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# EC DECLARATION OF CONFORMITY FOR MACHINERY

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*Manufacturer :* **SUMAKE INDUSTRIAL CO., LTD.**

CE Declaration of conformity ENGLISH  
**SUMAKE Co.** declares that the product as described in attached documentation is in conformity with the Machinery Directive 2014/68/EU .

CE Dichiarazione di conformità ITALIANO  
**SUMAKE Co.** dichiara, assumendo la piena responsabilità, che questa fissatrice è conforme alla Direttive Europee 2014/68/EU .

CE Konformitätserklärung DEUTSCH  
**SUMAKE Co.** erklärt hiermit in alleiniger Verantwortung das dieses Gerät übereinstimmt mit den Europäischen Richtlinien 2014/68/EU .

CE Declaration de conformité FRANCAIS  
**SUMAKE Co.** declare et prend sur soi toute la responsabilité de cette declaration, que le produit est en conformité avec les Directives Europeennes 2014/68/EU .

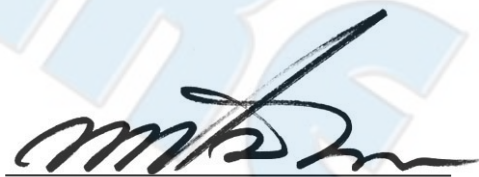
CE konformiteitsverklaring NEDERLANDS  
**SUMAKE Co.** verklaart hierbij onder eigen verantwoording dat deze machine in overeenstemming is met de Europese Richtlijnen 2014/68/EU .

CE Declaracion de conformidad ESPAÑOL  
**SUMAKE Co.** declara que el producto descrito en documentacion adjunta es conforme con la directivas Maquinaria 2014/68/EU .

**Machine Type :** AT-10E(FG)  
**machine name :** 10L DOWN FEED TYPE AIR PAINT TANK

**Place, Date of issue**  
4F, NO.351, YANGGUANG ST., NEIHU DISTRICT, TAIPEI CITY 114, TAIWAN  
August, 29th, 2016

**Signature of issuer:**



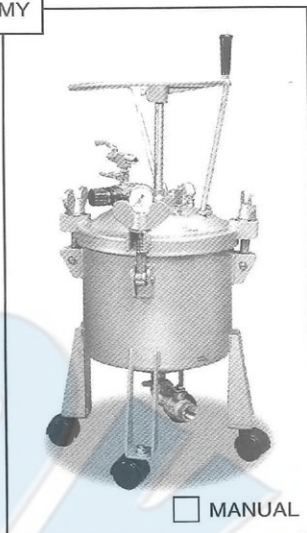
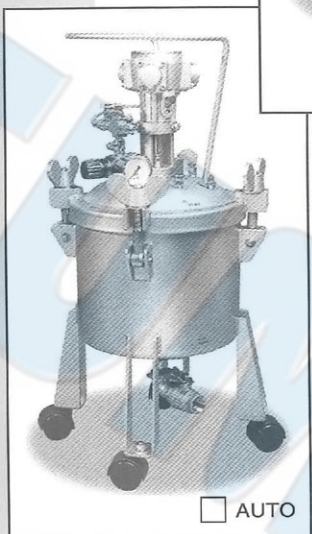
AT-10E(FG)-D-1609C-YHF

# 2-1/2 Gallon PRESSURE TANK

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Operating & Maintenance  
Instructions

■ DOWN TYPE

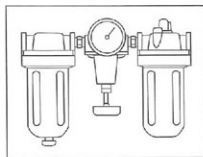


# SAFETY INSTRUCTIONS

## DANGER



Do not attempt to operate the tool until you read and understand all safety precautions and manual instructions. Never allow using oxygen or combustible gas as a power source for the tool. Use filtered, lubricated, and regulated compressed air only. Never use gasoline or other flammable liquids to clean the tool. Vapors in the tool will ignite by a spark and cause the tool to explode. While using this pressure air tank do not exceed maximum permissible operating pressure 5 bar.



- Many air tool users find it convenient to use oiler to help provide oil circulation through tool and increase the efficiency and useful life of the tool. Many air tool users find it convenient to use a filter to remove liquid and impurities, which can rust or wear internal parts of the tool. A filter also increase the efficiency and useful of the tool. The filter must be checked on a daily basis and if necessary drain.

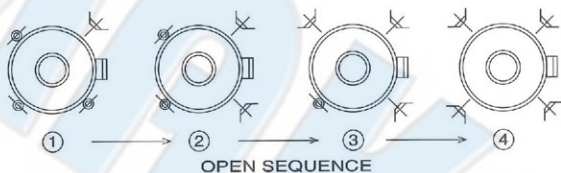
## WARNING

- Wear hearing protection employers and users are responsible for ensuring the user or anyone near the tool wears this safety protection.
- Never point any operational pneumatic tools at yourself or at any other person.
- When not use, before performing service or changing accessories, please disconnect tool from air compressor.
- End users are responsible for the CE compliance of safety valve.
- Anti-electrostatic discharge shall be taken in to consideration at some area.

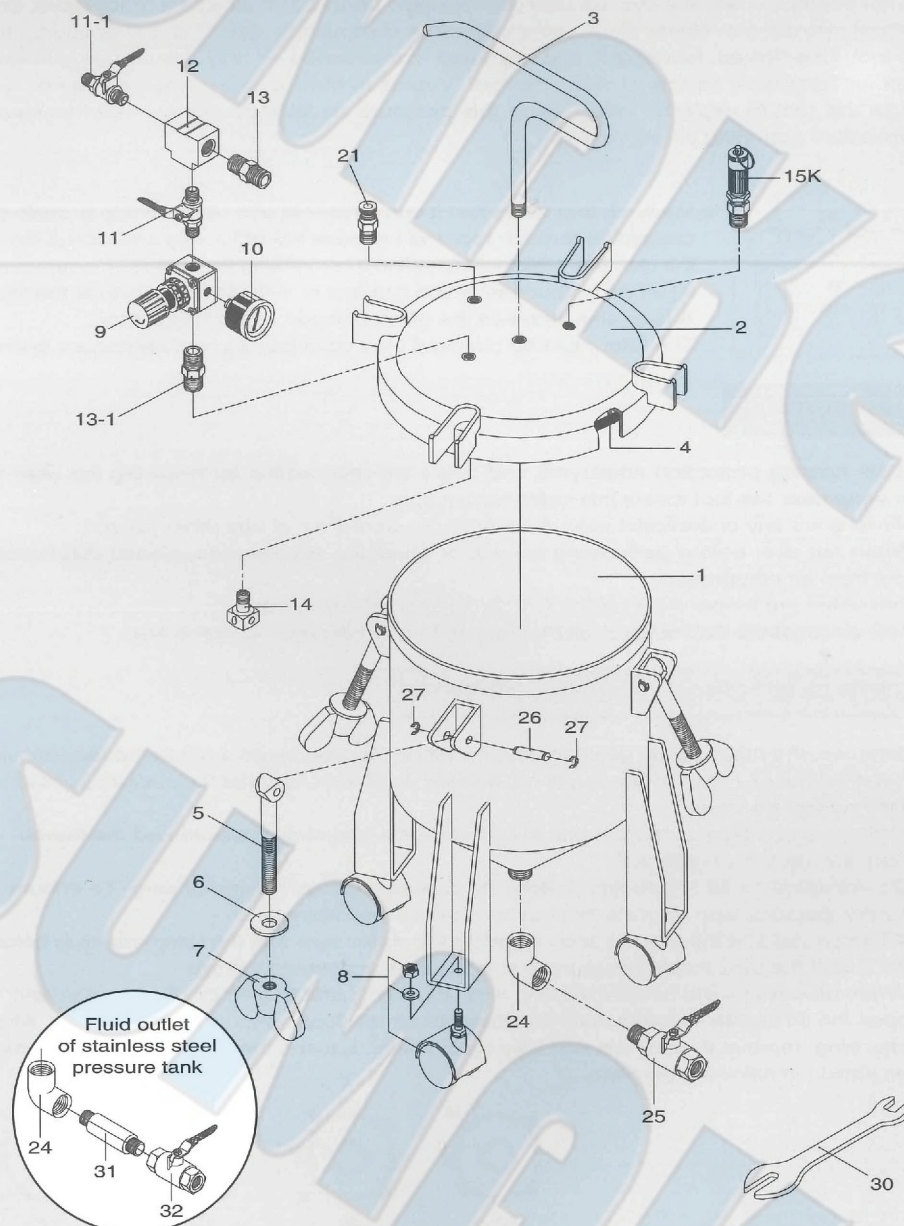
## INSTALLATION OF PRESSURE TANK

Before use, the nozzle shall be checked for well connection for inlet (compressed air) and outlet (fluid hose). Fill of contain shall not be over its 80% of material tank height and follow the instruction as below,

1. Before usage, please confirm that the product is completely installed and the thumb nuts are securely tightened.
2. Do not open the lid at any time before the pressure gauge returns to zero. To ensure safety, persons who operate this device shall be well trained.
3. When processing the loading and unloading lids make sure that the temperature is below 45°C and the tank inside pressure is at 0 bar before opening the lids.
4. When processing the contain loading and unloading, first loosen the thumb nuts and open the lid slightly to make sure that there is not residual pressure left in the tank. After checking, remove thumb nuts and fully open the lid. Loosen the thumb nuts in the order as shown in following diagram.



# SCHEMATIC DRAWING -ECONOMY TYPE



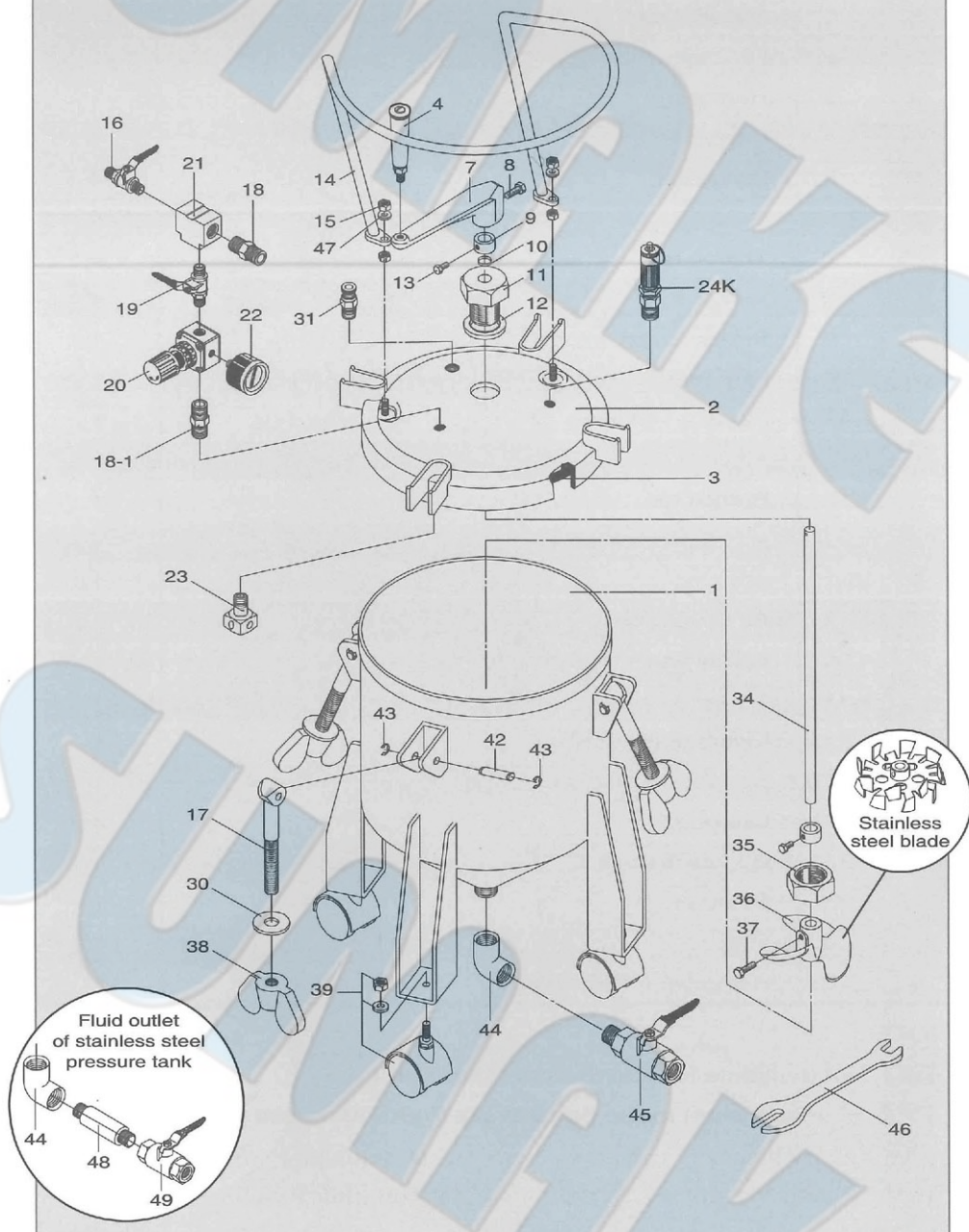
<b>PARTS NO.</b>	<b>DESCRIPTION</b>	<b>Q'TY</b>
※ 1	Material tank	1
※ 2	Lid assembly	1
※ 3	Handle	1
4	Gasket	1
※ 5	Swing bolt	4
※ 6	Washer	4
※ 7	Thumb nut	4
8	Wheel	4
9	Pressure regulator	1
10	Pressure gauge	1
11	Air cock (Air inlet)	1
11-1	Air cock (Air outlet)	1
12	Branch tee	1
13	Adapter (Air inlet)	1
※ 13-1	Adapter	1
※ 14	Air flow guider	1
15K	Safety valve	1
21	Release valve	1
※ 24	Elbow (Fluid outlet)	1
▲ 25	Ball valve (Fluid outlet)	1
※ 26	Cotter pin	4
※ 27	C-snap ring	8
30	Spanner	1
※ 31	Fluid tube	1
※ 32	Ball valve (Fluid outlet)	1

**NOTE :**

【▲】 Not available for stainless pressure tanks.

【※】 Stainless steel made parts available for stainless pressure tanks.

# SCHEMATIC DRAWING -MANUAL TYPE



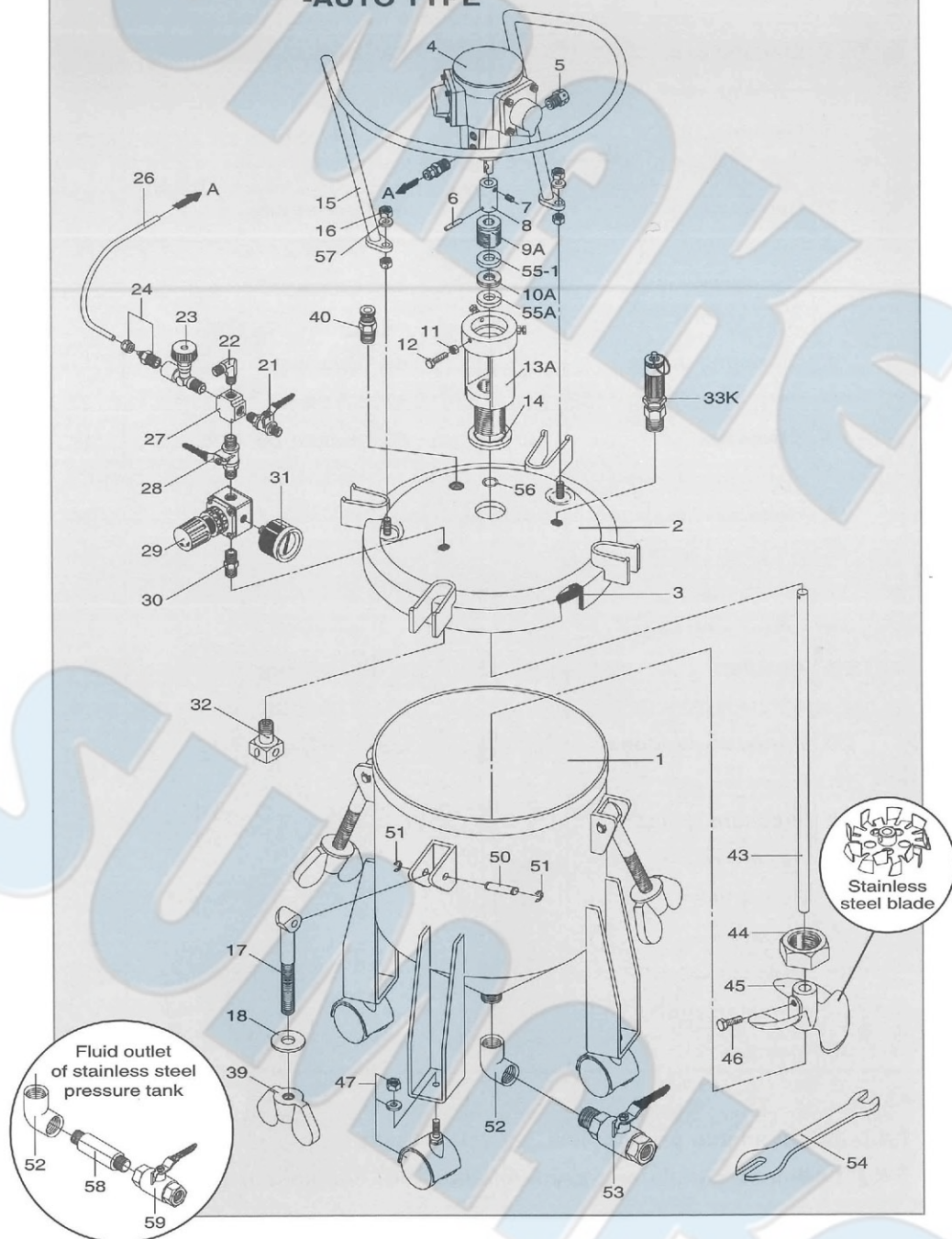
PARTS NO.	DESCRIPTION	Q'TY	PARTS NO.	DESCRIPTION	Q'TY
※ 1	Material tank	1	※ 36	Agitation blade	1
※ 2	Lid assembly	1	※ 37	Screw bolt	1
3	Gasket	1	※ 38	Thumb nut	4
4	Screw bolt	1	39	Wheel	4
※ 7	Swing rocker	1	※ 42	Cotter pin	4
※ 8	Screw bolt	1	※ 43	C-snap ring	8
9	Connecting ring	2	※ 44	Elbow (Fluid outlet)	1
10	O-ring	2	▲ 45	Ball valve (Fluid outlet)	1
※ 11	Centering guide	1	46	Spanner	1
12	Seal ring	1	※ 47	Washer	2
※ 13	Screw bolt	2	※ 48	Fluid tube	1
※ 14	Parts guard	1	※ 49	Ball valve (Fluid outlet)	1
※ 15	Hexagon nut	4			
16	Air cock (Air outlet)	1			
※ 17	Swing bolt	4			
18	Adapter (Air inlet)	1			
※ 18-1	Adapter	1			
19	Air cock (Air inlet)	1			
20	Pressure regulator	1			
21	Branch tee	1			
22	Pressure gauge	1			
※ 23	Air flow guider	1			
24K	Safety valve	1			
※ 30	Washer	4			
31	Release valve	1			
※ 34	Agitation shaft	1			
※ 35	Hexagon nut	1			

NOTE :

【▲】 Not available for stainless pressure tanks.

【※】 Stainless steel made parts available for stainless pressure tanks.

# SCHEMATIC DRAWING -AUTO TYPE



PARTS NO.	DESCRIPTION	Q'TY	PARTS NO.	DESCRIPTION	Q'TY
※ 1	Material tank	1	31	Pressure gauge	1
※ 2	Lid assembly	1	※ 32	Air flow guider	1
3	Gasket	1	33K	Safety valve	1
4	Air motor	1	※ 39	Thumb nut	4
5	Silencer	1	40	Release valve	1
※ 6	Cotter pin	1	※ 43	Agitation shaft	1
※ 7	Set screw	2	※ 44	Hexagon nut	1
※ 8	Connecting bush	1	※ 45	Agitation blade	1
9A	Centering guide	1	※ 46	Screw bolt	1
10A	Seal ring	2	47	Wheel	4
※ 11	Hexagon nut	3	※ 50	Cotter pin	4
※ 12	Screw bolt	3	※ 51	C-snap ring	8
※ 13A	Motor base	1	※ 52	Elbow (Fluid outlet)	1
14	Seal ring	1	▲ 53	Ball valve (Fluid outlet)	1
※ 15	Parts guard	1	54	Spanner	1
※ 16	Hexagon nut	4	55A	Seal ring	1
※ 17	Swing bolt	4	55-1	Seal ring	1
※ 18	Washer	4	56	O-ring	2
21	Air cock (Air outlet)	1	※ 57	Washer	2
22	Elbow (Air inlet)	1	※ 58	Fluid tube	1
23	Air valve	1	※ 59	Ball valve (Fluid outlet)	1
24	Adapter	2			
26	Air hose	1			
27	Branch four	1			
28	Air cock (Air inlet)	1			
29	Pressure regulator	1			
※ 30	Adapter	1			

NOTE :

【▲】 Not available for stainless pressure tanks.

【※】 Stainless steel made parts available for stainless pressure tanks.

## GENERAL INTRODUCTION

This pressure tank is durability, all the component parts are made with the finest materials and were strictly inspected before assembly. The surface of the pressure tank were also treated with special paint to carry out a durable and cheerful appearance.

The material being sprayed can be agitated automatically by the air motor. That keeps the material smooth all the time during spraying and prevents the target product from color difference caused by material setting.

The capacity of this pressure tank enables the operator to carry out almost any job with professional results.

What's more, special materials such as enamel paint, chemical liquid, glue, and sticky material...etc. Can also be transported as smoothly as required.

Please select the suitable pressure tank (steel / stainless steel) according to the fluid material used.

- ※ **Stainless steel pressure tank is recommended for the application of**
  - Water-based fluid material,**
  - Acid fluid material,**
  - Alkaline fluid material,**
  - Corrosive fluid material,**
  - High viscosity fluid material.**

## CAUTION

1. Do not continue to use the pressure tank after it rusted. Rust spots will weaken the structure and there will be dangerous doubts in use.
2. For the sake of performing perfectly all the time. Thoroughly cleaning is advised to execute right after every spraying.
3. That ensures not only to reduce the necessity for spare parts and also to prolong the lifespan of the pressure tank.
4. Regularly checking of safety valve is necessary. Do not attempt to repair or adjust the safety valve.
5. Operating the agitator without liquid inside will damage the equipment.

## ! WARNING

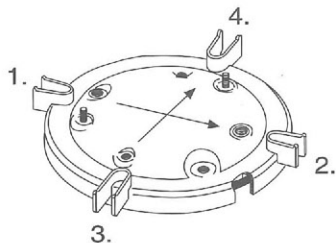
1. This pressure tank is only allowed to provide pressurized up to maximum load of **80 PSI**.  
Exceed this allowable load will result in explosion!  
(See the maximum pressure on the nameplate.)
2. The safety valve is designed to protect the pressure tank from over pressurizing.  
The original valve of it is set as **60 PSI**.  
Make sure not to adjust it if not necessary indeed.
3. Do not make drilling, welding or other form of machining to any part of the pressure tank. Because the tampering caused by those improper behavior will weaken the structure.

## OPERATING

Before use, make sure that all switches are in the off position. Check and make sure there is no pressurized air remained in the pressure tank. If there is, release it by turning release valve counterclockwise until pressure bleeds down to zero. After install the lid assembly to material tank, it is necessary to check if any leakage from the interface. It is necessary to check the tightness of thumb nuts during the usage.

- 1 Loosen all thumb nuts and swing bolts, then remove the lid assembly away from the pressure tank.
- 2 Pour the material being sprayed into the material tank.
- 3 Replace the lid assembly and tighten all thumb nuts diagonally.

**TIGHTEN SEQUENCE :** 1. → 2. → 3. → 4.



- 4 Connect the air supply hose to the air inlet.  
**Suggestion:** It's better to add an air filter between this hose and the air inlet. For it can purify the air from dirt and entrained water or oil, which are not good to the material being sprayed.
- 5 Connect the atomizing air hose to the air cock (air outlet).
- 6 Connect the fluid hose to the ball valve (fluid outlet).
- 7 Turn on the air valve counterclockwise to gain a proper speed for the air motor to agitate the material.

- 8 Turn on the air supply, then turn air pressure regulator clockwise to gain proper working pressure. Make sure not to adjust it over 80 PSI!  
(see maximum pressure on nameplate)
- 9 Turn on the air cock (air outlet).
- 10 Turn on the ball valve (fluid outlet).
- 11 Atomizing air for the spray gun can be adjust at the gun by means of turning an adjust valve on it. Or, adding an air regulator kit to the pressure tank can be the same.
- 12 Follow the operating instructions that came with the spray gun.

