



Original Instructions

G3LB Tool – Instruction Manual Supplement.

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



G3LB 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

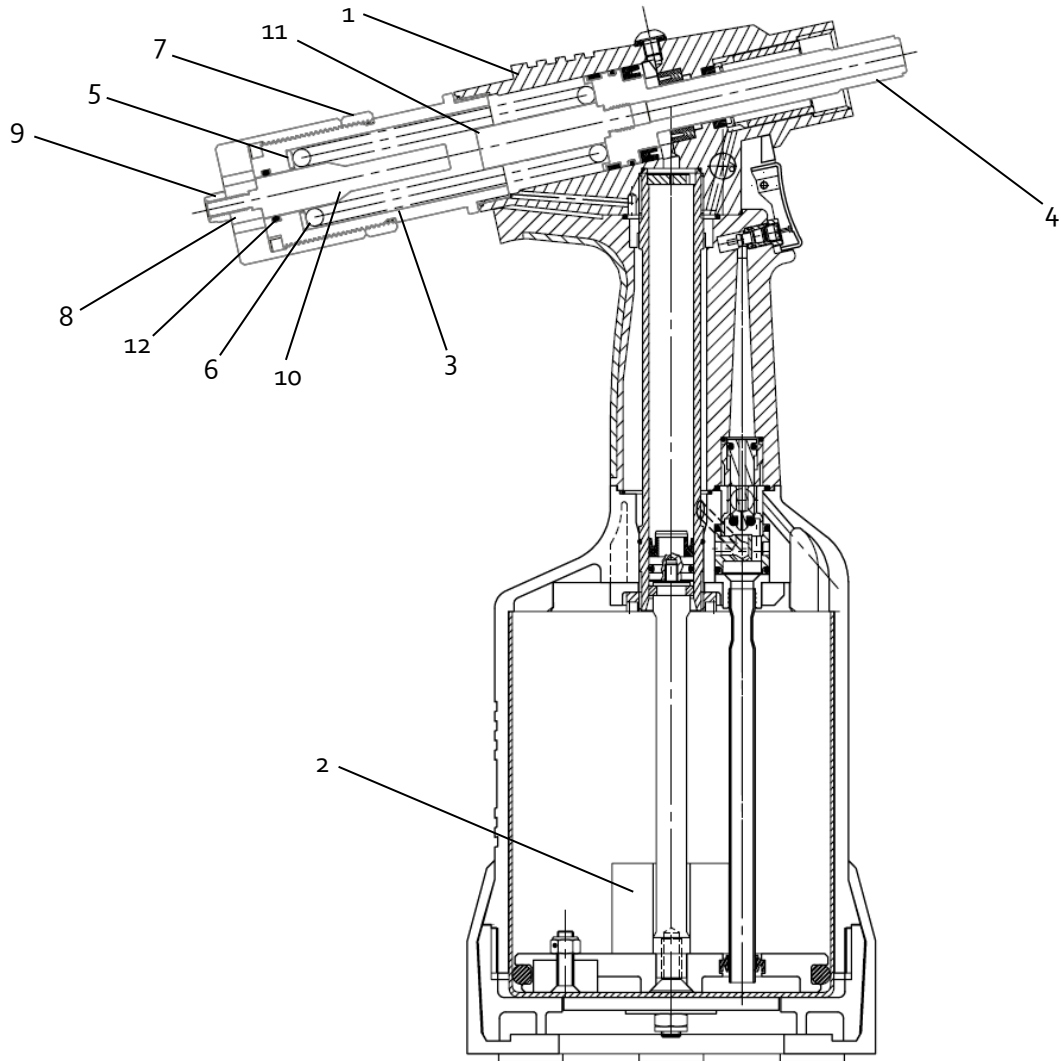
For the full safety instructions refer to the associated Genesis® nG tool manual (07900-00930 GB)

Certificate of Conformity

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

General Assembly

Base Tool – 71256-02000

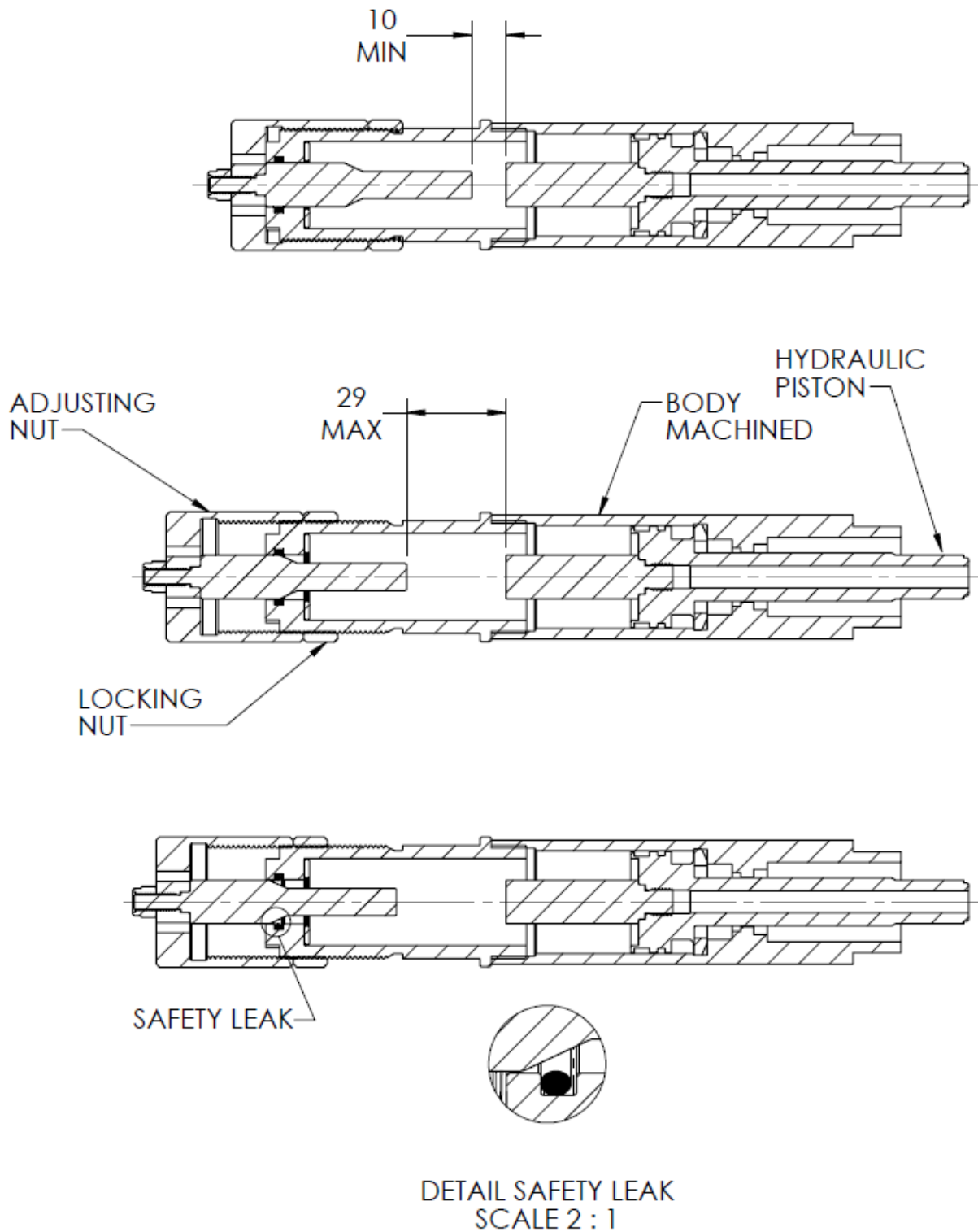


Parts List

G ₃ LB NEOBOLT PLACING TOOL VARIANT PARTS LIST							
ITEM	PART NUMBER	DESCRIPTION	QTY	ITEM	PART NUMBER	DESCRIPTION	QTY
1	71256-02001	BODY MACHINED	1	7	71256-02006	LOCK NUT	1
2	71256-02002	PISTON STOP	1	8	71256-02005	ADJUSTING NUT	1
3	71256-02003	SPRING HOUSING	1	9	07002-00098	NYLOC NUT	1
4	71256-02004	HYDRAULIC PISTON	1	10	71256-02007	ADJUSTING STOP	1
5	07002-00202	WASHER	1	11	71256-02002	PISTON STOP	1
6	07007-02136	SPRING	1	12	07003-00472	O-RING	1
*NEW PARTS IN nG ₃ 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**.



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 25mmA/F spanner. Remove the Spring **6**, Washer **5** and Hydraulic Piston **4** from the rear of the tool.
3. To remove the Piston stop **2** the Base Cover **31** must first be removed to gain access
4. Clamp the body of the inverted tool ACROSS THE AIR INLET BOSSES in a vice fitted with soft jaws.
5. Pull off Rubber Boot **48**.
6. Using the peg spanner* unscrew Base Cover **31**.
7. Unscrew Nyloc Nuts **67** (2 off) and remove Base Plate Assembly **65**.
8. Remove Cylinder Liner **37** together with Sealing Washers **29** (2 off) and 'O' Rings **66** (2 off).
1. Remove Pneumatic Piston Assembly **57** together with 'O' Ring **75**, Lip Seal **90** (3 off), Guide Ring **51** and Piston Stop **2**.

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 and page 24 in the nG3 tool manual



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07900-01067	D	16/303

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