

Assembly Instructions For HP-P1000W/HP-P900W

Date: July 2018

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(A) Air reservoir front part assembly

Process Code: P1WA

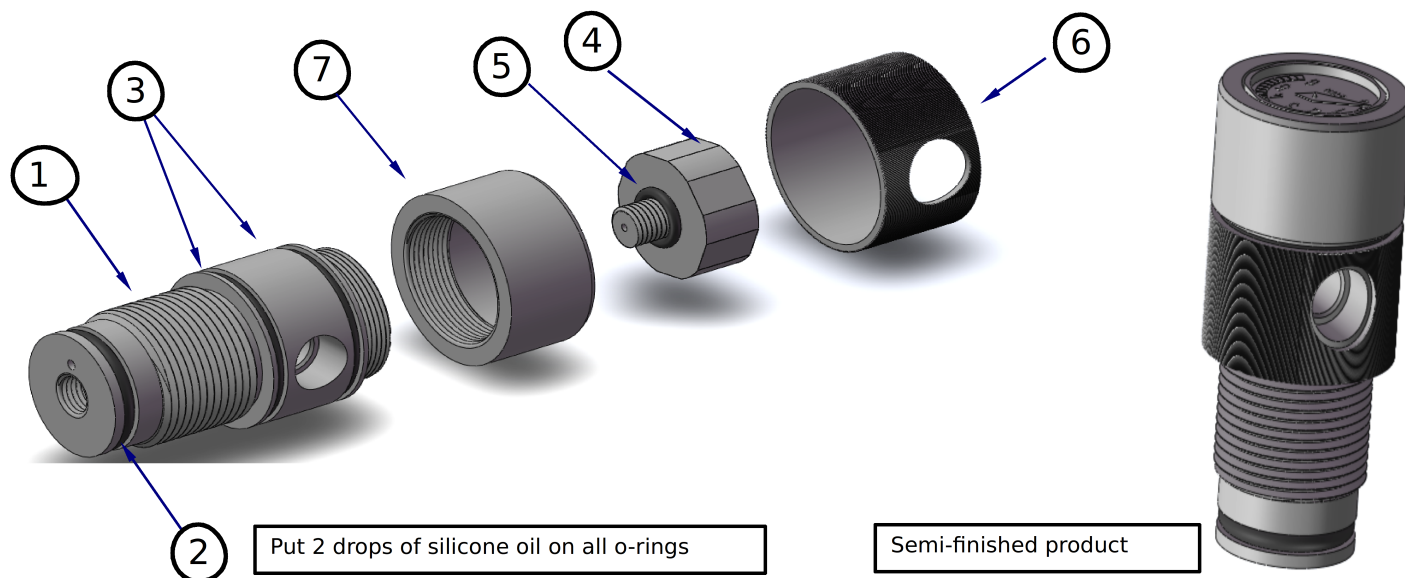
Date: July 2018

Video Code: V-P1WA

Version: 1.0

Product Code: HP-P1000W/HP-P900W

Product Name: P1W (Wood) .177/.22



No	Material Name	Material Code	Quantity	Remark
1	Air reservoir front plug	000P1-007-W-00	1	
2	NBR o-ring $\phi 3 \times \phi 24$ hardness 90°	000P1-006-X-00	1	
3	NBR o-ring $\phi 2 \times \phi 31$ hardness 90°	000P1-027-X-00	2	
4	Pressure gauge P1	000P1-002-W-00	1	
5	NBR o-ring $\phi 2 \times \phi 12$ hardness 90°	000P2-007-X-00	1	
6	Air reservoir front plug ring	000P1-017-W-00	1	
7	Pressure gauge protective cap	000P1-055-W-00	1	
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(B) Air reservoir overall assembly

Process Code: P1WB

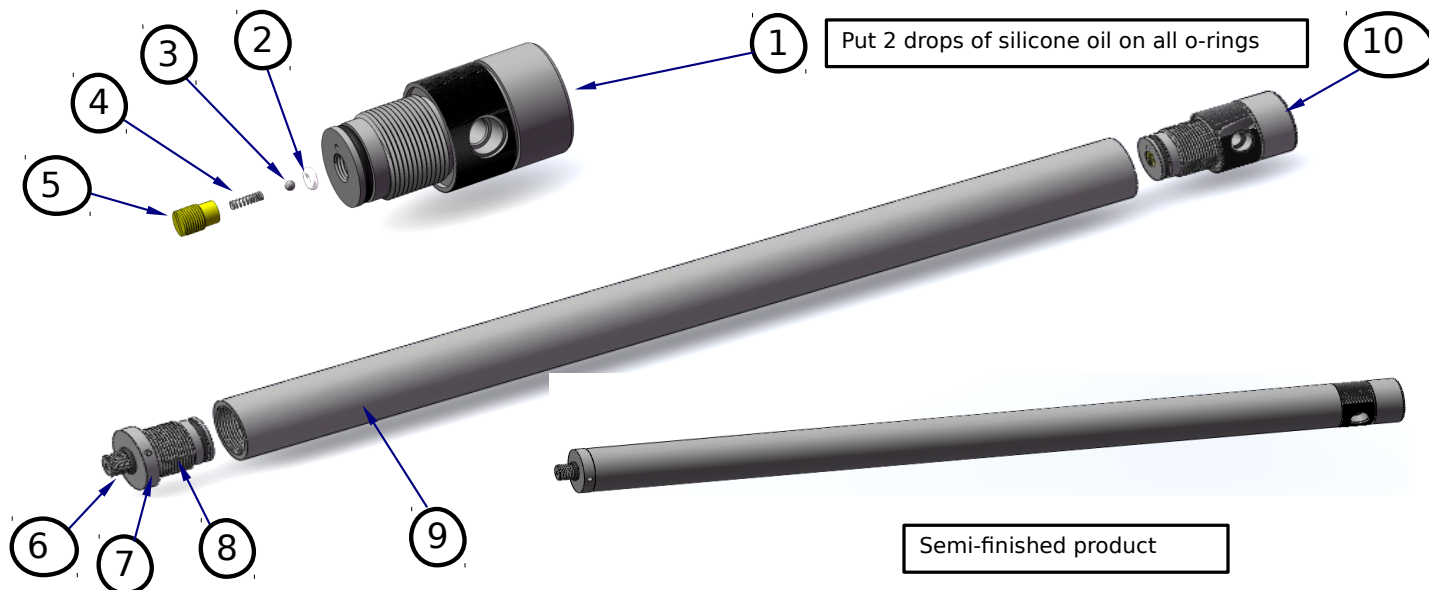
Date: July 2018

Video Code: V-P1WB

Version: 1.0

Product Code: HP-P1000W/HP-P900W

Product Name: P1W (Wood) .177/.22



No	Material Name	Material Code	Quantity	Remark
1	Air reservoir front plug Semi-finished product	/	1	
2	PU o-ring $\phi 2.2 \times \phi 7$ hardness 90° (milk white colour)	000P1-025-X-00	1	
3	Steel ball $\phi 3$	000P2-026-W-00	1	
4	Air reservoir front plug check valve spring	000P1-020-W-00	1	
5	Air reservoir front plug check valve screw	000P1-019-W-00	1	
6	Air reservoir rear plug	000P1-0007-W-00	1	
7	NBR o-ring $\phi 2.5 \times \phi 15$ hardness 90°	000P1-026-X-00	1	
8	NBR o-ring $\phi 3 \times \phi 24$ hardness 70°_x000D_	000P1-006-X-00	1	
9	Air reservoir tube	000P1-006-W-00	1	
10	Air reservoir front plug Semi-finished product	/	1	
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(C) Pellet probe assembly

Process Code: P1WC

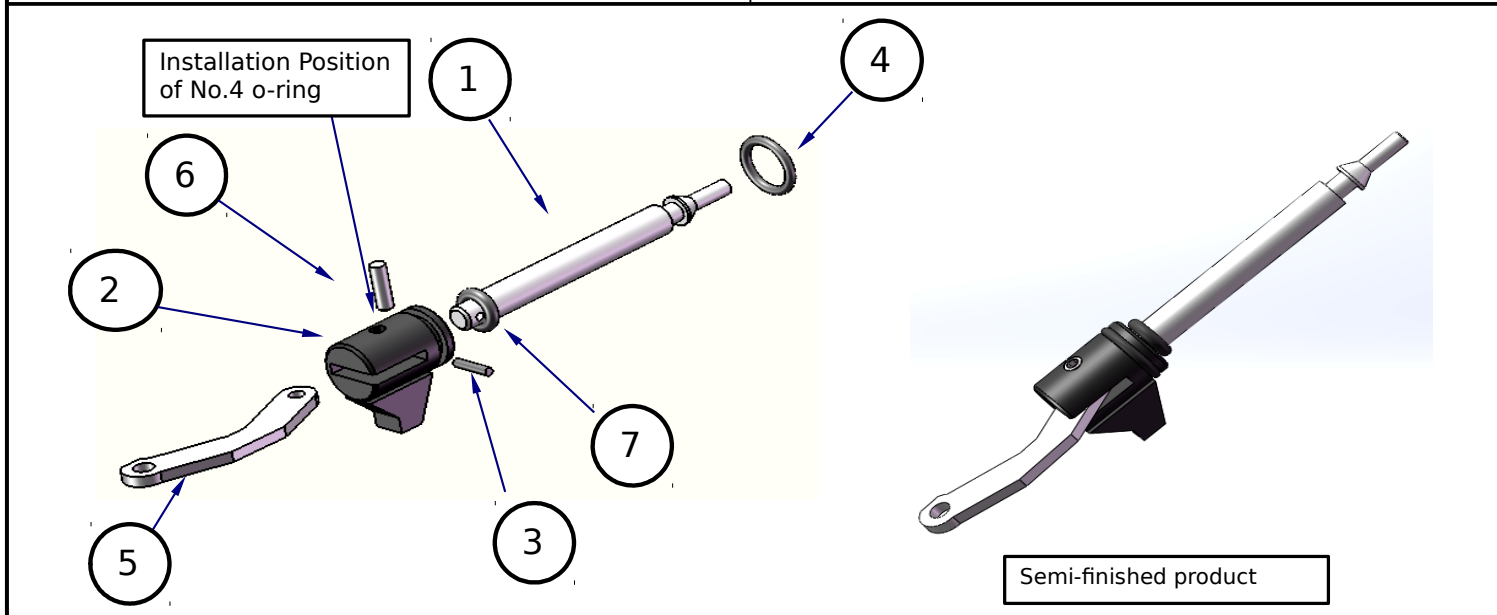
Date: July 2018

Video Code: V-P1WC

Version: 1.0

Product Code: HP-P1000W/HP-P900W

Product Name: P1W (Wood) .177/.22



No	Material Name	Material Code	Quantity	Remark
1	Pellet probe	000P1-058-W-00 (.177) / 000P1-028-W-00 (.22)	1	
2	Pellet probe seat	000P2-182-W-00	1	
3	Pellet probe pin $\phi 1.5 \times 7$ (45-h8)	000P2-064-W-00	1	
4	Pellet probe seat o-ring NBR $\phi 1.5 \times \phi 11$ hardness 90°	000P2-036-X-00	1	
5	Side lever action connecting rod	000P2-061-W-00	1	
6	Side lever action connecting rod front pin	000P2-183-W-00	1	
7	Pellet probe rear o-ring NBR $\phi 2 \times \phi 8$ hardness 90°	000P2-037-X-00	1	
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(D) Hammer and spring assembly

Process Code: P1WD

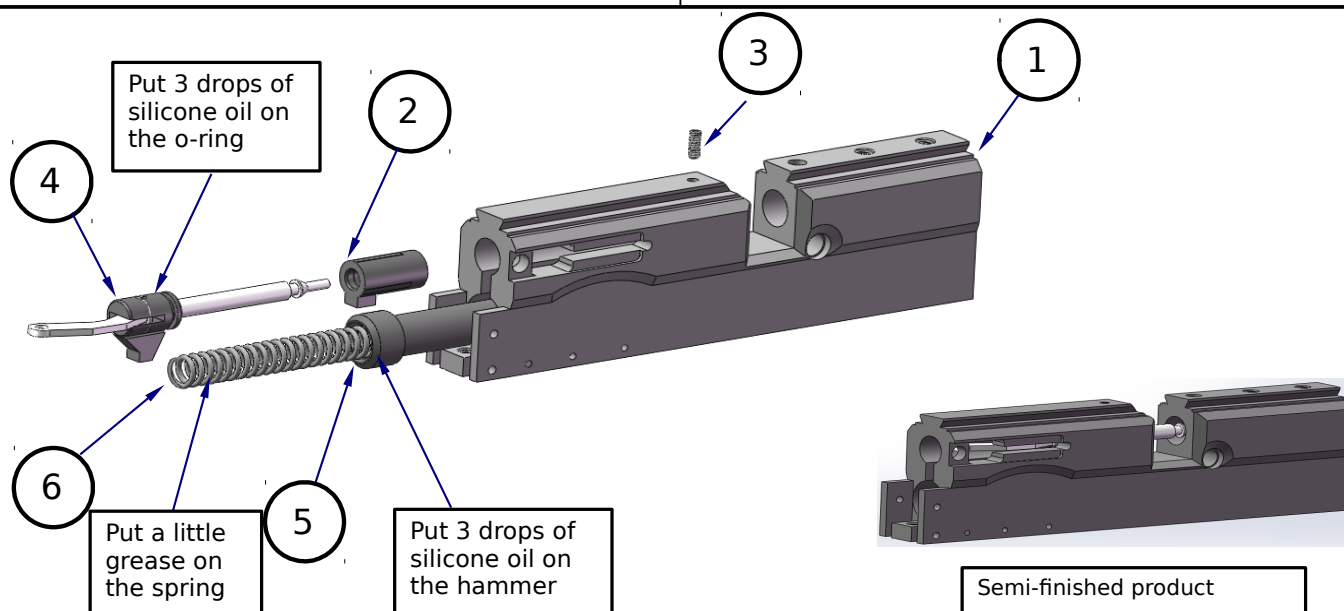
Date: July 2018

Video Code: V-P1WD

Version: 1.0

Product Code: HP-P1000W/HP-P900W

Product Name: P1W (Wood) .177/.22



No	Material Name	Material Code	Quantity	Remark
1	Aluminum valve body	/	1	
2	Pellet probe cap	000P1-025-S-00 (.177) / 000P1-008-S-00 (.22)	1	
3	Cone point allen screw M3×8	000P2-185-W-00	1	
4	Pellet probe Semi-finished product	/	1	
5	Hammer P1 (P1/P2)	000P1-059-W-00	1	
6	Hammer spring P1	000P2-079-W-00	1	
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(E) Power adjustment valve assembly

Process Code: P1WE

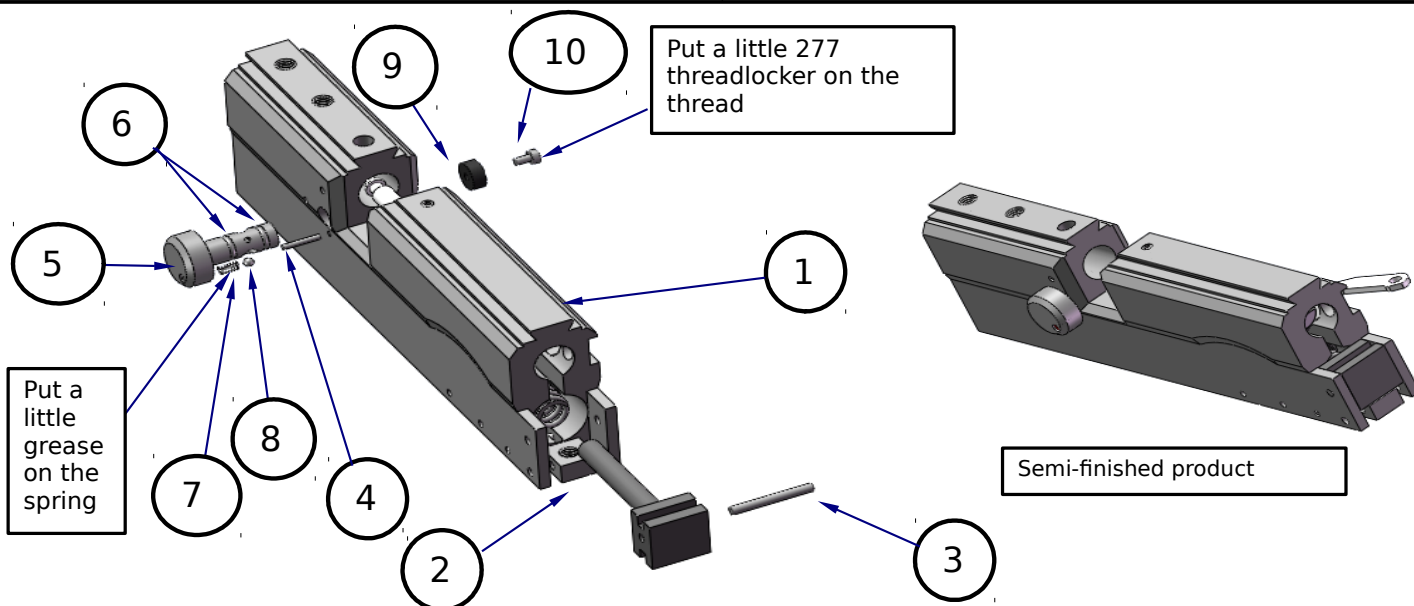
Date: July 2018

Video Code: V-P1WE

Version: 1.0

Product Code: HP-P1000W/HP-P900W

Product Name: P1W (Wood) .177/.22



No	Material Name	Material Code	Quantity	Remark
1	Side lever action Semi-finished product aluminum valve body	/	1	
2	Cocking bracket 2	000P2-007-S-00	1	
3	Aluminum valve body horizontal pin 2	000P1-085-W-00	1	
4	Steel pin	000P1-027-W-00	1	
5	Power adjustment valve	000P2-043-W-00 (.177) / 000P2-026-W-00 (.22)	1	
6	Power adjustment valve o-ring NBR $\phi 1.5 \times \phi 7$	000P2-031-X-00	2	
7	Power adjustment valve spring $\phi 0.32 \times \phi 2.32 \times 6.34$	000P2-045-W-00	1	
8	Bearing steel ball $\phi 2.5$	000P1-044-W-00	1	
9	Power adjustment valve washer	000P2-005-S-00	1	
10	Round head allen screw M2×4	000P1-042-W-00	1	
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(F) Side lever action handle assembly

Process Code: P1WF

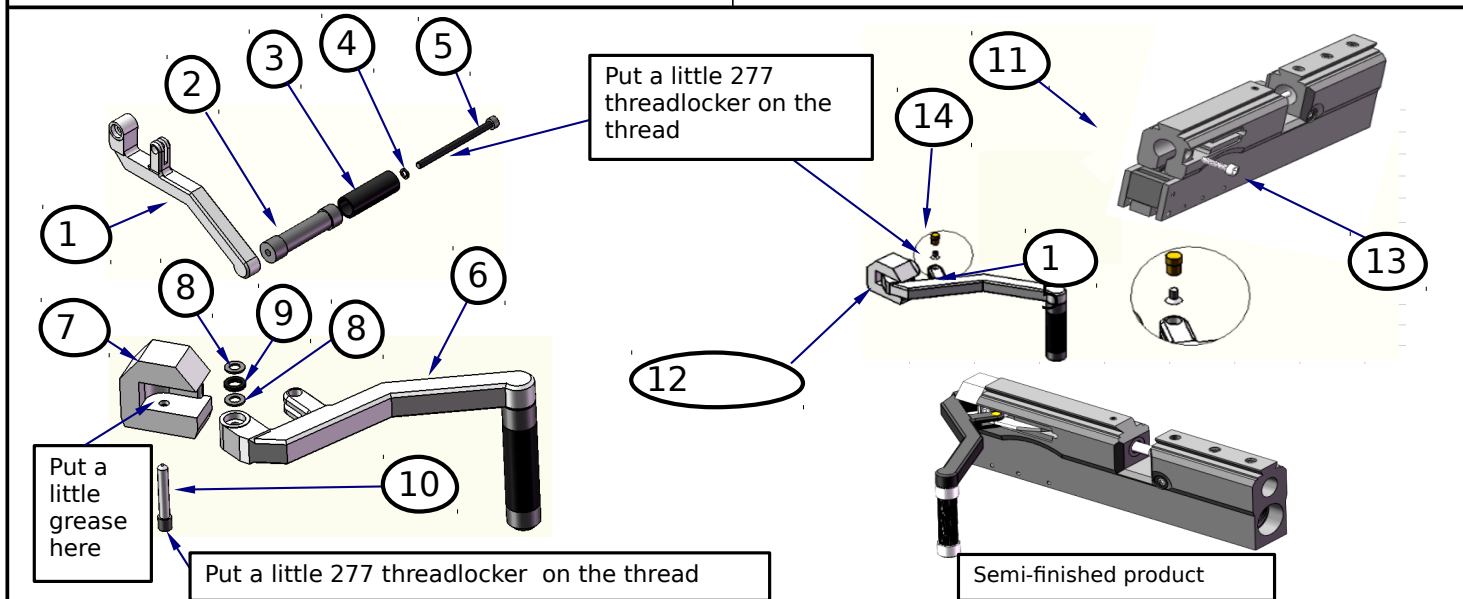
Date: July 2018

Video Code: V-P1WF

Version: 1.0

Product Code: HP-P1000W/HP-P900W

Product Name: P1W (Wood) .177/.22



No	Material Name	Material Code	Quantity	Remark
1	Side lever action pull rod (vertical)	000P2-063-W-00	1	
2	Side lever action handle	000P2-133-W-00	1	
3	Side lever action handle sleeve	000P2-040-X-00	1	
4	Standard spring washer $\phi 3.1 \times 4.7 \times 0.8$	000P2-135-W-00	1	
5	Round head allen screw M3 \times 45	000P2-134-W-00	1	
6	Side lever action pull rod Semi-finished product	/	1	
7	Cocking bracket 1	000P2-082-W-00	1	
8	Small flat washer $\phi 3.2 \times \phi 6 \times 0.5$	000P2-066-W-00	1	
9	Standard spring washer $\phi 4.1 \times \phi 6.3 \times 1.1$	000P2-067-W-00	2	
10	Cocking bracket 1 vertical pin	000P2-084-W-00	1	
11	Aluminum valve body semi-finished product	/	1	
12	Side lever action pull rod Semi-finished product	/	1	
13	Round head allen screw M3 \times 15	000P2-083-W-00	1	
14	Side lever action pull rod rear screw	000P2-062-W-00	1	
15	Flat head philips screw	000P2-058-W-00	1	

(G) Safety assembly

Process Code: P1WG

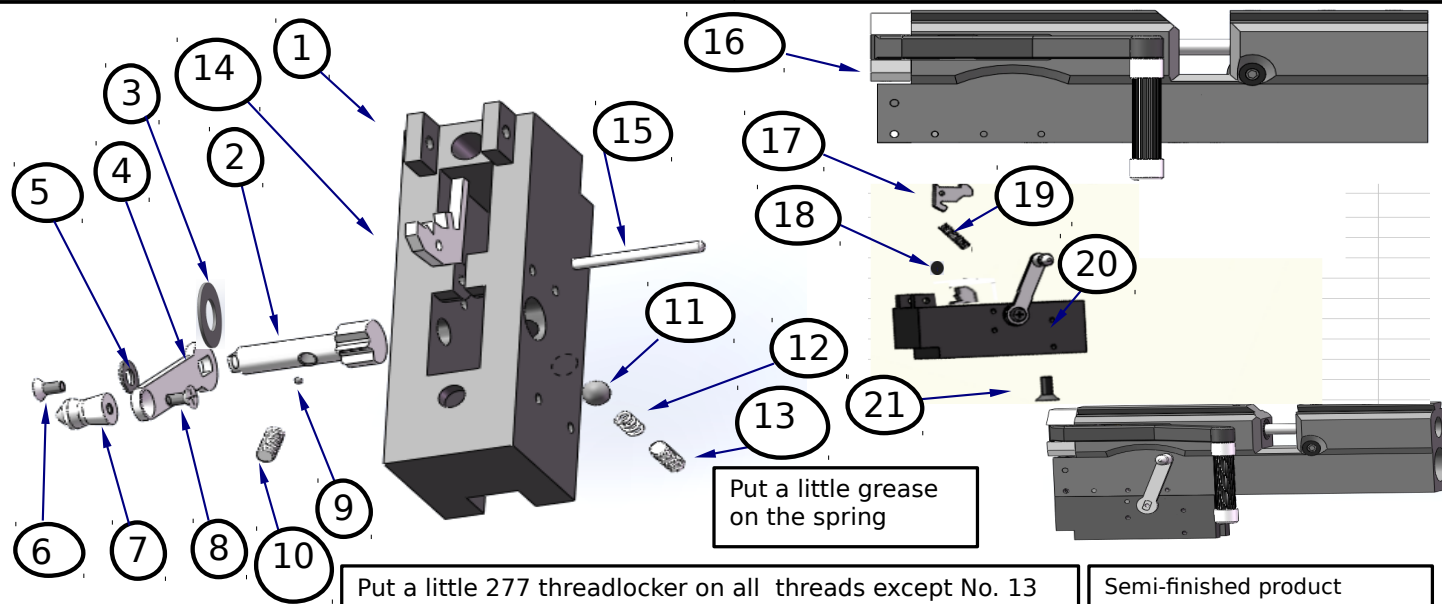
Date: July 2018

Video Code: V-P1WG

Version: 1.0

Product Code: HP-P1000W/HP-P900W

Product Name: P1W (Wood) .177/.22



No	Material Name	Material Code	Quantity	Remark
1	Cocking bracket 3	000P2-008-S-00	1	
2	Safety stem	000P2-073-W-00	1	
3	Safety washer	000P2-160-W-00	1	
4	Safety rod	000P2-069-W-00	1	
5	Flat washer $\phi 3 \times \phi 6.5 \times 0.5$	000P2-066-W-00	1	
6	Flat head philips screw type-Z M2X5	000P2-096-W-00	1	
7	Safety knob	000P2-068-W-00	1	
8	Flat head philips screw type-H M2x5	000P2-070-W-00	1	
9	Steel ball $\phi 1.2$	000P2-162-W-00	1	
10	Flat point allen screw M3X10	000P2-089-W-00	1	
11	Bearing steel ball	000P2-163-W-00	1	
12	Safety spring	000P2-071-W-00	1	
13	Flat point allen screw M5x5	000P2-155-W-00	1	
14	Trigger iron	000P2-080-W-00	1	
15	Aluminum valve body horizontal pin 1	000P2-091-W-00	1	
16	Aluminum valve body semi-finished product	/	1	
17	Sear	000P2-081-W-00	1	
18	Aluminum valve body horizontal pin 1	000P2-091-W-00	1	
19	Sear spring	000P2-159-W-00	1	
20	Safety semi-finished product	/	1	
21	Flat head allen screw M4x8	000P2-076-W-00	1	

(H) Trigger and air release valve assembly

Process Code: P1WH

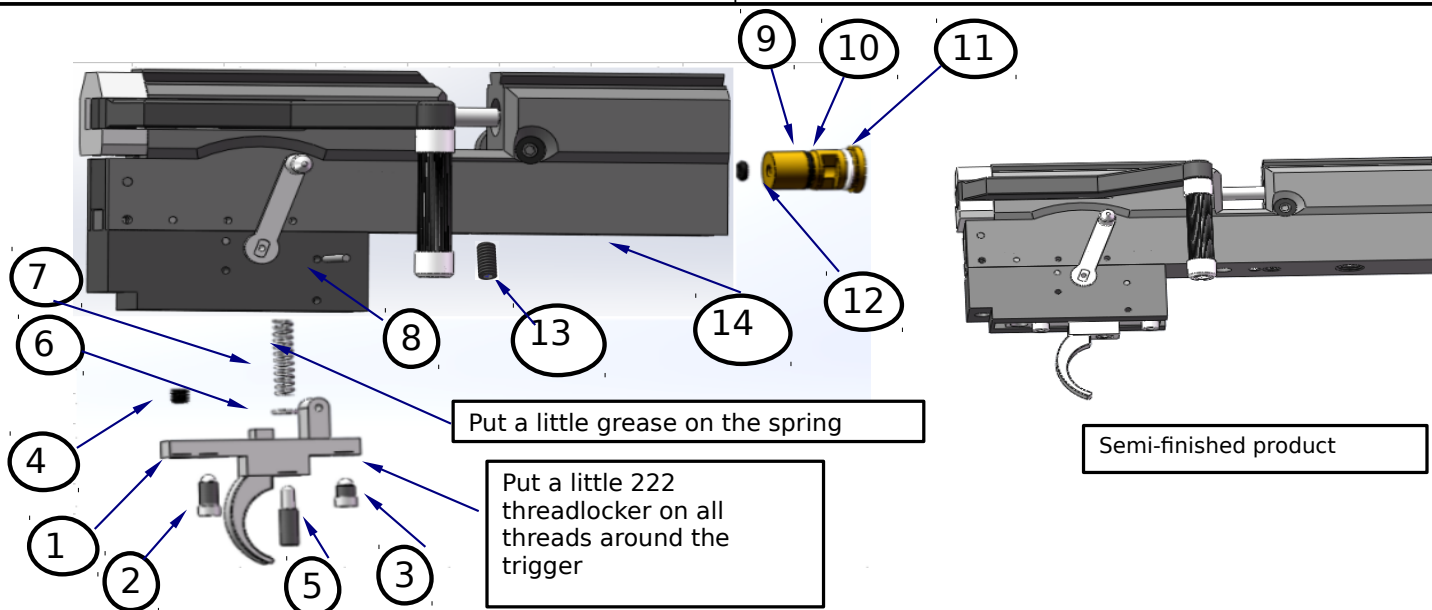
Date: July 2018

Video Code: V-P1WH

Version: 1.0

Product Code: HP-P1000W/HP-P900W

Product Name: P1W (Wood) .177/.22



No	Material Name	Material Code	Quantity	Remark
1	Trigger	000P2-074-W-00	1	
2	Trigger bracket adjustment screw 2	000P2-088-W-00	1	
3	Trigger bracket adjustment screw 1	000P2-092-W-00	1	
4	Flat point allen screw M5×4 (grade 10.9)	/	1	
5	Trigger pull adjustment screw	000P2-144-W-00	1	
6	Trigger pull adjustment flat washer	000P2-143-W-00	1	
7	Trigger spring	000P2-158-W-00	1	
8	Aluminum valve body horizontal pin 1	000P2-091-W-00	1	
9	Air release valve sleeve	000P2-125-W-00	1	
10	NBR o-ring $\phi 1.5 \times 11$ hardness 90°	000P2-008-X-00	1	
11	PU o-ring $\phi 1.5 \times 12$ hardness 90°	000P2-048-X-00	1	
12	NBR o-ring $\phi 1.5 \times 6$ hardness 90°	000P2-034-X-00	1	
13	Cone point allen screw M4×8	000P2-059-W-00	1	
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(I) Pressure relief valve front part assembly

Process Code: P1WI

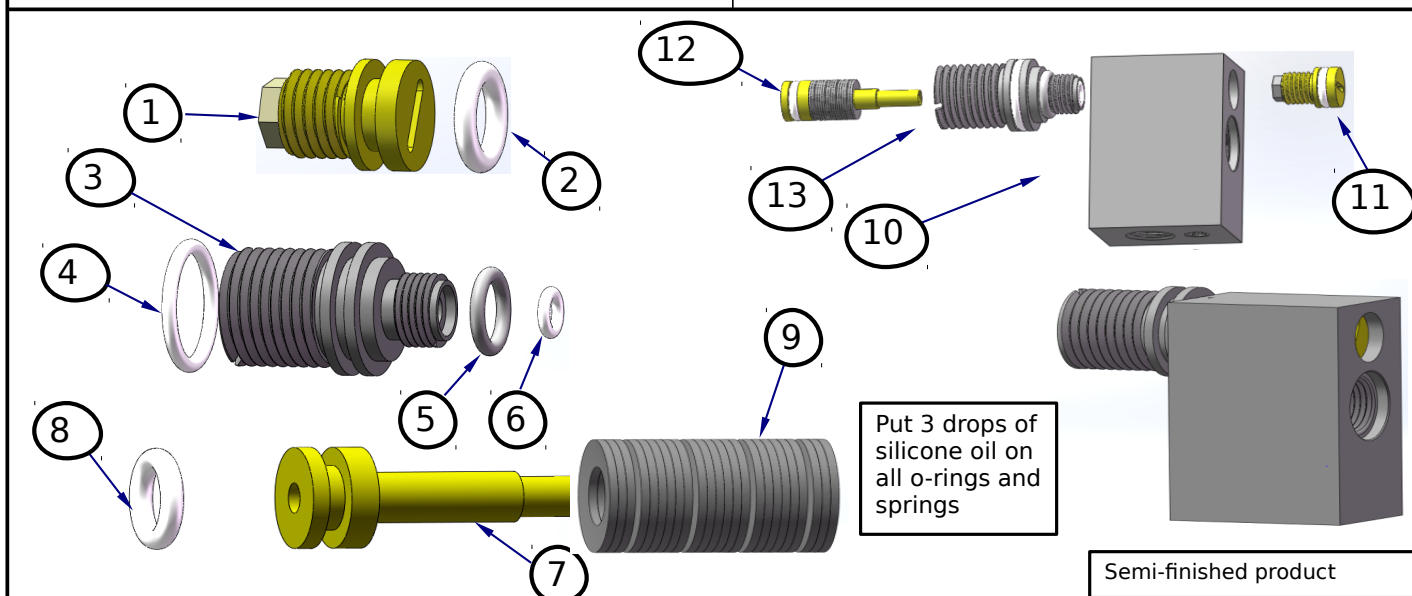
Date: July 2018

Video Code: V-P1WI

Version: 1.0

Product Code: HP-P1000W/HP-P900W

Product Name: P1W (Wood) .177/.22



No	Material Name	Material Code	Quantity	Remark
1	Pressure relief valve screw assembly	000P1-021-Z-00	1	
2	PU o-ring $\phi 2 \times \phi 10$ hardness 90°_x000D_	000P1-002-X-00	1	
3	Pressure relief valve connecting sleeve	000P1-011-W-00	1	
4	PU o-ring $\phi 2 \times \phi 18$ hardness 90°_x000D_	000P1-004-X-00	1	
5	NBR o-ring $\phi 2 \times 12$ hardness 90°	000P2-007-X-00	1	
6	PU o-ring $\phi 1.65 \times 7$ hardness 90°_x000D_	000P1-024-X-00	1	
7	Pressure relief valve stem	000P1-010-W-00	1	
8	PU o-ring $\phi 2 \times \phi 10$ hardness 90°_x000D_	000P1-002-X-00	1	
9	Pressure relief valve butterfly spring	000P2-103-W-00	24	
10	Pressure relief valve body	000P1-009-W-00	1	
11	Pressure relief valve screw assembly semi-finished product	000P2-144-W-00	1	
12	Pressure relief valve stem semi-finished product	000P2-066-W-00	1	
13	Pressure relief valve connecting sleeve semi-finished product	000P2-078-W-00	1	
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(J) Pressure relief valve rear part assembly

Process Code: P1WJ

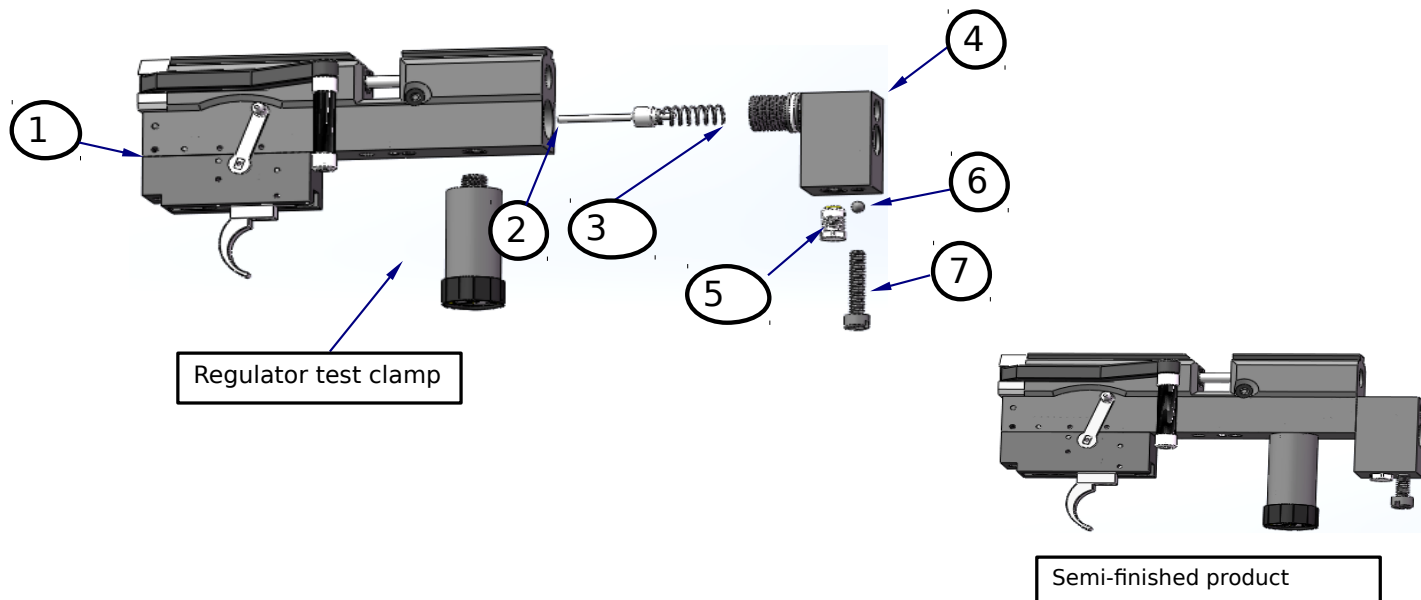
Date: July 2018

Video Code: V-P1WJ

Version: 1.0

Product Code: HP-P1000W/HP-P900W

Product Name: P1W (Wood) .177/.22



No	Material Name	Material Code	Quantity	Remark
1	Aluminum valve body semi-finished product	/	1	
2	Air release valve stem	/	1	
3	Air release valve spring	000P2-101-W-00	1	
4	Pressure relief valve body semi-finished product	/	1	
5	Safety valve 6K	000P1-022-Z-00	1	
6	Bearing steel ball $\phi 4$	000P2-063-W-00	1	
7	Pan head slotted screw M6×30 (wood stock)	000P1-041-W-00	1	
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(K) Inner barrel assembly

Process Code: P1WK

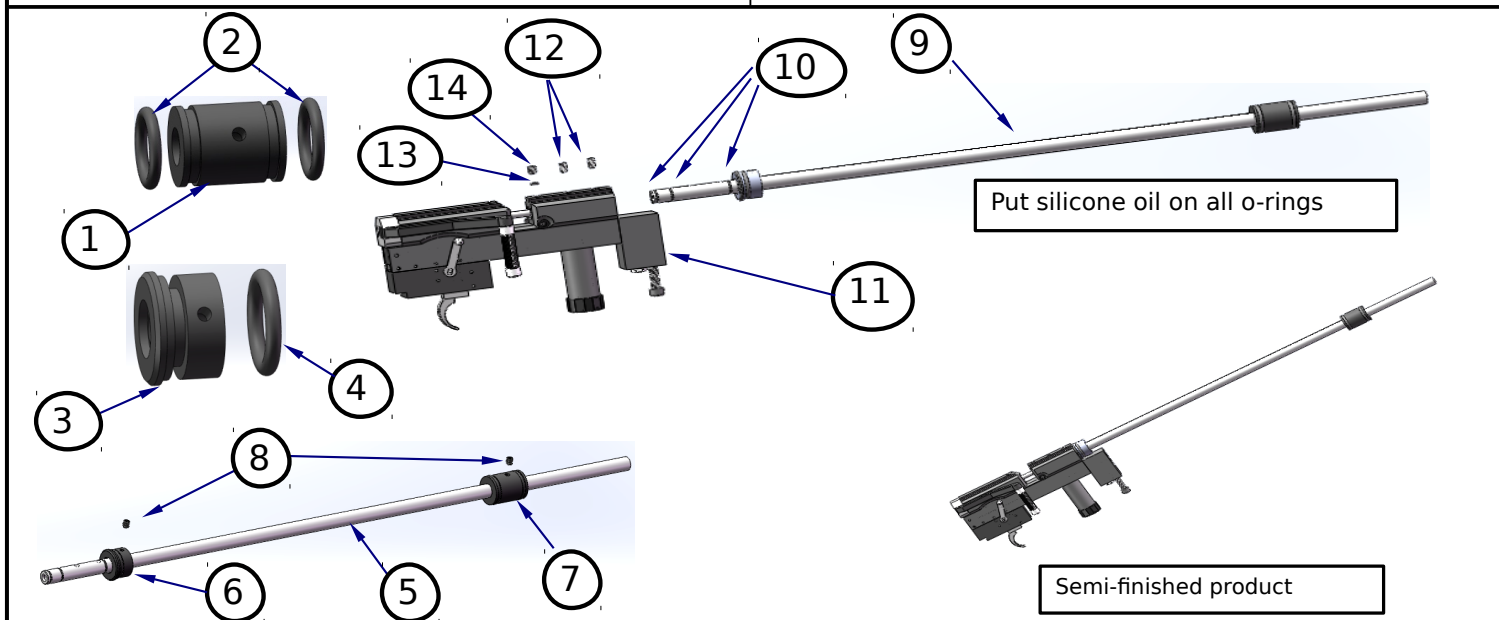
Date: July 2018

Video Code: V-P1WK

Version: 1.0

Product Code: HP-P1000W/HP-P900W

Product Name: P1W (Wood) .177/.22



No	Material Name	Material Code	Quantity	Remark
1	Shroud barrel front support sleeve	000P2-003-S-01	1	
2	NBR o-ring $\phi 3 \times 23$ hardness 70°	000P2-028-X-00	1	
3	Shroud barrel rear support sleeve	000P2-004-S-00	1	
4	NBR o-ring $\phi 3 \times 23$ hardness 70°	000P2-028-X-00	1	
5	Inner barrel (P1/P2)	000P2-040-W-00 (.177) / 000P1-031-W-00 (.22)	1	
6	Shroud barrel rear support sleeve semi-finished product	/	1	
7	Shroud barrel front support sleeve semi-finished product	/	1	
8	Cone point allen screw M4×6×120°(cone)	000P2-036-W-00	2	
9	Inner barrel semi-finished product	/	1	
10	NBR o-ring $\phi 1.5 \times 11$ hardness 90°	000P2-029-X-00	3	
11	Gun body semi-finished product	/	1	
12	Cone point allen screw M5×8×120°(cone)	000P2-038-W-00	1	
13	NBR o-ring $\phi 1.5 \times 5.5$ hardness 90°	000P2-030-X-00	1	
14	Cone point allen screw M6×6×120°(cone)	000P2-039-W-00	1	
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(L) Shroud barrel and regulator chamber assembly

Process Code: P1WL

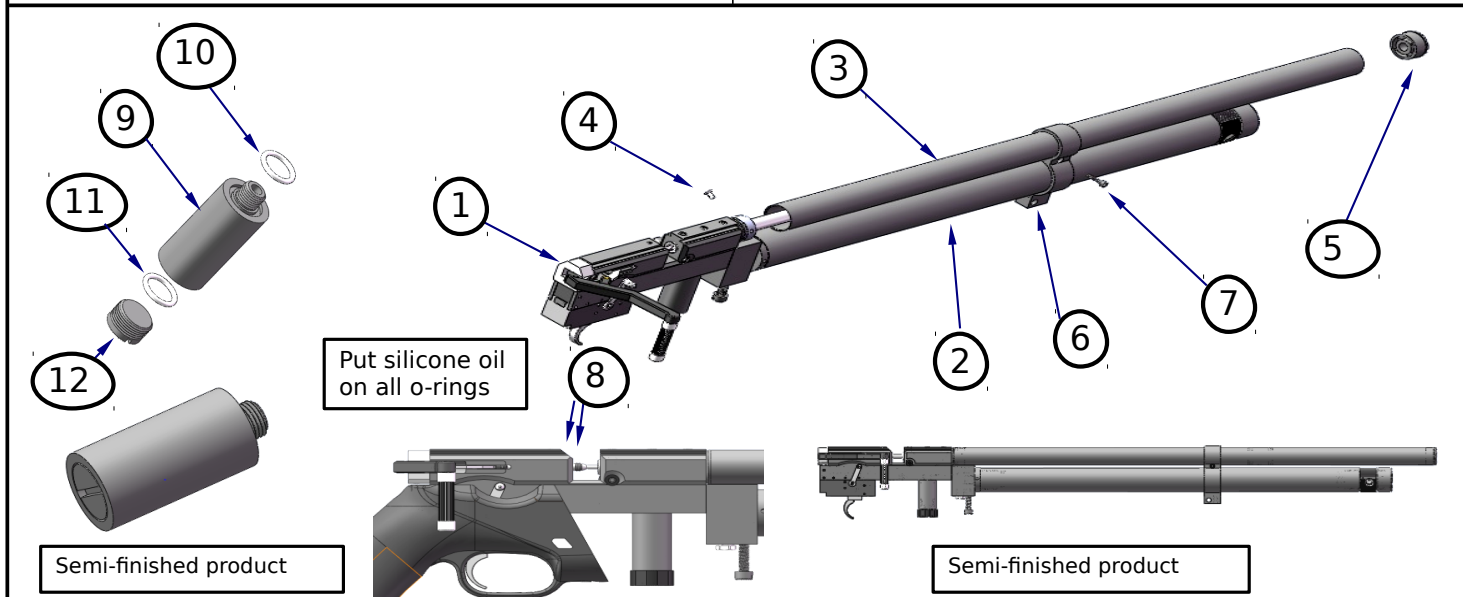
Date: July 2018

Video Code: V-P1WL

Version: 1.0

Product Code: HP-P1000W/HP-P900W

Product Name: P1W (Wood) .177/.22



No	Material Name	Material Code	Quantity	Remark
1	Gun body semi-finished product	/	1	
2	Air reservoir Semi-finished product	/	1	
3	Shroud barrel	000P2-035-W-00	1	
4	Flat head allen screw M3×5_x000D_	000P2-032-W-00	1	
5	Shroud barrel front plug	000P2-002-S-00	1	
6	Air reservoir front plug ring	000P1-017-W-00	1	
7	Round head allen screw M3×16_x000D_	000P1-057-W-00	1	
8	Pellet probe o-ring	0PCP1-001-X-00 (.177) / 0PCP1-004-X-00 (.22)	2	
9	Regulator chamber	000P1-033-W-00	1	
10	PU o-ring $\phi 16 \times \phi 2$ hardness 90°	000P1-023-X-00	1	
11	PU o-ring $\phi 16 \times \phi 2$ hardness 90°	000P1-023-X-00	1	
12	Regulator chamber plug	000P1-034-W-00	1	
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(M) Leakage and regulator test

Process Code: P1WM

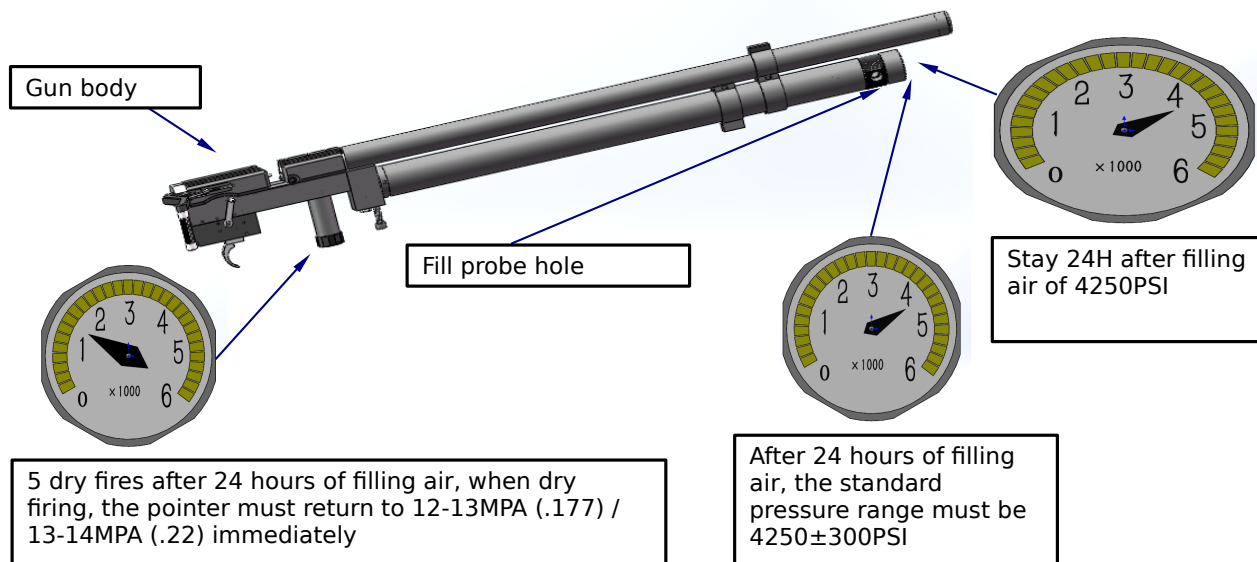
Date: July 2018

Video Code: V-P1WM

Version: 1.0

Product Code: HP-P1000W/HP-P900W

Product Name: P1W (Wood) .177/.22



No	Material Name	Material Code	Quantity	Remark
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(N) Stock assembly

Process Code: P1WN

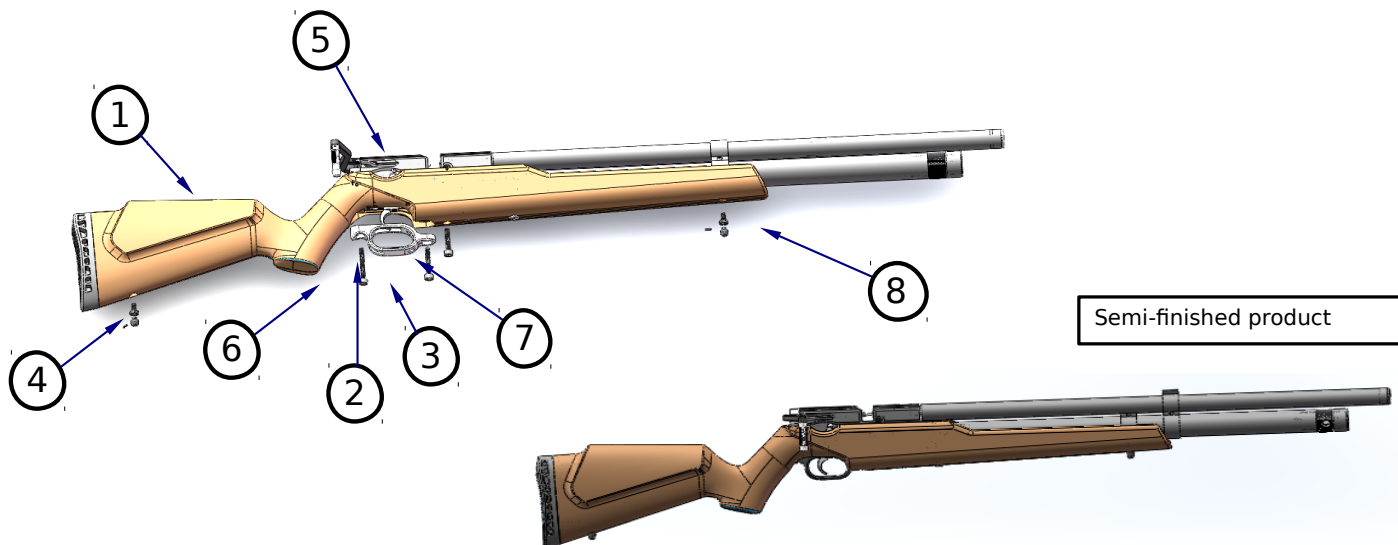
Date: July 2018

Video Code: V-P1WN

Version: 1.0

Product Code: HP-P1000W/HP-P900W

Product Name: P1W (Wood) .177/.22



No	Material Name	Material Code	Quantity	Remark
1	Wood stock P1	000P1-007-B-00	1	
2	Trigger guard	000P1-035-W-00	1	
3	Round head allen screw M5×40	000P1-040-W-00	1	
4	Front sling swivel	/	1	
5	Gun body semi-finished product	/	1	
6	Round head allen screw M5×32	000P2-115-W-00	1	
7	Round head allen screw M5×45	000P1-039-W-00	1	
8	Front sling swivel	/	1	
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(O) Spare parts and packaging

Process Code: P1WO

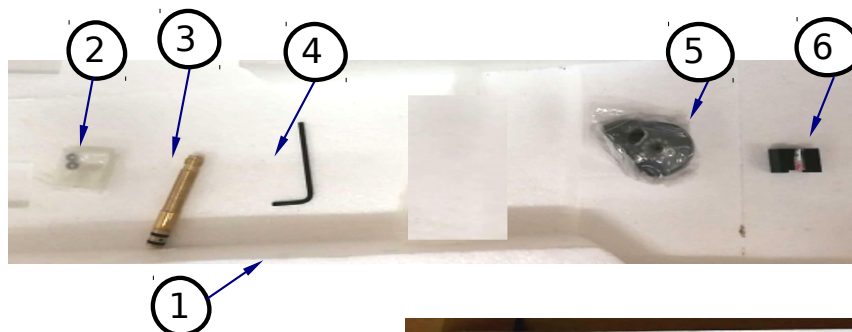
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Video Code: V-P1WO

Version: 1.0

Product Code: HP-P1000W/HP-P900W

Product Name: P1W (Wood) .177/.22



The position of magazine



The position of fill probe and allen wrench

The position of o-ring

The position of single shot tray

No	Material Name	Material Code	Quantity	Remark
1	Polyfoam bottom cover P2	000P1-004-B-00	1	
2	Pellet probe o-ring	OPCP1-001-X-00 (.177) / OPCP1-004-X-00 (.22)	2	
3	Fill probe P2	/	1	
4	Allen wrench 2.5mm	000P2-128-W-00	1	
5	Magazine	HPA1000-007-Z-00 (.177) / HPA1000-010-Z-00 (.22)	1	
6	Single shot tray	/	1	
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