



Operating Instructions
Original Instructions

Betriebsanleitung
Übersetzung der Ursprünglichen Anweisungen

Mode d'Emploi
Traduction des Instructions Originales

Instrucciones de Empleo
La Traducción de las Instrucciones Originales

Istruzione per l'Uso
Traduzione delle Istruzioni Originali

Инструкция по эксплуатации
Перевод оригинальной инструкции

Navodila za Uporabo
Prevod izvirnega navodila

Instrucțiuni de utilizare
Traducerea instrucțiunii originale

Kullanma Talimatları
Orijinal talimatların çevirisi

EN

DE

FR

ES

IT

RU

SK

RO

TR

Hogring tool

CRTC17
PSDC20
SHRC20
CRTC20
CRTC20-A
CRTC20-S
CRTC20-XL
SHRC23
CRTC23
CRTC23-M
CRTC23-XL
CRTC23-OL
PSDC24
PSDC24K



WARNING: Please read the instructions and warnings for this tool carefully before use.
Failure to do so could lead to serious injury.

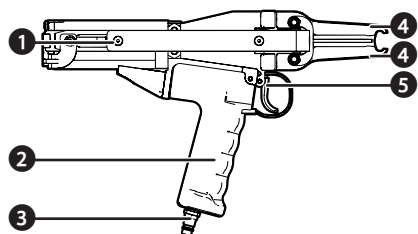


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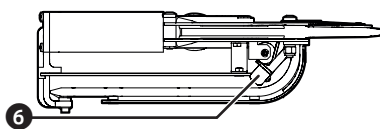
Kyocera Senco Europe
Pascallaan 88, 8218 NJ Lelystad, The Netherlands
+31 320 295 575
senco.eu

①

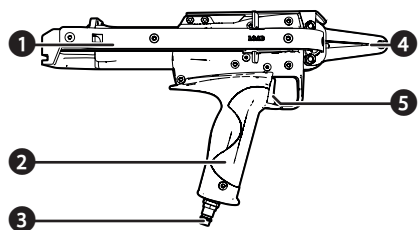
CRT



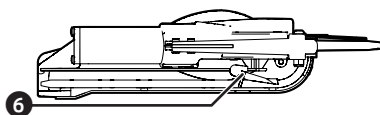
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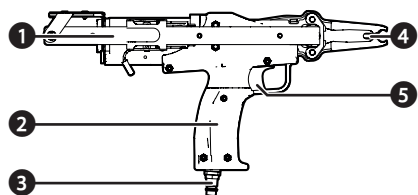
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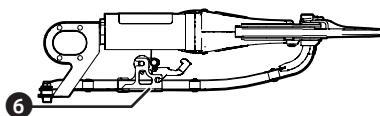
SHR



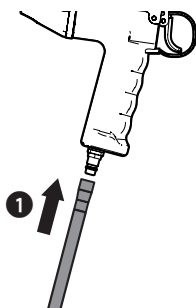
PSD



PSD

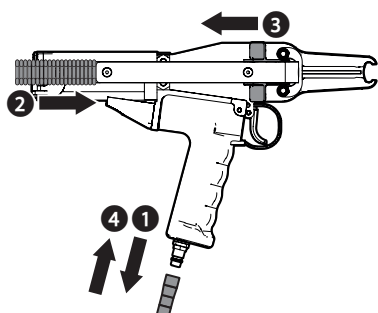


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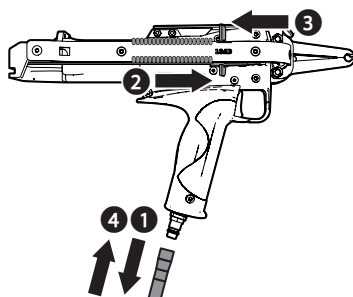


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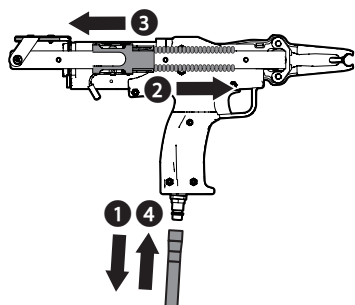
CRT



SHR

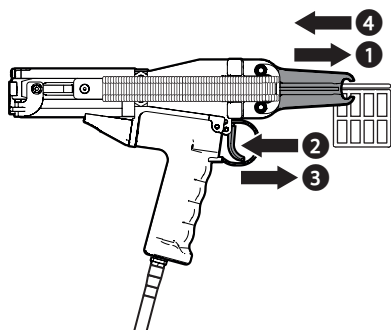


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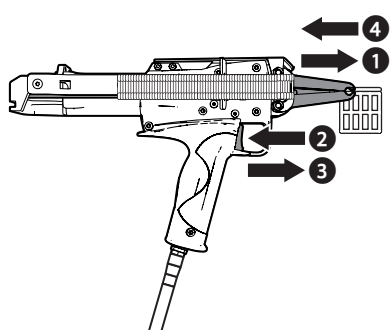


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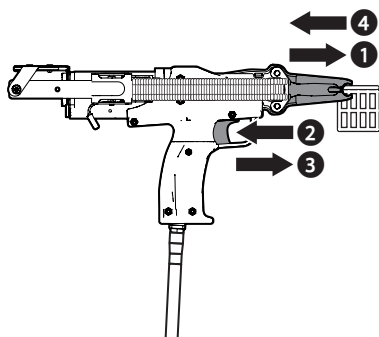
CRT



SHR



PSD



Operating Instructions

1. INTRODUCTION

1.1. Qualification of personnel

The tool may only be used by personnel that:

- is skilled and authorized
- have fully read and understood this manual
- is aware of all possible dangers and acts accordingly

1.2. Symbols used in this manual

 WARNING	Indicates a warning.
 Information	Indicates helpful information.

2. TOOL DESCRIPTION

The tool is a self-contained, fastening tool that uses air pressure to fasten round closing clip connections.

The tool can be used to connect wire pieces.

2.1. Intended & unintended use

The tool is intended as a fastening tool.

The tool is intended to be used with the fasteners specified in this manual.

The tool is intended for professional use.

The tool is not intended as a piercing tool.

2.2. Main parts

See image 1.

1. Magazine assembly
2. Handle
3. Pressure hose connection

4. Jaws
5. Trigger
6. Feeder shoe

2.2.1. Accessories specifications

SENCO offers a full line of accessories for your SENCO tools, including:

	CRT								
	13VS0010N	13VS0040N	13VS0041N	13VS0050N	13VS0051N	13VS0052N	13VS0053N	13VS0054N	13VS0055N
Hangerkit	WB0010	WB0010	WB0010	WB0010	WB0010	WB0010	-	-	WB0010
Toolsholster	WB0011	WB0011	WB0011	WB0011	WB0011	WB0011	-	-	WB0011
Anti-jamkit	-	WB0013	WB0013	-	-	-	-	WB0013	WB0013

	SHR		PSD		
	13VS0020N	13VS0030N	13VS0060N	13VS0070N	13VS0080N
Hangerkit	WB0012	WB0012	-	-	-
Toolsholster	WB0011	WB0011	-	-	-
Anti-jamkit	WB0013	-	-	-	-

2.3. Specifications

Tool type	CRTC17	CRTC23	CRTC23-M	CRTC20	CRTC20-A	CRTC20-S	CRTC20-XL	CRTC23-XL	CRTC23-OL
Tool name	13VS0010N	13VS0040N	13VS0041N	13VS0050N	13VS0051N	13VS0052N	13VS0053N	13VS0054N	13VS0055N
Type of tool	Pneumatic								
Weight	1.49 kg	1.35 kg	1.35 kg	1.35 kg	1.35 kg	1.35 kg	# kg	# kg	1.35 kg
Size (length)	244 mm	235 mm	235 mm	235 mm	235 mm	235 mm	235 mm	235 mm	235 mm
Size (height)	323 mm	327 mm	327 mm	327 mm	327 mm	327 mm	388 mm	388 mm	327 mm
Size (width)	93 mm	95 mm	95 mm	95 mm	95 mm	95 mm	73 mm	73 mm	95 mm
Magazine capacity	2 x 69	100	100	116	116	116	116	100	100
Actuation mode	Trigger actuation								
LpA (*)	91 dBA	91 dBA	91 dBA	91 dBA	91 dBA	91 dBA	91 dBA	91 dBA	91 dBA
LwA (**)	98 dBA	98 dBA	98 dBA	98 dBA	98 dBA	98 dBA	98 dBA	98 dBA	98 dBA
LpC (***)	116 dB	116 dB	116 dB	116 dB	116 dB	116 dB	116 dB	116 dB	116 dB
Vibration	< 2.5 m/s ²	< 2.5 m/s ²	< 2.5 m/s ²	< 2.5 m/s ²	< 2.5 m/s ²	< 2.5 m/s ²	< 2.5 m/s ²	< 2.5 m/s ²	< 2.5 m/s ²
Air consumption per cycle at 6 bar (87 PSI)	0.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7

Recommended operating pressure	5 - 6 bar (73 - 87 PSI)	6 - 7 bar (87 - 102 PSI)	6 - 7 bar (87 - 102 PSI)	6 - 7 bar (87 - 102 PSI)	6 - 7 bar (87 - 102 PSI)	6 - 7 bar (87 - 102 PSI)	6 - 7 bar (87 - 102 PSI)	6 - 7 bar (87 - 102 PSI)	6 - 7 bar (87 - 102 PSI)
Maximum operating pressure	7 bar (102 PSI)	8 bar (115 PSI)	8 bar (115 PSI)	8 bar (115 PSI)	8 bar (115 PSI)	8 bar (115 PSI)	8 bar (115 PSI)	8 bar (115 PSI)	8 bar (115 PSI)
Compressed air connection	R 3/8	R 3/8	R 3/8	R 3/8	R 3/8	R 3/8	R 3/8	R 3/8	R 3/8
Lubrication	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Ring diameter	~ 4.5 mm	~ 8.5 mm	~ 8.5 mm	~ 6.5 mm	~ 8.5 mm	~ 6.5 mm	~ 6.5 mm	~ 8.5 mm	~ 8.5 mm

Tool type	SHRC23	SHRC20	PSDC20	PSDC24	PSDC24-K
Tool name	13VS0020N	13VS0030N	13VS0060N	13VS0070N	13VS0080N
Type of tool	Pneumatic				
Weight	1.35 kg	1.35 kg	1.07 kg	1.07 kg	1.07 kg
Size (length)	210 mm	210 mm	206 mm	206 mm	235 mm
Size (height)	360 mm	360 mm	383 mm	385 mm	327 mm
Size (width)	95 mm	95 mm	103 mm	103 mm	95 mm
Magazine capacity	100	116	160	120	160
Actuation mode	Trigger actuation				
LpA (*)	84 dBA	84 dBA	92 dBA	92 dBA	90 dBA
LwA (**)	90 dBA	90 dBA	94 dBA	94 dBA	93 dBA
LpC (***)	110 dB	110 dB	109 dB	109 dB	109 dB
Vibration	< 2.5 m/s ²	< 2.5 m/s ²	< 2.5 m/s ²	< 2.5 m/s ²	< 2.5 m/s ²
Air consumption per cycle at 6 bar (87 PSI)	0.5	0.5	1	1	1
Recommended operating pressure	6 - 7 bar (87 - 102 PSI)	6 - 7 bar (87 - 102 PSI)	4 - 7 bar (58 - 102 PSI)	4 - 7 bar (58 - 102 PSI)	4 - 7 bar (58 - 102 PSI)
Maximum operating pressure	8 bar (115 PSI)	8 bar (115 PSI)	8.3 bar (120 PSI)	8.3 bar (120 PSI)	8.3 bar (120 PSI)
Compressed air connection	R 1/4	R 1/4	R 1/8	R 1/8	R 1/8
Lubrication	Yes	Yes	Yes	Yes	Yes
Ring diameter	~ 8.5 mm	~ 6.5 mm	~ 7.5 mm	~ 9.0 mm	~ 9.0 mm

(*) LpA = Emission sound pressure level

(**) LwA = A-weighted sound power level

(***) LpC = Peak C-weighted instantaneous sound pressure level re. 20 µPa

2.3.1. Noise information

Noise values are tool-related characteristic values and do not accurately represent noise developed at the point of use. Workplace design can also serve to reduce noise levels, for example placing work-piece on sound-damping supports.

2.3.2. Vibration information

Vibration values are a tool-related characteristic values and do not accurately represent the influence to the hand-arm system when using the tool.

2.3.3. Senco fastener specifications

Tool type	Tool name	Fastener item number	Description	Material	Crown	Staple shape	Points
CRTC17	13VS0010N	YF10FAA	Senco hog ring C17 DP EZ	Steel, galvanized	17 mm	Straight	Divergent
		YF10FAA	Senco hog ring C17 BP EZ	Steel, galvanized	17 mm	Straight	Blunt
PSDC20	13VS0060N	YK11FAAN	Senco hog ring C20 DP EZ	Steel, galvanized	20 mm	Twisted	Divergent
		YM11FAAN	Senco hog ring C20 DP EZ 1.8	Steel, galvanized	20 mm	Twisted	Divergent
		YK11FCAN	Senco hog ring C20 DP Copper	Steel, coppered	20 mm	Twisted	Divergent
		YK11FCA/F	Senco hog ring C20 DP Copper	Steel, coppered	20 mm	Twisted	Divergent
		YK11FCABW	Senco hog ring C20 DP Copper	Steel, coppered	20 mm	Twisted	Divergent

CRTC20 CRTC20-A CRTC20-S CRTC20-XL SHRC20	13VS0050N	YK12FAA	Senco hog ring C20 DP EZ	Steel, galvanized	20 mm	Straight	Divergent
	13VS0051N	YL12FUAAS	Senco hog ring C20 DP ASYM.AISI 316	Stainless steel A4	20 mm	Straight	Divergent
	13VS0052N	YL12FUA	Senco hog ring C20 DP AISI 316	Stainless steel A4	20 mm	Straight	Divergent
CRTC23 CRTC23-M CRTC23-XL CRTC23-OL SHRC23	13VS0040N	YM14AAA	Senco hog ring C23 DP EZ	Steel, galvanized	23 mm	Straight	Blunt
	13VS0041N	YM14AAAAAD	Senco hog ring C23 DP EZ	Steel, galvanized	23 mm	Straight	Blunt
	13VS0054N	YM14FAA	Senco hog ring C23 DP EZ	Steel, galvanized	23 mm	Straight	Divergent
	13VS0055N	YM14FAAAD	Senco hog ring C23 DP EZ	Steel, galvanized	23 mm	Straight	Divergent
	13VS0020N	YM14FAABM	Senco hog ring C23 DP EZ BLUE	Steel, galvanized	23 mm	Straight	Divergent
		YM14FAASM	Senco hog ring C23 DP EZ	Steel, galvanized	23 mm	Straight	Divergent
		YM14FAAUS	Senco hog ring C23 DP EZ	Steel, galvanized	23 mm	Straight	Divergent
		YM14FGA	Senco hog ring C23 DP AISI 304	Stainless steel A2	23 mm	Straight	Divergent
PSDC24	13VS0070N	YM13FNM BW	Senco hog ring C24 DP EZ	Steel, galvanized	24 mm	Straight	Divergent
		YM13FAAN	Senco hog ring C24 DP EZ	Steel, galvanized	24 mm	Straight	Divergent
		YM13FAA/F	Senco hog ring C24 DP EZ	Steel, galvanized	24 mm	Straight	Divergent
PSDC24-K	13VS0080N	YK13FAA/F	Senco hog ring C24 DP EZ 1.5	Steel, galvanized	24 mm	Straight	Divergent

3. SAFETY

3.1. Safety symbols & markings on the tool

Symbol	Explanation
	The tool is CE certified.
	The tool is UKCA certified.

3.2. Personal protection

Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

3.3. Safety instructions

⚠ WARNING Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Safe all warnings and instructions for future reference

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool or battery-operated (cordless) power tool.

3.3.1. General safety

- **Never use the power tool in an explosive atmosphere or in the presence of combustible materials such as flammable liquids, gases or dust.** Exhaust or sparks from the power tool may ignite atmospheric gases, dust or other combustible materials. **Do not smoke while using or handling the power tool or fuel cell.**

- **Always keep power tools out of the reach of minors and other untrained persons.** Power tools are dangerous in the hands of untrained users.

3.3.2. Work area safety

- **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.
- **Slipping or tripping hazard.** Be careful when the tool causes slippery surfaces. Loss of balance and falls are leading causes of injury in the workplace.

3.3.3. Personal safety

- **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- **Prevent unintentional starting. Ensure the air plug is disconnected from the air supply before picking up or carrying the power tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- **Remove any adjusting key or wrench before connecting the air plug with the air supply.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.

- **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

3.3.4. Power tool use and care

- **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

3.3.5. Service

- **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

3.3.6. Tool safety

- **Always assume that the power tool contains fasteners.** Careless handling of the tacker can result in unexpected firing of fasteners and personal injury.
- **Do not point the power tool towards yourself or anyone nearby.** Unexpected triggering will discharge the fastener causing an injury.

3.3.6.1. Before use

- **Never use the tool if the safety, trigger or springs have become inoperable, missing or damaged.** Do not tamper with or remove safety element, trigger, or springs.
- **Make sure all screws and caps are securely tightened at all times.** Make daily inspections for free movement of trigger and safety. Never use the tool if parts are missing or damaged.
- **Use only parts, fasteners, and accessories recommended or sold by SENCO.** Do not modify tool without authorization from SENCO.
- **Do not use the power tool without warning label on power tool.** If a label is missing, damaged or unreadable, contact your SENCO representative to obtain a new label at no cost.
- **Explosion hazard.**
 - **Only use compressed air as an energy source.** Other gases or liquids are prohibited.
 - **Only use clean, dry, and lubricated compressed air, adjusted to the recommended pressure.**

- **Make sure the maximum air pressure of the compressed air source is not more than 10% above the authorized pressure.**
- **Make sure the air pressure supply hoses can resist at least 150% of the maximum air pressure of the compressed air source.**

3.3.6.2. During use

- **Do not actuate the tool unless the tool is placed firmly against the workpiece.** If the tool is not in contact with the workpiece, the fastener may be deflected away from your target.
- **Do not use this tool for fastening electrical cables.** It is not designed for electric cable installation and may damage the insulation of electric cables thereby causing electric shock or fire hazards.
- **Drive fasteners into appropriate work surfaces only; never into materials too hard to penetrate; materials too soft may allow a fastener to drive through and exit the material.** Do not actuate the tool unless the tool is placed firmly against the workpiece.
- **Do not drive fasteners close to the edge of the work surface.** The workpiece is likely to split and the fastener could fly free or ricochet and hit someone.
- **Do not drive fasteners on top of other fasteners or with the tool at too steep of an angle.** The fastener could fly free or ricochet and hit someone.
- **Never use any part of the tool (i.e., the cap or main body) as a hammer.** The tool may activate or become damaged and result in an unsafe condition.
- **Keep hands and other body parts away from the safety area of tool to avoid possible injury during operation.**
- **Keep hands and other body parts away from the pneumatic lines to avoid possible injury during operation.** The decompression of air or gases can cause a thermal hazard.
- **Risk of product damage.** Obstructing the jaws can damage the tool. **Make sure the movement of the jaws is not prevented by an external influence.**
- **Injury hazard.**
 - **Never pull the trigger when loading fasteners.**
 - **Never use your hands to catch a falling ring when testing the tool.** Use a suitable container.

3.3.6.3. After use

- **Do not perform any emergency repairs without proper tools and equipment.** The written approval of the tool manufacturer must be obtained prior to making any modifications to the tool.
- **Use clamps or other practical ways to secure and support the workpiece to a stable platform.** Holding the work by hand or against your body is unstable and may lead to loss of control and personal injury.
- **Use only non-flammable cleaning solutions. Do not soak.** Such solutions may damage O-rings and other tool parts.

4. USE

Read chapter "Safety" before using the tool.

4.1. Connecting the pressure hose connection to the compressed air system for the first time

-  Make sure that the maximum operating pressure does not exceed 8.3 bar.
 -  When the compressed air supply is connected or reconnected after a loss of pressure, the control system is set in the starting system. A complete sequence of movements can take place, the jaws close and open.
 -  Remove all the fasteners from the magazine.
 -  Check if the compressor is sufficiently powerful.
 -  A pressure drop of more than 0.5 bar per work stroke causes a reduction in power and potential malfunction of the tool.
 -  Make sure the hose is not longer than 4 meters.
- See image 2.
1. Connect the compressed air supply to the pressure hose connection.
 2. Set the operating pressure to approximately 6 bar.
 3. Squeeze the trigger to check the operation of the tool.

4.2. Loading the magazine

See image 3.

1. Disconnect the compressed air supply from the pressure hose connection.
2. Place a strip of fasteners on the slider.

3. Pull the fastener-pusher backwards and place the fastener-pusher against the strip of fasteners.
-  Never allow the feeder shoe to snap freely against the fasteners.
4. Connect the compressed air supply to the pressure hose connection.

4.3. Using the tool

See image 4.

1. Check if a fastener is in place inside the jaws. If not, squeeze the trigger once. A fastener is now in place inside the jaws.
2. Press the jaws against the work surface.
3. Squeeze the trigger. The jaws close and a ring is formed.
4. Release the trigger.
5. Remove the tool from the work surface.

4.4. Removing jammed fasteners

-  Before attempting to remove a jammed fastener, disconnect the tool from the air supply.
- 1. Pull the feeder shoe up.
- 2. Guide the feeder shoe back down past all the fasteners.
- 3. Squeeze and hold the trigger.
- 4. Pull the fasteners back.
- 5. Remove the fasteners from the magazine.
- 6. Release the trigger.
-  The driver moves down to a lower position.
- 7. Squeeze the trigger several times to remove a jammed fastener.
-  If jammed fastener cannot be removed, send the tool to a service centre near you.

5. MAINTENANCE

Read chapter "Safety instructions" before maintaining the tool.

-  The fastener driving tool should be serviced properly and at regular intervals in accordance with the manufacturer's instructions.

5.1. Daily maintenance

1. Remove all dust, glue and fastener fragments inside the jaws and the fastener loader with compressed air.

5.2. Weekly maintenance

1. Visually check the tool for leaks and damage.

2. Audibly check the tool for leaks and damage.
3. Make sure that all parts are present and all screws are tight.

5.3. Monthly maintenance or after 50.000 cycles (whichever comes first)

1. Lubricate all mechanical parts.

5.4. Maintenance after 50.000 cycles

1. Oil the valve and the piston.

6. TROUBLESHOOTING

Problem	Cause	Solution
No fasteners are at the end of the jaws.	The loader has run out of fasteners.	Reload fasteners.
	The air supply is not properly connected.	Reconnect the air supply.
	The service pressure is not correct.	Adjust the service pressure.
The last fastener is not used.	The fastener-pusher is not aligned with the fastener-loader.	Align the fastener-pusher and fastener-loader.
The fastener does not close properly.	The mounting screws of the jaws are not tightened correctly.	Tighten the mounting screws of the jaws.

7. WARRANTY

Considering the following constraints SENCOR underwrites the reliability and the quality of its supplied authorised SENCOR branded products.

- SENCOR warrants to the end user that the following products will be free from defects in construction, assembly and material for the warranty period specified below.

Product	Warranty period
SENCOR * XP Series-Red Cap, pneumatic tools	Five years
SENCOR Pro Series, pneumatic tools	One year
SENCOR Semi-Pro Series, pneumatic tools	One year
SENCOR Black Label Series, pneumatic tools	One year
SENCOR DuraSpin * Series, electric and battery tools	One year
SENCOR DuraSpin * Series 2020, electric and battery tools Sencor Cordless battery tools	Five years
Sencor Cordless battery tool	Two years
SENCOR batteries and chargers for tools	One year
SENCOR gas tools	Two years
SENCOR reconditioned products	One year
SENCOR compressors	One year
SENCOR rebar tying tools	One year
SENCOR smart solutions	One year
SENCOR hogging tools	One year
SENCOR other tools	One year

- The warranty period starts on the day the end user purchases the product and/or 1 year after the tool has been deleted from the product line, whichever date comes first.
- To claim warranty the end user needs to send the defective products or their parts, including the serial number and the original and dated sales receipt or proof of purchase from the original retailer or dealer, freight prepaid to the original retailer or dealer.
- SENCOR is not obliged to do any repairs or replacements on any products or their parts on site.
- During the warranty period SENCOR or its distributors will repair or replace defective products or their parts, exclusively or mainly as a result of an imperfection in construction, assembly or material, at SENCOR's option and expense, subject to the constraints of this warranty policy.
- The repair or replacement of products or their parts under warranty, does in no case lead to prolongation of the warranty period. For every replacement product or part, the remaining original warranty period of the replaced product or part is applicable.
- SENCOR will become the owner of the products or parts that have been replaced by SENCOR or its distributors as a result of being compliant to SENCOR's warranty, without being obligated any compensation in this

matter.

- Excluded from the warranty are:
 - normal wear and tear parts, for example rubber o-rings, seals, driver blades, piston stops, piston/driver assemblies, isolators, drive belts, air filters and fuel systems, bits;
 - any imperfection that is a result of or has evolved from the fact that there has not been used clean, dry regulated compressed air and/or the air pressure applied has exceeded the maximum indicated on the tool casting (pneumatic tools);
 - any imperfection that is a result of or has evolved from normal wear, misapplication, abuse/misuse, improper modifications or storage, shipping/transport, accidents, neglect, operation at other than recommended speeds or voltage (electric units only);
 - any imperfection that is a result of or has evolved from explosions, fires and natural disasters, like hurricanes, floods and earthquakes;
 - any imperfection that is a result of or has evolved from not following operating instructions, specifications and / or maintenance schedules. Read the Operator Manual for use, specifications and maintenance instructions;
 - any imperfection that is caused by repairs, modifications to the product or attempts to do so by the end user or any third party;
 - labour charges or loss or damage resulting from improper operation, maintenance or repairs are not covered by this warranty
 - any warranty claims that have been received after the warranty period, as specified in this end user warranty, has expired.
- Additional costs like shipping/transport, special packaging requirements and costs of travel and accommodation, are at the end users expense.
- If a complaint is unfounded, all costs incurred thereby, including handling, inspection, shipping and administrative costs on the side of SENCOR or its distributors, will be charged to the end user.
- After expiration of the warranty period, all costs for repair or replacement, including handling, inspection, shipping and administrative costs will be charged to the end user.
- Notwithstanding legal limitation periods, the limitation of all claims and appeals against SENCOR and third parties involved by SENCOR for the implementation of the agreement is one year.
- If SENCOR fails to meet this agreement, it will not discharge the end user from the obligations arising under this or any other contract.
- When the warranty terms cannot be met, due to for example import or export prohibitions, strikes or other unforeseen circumstances, the warranty period will be extended accordingly.
- SENCOR's liability is limited to the warranty. SENCOR is not liable for damage caused by the functioning or non-functioning of the products as delivered, repaired or modified by SENCOR or its distributors, including but not limited to, production losses, profit losses, reduced working range, commercial losses or consequential damages or indirect damages whatsoever.

8. DISPOSAL

- This tool should not be thrown away with other household waste throughout the EU. To prevent possible harm to the environment or human health by uncontrolled waste disposal, you are responsible for recycling it so that it can promote the sustainable reuse of raw materials. To return your used tool, you can use the regular return and

collection systems or contact the store where the tool was purchased. They can recycle this tool for the environment.

9. DECLARATION OF CONFORMITY

We

KYOCERA SENCO Netherlands B.V.
Pascallaan 88
8218 NJ Lelystad, The Netherlands

declare under our sole responsibility that:

CRT (13VS0010N, 13VS0040N, 13VS0041N, 13VS0050N, 13VS0051N, 13VS0052N, 13VS0053N, 13VS0054N, 13VS0055N), SHR (13VS0020N, 13VS0030N), PSD (13VS0020N, 13VS0070N, 13VS0080N)

in accordance with the following directive(s):

2006/42/EC

is in conformity with the applicable essential health and safety requirements of the following documents:

EN ISO 12100:2010

EN 792-13+A1:2008

Signed by: Tim Lansing

Position: Technical

Place of DOC: KYOCERA SENCO Netherlands B.V., Pascallaan 88, 8218 NJ Lelystad, The Netherlands

On date: 14/02/2022