 M13	件	1	100B	P02755M6	拉杆 M6	件	1
47	P02755-47	复位弹簧	件	1	P02755M8	拉杆 M8	件	1	
51	P02755-51	油封	件	1	P02755M10	拉杆 M10	件	1	
52	P02755-52	卡环	件	4	P02755M12	拉杆 M12	件	1	
53	P02755-53	油封	件	1	P02755-101	O型圈 24	件	1	
54	P02755-54	马达主轴套	件	1	P02755-102	工艺弹珠	件	1	
55	P02755-55	垫片	件	1	P02755-103	端盖螺丝 PT18	件	1	
56	P02755-56	主轴	件	1	P02755-104	弹簧	件	1	
57	P02755-57	马达固定套	件	1	110	P02755-110	组合垫圈	件	1
58	P02755-58	螺丝 M5*16	件	4	113	P02755-113	消音器外套	件	1
59	P02755-59	排气管总成	件	1	114	P02755-114	接气总成	件	1
75	P02755-75	马达筒	件	1	115	P02755-115	复位弹簧	件	1
77	P02755-77	O型圈总成	件	1	129	P02755-129	螺丝 M5*10	件	1
78	P02755-78	顶针	件	1	130	P02755-130	油脂盒(含油脂)	件	1

Safety Rules:

This instruction manual must be read with particular attention to the following safety rules, by any person installing, operating, or servicing this tool.

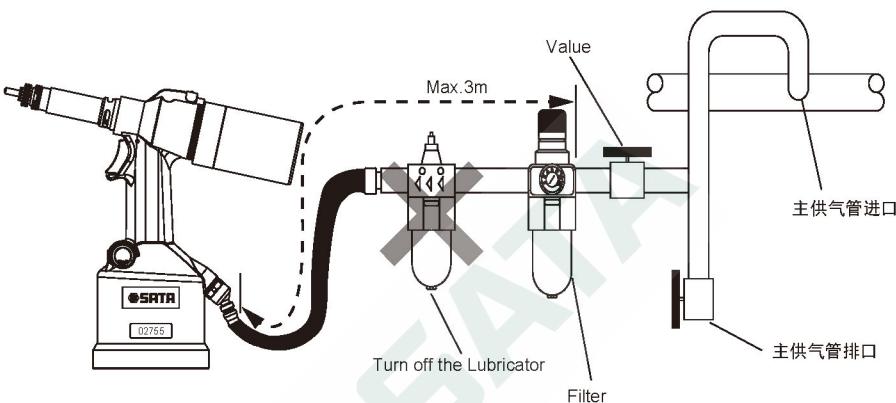
1. Do not use outside the design intent.
2. Do not use equipment with this tool/machine other than that recommended and supplied by SATA.
3. Any modification undertaken by the customer to the tool / machine, nose assemblies, accessories or any equipment supplied by SATA or their representatives shall be the customer's entire responsibility. SATA will be pleased to advise upon any proposed modification.
4. The tool/machine must be maintained in a safe working condition at all times and examined at regular intervals for damage and function by trained competent personnel. Any dismantling procedure shall be undertaken only by personal trained in SATA procedures. Do not dismantle this tool/machine without prior reference to the maintenance instructions. Please contact SATA with your training requirements.
5. Always disconnect the airline from the tool/machine inlet before attempting to adjust fit or remove a nose assembly.
6. Do not operate a tool /machine that is directed towards any person(s) or the operator.
7. Always adopt a firm footing or a stable position before operating the tool/machine.
8. Ensure that vent holes do not become blocked or covered and that hoses are always in good condition.
9. The operating pressure shall not exceed 7 bar (100 lbf/in²) .
10. Do not operate the tool without full nose equipment, oil plug and oil bleed screw in place.
11. When using the tool, the wearing of safety glasses is required both by the operator and others in the vicinity to protect against pin ejection, should a fastener be placed 'in air' . We recommend wearing gloves if there are sharp edges or corners on the application
12. Take care to avoid entanglement of loose clothes, ties, long hair, cleaning rags etc.in the moving parts of the tool which should be kept dry and clean for best possible grip.
13. When carrying the tool from place to place keep hands away from the trigger/lever to avoid inadvertent start up.
14. Excessive contact with hydraulic oil should be avoided. To minimize the possibility of rashes, care should be taken to wash thoroughly.

Application :

Automatic Pneumatic-hydro Lockbolts Tool uses for M3-M12 aluminum, copper, iron, stainless steel lockbolts. Its main USES the high quality synthetic material, with armed and light weight, easy to operate, fast pull riveting, riveting, don't crash, is the ideal riveting nut riveting tool.

Air Supply:

All tools are operated with compressed air at an optimum pressure of 5.5 bar. We recommend the use of pressure regulators and automatic oiling/filtering systems on the main air supply. These should be fitted within 3 meters of the tool (see diagram below) to ensure maximum tool life and minimum tool maintenance. Air supply hoses should have a minimum working effective pressure rating of 150% of the maximum pressure produced in the system or 10 Bars. Whichever is the highest Air hoses should be oil resistant, have an abrasion resistant exterior and should be armored where operating conditions may result in hoses being damaged. All air hoses MUST have a minimum bore diameter of 6.4 millimeters or 1/4 inch.



Packing List:

1. Air riveting tool;
2. 7 sets of nose assembly(including a gun);
3. A set of spanner;
4. Instruction manual;
5. Certification;
6. The special hydraulic oil;
7. The special grease;

Fault Diagnosis :

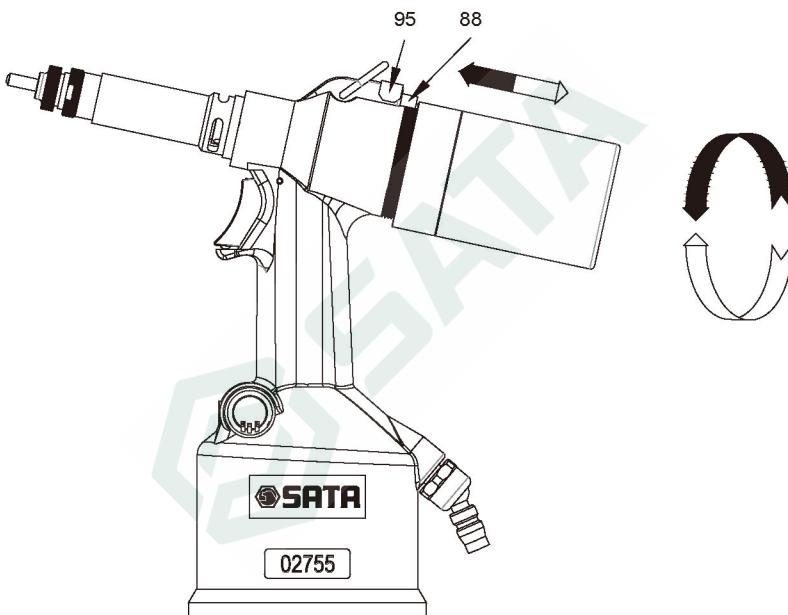
Symptom	Possible Cause	Remedy
Pneumatic motor	Air leak from motor	Check for worn seals. Replace
	Low air pressure	Adjust air pressure
	Air way blockage	Clear restriction in air supply
	Worn drive screw	Replace
	Vanес jamming	Lubricate tool through air inlet
Insert dose not deform properly	Stroke incorrectly	Adjust air pressure
	Adjust air pressure	Adjust air pressure
	Low oil level	Prime tool
	Insert out of gri	Check grip range of Insert
The rod does not stop rotating	The distributor is not reset and the spindle drive rod (44B) is loose	Open the back cover, push the distributor back and forth, tighten the spindle drive (44B) and transfer to the right position
	Marble (79) damaged	Change marbles (79)
Insert will not place onto drivescrew	Incorrect insert thread size	Change to correct inser
	Incorrect drive screw fitted	Change to correct drive screw
	Worn or damaged drive scre	Replace
	Nose equipment incorrectl	Disconnect air supply,re-fit nos
	assembled	equipment carefully
	The spacing between the fastening nut (45) and (46) is not enough	Adjust the gap distance from 1.5mm to 2mm
	The fastening nut (45) is separated from the connecting shaft (44)	Adjust the gap distance from 1.5mm to 2mm
Tool is jammed on placed insert	Excessive stroke	Do not depress trigger unlock
	Defective insert/	stroke locking device and bring
	The rod is not correct or damaged	replace
Rod fracture	Excessive stroke	Reset stroke
	Tension bar side	Parallel the tool to the nut
Riveting nut, gun without riveting stroke	The spindle drive rod (44B) is loosened with the main axle lock screw (45)	Tighten
	No connection gas source	Connect
	Hydraulic oil shortage	Fill up the hydraulic oil
	Rear lid (86) 0 stroke	Reset stroke
Trigger failure	Static friction force	Hold the trigger for a few seconds
	Low barometric pressure	Adjusting air pressure
	Trigger block	Add lubricating oil from the air inlet and press the trigger several times. If it is not valid, remove the trigger, clean and lubricate the parts
	Sealing ring (60) wear	replace
	Sealing ring (31) wear	replace
	Sealing ring (30) wear	replace

Putting into service:

This adjustment is necessary to ensure optimum insert deformation. It is suggested, therefore, that a test plate with the same thickness and hole size as workpiece be used.

1. If deformation is insufficient, the insert will rotate inside the application. If
2. deformation is excessive, thread distortion will occur and possibly drive screw fracture.

The stroke is adjusted by the amount the rear casing 86 is screwed in or out. To shorten stroke, screw in ; to lengthen stroke, unscrew the rear casing but never more than 5 turns from the fully "IN" position unless dismantling the tool. Adjust until optimum deformation is obtained. Lock the stroke set finger 88 into the rear casing.



Operating Procedure:

1. Connect tool to air supply;
2. Offer up insert, lip first to drive screw. A light pressure will start the motor and automatically thread the insert up against nose and stop;
3. Insert fastener into application squarely;
4. Fully depress trigger. This will both place insert into the application and reverse it off the drive screw;

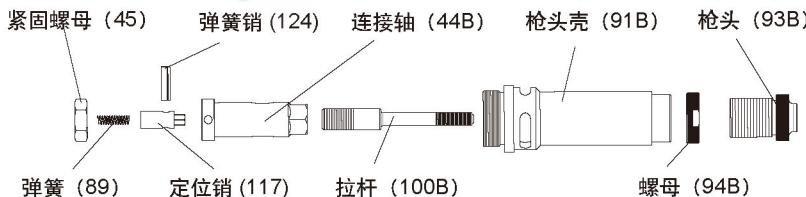
Replace Nose Assemblies:

It is essential that the correct nose assembly is fitted prior to operating the tool.

The air supply must be disconnected when fitting or removing nose assemblies unless specifically instructed otherwise.

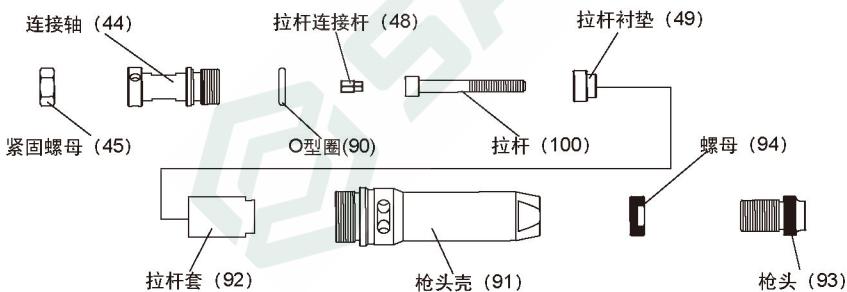
Item numbers in bold refer to illustration below:

1. Disconnect the air supply;
2. Stuck tips(91B) with 23mm wrench. Remove the pipette tip(93B) after anticlockwise loosen the lock nut(94B) with a 22mm wrench. then remove the gun head housing (91B);
3. Reverse return the spring pin(124) by pinching the both ends of its with hand. Rotate the lever(100B) counterclockwise. Replace the rod to the connecting shaft(44B) to the end with clockwise. Release the spring pin, turn the lever until the positioning pin (117) automatically stuck rod;
4. Tighten the gun head housing(94B) after installed the rod. Then mount the corresponding gun head assembly. Adjust the leaking length of rod according to the length of the rivet nut. Lock the nut(94B) after the adjusting.



Item numbers in bold refer to illustration below:

1. If still fitted remove the nose casing and the adaptor nut;
2. Insert drive shaft 48 into spindle ;
3. Fit drive screw 100 onto drive shaft 48;
4. Insert reducing sleeve 49 (if specified)into the adaptor nut;
5. Screw the adaptor nut onto the spindle ;
6. Hold the spindle with a spanner* and tighten the adaptor nut clockwise ;
7. While holding the adaptor nut with the spanner*,tighten the lock nut anti-clockwise;
8. Screw on the nose casing and nose tip 93 with the nose tip lock nut;
9. The reverse operation is carried out for equipment removal;
10. With tool still disconnected from air supply ,screw one insert onto drive screw manually-making sure the insert is flush with the end of drive screw.
11. Set nose tip in exact position and lock nose tip nut clockwise with a spanner.
12. Remove the insert from drive screw.



Servicing the Tool:

1. The employer is responsible for ensuring that tool maintenance instructions are given to the appropriate personnel.
2. The operator should not be involved in maintenance or repair of the tool unless properly trained.

Daily:

1. Daily before use or when first putting the tool into service, pour a few drops of clean, light lubricating oil into the air inlet of the tool if no lubricator is fitted on air supply. If the tool is in continuous use, the air hose should be disconnected from the main air supply and the tool lubricated every two to three hours.
2. Check for air leaks. If damaged, hoses and couplings should be replaced by new items.
3. If there is no filter on the pressure regulator, bleed the air line to clear it of accumulated dirt or water before connecting air hose to tool.
4. Check that the nose assembly is correct.
5. Check the stroke of the tool is adequate to place selected insert.
6. Inspect the drive screw in the nose assembly for wear or damage. If any, renew.
7. Check for oil leaks and air leaks on air supply hose and fittings.

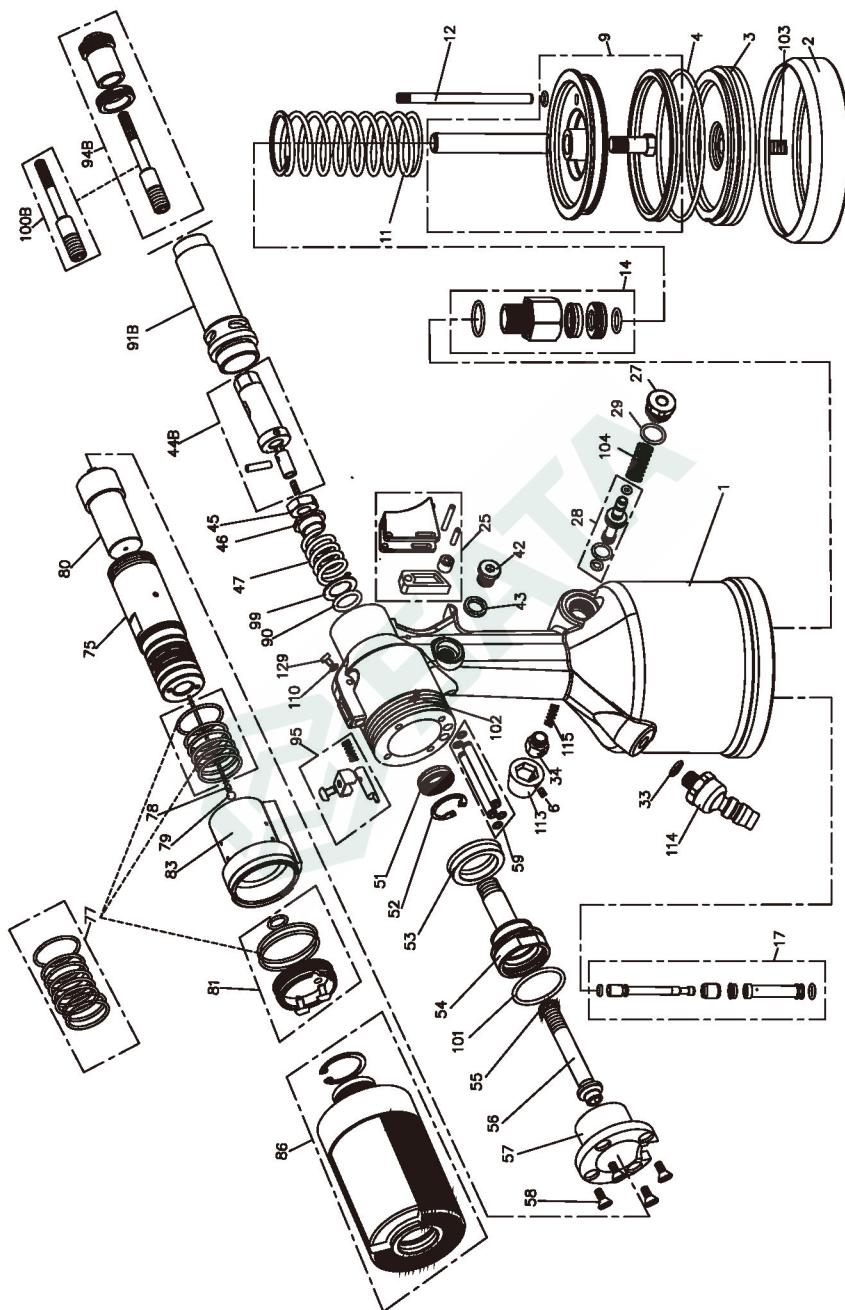
Filling the hydraulic oil:

All operations should be carried out on a clean hands in a clean area. Ensure that the oil is perfectly clean and free from air bubbles. Care must be taken at all times, to ensure that no foreign matter enters the tool, or serious damage may result.

The tool must remain on its side throughout the priming sequence

1. Place tool on its side, oil plug 42 side up
2. Pull back stroke set finger 88 and unscrew rear casing 86 by a maximum of 5 turn from the fully 'IN' position
3. With an Allen key, unscrew oil plug 42 and remove with oil seal washer 43
4. Fill tool with priming oil rocking gently to expel air
5. Replace oil seal washer 43 and oil plug 42 and tighten
6. You must now bleed the tool. This operation is to ensure air bubbles are eliminated from the oil circuit
7. Ensuring oil bleed screw is fully tightened unscrew by ONE TURN only, using an Allen key. Connect the tool to the air supply and depress the trigger.
8. Wait until oil appears all around oil bleed screw then re-tighten. Wipe excess oil away.
9. Release the trigger.
10. Using an Allen Key open oil plug 42.
11. Top-up with priming oil to reset level. Replace oil seal washer 43 and oil plug 42 and fully tighten.
12. It is necessary to fit the appropriate nose equipment and adjust the tool stroke prior to operating the tool.

02755



图号	配件编号	配件中文品名	单位	数量 / 套	图号	配件编号	配件中文品名	单位	数量 / 套
1	P02755-1	HEAD & HANDLE	件	1	79	P02755-79	BALL(RUBBER)	件	1
2	P02755-2	RUBBER BASE	件	1	80	P02755-80	OOKMARK LABEL	件	1
3	P02755-3	END PLUG(SCREWED)	件	1	81	P02755-81	AIR MOTOR END PLUG ASSEMBLY	件	1
4	P02755-4	O-Ring20	件	1	83	P02755-83	DISTRIBUTOR	件	1
6	P02755-6	Stop screw M3*5	件	1	86	P02755-86	REAR CASING ASSEMBLY	件	1
9	P02755-9	PNEUMATIC PISTON ASSEMBLY	件	1	90	P02755-90	O-Ring23	件	2
11	P02755-11	SPRING	件	1	91B	P02755-91B	NOSE CASTING	件	1
12	P02755-12	AIR SUPPLY TUBE	件	1	P02755M03K	PULL ROD ASSEMBLY M3	件	1	
14	P02755-14	Penta seal ASSEMBLY	件	1	P02755M04K	PULL ROD ASSEMBLY M4	件	1	
17	P02755-17	PLUG ASSEMBLY	件	1	P02755M05K	PULL ROD ASSEMBLY M5	件	1	
25	P02755-25	TRIGGER ASSEMBLY	件	1	P02755M06K	PULL ROD ASSEMBLY M6	件	1	
27	P02755-27	VALVE LOCKING PLUG M16	件	1	P02755M08K	PULL ROD ASSEMBLY M8	件	1	
28	P02755-28	VALVE PISTON ASSEMBLY	件	1	P02755M10K	PULL ROD ASSEMBLY M10	件	1	
29	P02755-29	O-Ring21	件	1	P02755M12K	PULL ROD ASSEMBLY M12	件	1	
34	P02755-34	SILENCER	件	1	P02755-95	allocation cam block ASSEMBLY	件	1	
42	P02755-42	Fill Screw M10*12.6	件	1	P02755-99	BRIDGE WASHER	件	1	
43	P02755-43	OIL SEAL WASHER	件	1	P02755M3	PULL ROD M3	件	1	
44	P02755-44	SPINDLE ASSEMBLY	件	1	P02755M4	PULL ROD M4	件	1	
45	P02755-45	LOCK NUT M10	件	1	P02755M5	PULL ROD M5	件	1	
46	P02755-46	RETURN SPRING LOCKNUT M13	件	1	P02755M6	PULL ROD M6	件	1	
47	P02755-47	Return Spring	件	1	P02755M8	PULL ROD M7	件	1	
51	P02755-51	FRONT SEAL	件	1	P02755M10	PULL ROD M8	件	1	
52	P02755-52	CIRCLIP	件	4	P02755M12	PULL ROD M9	件	1	
53	P02755-53	Penta seal	件	1	P02755-101	O-Ring24	件	1	
54	P02755-54	HYDRAULIC PISTON	件	1	P02755-102	PAM-(RUBBER)	件	1	
55	P02755-55	SHIM ADJUSTMENT RING	件	1	P02755-103	PLUG PT118	件	1	
56	P02755-56	MOVEMENT PIVOT	件	1	P02755-104	Spring	件	1	
57	P02755-57	STROKE STOP	件	1	P02755-110	Combined washer	件	1	
58	P02755-58	Screw M5*16	件	4	P02755-113	DEFLECTOR ASSEMBLY	件	1	
59	P02755-59	MOTOR AIR SUPPLY TUBE ASSEMBLY	件	1	P02755-114	CONNECTION ASSEMBLY	件	1	
75	P02755-75	REAR END PLATE	件	1	P02755-115	Return Spring	件	1	
77	P02755-77	O-Ring assembly	件	1	P02755-128	Screw M5*10	件	1	
78	P02755-78	PUSH ROD	件	1	P02755-130	Grease box (containing grease)	件	1	

No. _____

Date _____



全自动气动液压铆螺母枪

型 号： 02755

版本号： V- AT - 02755 - 1706 - 07



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