



nG3LB Tool – Instruction Manual Supplement.

Original

This must accompany the Manual (07900-00930) for the STD Genesis® nG3 tool



nG3LB Tool

Hydro-Pneumatic Power Tool

STANLEY
Engineered Fastening

Intent of Use

The Genesis® nG tool must “only” be used for placing 3/16” & 1/4” NeoBolt® as outlined in “Tool setting guide – Small diameter NeoBolt®: (07900-01071 GB)

Tool Specification

Air Pressure	Minimum - Maximum	5-7 bar
Free Air Volume Required	@ 5.5 bar	4.3 litres
Stroke	Minimum - Maximum	10-29 mm
Pull Force	@ 5.5 bar	12.9 kN
Cycle Time	Approximately	0.8 seconds
Noise Level	Less than	75 dB(A)
Weight	Without nose equipment	2.3 kg
Vibration	Less than	2.5 m/s ²

Safety Instructions

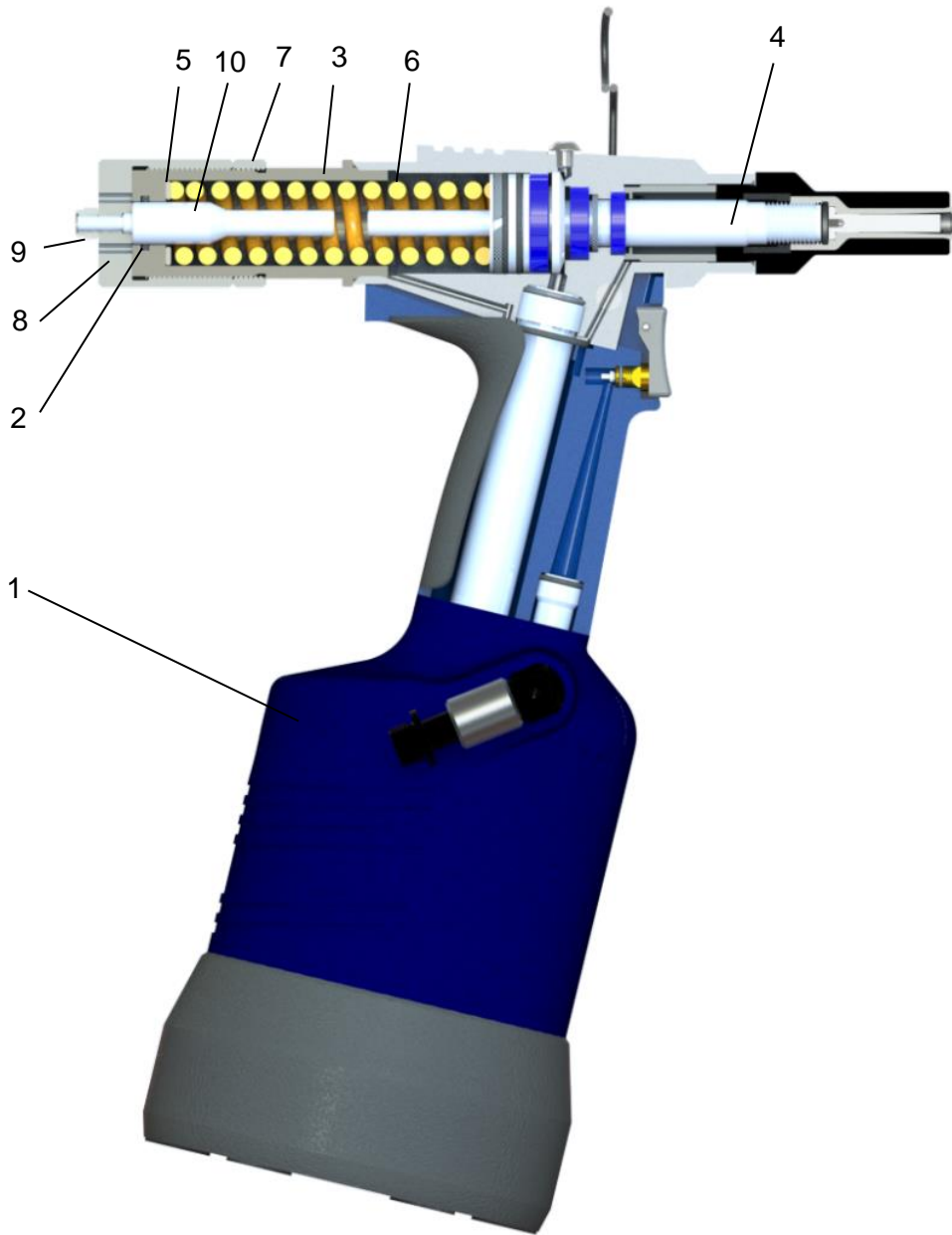
For the full safety instructions refer to the associated Genesis® nG tool manual (07900-00930 GB)

Certificate of Conformity

Refer to the associated Genesis® nG Instruction Manual (07900-00930 GB)

General Assembly

Base Tool – 71256-02000



View Shows 1/4" NeoBolt® nose equipment (not supplied as standard)

Parts List

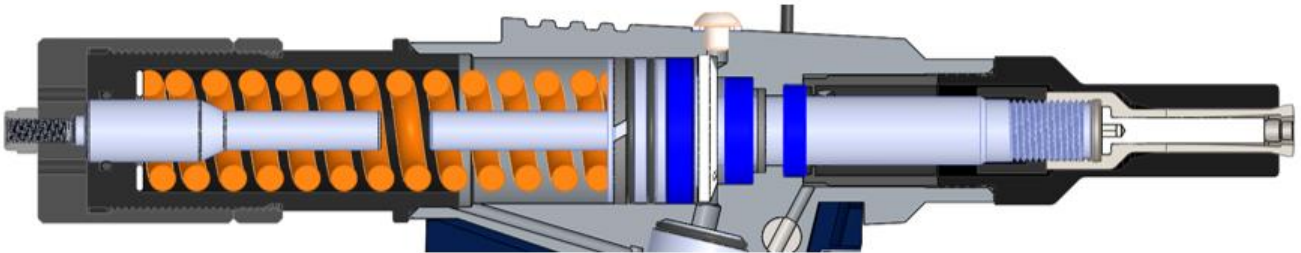
nG3LB NEOBOLT PLACING TOOL VARIANT PARTS LIST							
ITEM	PART NUMBER	DESCRIPTION	QTY	ITEM	PART NUMBER	DESCRIPTION	QTY
1	71256-02001	BODY MACHINED	1	6	07007-02136	SPRING	1
2	07003-00472	O-RING	1	7	71256-02006	LOCK NUT	1
3	71256-02003	SPRING HOUSING	1	8	71256-02005	ADJUSTING NUT	1
4	71256-02004	HYDRAULIC PISTON	1	9	07002-00098	NYLOC NUT	1
5	71256-02008	WASHER	1	10	71256-02007	ADJUSTING STOP	1

*NEW PARTS IN nG3 LIST

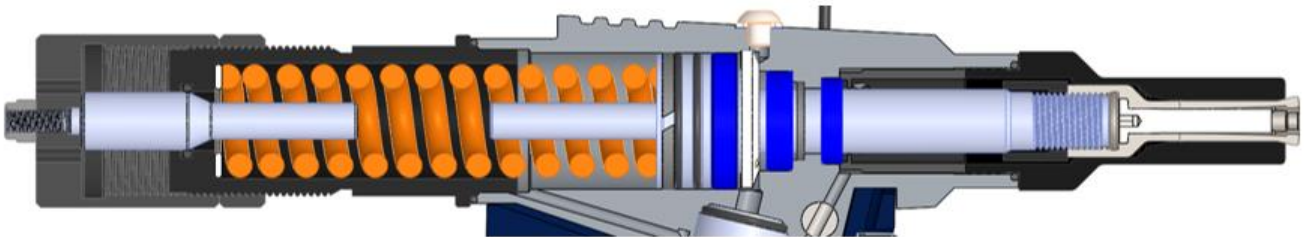
Stroke Information

The diagrams below show the minimum and maximum stroke conditions when rotating the adjusting nut **8**. When the adjusting nut is unscrewed beyond the maximum allowable stroke, air will start to leak from the rear of the adjusting nut. Do not use the tool if the air leaks from the tool. When air leaks from the tool, isolate the air from the tool and then screw the adjusting nut back onto the spring housing **3**. The adjusting nut will not have any air pressure behind it should the end user carry on unscrewing the nut from the spring housing. When setting the stroke of the hydraulic piston **4**, it is highly recommended that the locking nut **7** is tightened into the adjusting nut **8**.

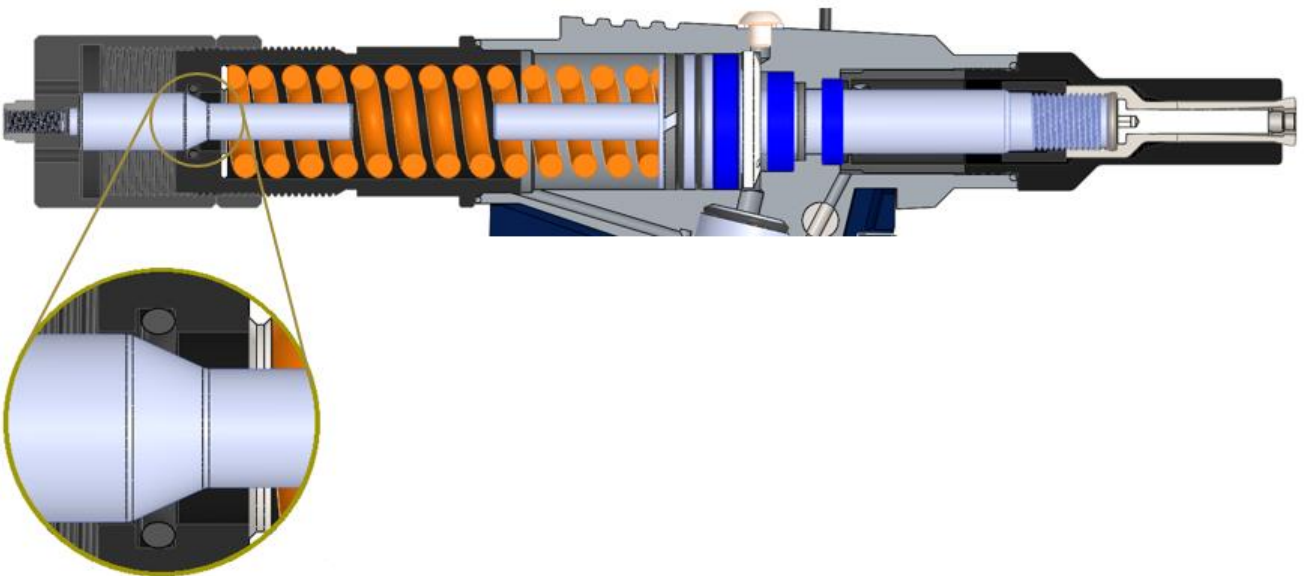
10mm MINIMUM STROKE



29mm MAXIMUM STROKE



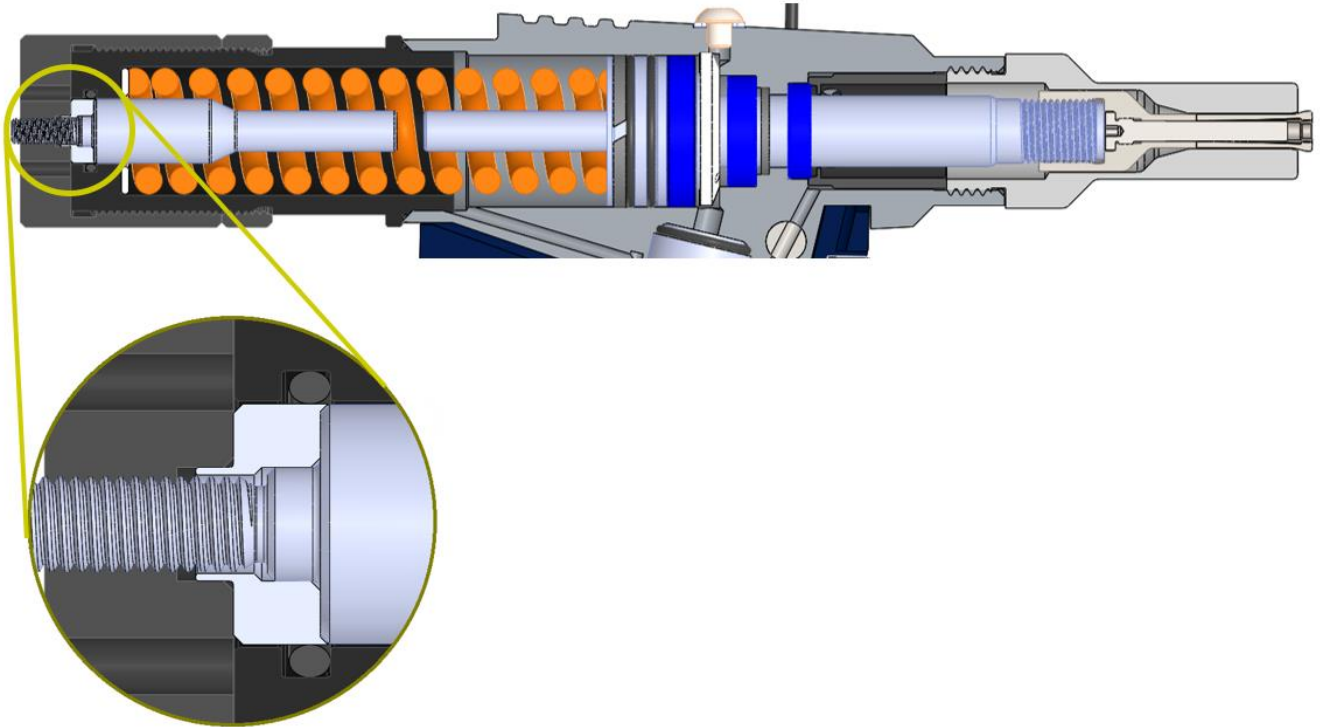
OVER STROKE



Fitting Procedure – 3/16” NeoBolt Nose Equipment

When placing 3/16” NeoBolt, a spacer is required to reduce the stroke of the tool. Spacer part number **71256-02011**. To fit spacer, follow procedure below:

1. Remove adjusting nut **8**
2. Unscrew Nyloc nut **9**
3. Unscrew adjusting stop **10**
4. Fit 3/16” stroke modification adaptor to adjusting nut **8**
5. Screw adjusting stop **10** into adjusting nut **8** fully ensuring spacer is retained in between the two items.
6. Screw adjusting nut **8** to spring housing **3**.
7. Minimum and maximum stroke now 5mm – 24mm respectively.



Fitting Procedure – 1/4” NeoBolt Nose Equipment

The spacer **71256-02011** as mentioned in section “Fitting Procedure – 3/16” NeoBolt Nose Equipment” must be removed prior to placing 1/4” NeoBolt. Refer to the procedure in this section to remove it.

Minimum and maximum stroke is 10mm and 29mm respectively when the spacer is removed

Maintenance/Dismantling Instructions

THE AIR LINE MUST BE DISCONNECTED BEFORE ANY DISMANTLING IS ATTEMPTED

1. Unscrew the Adjusting Nut **8** from the Spring Housing **3** by hand.
2. Unscrew the Spring Housing fully **3** using a 25mm A/F spanner. Remove the Spring **6**, Washer **5** and Hydraulic Piston **4** from the rear of the tool.
3. Refer to tool manual **07900-00930 GB** for further disassembly and maintenance.

Re-assemble in the reverse order.

For Safety and Full Servicing and Maintenance instructions, refer to the nG3 Genesis® tool Manual (**07900-00930 GB**). Item numbers in **bold** refer to the parts list on page 2 in this flyer.



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07900-01067	D2	17/275

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