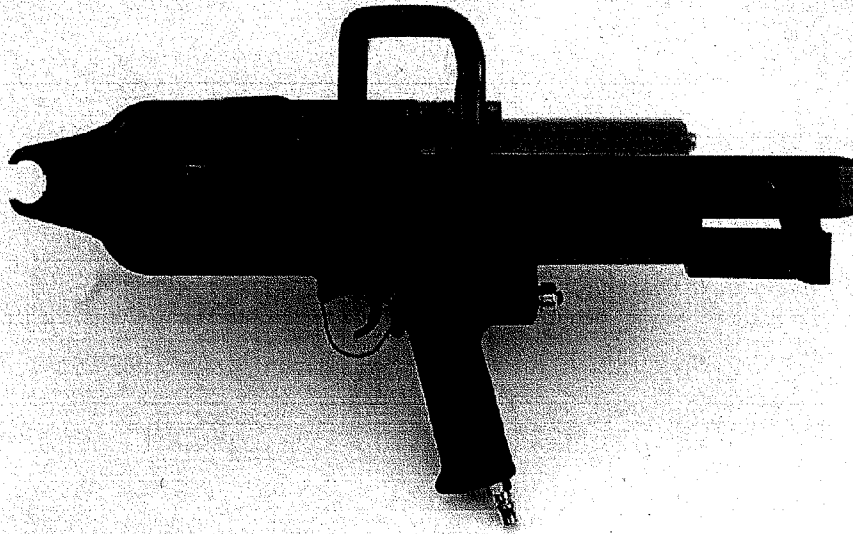




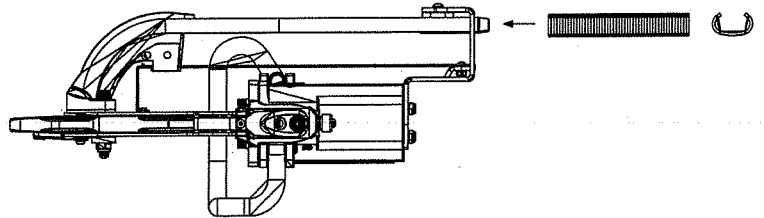
# PNEUMATIC C-RING TOOL AC50M



## OPERATING INSTRUCTION

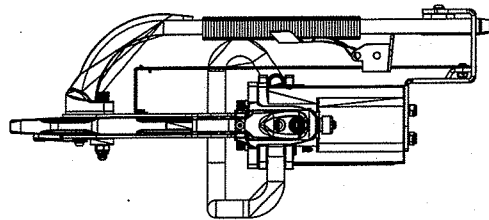
### STEP 1.

Load C-Ring on the magazine and push C-Ring till angle of magazine



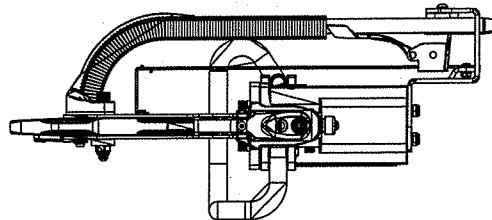
### STEP 2.

Push back pusher spring to end position of magazine



### STEP 3.

Hold pusher and engage pusher with C-Ring and push pusher forward. Completed loading C-Ring on the magazine.



**Note: New design of pusher (with two ears), you can load C-Ring first then pull pusher later. It is easier loading C-Ring.**

This tool is compliant with or conforms to EN 792-13

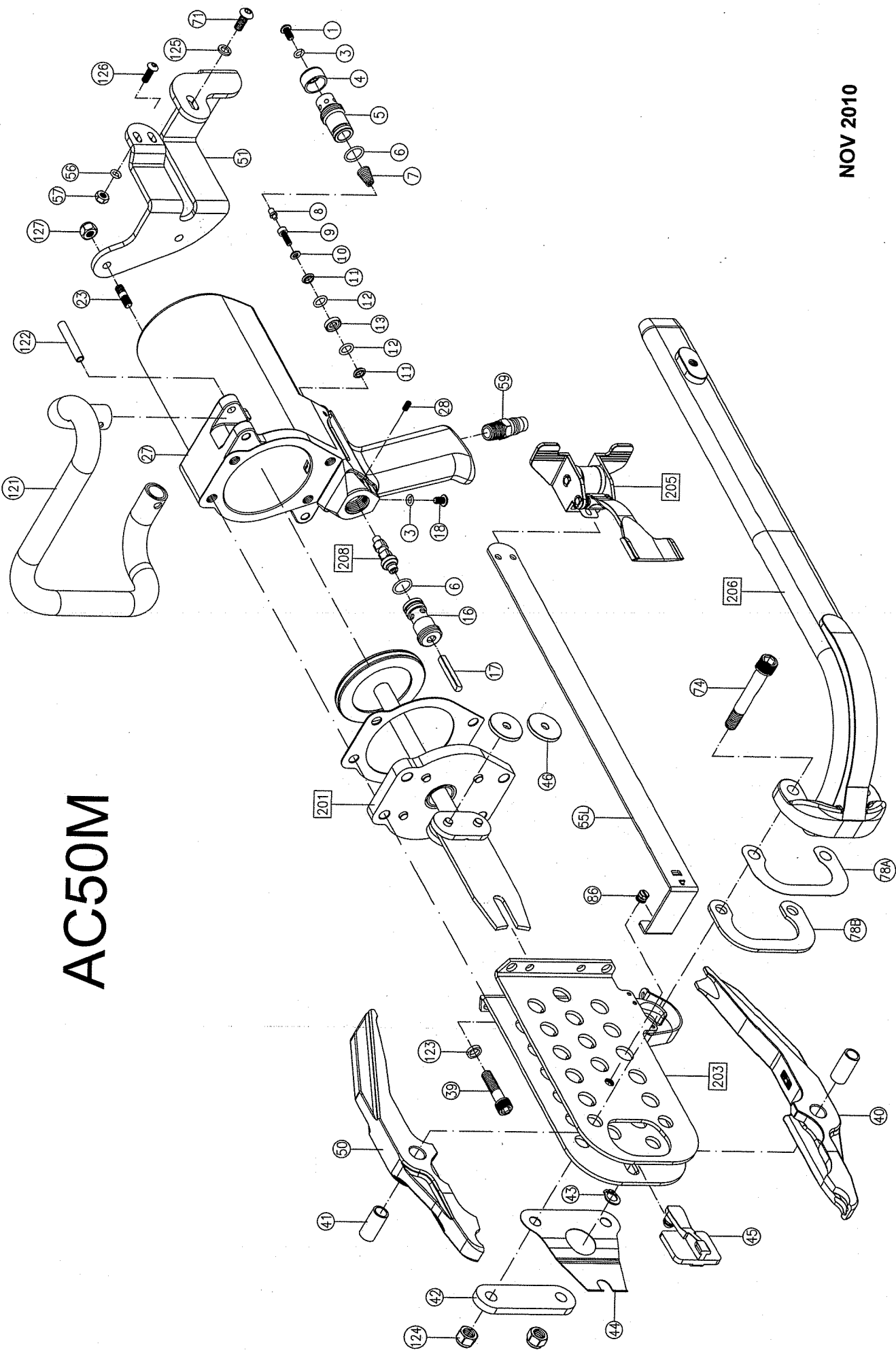


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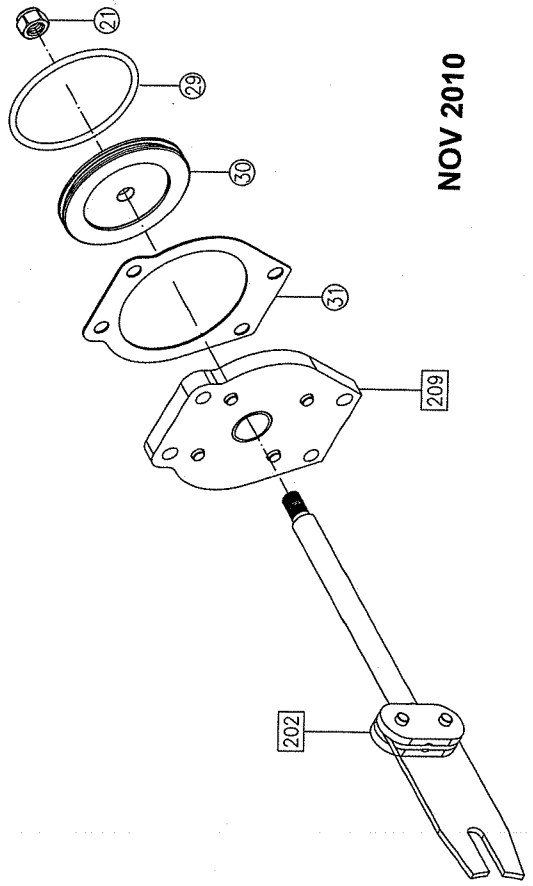
# AC50M



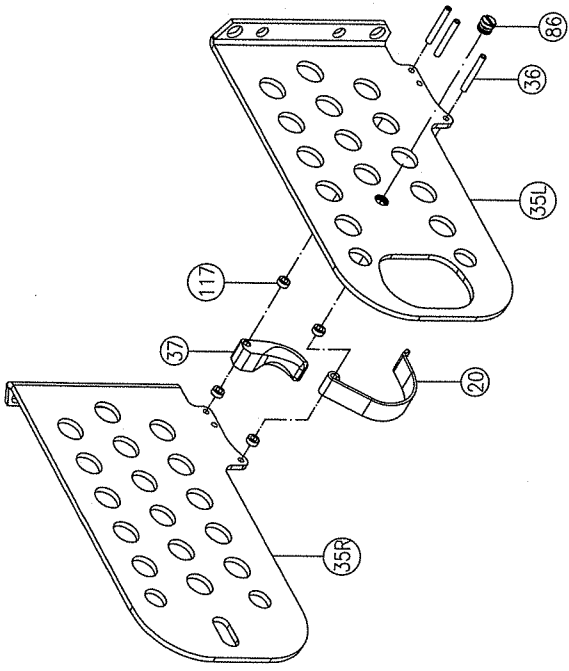
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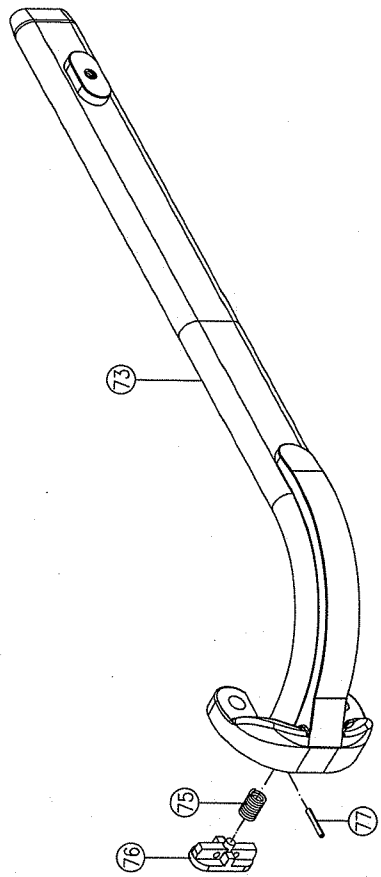
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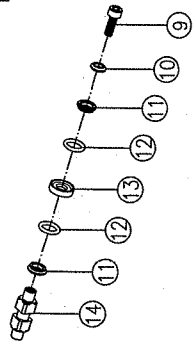
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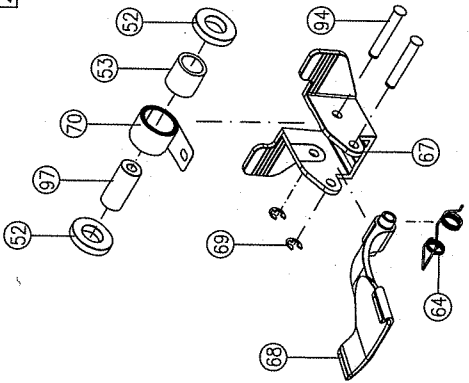
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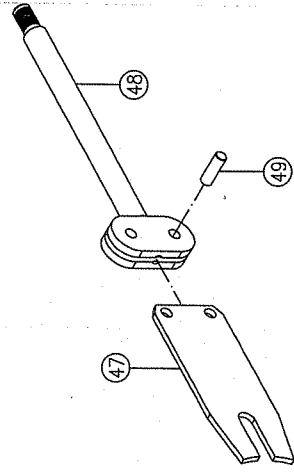
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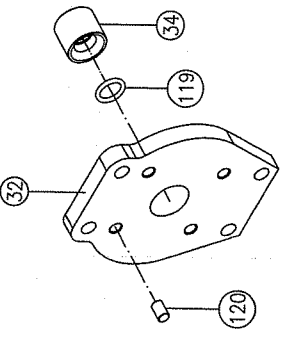
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202



209



# PARTS LIST

ITEM	DESCRIPTION	PART NUMBER	Q'TY	ITEM	DESCRIPTION	PART NUMBER	Q'TY	ITEM	DESCRIPTION	PART NUMBER	Q'TY
1	Set Screw	AC01001	1	35L	Side Plate (Light)	AC5035L	1	71	Feeder Arm Screw	AC50071	1
3	Shakeproof lock Washer	AC01003	2	36	Roll Pin	AC50036	3	73	Magazine Body	AC50073	1
4	Air Deflector	AC01004	1	37	Trigger	AC01037S	1	74	Jaw Bolt	AC50074	2
5	Rear Valve Seat	AC01005	1	39	Socket Head Cap Screw	AC50039	4	75	Magazine Spring	AC50075	1
6	O-Ring	AC01006	2	40	Upper Jaw	AC50040	1	76	Magazine Shoe	AC50076	1
7	Throttle Spring	AC01007	1	41	Jaw Bushing	AC50041	2	77	Roll Pin	AC50077	1
8	Throttle Spring Locator	AC01008	1	42	Support Plate	AC50042	1	78A	Magazine Shim	AC5078A	1
9	Throttle Valve Screw	AC01009	2	43	Latch Pin Clip	AC50043	1	78B	Magazine Shim(Thick)	AC5078B	1
10	Valve Screw Washer	AC01010	2	44	Latch Spring	AC50044	1	86	Plate Screw	AC01M086	1
11	O-Ring Support	AC01011	4	45	Latch	AC50045	1	94	Pusher Pin	AC50M094	2
12	O-Ring	AC01012	4	46	Roller	AC50046	2	97	Spring Roll	AC50M097	1
13	O-Ring Center Support	AC01013	2	47	Feeder Blade	AC50047	1	119	O-Ring	AC50119	1
14	Throttle Valve Spacer	AC01014	1	48	Piston Rod	AC50048	1	120	Roller Pin	AC50120	4
16	Front Valve Seat	AC01016	1	49	Roller Pin	AC50049	2	121	Handle	AC50121	1
17	Throttle Stem	AC01017	1	50	Lower Jaw	AC50050	1	122	Handle Pin	AC50122	1
18	Button Head Cap Screw	AC01018	1	51	Feeder Arm	AC50051	1	123	Washer	AC50123	4
20	Trigger Guard	AC01020	1	52	Plastic Washer	AC50M052	2	124	Plate Nut	AC50124	2
21	Flexloc Nut	AC50021	1	53	Spring Roll	AC50M053	1	125	Washer	AC50125	1
23	Stud	AC01023	2	55L	Feeder Guide Rail	AC50M55L	1	126	Screw	AC50126	2
27	Housing	AC50027	1	56	Washer	AC50056	2	127	Nut	AC50127	1
28	Set Screw	AC01028	2	57	Nut	AC50057	2	201	Piston Assembly	AC50201	1
29	O-Ring	AC50029	1	59	Inlet Bushing	AC01059	1	202	Piston Rod Assy.	AC50202	1
30	Piston	AC50030	1	64	Pusher Spring	AC50M064	1	203	Frame Assembly	AC50203	1
31	Cylinder Gasket	AC50031	1	67	Magazine Set	AC50M067	1	205	Pusher Assembly	AC50205	1
32	Piston Stop Spacer	AC50032	1	68	Pusher	AC50M068	1	206	Magazine Assembly	AC50206	1
34	Cylinder	AC50034	1	69	Stop Ring	AC50M069	2	208	Throttle Assembly	AC01208	1
35R	Side Plate (Right)	AC5035R	1	70	Spring	AC50070	1	209	Piston Spacer Assy.	AC50209	1

## RECOMMENDED SPARE PARTS LIST

ITEM	DESCRIPTION	PART NUMBER	Q'TY
29	O-Ring	AC50029	1
30	Piston	AC50030	1
40	Upper Jaw	AC50040	1
44	Latch Spring	AC50044	1
45	Latch	AC50045	1
47	Feeder Blade	AC50047	1
50	Lower Jaw	AC50050	1
64	Pusher Spring	AC50M064	1
70	Spring	AC50070	1

## 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 JAWS (#40, #50). 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 jaws 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 on the bottom of the handle.

# THE WAYS OF ELIMINATING SIMPLE BREAKDOWN

## ◆ AIR LEAK

### A. Motionless position and the front leak

1. The part No.16 Front Valve Seat is not locked deep enough.
2. The part No.59 outlet is not closed enough but it would not affect any operation.

### B. Motion position and the front leak

1. Part No.5 Rear Valve Seat is locked too deep.
2. The outlet No.59 is not closed enough but it would not affect any working.

## ◆ No working or trigger stuck

1. The parts No.5 and No.16 are locked too deep to make assembly No.208 immovable.
2. Lacking for maintenance and getting rusty on assembly No.208 which is immovable.
3. The part No.29 O-Ring is worn and torn or part No.30 is loose.
4. The part No.17 Throttle Stem could not bounce out which may be stuck by part No.16 with anaerobic adhesive.

## ◆ The C-Rings may spurt out during operation.

1. Jaws of the tool are too tight. The part No.41 Jaw Bushing is worn and torn.
2. The jaws of tool are not smooth and hit on a C-Ring.
3. The C-Rings are with bad quality or not suitable on the tool.

## ◆ The ring is not made a good shape from the machine.

1. The jaws are broken.
2. The assembly #201 is broken or worn.
3. The staple is not good enough or not fit on the machine.

## 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.
- ◆ Never actuate tool when loading, accidental injury may occur.
- ◆ Keep others at a safe distance from the tool while the tool is in operation as actuation occurs, possibly causing injury.
- ◆ Always wear safety glasses while operating or while in the vicinity of a tool in operation.
- ◆ Operate tool in an unobstructed work area.
- ◆ Air pressure should be maintained at 110 - 130 PSI(7 - 8 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.