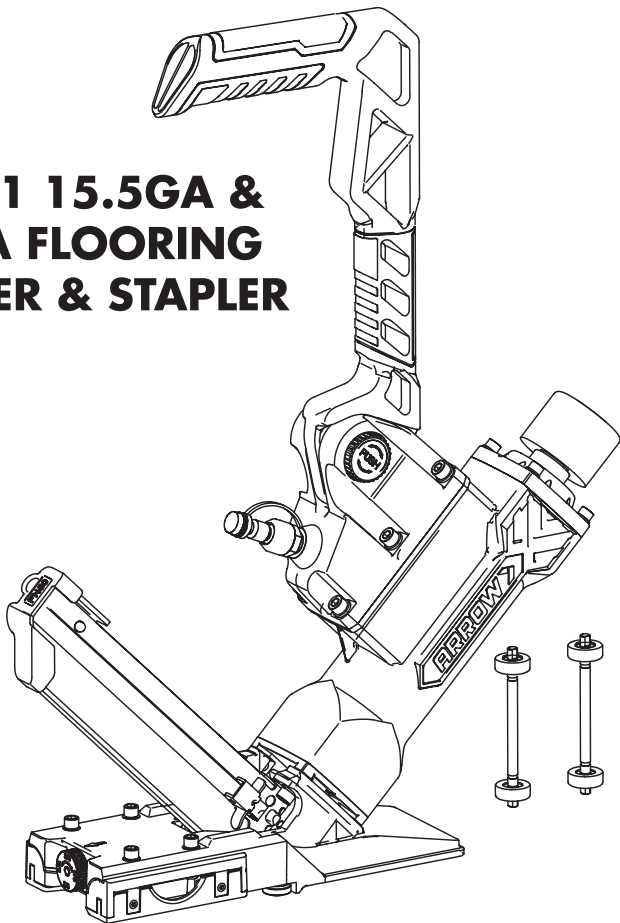


ARROW™

HOW IT ALL COMES TOGETHER

3-IN-1 15.5GA & 16GA FLOORING NAILER & STAPLER



Caution: Please read the manual carefully. Misuse of this product could cause property or equipment damage and/ or personal injury.

Arrow Fastener Company, LLC
271 Mayhill Street
Saddle Brook, New Jersey 07663 USA

Made in China
Fabriqué en Chine
Hecho en China

FN50 Rev 11/22



English

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To avoid injury and misuse, please read the instruction manual before operation.

Pour éviter tout risque de blessures et une mauvaise utilisation, prière de lire le manuel d'utilisation avant l'utilisation.

A fin de evitar lesiones y mal uso, lea el manual de instrucciones antes de usar la herramienta.



Comply with all safety messages marked with this symbol to avoid possible injury or death. Respecter tous les messages de sécurité suivant ce symbole pour éviter tout risque de blessures ou de décès.

Observe todos los mensajes de seguridad que aparecen junto a este símbolo para evitar posibles lesiones o la muerte.



To avoid loss of hearing, always wear ear protection when operating the tool.

Pour éviter tout risque de perte auditive, toujours porter des protecteurs d'oreilles en utilisant l'outil.

A fin de evitar pérdida de la audición, siempre use protección para los oídos cuando utilice esta herramienta.



To avoid eye injury always wear safety glasses when operating the tool.

Pour éviter des blessures aux yeux toujours porter des lunettes de sécurité en utilisant l'outil.

Para evitar lesiones en los ojos siempre use anteojos de seguridad cuando utilice esta herramienta.



3 YEAR LIMITED WARRANTY

Arrow Fastener Company warrants to the original consumer purchaser ("you") that this product will be free from original defects in materials and workmanship for 3 years after you purchase it. If the product does not comply with this warranty, Arrow will, at its option, repair or replace the product with an equivalent product at no charge to you. This warranty is not transferable. For best performance, use genuine Arrow nails. Arrow nails are made to exact tolerances to ensure trouble-free performance. This warranty does not cover defect or damage to the extent caused by the use of non Arrow branded nails. This warranty also does not cover damage relating to normal wear and tear, misuse, abuse, neglect, accident, natural disaster, or alteration of the product without Arrow's consent.

TO THE EXTENT PERMITTED BY LAW, ANY IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE SAME DURATION AS THIS EXPRESS WARRANTY. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

NO OTHER EXPRESS WARRANTY HAS BEEN MADE OR WILL BE MADE BY ARROW WITH RESPECT TO THIS PRODUCT. ARROW SHALL NOT BE RESPONSIBLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES WHETHER ARISING OUT OF BREACH OF WARRANTY, BREACH OF CONTRACT, TORT, OR OTHERWISE.

Some states do not allow the exclusion of incidental or consequential damages so the above exclusion and limitation may not apply to you. This warranty gives you specific legal rights, and you also may have other rights which vary from state to state. This guarantee does not affect your statutory rights. In Canada, the above provisions are not intended to operate where prohibited by law and do not preclude the operation of any applicable provincial consumer protection statute which may in certain circumstances extend the express warranty herein. To obtain the benefits of this warranty, you must send contact.

Please contact Arrow Fastener by calling
1-800-776-2228 or by writing:
Arrow Fastener Company, LLC
271 Mayhill Street
Saddle Brook, NJ 07663
Attn: Product Warranty Department.

TECHNICAL DATA

Capacity.....	100pcs
15.5Ga Flooring staples length	1-1/2"-2"(38-50)mm
16Ga L-Cleats length	1-1/2"-2"(38-50)mm
16Ga T-Cleats length	1-1/2"-2"(38-50)mm
Operation pressure.....	70-100PSI(5-7bar)
Air inlet.....	1/4"N.P.T.
Dimension.....	18.23"x3.86"x12.24"(463x98x311 mm)
Tool weight.....	9.52 lbs(4.32kgs)
Hammer.....	2.91 lbs(1.32kgs)

GENERAL SAFETY RULES

- 1. KEEP CHILDREN, VISITORS AND BYSTANDERS AWAY FROM TOOL.** Distractions can cause misuse and possible loss of control. When tool is not operational, it should be locked in a safe place out of the reach of children.
- 2. USE SAFETY GLASSES AND EAR PROTECTION:** Air tool operators and others in work area should always wear safety glasses and ear protection to prevent injury from flying debris as well as possible hearing damage.
- 3. NEVER USE OXYGEN, COMBUSTIBLE OR ANY OTHER BOTTLED GAS** as a power source or it can cause an explosion and serious personal injury. (See fig 2.)
- 4. DO NOT CONNECT TOOL TO COMPRESSED AIR THAT EXCEEDS 120PSI.**
- 5. MAKE SURE HOSE IS FREE OF ANY OBSTRUCTIONS OR SNAGS.** Entangled hoses can cause loss of balance or footing.
- 6. KEEP THE TOOL POINTED AWAY FROM YOURSELF** and others at all times and keep hands, any body parts away from rear area to safety guard against possible injury.
- 7. DISCONNECT TOOL FROM AIR SUPPLY BEFORE LOADING FASTENERS** to prevent accidental firing during connection.
- 8. DISCONNECT TOOL FROM AIR SUPPLY HOSE** and close the compressor before performing maintenance and during non-operation.
- 9. DO NOT OVERREACH DURING USAGE.** Maintain proper footing at all times to avoid loss of balance and possible injury.
- 10. DO NOT DRIVE FASTENERS CLOSE TO THE EDGE OF THE MATERIAL.** This can cause the workpiece to potentially split resulting in fasteners ricocheting causing injury to you or your coworkers.
- 11. DO NOT DRIVE FASTENER ON TOP OF NAILED FASTENERS,** or the fasteners can ricochet causing personal injury.
- 12. NEVER USE A TOOL THAT IS LEAKING AIR, HAS MISSING OR DAMAGED PARTS OR REQUIRES REPAIR.** and make sure all the screws are securely tightened.
- 13. ALWAYS OPERATE TOOL IN CLEAN WELL LIT AREAS.** Be sure the work area is clear of any debris.
- 14. ONLY USE PARTS AND ACCESSORIES** recommend by manufacturer.
- 15. BE AWARE OF MATERIAL THICKNESS DURING USE.** A protruding nail can cause injury.
- 16. DO NOT DRIVE NAILS BLINDLY INTO SURFACES.** Be aware of possible electrical wires, plumbing or other types of obstructions that can cause injury or damage.



Fig 2.



WARNING!

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- lead from lead-based paints,
- crystalline silica from bricks and cement and other masonry products, and
- arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

Use of this tool can generate and/or disburse dust, which may cause serious and permanent respiratory or other injury. Always use NIOSH/OSHA approved respiratory protection appropriate for the dust exposure. Direct particles away from face and body. Always operate tool in well-ventilated area and provide for proper dust removal. Use dust collection system wherever possible.

OPERATING INSTRUCTIONS

DESCRIPTION

Arrow's FN50 3-In-1 15.5Ga & 16Ga Flooring Nailer & Stapler drives 15.5Ga Flooring Stapler & 16Ga L-cleats & 16Ga T-Cleats from 1-1/2" to 2" (38mm to 50mm) in length. The tool features a comfortable rubber handle for improved control and comfort even during extended use and a contact safety to prevent accidental firing and a quick release nosepiece for fast clearing of jams. The tool is ideal for flooring.

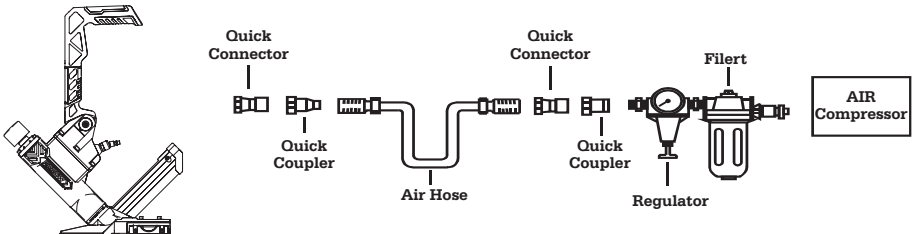
AIR SUPPLY

1. Use clean, Dry and Regulated compressed air at 70-100PSI(5-7bar)
2. Never exceed maximum and minimum pressure. Too low or too high pressure would cause noise wear and tear or misfiring.
3. When connecting air supply always keep hands and body away from discharge area of tool.
4. A filter-regulator-lubrication is required and should be located as close to tool as possible.
5. Keep air filter clean. A dirty filter will reduce the air pressure to the tool causing a reduction in power and efficiency.
6. For better performance, install a quick connector in your tool and quick coupler on the hose if possible.
7. Be sure all connections in air supply system are sealed to prevent air loss.

15.5GA FLOORING STAPLES	
1-1/2"	38mm
1-3/4"	45mm
2"	50mm

16GA L-CLEATS	
1-1/2"	38mm
1-3/4"	45mm
2"	50mm

16GA T-CLEATS	
1-1/2"	38mm
1-3/4"	45mm
2"	50mm



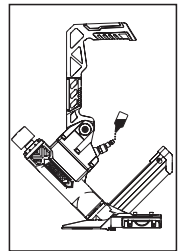
LOADING AND OPERATION

 **WARNING!**

Always disconnect the tool from the compressed air before loading. When loading the tool always keep the tool pointed away from yourself and others. Make sure that you are not holding the tool with trigger depressed while loading to prevent accidental firing.

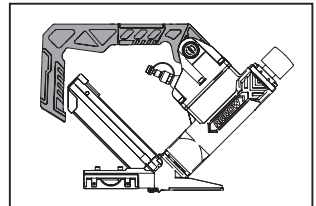
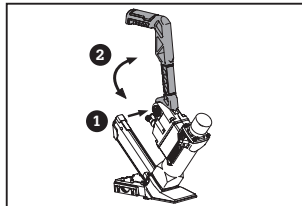
CONNECTE THE TOOL WITH AN AIR SUPPLY

1. Determine if it is necessary to lubricate. If necessary, put two drops of oil into the AIR PLUG as shown. If you are using an automatic in-line oiler, check and add oil if necessary.
2. Turn the air compressor on and adjust the regulator to a proper pressure for shooting suitable fastener.



The handle folds

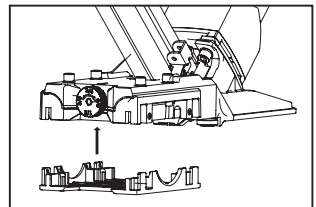
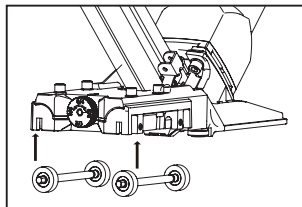
Press the button, turn the handle to the operating position, release the button



Installation roller assemblies and pad

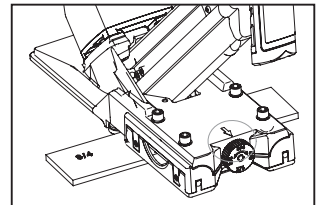
According to the customer's wishes, roller assemblies and pad can be quickly installed without the aid of tools.

Pay attention to the direction.



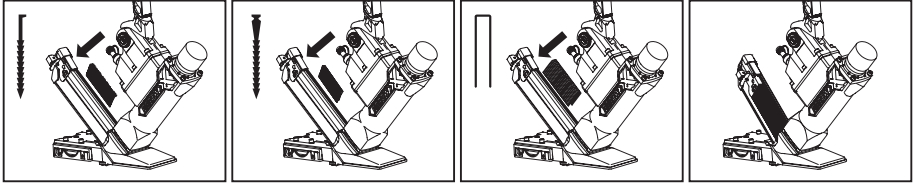
FLOORING BASE ADJUST

Rotate the adjusting knob according to the thickness specification of the floor so that the mark with the same thickness specification of the floor is in the position indicated by the arrow. The tool is fit for 5/8" and 3/4" thickness floor wood.



OPERATING INSTRUCTIONS

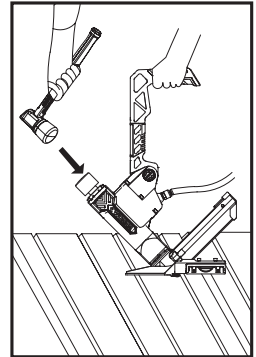
1. First pull the pusher to the tail of the clip and hang it on the locating pin, Load the nails from the upper part of the magazine.
2. Press the locating pin again to release the pusher on the back end of the nails.



OPERATE THE TOOL

Test the driving depth in a sample piece of wood before using. If the fasteners are being driven too far or not far enough, adjust the regulator to provide less air pressure or more air pressure.

1. Load fastener following the direction given in the section called LOAD THE FASTENER.
2. Connect the tool with the air supply. Make sure the air pressure is in correct range denoted in section of SPECIFICATIONS.
3. Hold the LONG ARM and press the BASE to work surface and make sure the fastener connection position. Strike the hammer face with a hammer to drive the fastener out.
4. Lift the tool off the work surface.



REGULAR MAINTENANCE

1. Frequent, but not excessive, lubrication is required for best performance. Oil added through the airline connection will lubricate inside parts. An automatic airline oiler is recommended but oil may be added manually before every operation or after about 1 hour of continuous use. Only a few drops of oil at a time are necessary. Too much oil will be gathered inside the tool and be blown out while excess shooting. ONLY USE PNEUMATIC TOOL OIL. Do not use detergent oil or additives as these lubricants will cause accelerated wear out the seal.

2. Use a small amount of oil on all moving surface and pivots.

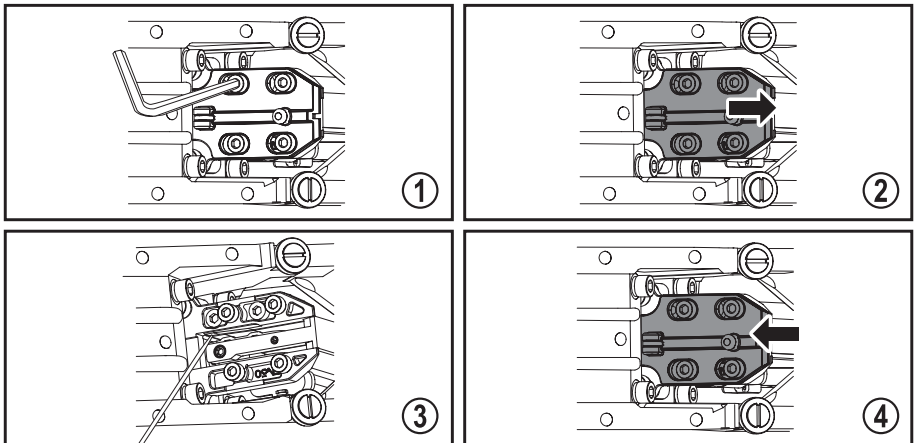
3. Dirt and water in the air supply are major causes of pneumatic tool worn. Use a filter/oiler for better performance and longer life. The filter must have enough flow capacity for the specific application. Consult the manufacturer's instructions for proper maintenance of your filter.

Keep tools clean for better and safer performance. Use nonflammable cleaning solutions (CAUTION: Such solutions may damage O-ring and other tool parts) only if necessary- DO NOT SOAK.

CLEARING JAMS

Occasionally, a fastener may become jammed in the firing mechanism of the tool, making the tool inoperable. To remove a jammed fastener, follow these steps;

1. Disconnect the tool from air resource.
2. Loosen the four screws holding the cover plate, slide down and remove the cover plate.
3. Remove fasteners from the tool. Failure to do so will cause the fasteners to eject from the front of the tool.
4. Set the cover plate over the screw and push it up into place to lock the four screws.



UNPACKING

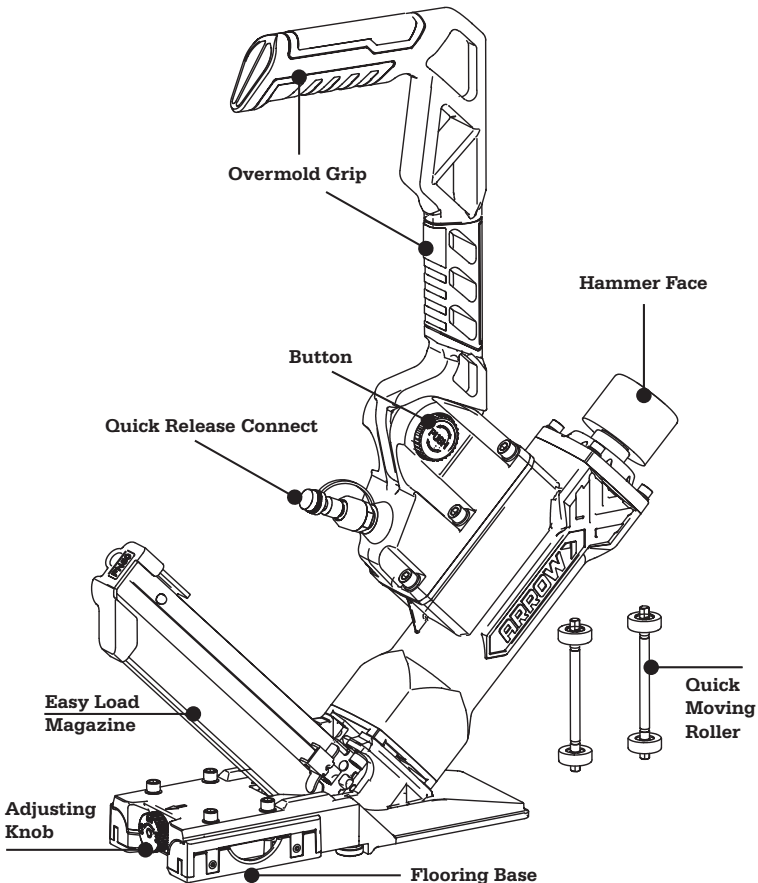
When unpacking, check and make sure that all the accessories are included. If anyone is missed or broken, please call seller for help. Refer to the follow lists.

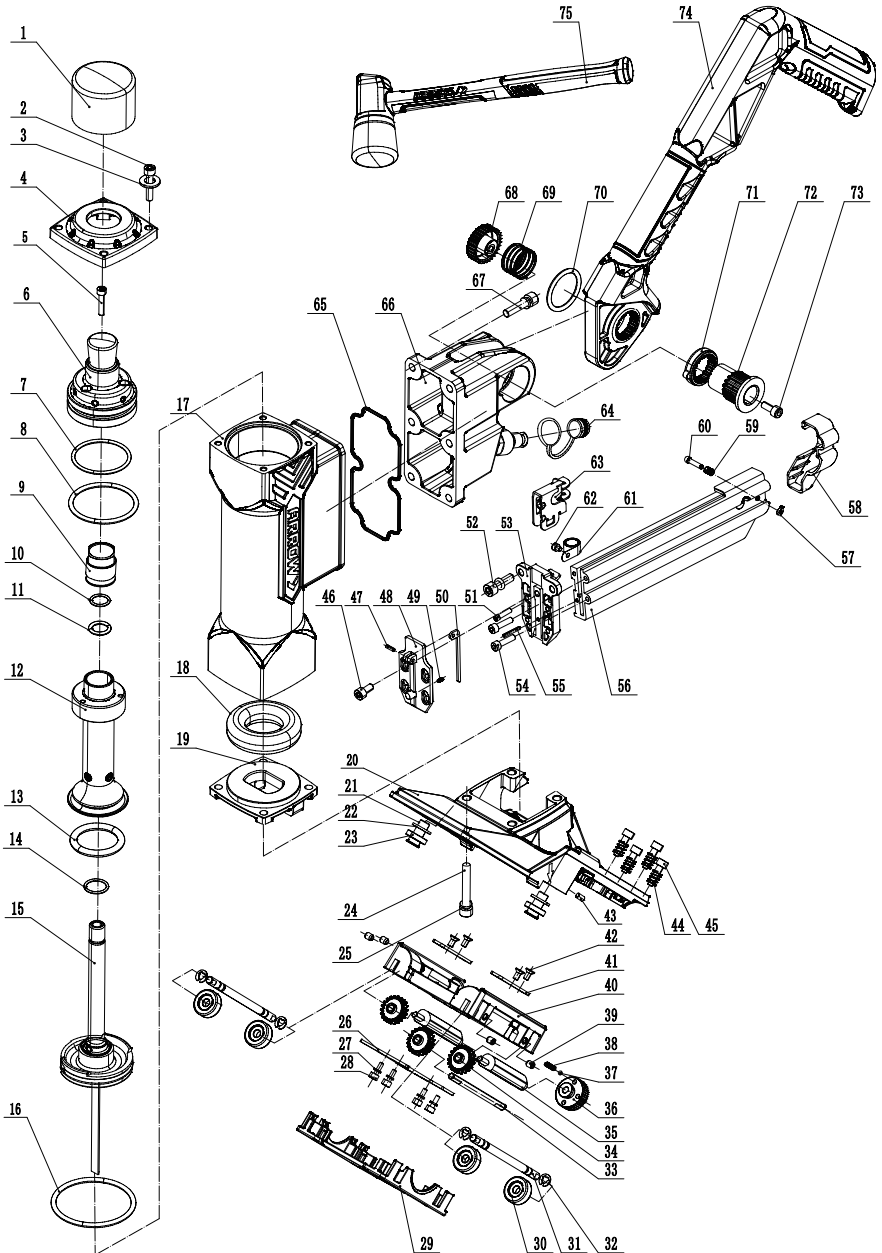
Description	Qty
Hammer.....	1
Nailer	1
S2.5 Hex Key	1
S3 Hex Key	1
S4 Hex Key	1
S5 Hex Key	1
Air Tool Oil	1
Operating instruction	1
Storage Bag	1
Roller	2

WARNING!

Disconnect the tool from the air compressor before adjusting, clearing jams, servicing, relocating and during non-operation.

- Check and change all worn or damaged o-rings, seals, etc. Tighten all the screws and caps to avoid personal injury.
- Inspect trigger and safety mechanism to assure system is complete and functional with no loose or missing parts.
- Keep magazine and nose of tool clean and free of any dirt lint or abrasive particles.





FN50 SCHEMATICS & PARTS LIST

PART	DESCRIPTION	QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION	QTY
1	Hammer Face	1	20	Base	1	39	Hex Bolt M5X6	4	58	Magazine End Stopper	1
2	Hex Bolt M5X25	4	21	Pin	2	40	Adjusting Base	1	59	Spring	1
3	Washer 5	4	22	Washer 8	2	41	Support Plate	2	60	Pin	1
4	Cylinder Cover	1	23	Shaft Sleeve	2	42	Hex Bolt M5X10	4	61	Coil Spring	1
5	Hex Bolt M4X20	3	24	Hex Bolt M6X40	4	43	Bumper	2	62	Hex Bolt M4X4	
6	Poppet Actuator	1	25	Washer 6	12	44	Spring	4	63	Pusher	1
7	O-ring 46.2X2.65	1	26	Pressure Plate	1	45	Hex Bolt	4	64	Plug Cap	1
8	O-ring 54.2X3.5	1	27	Washer 4	4	46	Hex Bolt M5X10	4	65	Gasket	1
9	Piston Cap	1	28	Hex Bolt M4X10	4	47	Spring Pin 3X8	1	66	End Cap component	1
10	O-ring 15.9X1.8	1	29	Plate	1	48	Drive Guide Cover	1	67	Hex Bolt M6X25	6
11	O-ring 17.5X2.6	1	30	Roller	2	49	Spring	1	68	Button	1
12	Piston Cylinder	1	31	Roller Shaft	2	50	Limited Nail Plate	1	69	Button Spring	1
13	O-ring 13.5X2.6	1	32	E rings 5	4	51	Hex Bolt M4X16	1	70	O-ring 36.5X3.5	1
14	O-ring 19.2X1.8	1	33	Shaft	1	52	Hex Bolt M6X20	2	71	Spline Housing	1
15	Firing Pin	1	34	Gear	3	53	Drive Guide	1	72	Spline Shaft	1
16	O-ring 57.4X3.5	1	35	Adjust Shaft	1	54	Hex Bolt M5X20	2	73	Hex Bolt M5X12	1
17	Body	1	36	Adjusting Knob	1	55	Spring Pin 3X20	1	74	Handle	1
18	Bumper	1	37	Steel Balls 3	1	56	Magazine	1	75	Hammer	1
19	Cylinder Base	1	38	Spring	1	57	Circlips For Shaft	1			

TROUBLE SHOOTING

STOP USING THE TOOL IMMEDIATELY IF ANY OF THE FOLLOWING PROBLEMS OCCUR. SERIOUS PERSONAL INJURY COULD OCCUR. ANY REPAIRS OR REPLACEMENTS MUST BE DONE BY A QUALIFIED PERSON OR AN AUTHORIZED SERVICE CENTER ONLY.

PROBLEM	CAUSE	SOLUTION
Air leaking in Cylinder Cover	A. Loose poppet actuator screws.	A. Tighten and recheck.
	B. O-ring is cracked/worn.	B. Replace o-ring.
Lack of power, slow to cycle. Poor power of shooting and returning.	A. Tool is too dry.	A. Drop lubricant.
	B. Air pressure too low.	B. Check air supply equipment.
	C. Exhaust blocked.	C. Clean exhaust channel.
Shooting no fastener or intermittent feeding.	A. Damaged coil spring.	A. Replace spring.
	B. Wrong size of fastener.	B. Use standard fasteners.
	C. Magazine or drive guide is dirty	C. Clean magazine and drive guide.

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