AIR SPRAY GUN WITH 10L PAINT TANK INSTRUCTION MANUAL

Manufactured and packaged for SUPER CHEAP AUTO PTY LTD ABN 64 085 395 124
751 Gympie Road, Lawnton, Queensland 4501, Australia

BLACK RIDGE

Air Spray Gun With 10l Paint Tank Instruction Manual

12 Month Warranty

Minimum 150LPM

PLU 156470

WARRANTY

This product is guaranteed against defects for a period of 12 months from date of purchase. This warranty is provided by Super Cheap Auto Pty Ltd ACN 085 395 124 (Supercheap Auto) of 751 Gympie Rd Lawnton QLD 4501 Ph (07) 3482 7500. Supercheap Auto will offer a repair, replacement product or store credit if the product is assessed as being defective during the warranty period.

To claim under this warranty, take this product to the Front Service Desk of your nearest Supercheap Auto store. For store locations, visit www.supercheapauto.com.au (AUS) or www.supercheapauto.co.nz (NZ). You will need your receipt or proof of purchase. Additional information may be requested of you to process your claim. Should you not be able to provide proof of purchase with a receipt or a bank statement, identification showing your name, address and signature may be required to process your claim.

This product may need to be sent to the manufacturer to assess the defect before determining any claim. Faults or defects caused by product modification, misuse and abuse, normal wear and tear or failure to follow user instructions are not covered under this warranty.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Any expenses incurred relating to the return of this product to store will normally have to be paid by you. For more information contact your nearest Supercheap Auto store.

The benefits to the consumer given by this warranty are in addition to other rights and remedies of the Australian Consumer Law in relation to the goods and services to which this warranty relates.

Safety Guidelines

This manual contains information that is important for you to know and understand. This information relates to protecting your safety and preventing equipment problems. Improper operation or maintenance of this product could result in injury or property damage. Read and understand all warnings and operating instructions before use. Save these instructions.

Warning! Over pressurization of attachments can result in explosion.

1. **Attachments with a pressure rating lower than the adjusted pressure in the tank can explode,** resulting in serious injury or property damage. Always make sure that equipment connected to tank or hose outlet has a higher pressure rating than the regulated air pressure in the tank.

Warning! Risk of tank explosion. Explosive failure of the tank, its components or attachments can result in serious injury to self and others or property damage.

1. **Modifications to the tank's design or construction could weaken it.** Assemble tank components in accordance with the service instructions. Do not drill into tank, or weld attachments, or alter its design in any manner.
2. **Substitution of unauthorized non-standard components could weaken tank or cause component failure.** Use only those components furnished with the tank, assembled in accordance with instructions in the service literature.
3. **Damage to the tank or its components could weaken the tank.** Never attempt to repair a damaged tank. Replace it with a new one.
4. **Improper cleaning or maintenance could block air passages to the safety valve, gauge or outlet, allowing pressure to rise to dangerous levels, and preventing the lowering of tank pressure.** Following each use, clean and dry tank and lid in accordance with maintenance instructions. Ensure ports to safety valve, gauge and outlet are free of hardened paint or other materials which could prevent free movement of air.
5. **Tampering with the safety valve could allow tank pressure to rise to dangerous levels.** Never attempt to adjust safety valve to change its pressure setting, or defeat its function in any way. Operate the valve before each use to assure that it functions properly.
6. **Removal of the lid while the tank is under pressure could result in the lid being propelled violently from the tank.** Before releasing clamp force to remove the lid, shut off the supply of tank inlet air and turn the regulator knob counter-clockwise to relieve air pressure. Check by pulling the safety valve ring.
7. **Use of reactive chemicals could attack the lid gasket and safety valve seal, allowing tank pressure to rise to dangerous levels.** Halogenated hydrocarbon solvents, such as trichlorethane and ethylene chloride can chemically react with aluminum. If this reaction occurs within an enclosed structure such as this tank, it may cause explosion. Do not use reactive chemicals in your

tank such as acids, caustic solutions, or halogenated hydrocarbon solvents.

8. **Overtightening clamps, causing them to weaken and fail could result in the lid being propelled violently from the tank.** If the lid gasket leaks, relieve the tank pressure and clean or replace the gasket.

Description

The paint tank can withstand air pressure to a maximum of 80 PSI. This paint tank is equipped with an air regulator, gauge, safety valve and fluid outlet. It is constructed of quality materials for durability. The 10 liter capacity handles many jobs.

Caution: This pressure tank is not designed for use with highly abrasive or corrosive materials or those containing rust. If used with such materials, frequent and thorough cleaning is advised to reduce damage to internal parts.

Assembly

1. Connect the regulator assembly to the swivel adapter on the tank lid. Check bottom of regulator for location of tank connection.
2. Insert the lift handle into the threaded hole in the center of the tank lid. Tighten hex nut.
3. Connect the air supply hose to an air inlet fitting on the tank regulator (right or left side optional.)
4. Attach the atomization air hose to an air outlet fitting which is directly opposite air inlet fitting.
5. Connect material hose to the fluid outlet adapter located on the tank lid.

Using an Air Pressure Regulator on Paint Tank

The pressure regulator on the paint tank regulates the amount of pressure applied to the paint in the paint tank. This controls the pressure of the paint being delivered to the spray gun.

Recommended paint tank pressures

Internal mix guns: Use higher tank pressures up to the full amount of air pressure being delivered to the spray gun.

External mix guns: Use lower tank pressures. Always start with the pressure in the tank at izerof and increase pressure in the tank gradually until the proper spray pattern is obtained.

Important: Before turning on air pressure, completely loosen the regulator T-handle adjusting screw to shut off the air pressure. Turn on the air, then, adjust the regulator to the required pressure (approximately 12 lbs for external-mix guns.) Do not use over 50 lbs pressure in the paint tank. Part of the air from the compressor or airline bypasses pressure regulator through the T-fitting and is delivered to spray gun operation. Therefore an additional pressure regulator will be required between the T-fitting and the spray gun for accurate pressure at the spray gun.

Parts List

NO	DESCRIPTION	QTY	NO	DESCRIPTION	QTY	NO	DESCRIPTION	QTY
01	Air Inlet Plug	1	19	Trigger	1	37	Gauge	1
02	Gun Body	1	20	Trigger Pin	1	38	Regulator	1
03	Washer	1	21	Fluid Nozzle	1	39	Swivel adapter	1
04	O-Ring	1	22	Washer	1	40	Branch tree	1
05	Needle Socket	1	23	Air Cap	1	41	Safety valve	1
06	Fluid Adj.Needle	1	24	Sealing Washer	1	42	Handle	1
07	Regulating Unit	1	25	Direction Screw	1	43	Hex nut	1
08	Spring Core	1	26	Switch Spring	1	44	Street elbow	1
09	Needle Spring	1	27	Switch Lever	1	45	Thumb screw	4
10	Fluid Adj.Screw	1	28	Sealing Washer	1	46	Yoke screw	4
11	AM Screw Plug A	1	29	Switch Seat	1	47	Cotter pin	4
12	AM Block Lo A	1	30	Sealing Ring	1	48	Hinge pin	4
13	O-Ring	1	31	O- ring	1	49	Fluid tude	1
14	Washer	2	32	Fluid Inlet Plug	1	50	Fluid outlet adapter	1
15	Range Spring	1	33	Tank shell assembly	1	51	Inlet Air Hose(orange)	1
16	Pattern Adj.Screw	1	34	Lid gasket	1	52	Fluid Hose(black)	1
17	AM Plug	1	35	Lid assembly	1			
18	Snap Retainer	1	36	Adaptar	3			

Note; Please contact your nearest Supercheap Auto store to order spare parts

Operation

1. Before filling the tank with material, thoroughly mix and strain the paint to remove skins or undissolved particles with might otherwise block the flow of material through the hose and gun. A one gallon of paint can be set inside the tank instead of pouring the paint into the tank.
2. Place lid assembly on tank and hand tighten tank lid clamp screws.
3. Shut off the paint tank regulator by turning T-handle counter-clockwise. Adjust the compressor regulator to obtain the desired air pressure on the spray gun.
4. Now adjust the regulator on the paint tank to obtain the desired air pressure for the material. The higher above the paint tank you are spraying, the more pressure you will need on the material. Normal operating pressure on the paint tank is 25 to 30 PSI. Should you wish to reduce pressure, simply rotate the T-handle adjusting screw counter clockwise until the desired pressure setting is obtained. There is no need to trigger the gun in order to bleed off excess paint pressure.

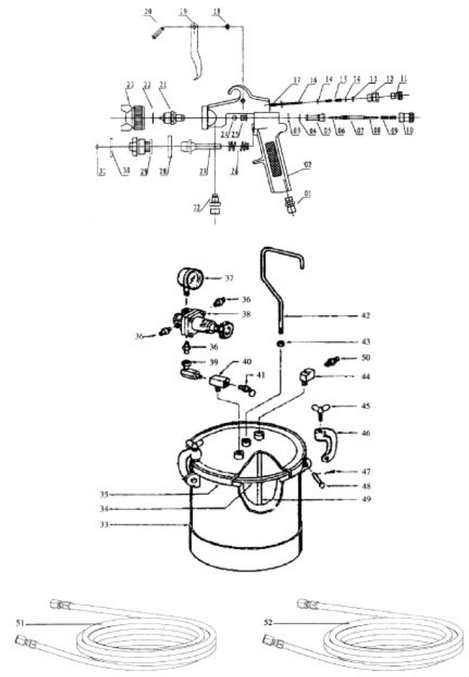
Warning: Do NOT use over 80PSI air pressure in your tank.

Cleaning

Warning: Always shut off air pressure at source and bleed off all pressure in the paint tank by gently pulling safety valve ring before loosening thumb screw and clamps to remove lid.

It is very important that the tank, material hose and spray gun be cleaned as soon as the spray job is finished. Turn off the main air supply to the tank. Remove all pressure from the tank by pulling the ring on the safety valve until the pressure bleeds down. Turn the T-handle adjusting screw on the regulator counter-clockwise until no spring tension is felt.

Loosen thumb screws, tip clamps back and tip tank lid down to one side. Loosen spray gun air cap retaining ring about three turns then turn on the air supply. Cup cloth over air cap on the gun and pull trigger. This will force the material back through the hose, into the tank. Empty and clean tank and parts which come in contact with the material. Use a suitable solvent. Pour solvent into the tank. Replace lid and tighten the thumb screws and clamps and spray until clean solvent appears.

Troubleshooting

Problem	Cause	Solution
Air escaping from port on regulator cap.	Broken or damaged diagram in regulator.	Replace regulator.
Pressure dropping slowly on gauge.	Dirty or worn valve seat in regulator.	Replace regulator.
Fluid or air leak at lid gasket.	Defective lid gasket. Thumb screw bit tight.	Replace lid gasket. Tighten thumb screws.
Gauge not registering air pressure.	Paint not mixed or thinned properly.	Mix or thin paint according to instructions on paint.
Paint in tank tends to settle rapidly.	Defective air gauge.	Replace air gauge.
Safety valve popping off.	Tank pressure too high. Defective safety valve.	Reduce tank pressure to between 20 and 50 PSI. Replace safety valve.