

AFV01, AFV02, AFV04, AFV31C, AFV32C

PNEUMATIC CLINCHING TOOL

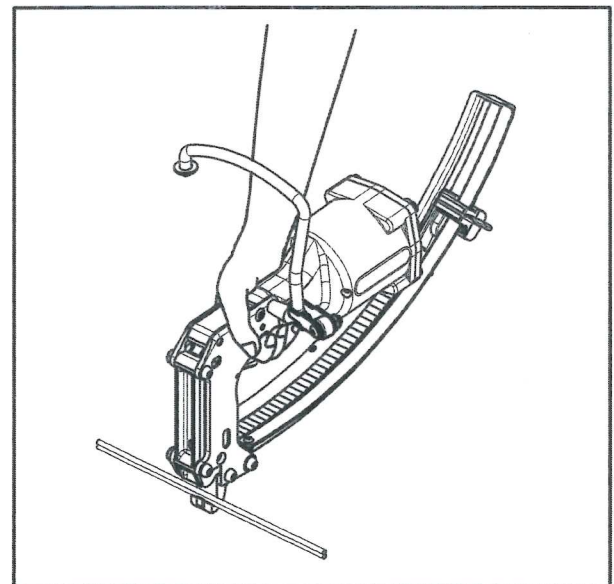
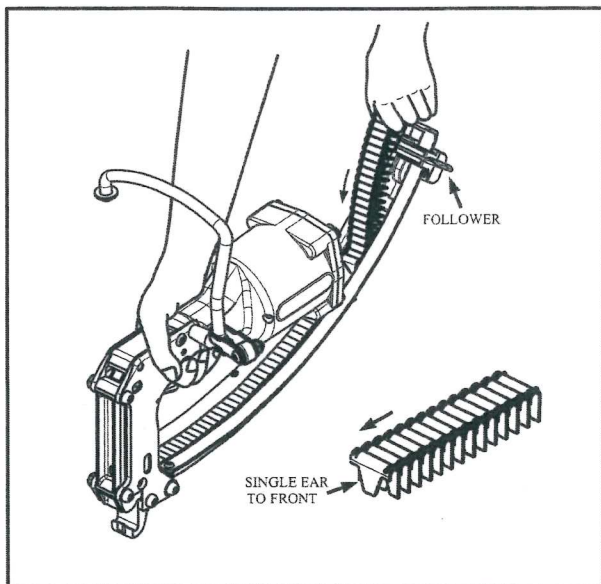
AFV SERIES



OPERATING INSTRUCTIONS

Pulling tool pusher to the rear of the magazine where it latches. Insert clips with single ear to the front and release pusher latch.

The tool is ready to clinch. Locating the wires in notch of the side plate and squeeze the trigger. Please notice where the wires in the side plate notch.

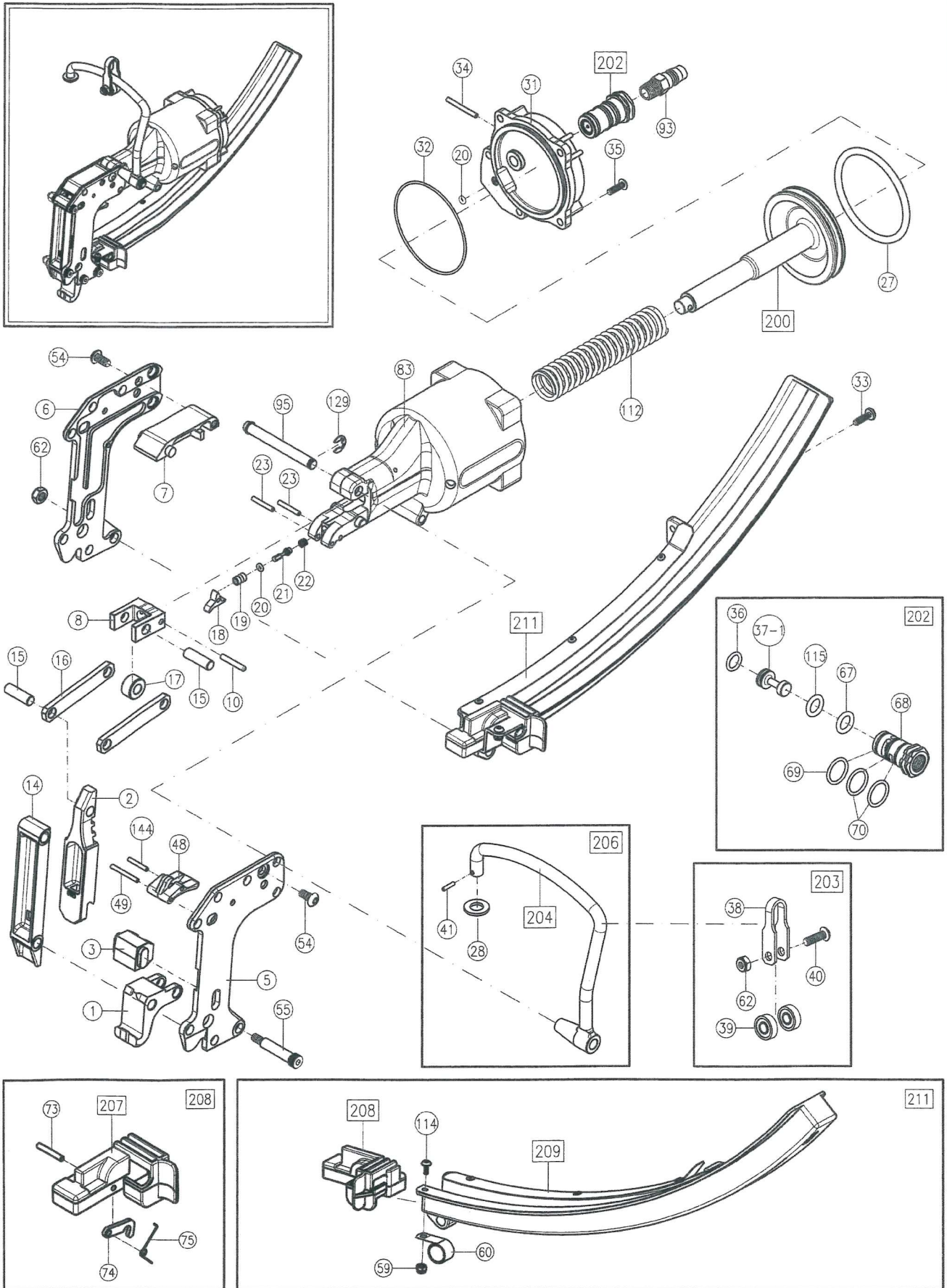


This tool is compliant with or conforms to EN ISO 12100 : 2010
EN ISO 11148-13 : 2017



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2020.02.18

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RECOMMENDED SPARE PARTS LIST

ITEM	DESCRIPTION	PART NUMBER	Q'TY
1	Anvil		1
2	Blade		1
27	Piston O-Ring	AF01027-NP	1
36	O-Ring	AE01051-NP	1
60	Spring	AF01060	1
67	O-Ring	AF701067-NP	1
115	O-Ring	AF701115-NP	1

LIMITED WARRANTY

We warrants that the Pneumatic Clinching tool is free from Defects in material and workmanship under normal use, within half year from the date of purchase, in the country of purchase. The warranty is extended to the original purchaser only. All parts except the consumable parts are warranted for half year from date of purchase and will be replaced if the sole judgment of service engineer. they should be deemed defective over and above that considered to be normal wear.

PARTS LIST FOR AFV SERIES

ITEM	DESCRIPTION	TOOL MODEL.	PART NO.	Q'TY	ITEM	DESCRIPTION	TOOL MODEL.	PART NO.	Q'TY
1	Anvil	AFV01	AFV01C001	1	39	Roller Bearing		AF01039	2
		AFV02	AFV02C001		40	Screw		AF01040	1
		AFV04	AFV04C001		41	Hanger Pin		AF01041	1
		AFV31C	AFV31C001		48	Trigger		AFV01048	1
		AFV32C			49	Trigger Pin		AFV01049	1
2	Blade	AFV01	AFV01002	1	54	Screw		AF01054	2
		AFV02	AFV02002		55	Plate Screw		AFV01055	4
		AFV04	AFV04002		59	Nut		AF01059	1
		AFV31C	AFV31002		60	Pusher Spring		AF01060	1
		AFV32C	AFV32002		62	Flex-Nut		AF01062	2
3	Blade Guide	AFV01	AF701003	1	67	O-Ring		AF701067-NP	1
		AFV02	AF702003		68	Valve Body		AFV01068	1
		AFV04	AF703003		69	O-Ring		AF01069-NP	1
		AFV31C	AF731N003		70	O-Ring		AFV01070-NP	2
		AFV32C	AF732N003		73	Pin		AF701073	1
5	Side Plate L.H.		AFV01005	1	74	Small Hook		AF01074	1
6	Side Plate R.H.		AFV01006	1	75	L Spring		AF01075	1
7	Top Plate		AFV01007	1	83	Housing		AFV01083	1
8	Yoke		AFV01008	1	93	Air Inlet		AC01059	1
10	Pin		AF701010	1	95	Hanger Pin		AFV01095	1
14	Front Plate		AFV01014	1	112	Spring		AF701112	1
15	Link PIN		AF701015	2	114	Screw		AF701114	1
16	Link		AFV01016	2	115	O-Ring		AF701115-NP	1
17	Roller		AFV01017	1	129	E-Clip		AF701129	1
18	Lever		AFV01018	1	144	Trigger Pin		AFV01144	1
19	Valve Sleeve		AFV01019	1	200	Piston Assy.		AF701200	1
20	O-Ring		AFV01020-NP	2	202	Valve Assy.		AFV01202	1
21	Valve Piston		AFV01021	1	203	Arm Assy.		AF01203	1
22	Spring		AFV01022	1	204	Hanger		AFV01204	1
23	Pin		AFV01023	2	206	Hanger Assy.		AFV01206	1
27	O-Ring		AF01027-NP	1	207	Pusher	AFV01-AFV04	AF701207	1
28	Washer		AF01028-1	1			AFV32-AFV32	AF731207	
31	Cap		AFV01031	1	208	Pusher Assy.	AFV01-AFV04	AF701208	1
32	O-Ring		AF01032-NP	1			AFV32-AFV32	AF731208	
33	Screw		AFV01033	1	209	Magazine Assy.	AFV01-AFV02	AFV01209	1
34	Pin		AFV01034	1			AFV04	AFV04209	
35	Screw		AF01035	5			AFV32-AFV32	AFV31209	
36	O-Ring		AE01051-NP	1	211	Magazine Complete.	AFV01-AFV02	AFV01211	1
37	Valve		AF701037-1	1			AFV04	AFV04211	
38	Hanger Yoke		AF01038	1			AFV32-AFV32	AFV31211	

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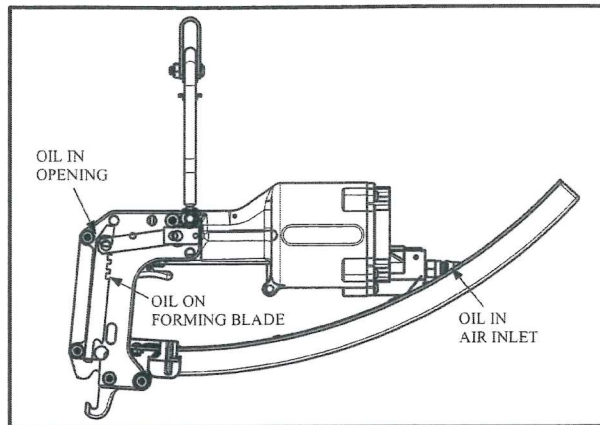
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LUBRICATION IN PROPER INTERNAL PARTS

The clinching tool is a durable tool and will give long years of service when used correctly. Lubricate with 40# weight oil every working day and maintain the tool.

We recommend:

1. A drop or two of oil in the air inlet daily.
2. Put a drop or two of oil in main valve part #37 daily.
3. Whenever the tool is disassembled, the front plate #14 and blade #2 should be greased.
4. Add oil in opening of the left plate #5 and the right plate #6 daily.
5. Clean blade slot every certain time.



PERIODIC MAINTENANCE

1. Keeping clean of the tools

Do not set tools at the place where will get damage easily. Please keep from dust and humidification. Putting the tool in proper temperature is very important when the tool does not be used for a long time.

2. Cleaning the obstacle inside of tool

After using tools, please clean any obstacle blocking in Anvil & Blade (#1, #2). Keeping the tools clean is better.

3. Putting down tools lightly

After work, please put tools down lightly to avoid damaging the body and the magazine of tool.

4. Lubrication

To insure long, trouble-free service, we recommend air line lubricators and Filter Units for proper lubrication and clean, dry air. A good grade of oil that emulsifies in water is recommended for air tools.

5. Manual oiling

Although the blade and other moving parts of the tool do need to be oiled, periodic oiling in small amounts may increase the serviceable life of the tool that receives heavy use. On a daily basis, place 4 -5 drops of light non-detergent oil into the inlet fitting where the supply line connects.

WARNING

- ◆ Always read tool manual before operating.
- ◆ Do not point the tool at anyone.
- ◆ Keep hands and clothing away from the front of Jaws of the tool and away from all moving parts. Injury may result. Failure to follow these precautions may result in serious injury.
- ◆ Always wear safety glasses while operating or while in the vicinity of a tool in operation.
- ◆ Air pressure should be maintained at 100 - 120 PSI (6.9 – 8.3 bars) using 1/4”(6.35mm) ID air hose. Higher pressures will not increase the operating speed of the tool and may cause damage to it.
- ◆ Do not use bottled gases such as oxygen, hydrogen, carbon dioxide or other combustible gasses.
- ◆ Disconnect air supply before servicing.

2020.02.17