

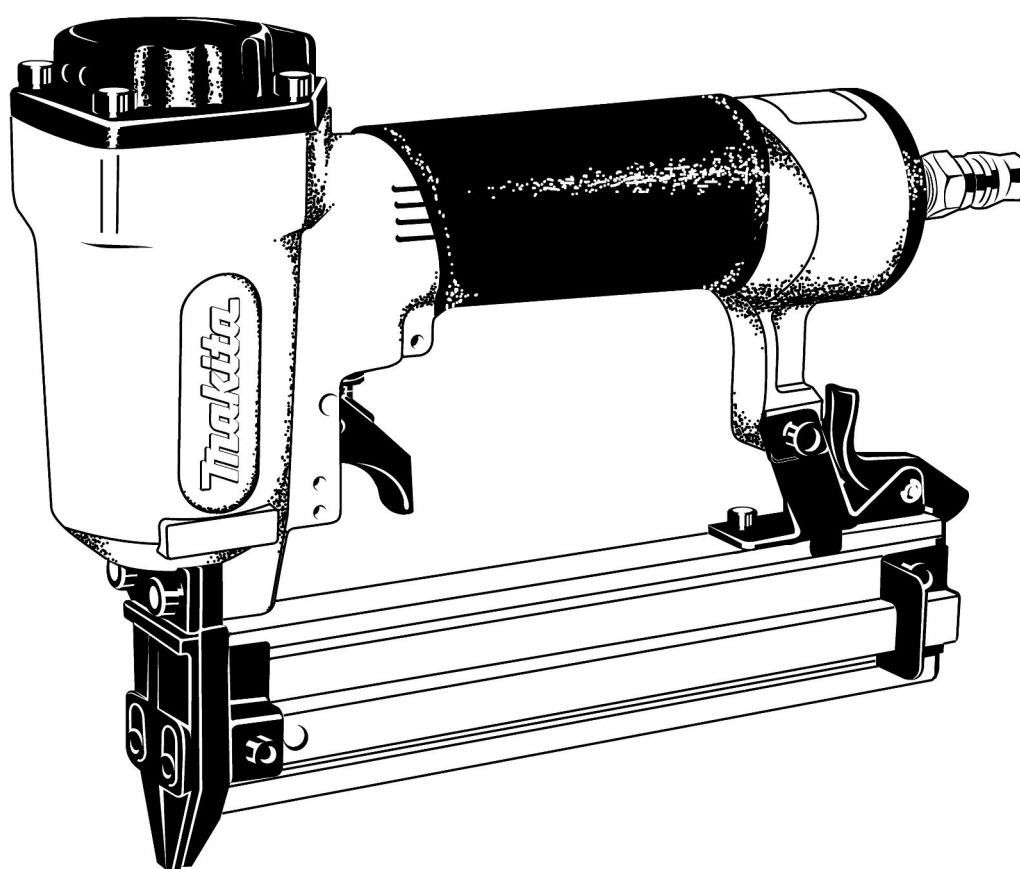


## **Pneumatic Brad Nailer**

Model : AF301ZK

AF301Z

### **INSTRUCTION MANUAL**



**AF301ZK**

**AF301Z**

**SPECIFICATIONS :**

Air pressure	4-7 kg/cm <sup>2</sup> (60-100 PSI)
Applicable length	10mm-30mm(13/32" – 1 3/16")
Applicable width	1.25mm(0.050" )
Applicable thickness	1.05mm(0.041")
Applicable gauge	18
Staple capacity	100pcs.
Min. hose diameter	6.0mm(15/64")
Dimension (L×W×H)	250mm×55mm×195mm (10" ×2.17" ×7.8" )
Net weight	1.3kg(2.86 lbs)

## SAFETY RULES

**DANGER** : Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

**WARNING** : Indicates a potentially hazardous situation which, if not avoided, will result in death or serious injury.

**CAUTION** : Indicates a potentially hazardous situation which, if not avoided, will result in minor or moderate injury.

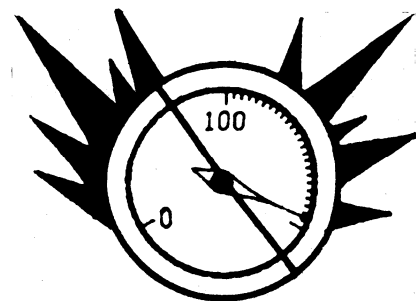
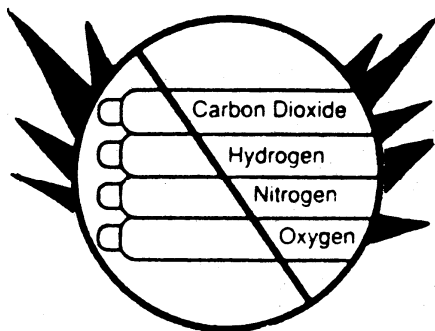
**NOTE** : Alerts the operator to useful information.

It is essential that the operator of this tool take the necessary precautions to prevent the level of danger indicated by the symbols above. Any employer is also responsible for distributing this instruction manual and ensuring that all users read, understand and follow the directions as described in the manual, safety warnings, etc.

### **DANGER**

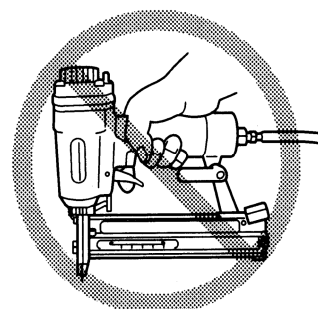
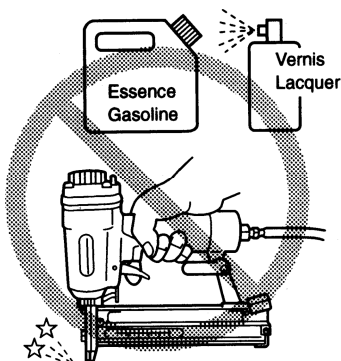
Use only filtered, lubricated, regulated compressed air only. Use of a compressed or flammable gas as a power source may cause the nailer to explode and cause death or serious injury.

Operate the tool within the specified air pressure stated in the specifications and warning labels.



Sparks sometimes fly when the tool is used. Do not use the tool near volatile, flammable materials such as gasoline, thinner, paint, gas, adhesives, etc.; they will ignite and explode, causing serious injury.

Do not carry the tool with your finger on the trigger or hand it to someone in this condition. Accidental firing can be extremely dangerous.



## **WARNING**

Always disconnect the nailer from the air supply before ANY KIND of adjustment, clearance of jams, service, cleaning, re-locating and during non-operation.

Always wear safety goggles with side shields and hearing protection. Employers and users are responsible for ensuring anyone near the nailer is also protected.

When the nailer is being loaded or is connected to the air compressor, never place your hand or any other body part in the nail discharge area.

Use only parts and fasteners recommended by specification. Do not modify the nailer without authorization.

## **CAUTION**

Do not throw the tool, strike the body in any way or use the tool as a hammer to knock material in place.

## **NOTE**

Do not use the tool if it is not loaded, as this will accelerate wear on the nailer.

Make sure all hoses and fittings are free from damage and dirt, replacing any necessary items.

## **LUBRICATION AND MAINTENANCE**

CAUTION : Do not store the nailer in cold weather as the valves and mechanisms may freeze up, causing the tool to operate incorrectly.

Be sure to disconnect the nailer from the air supply before lubricating.

The nailer must be lubricated before the first use, and before and after each additional use. Oiling prevents rust and extra wear. Manual lubrication can be skipped if an Oiler is used.

An Oiler conveniently provides oil circulation that also increases the efficiency and life of the tool. An Oiler should be used if the nailer is used heavily or constantly. The Oiler should be checked daily for oil level.

## **NOTE**

If operating in cold weather or below freezing, use permanent antifreeze as a lubricant. Some drying agents may damage o-ring and seals, be sure to check these.

### AIR COMPRESSOR AND CONNECTIONS

NOTE : The air pressure required depends on fastener size and type of material to be nailer. Never exceed the air pressure recommended by specifications.

If nails do not drive down tightly, adjust to a higher pressure setting until satisfactory. Reduce air pressure if the fasteners are being driven too deeply.

Adding Quick Connector on the nailer and Quick coupler on the air hose can improve performance.

### WARNING OF DRIVING NAILS

During the process of assembling the AIR HOSE, do not put your finger into the TRIGGER.

- It could cause the risk with an unexpected firing

Please get the DRIVER GUIDE tight on woods and then driving the TRIGGER.

- The nails can be driven with the driving the TRIGGER

### OPERATING THE NAILER

Add a few drops of high speed spindle oil or air tool oil into the air inlet.

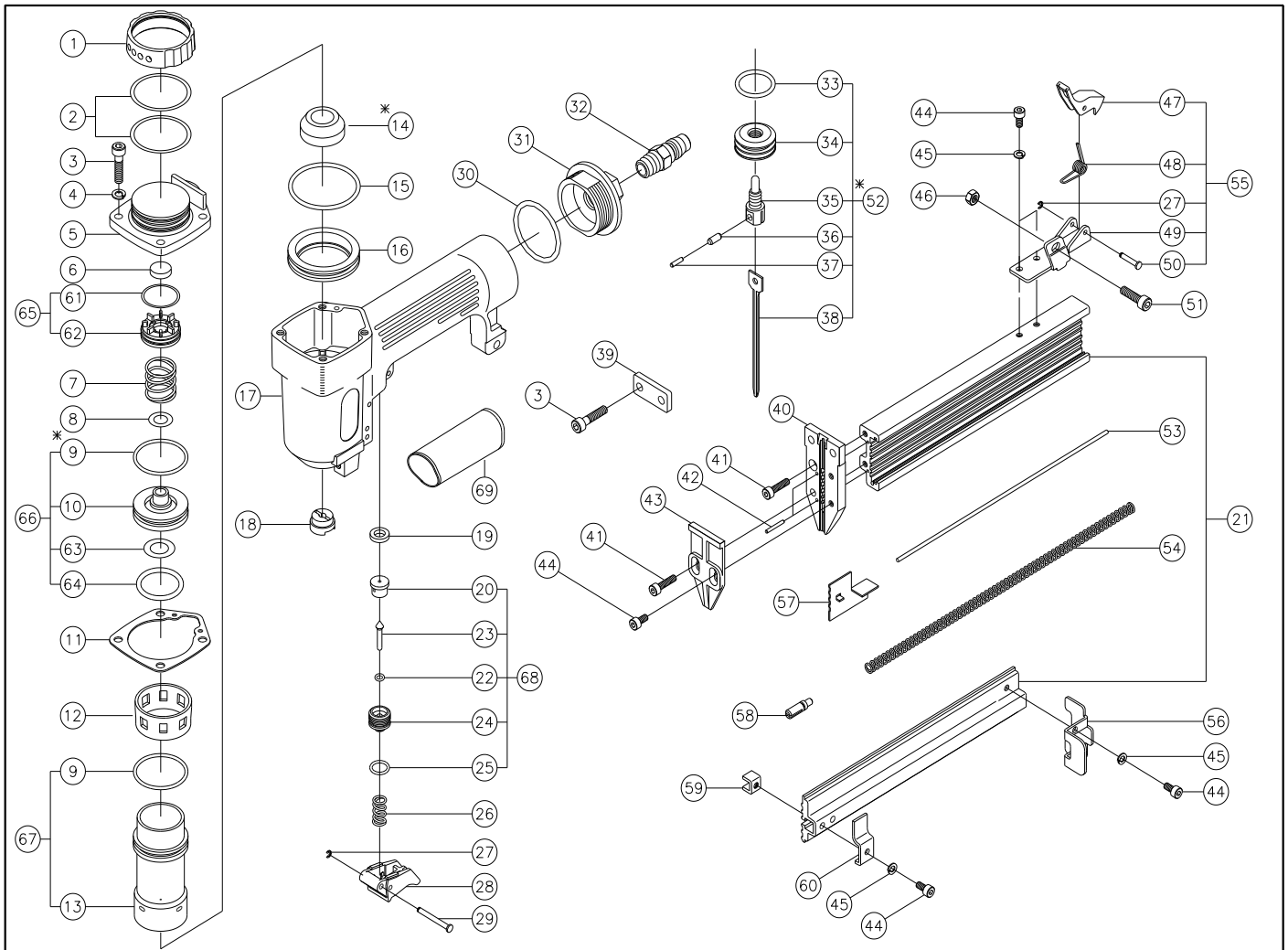
Check the operation of the trigger, and load nails into the magazine.

Connect the nailer to the air compressor.

Test the depth of nails by driving nails into a sample piece of wood. If the nails do not reach the desired depth, adjust the air pressure.

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ITEM NO.	DESCRIPTION	ITEM NO.	DESCRIPTION
1	EXHAUST VALVE COLLAR	36	OUTER SPRING PIN 4*10
2	O-RING 35.5*1.8	37	INNER SPRING PIN 2.5*10
3	SCREW 5*22	38	DRIVER BLADE
4	WASHER #5*1.1t	39	SPACER
5	CYLINDER CAP	40	DRIVER GUIDE
6	SEAL, AIR	41	SCREW 4*16
7	SPRING	42	SPRING PIN 2*12
8	O-RING 9.8*2.4	43	DRIVER GUIDE COVER
9	O-RING 31*2.5	44	SCREW 4*8
10	FIRING VALVE PISTON	45	WASHER #4*0.9t
11	GASKET	46	HEX. NUT M5
12	COLLAR	47	CLICK LEVER
13	CYLINDER	48	TORSION SPRING
14	BUMPER	49	SUPPORT
15	O-RING 39.4*3.1	50	STEP PIN $\phi$ 5*16.7
16	SPACER	51	SCREW 5*18
17	BODY	52	PISTON SET
18	NOZZLE	53	STEEL BAR
19	SEAL, AIR	54	COMPRESSION SPRING
20	TRIGGER VALVE HEAD	55	CLICK LEVER SET
21	MAGAZINE ASS'Y	56	END STOPPER
22	O-RING 3.8*1.5	57	PUSHER
23	TRIGGER VALVE STEM	58	SPRING HOLDER
24	TRIGGER VALVE GUIDE	59	STOPPER
25	O-RING 9.8*1.9	60	FRONT STOPPER
26	COMPRESSION SPRING	61	O-RING 22*1.5
27	E-RING $\phi$ 2.5	62	EXHAUST VALVE SITE
28	TRIGGER	63	O-RING 13*3
29	STEP PIN $\phi$ 2.9*29	64	O-RING 25*3.5
30	O-RING 35*3.5	65	EXHAUST VALVE ASS'Y
31	TAIL COVER	66	HEAD VALVE PISTON SET
32	AIR PLUG	67	CYLINDER SET
33	O-RING 21.3*3	68	TRIGGER VALVE SET
34	PISTON HEAD	69	HANDLE GRIP
35	DRIVER BLADE PIN		

## AF301Z

Note: The specifications may differ from country to country.