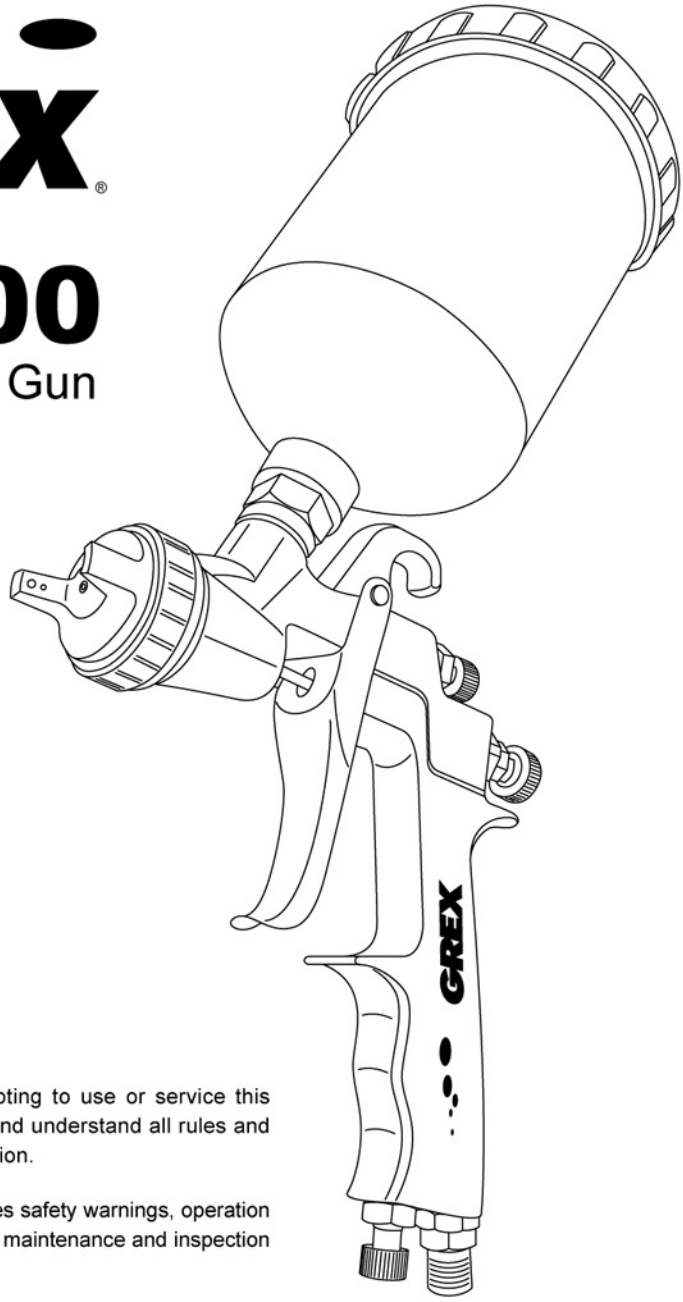
OWNER'S MANUAL

Operating Instructions
Maintenance Information
Safety Instructions

GREX®

X4000

LVLP Spray Gun



CAUTION: Before attempting to use or service this spray gun, carefully read and understand all rules and instructions for safe operation.

NOTE: This manual includes safety warnings, operation instructions, and tips on the maintenance and inspection of this spray gun.

Reference #: GRXX40000912

Congratulations on your purchase of the **Grex X4000**; a multi-purpose, reliable and high performance spray gun designed for the demanding professional. Precision machining and carefully selected materials are employed in the manufacturing process of each spray gun to ensure consistent high performance and adherence to Grex's high quality standards. To maintain your spray gun at its peak performance, proper care and attention to its operation must be observed. Please take the time to read and understand this owner's manual so you can get the most out of your spray gun and ensure long-lasting, reliable operation.

Thank you for choosing Grex.

TABLE OF CONTENTS

1.1 REGISTERING YOUR SPRAY GUN

IMPORTANT: Please fill out and return the enclosed Product Registration Card or register online at www.grexairbrush.com within the next ten days. By registering your spray gun, we will be able to acknowledge the limited warranty offered for your Grex product.

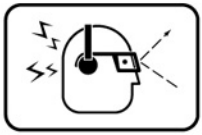
1.2 EMPLOYER'S RESPONSIBILITIES

1. Keep this manual available for use by all people assigned to use this spray gun.
2. Employer must enforce compliance with safety warnings & all instructions contained in this manual.
3. For personal safety & proper operation of this spray gun, read and follow all instructions carefully.
4. Ensure spray gun is used only when operators & others in work area are wearing safety protection.
5. Enforce the use of safety protection, especially safety eyewear, by operators and others in area.
6. Keep spray guns in safe working order and maintain them properly.
7. Ensure that spray guns that require repair are not further used before repair.

IMPORTANT: Save this manual and review it frequently for continuing safe operation.

1.3 SAFETY INSTRUCTIONS

WARNING: Do not attempt to operate this spray gun unless you have read and fully understood all instructions and safety precautions contained in this manual. Failure to comply can result in serious injury to yourself and bystanders.



1. Always wear protective equipment.
Toxic vapors produced by spraying certain materials can create intoxication and serious damage to health. Always wear protective eyewear, breathing protection, gloves, overalls, and safety boots. Noise levels may be a concern; wear ear plugs if necessary.

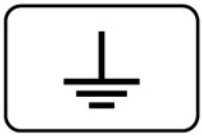
2. Use spray gun in a well ventilated spray booth.
Fluids and solvents sprayed by spray gun can be highly flammable or combustible. Toxic vapors produced by spraying certain materials can create intoxication and serious damage to health.

3. Do not operate spray gun near ignition sources.
Always keep spray gun away from ignition sources, such as open fires, burning cigarettes or electrical hazards.

4. Always limit quantity of spray material.
Always limit solvents, paints or other coating media to the quantities which are required for the job. Excessive material must be returned to the designated storage area afterwards.

1.3 SAFETY INSTRUCTIONS (continued)

5. Never use HALOGENATED HYDROCARBON solvents.
Do not use solvents and cleaning agents based on halogenated hydrocarbons. Chemical reactions may occur with aluminum and zinc parts and potentially cause an explosion.



6. Keep spray equipment and object being sprayed grounded.
To reduce the risk of static sparking, grounding continuity to the spray equipment and object being spray must be maintained.

7. Never spray inappropriate foods or chemicals though the spray gun.
Never spray materials containing acid, alkaline or benzene.

8. Follow all local safety and environmental regulations.
Local safety, accident prevention, work and environmental protection regulations are mandatory. Follow accordingly for material being sprayed.

9. Use only clean, dry, regulated compressed air.
Do not operate the spray gun on oxygen, carbon dioxide, combustible gases or any other bottled gases; the spray gun will explode and cause serious injury.

10. Operate within the proper air pressure range.
Do not exceed the maximum recommended air pressure of 60 psi (4.1 bar) and never connect the spray gun to air pressure which potentially exceeds 150 psi (10.3 bar) as the spray gun can burst.

11. Use the correct type of air hose.
Air hose must have a minimum working pressure rating of 150 psi (10.4 bar) or 150% of the maximum pressure produced in the system, whichever is higher.

12. Only connect air hose when actively operating spray gun.
Disconnect spray gun from air before performing any maintenance, leaving work area, moving spray gun to another location, or handing the spray gun to another person.

13. Inspect spray gun condition and maintain with care.
Never use spray gun if parts are damaged or missing, leaks air or needs repair. Make sure all screws are securely tightened. Keep spray gun clean and maintained for better and safer performance.

14. Never modify or alter the spray gun.
Doing so may cause it to malfunction and personal injuries may result.

15. Never point spray gun toward yourself or anyone else.
Keep spray gun pointed away from yourself and others at all times. Never engage in horseplay with your spray gun. Respect your spray gun as a working implement.

1.3 SAFETY INSTRUCTIONS (continued)

16. Handle spray gun carefully and correctly.
Operate spray gun according to this manual. Never allow spray gun to be operated by children, individuals unfamiliar with its operation or unauthorized personnel. Do not drop spray gun or strike the spray gun against hard surfaces; and do not scratch or engrave signs on the spray gun. Doing so may result in cracks on the spray gun surface, which can be extremely dangerous because of the high pressures. Never carry spray gun by the air hose.

17. Keep visitors away.
Do not let visitors handle the spray gun. All visitors should be kept safely away from the work area.

18. Dress properly.
Be sure not to wear clothing or jewelry that may be caught in moving parts. Rubber gloves and non-slip footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.

19. Keep work area clean.
Cluttered areas invite injuries. Clear work areas free of unnecessary tools, debris, equipment, etc.

20. Stay alert.
Watch what you are doing. Use common sense. Do not operate spray gun when tired, or under the influence of alcohol, drugs, or medication that causes drowsiness.

21. Keep idle spray gun in storage.
When not in use, spray gun should be kept in dry, and high or locked-up places.

22. Never use spray gun for applications other than those specified in this manual.
Using spray gun for applications other than those intended for may harm the spray gun, cause personal injury to operator and injury to bystanders.

23. Use only parts and accessories supplied or recommended by GREX.
Unauthorized parts or accessories may void your warranty and can lead to malfunction and resulting injuries. Do not modify the spray gun without written approval from GREX.

2.1 TECHNICAL SPECIFICATIONS

Family Model No.	X4000	**Operating Pressure**	1 ~ 2 bar (15 ~ 28 psi)
Feed Type	Top Gravity	**Air Consumption**	270 lpm (9.5 cfm)
Cup Capacity	20.3 fl oz (600cc)	**Fluid Inlet Size**	M16*1.5P
Weight	1.15 lbs. (514g)	**Air Inlet**	1/4" NPS

2.2 SPRAY SPECIFICATIONS

Model No.	Nozzle Size	Fluid Output	Pattern Width
X4000.12	1.2 mm	130 cc/min	300 mm (11.8")
X4000.13	1.3 mm	140 cc/min	300 mm (11.8")
X4000.14	1.4 mm	150 cc/min	310 mm (12.2")

2.3 OPTIONAL NOZZLE KITS

Optional nozzle kits are available to convert your X4000 to any of the following nozzle sizes. Nozzle kits are also often used as a maintenance rebuild kit to maintain the ongoing performance of your spray gun.

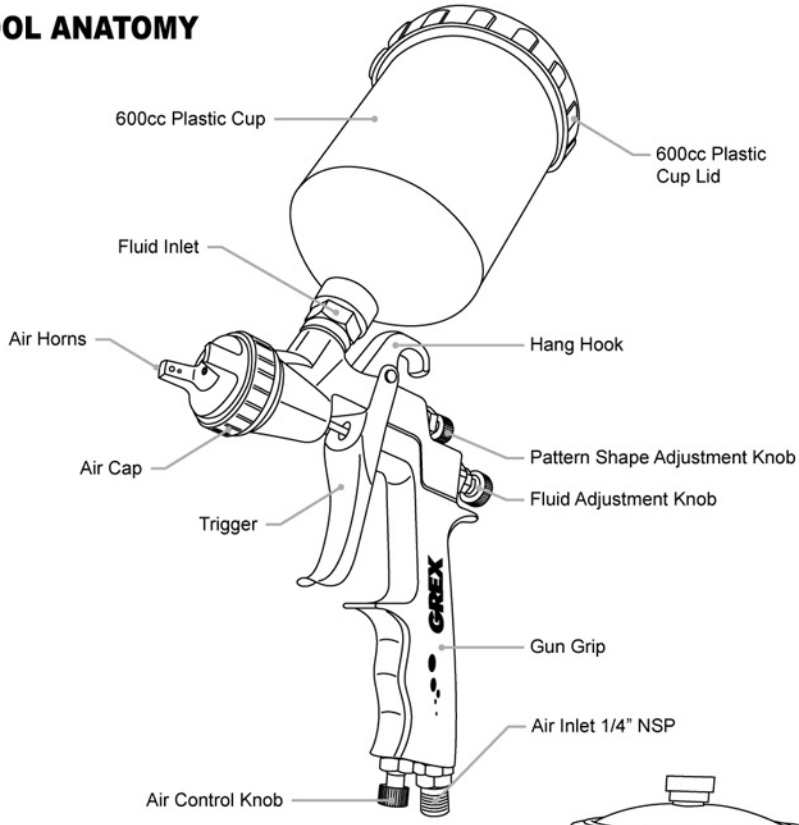
Model No.	Nozzle Size	Fluid Output	Pattern Width
X40NS.10	1.0 mm	110 cc/min	290 mm (11.4")
X40NS.12	1.2 mm	130 cc/min	300 mm (11.8")
X40NS.13	1.3 mm	140 cc/min	300 mm (11.8")
X40NS.14	1.4 mm	150 cc/min	310 mm (12.2")
X40NS.16	1.6 mm	180 cc/min	320 mm (12.6")
X40NS.18	1.8 mm	200 cc/min	320 mm (12.6")

* Nozzle kits include a matching set of **Air Cap**, **Fluid Needle** and **Fluid Nozzle**.

2.4 SUGGESTED APPLICATIONS

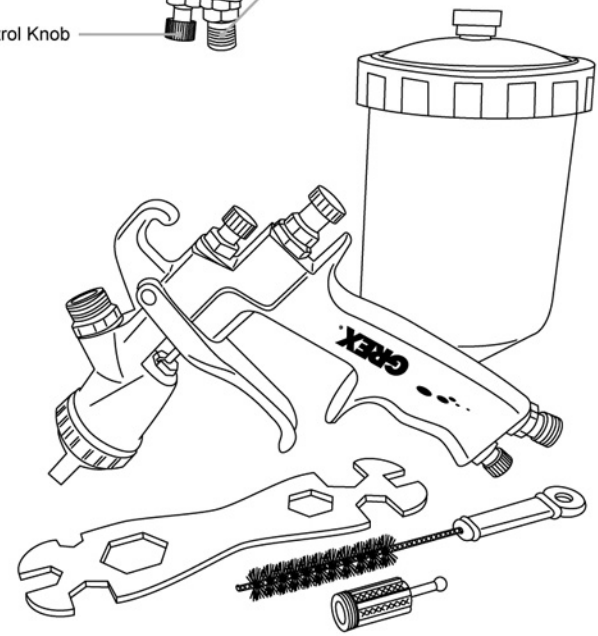
Woodwork, Furniture, Metal, Auto Custom Graphics, Automotive Finishing and Refinish, Touch-ups, Base Coats, Top Coats, Sealers, Primers, Clears, Pearls, Murals, Ceramics, Fine Art, Crafts, Taxidermy, Sign Painting and applications requiring large area coverage with superior atomization.

2.5 TOOL ANATOMY



2.6 KIT CONTENTS

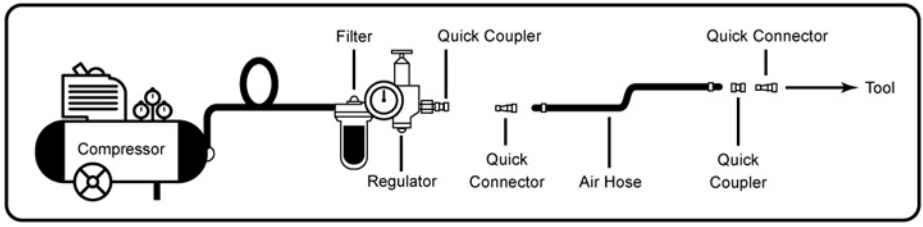
- **Grex X4000 LVLP Spray Gun**
- **600cc Plastic Cup and Lid**
- **Particle Filter**
- **Multi-Wrench**
- **Cleaning Brush**
- **Owner's Manual**
  with Parts Diagram and Product Warranty Card



3.0 COMPRESSED AIR SYSTEM

Choosing an appropriate air compressor that can supply sufficient pressure for your X4000 spray gun insures optimal operation and performance. Working pressures vary from 15 to 28 psi, depending on the type of work being done and what textures are desired. In general, higher pressures are needed to take full advantage of the versatile spray characteristics of the spray gun. Viscosity of the paint also effects which pressures are ideal. In general, larger volumes and/or thicker paints require higher pressures. An inline regulator is suggested for fine tuning air pressures at the spray gun for proper use.

NOTE: The following illustration shows the ideal mode of connection to the compressed air system which will increase the efficiency and useful life of your spray gun.



1. Power Source

- Use clean, dry, regulated compressed air as a power source for the spray gun.
- Air compressors used to supply air to this spray gun must comply with the requirements of the latest version of ANSI Standard B 19.3 "Safety Standard For Compressors For Process Industries".
- Moisture or oil in the air compressor may accelerate wear and corrosion in the spray gun.
- Never use oxygen, combustible gases or any other bottled gases.

2. Filter-Regulator

» Filter The filter removes moisture and dirt mixed in the compressed air.
Drain daily unless fitted with an automatic drain.
Keep the filter clean by regular maintenance.

» Regulator Use a regulator with a pressure range of 0-120 psi (0-8.3 bar).
The regulator controls the operating pressure for safe operation of the spray gun.
Inspect the regulator before operation to be sure it operates properly.

3. Air Hose

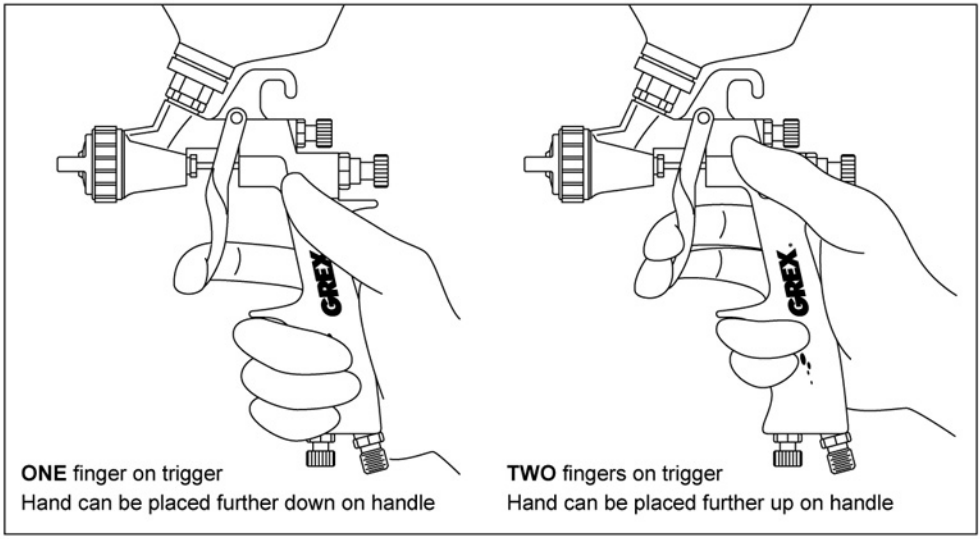
Air hose must have a minimum working pressure rating of 150 psi (10.4 bar, 10.6 kgf/cm^2) or 150% of the maximum pressure produced in the system, whichever is higher. Make sure the air hose has an inside diameter of at least 8mm (0.315") so the spray gun can have the correct air volume to atomize at 0.7 bar (10 psi) inside the air cap.

4. Hose Coupling

Install a 1/4" female NPT air fitting with male quick connect plug at the air inlet of the spray gun. A matching female coupler must be installed on the air hose. The hose coupling (male-female coupler) must remove all pressure from the spray gun when disconnected. Never use a non-relieving coupler on the spray gun. Make sure the air connectors and couplers are of the same style, either automotive or industrial. (Both types look similar but are not compatible.)

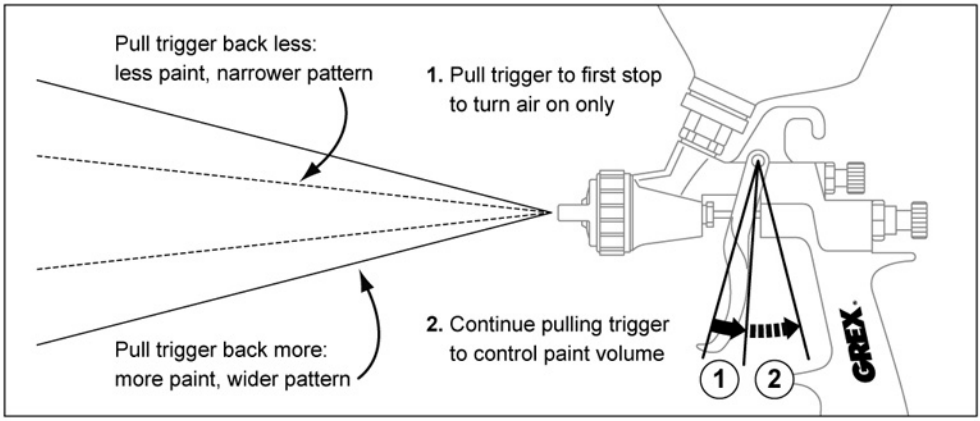
4.1 HOLDING YOUR SPRAY GUN

Here are the two most common methods to hold the spray gun. Which method to choose is purely based on personal preference.



4.2 TRIGGER OPERATION

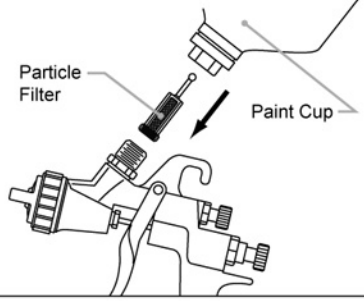
The trigger controls both air flow and paint volume with a **TWO** stage action. Slowly pull trigger back until you reach a light stop. Up to this point, only the air is turned on. Further pulling back on the trigger through the second stage will allow paint to be sprayed. The further back the trigger is pulled, the more paint will be sprayed. How far the trigger can be pulled is set by using the **Fluid Adjustment Knob**. See section 4.9 on page 11



4.3 BEFORE EACH USE

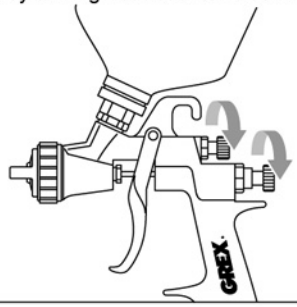
IMPORTANT: It is strongly recommended that you use air filters, moisture traps and pressure regulators as part of your spray gun system. Having clean, dry air enables optimal performance, provides hassle-free maintenance and prolongs the life of your spray gun.

Insert particle filter into spray gun fluid inlet and securely attach paint cup.



1

Fully open the Pattern and Air Adjustment Knobs by turning both counter-clockwise.



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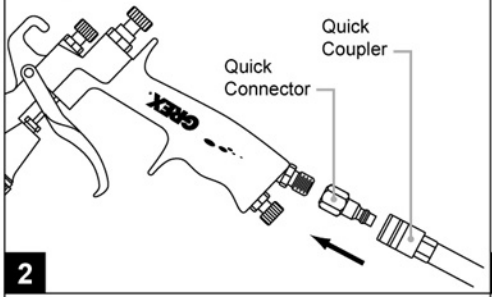
Securely attach air connector to spray gun air inlet and connect air hose.



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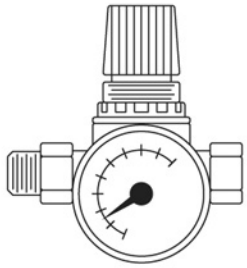
Fully pull on trigger and adjust air pressure at regulator to 1.0 ~ 1.1bar (14 ~ 16 psi) *



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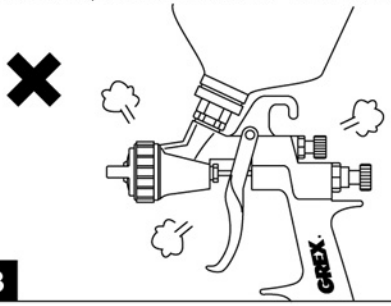
Check to make sure there are no air leaks. If air leaks, refer to section 7.0 Troubleshooting.



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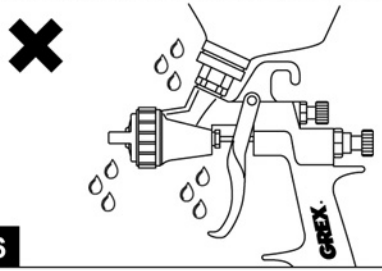
Fill paint cup with 100cc of cleaning solvent. Check to make sure there are no fluid leaks. If leaking, refer to section 7.0 Troubleshooting.



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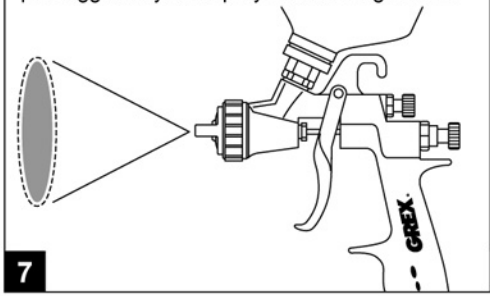
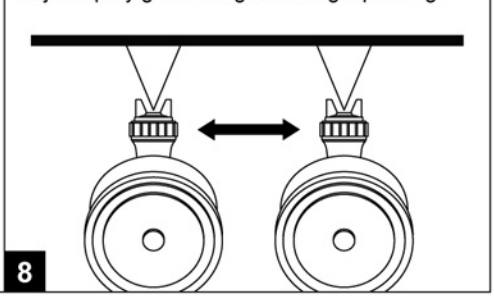
* Setting air pressure to 1.0 ~ 1.1 bar (14 ~ 16 psi) at the air inlet will atomize paint at 0.7 bar (10 psi) inside the air cap. Adjust air pressure according to paint type and spray characteristic desired.

4.3 BEFORE EACH USE (continued)

Point spray gun away from yourself or anyone, pull trigger fully and spray out cleaning solvent



Proceed to following sections to properly adjust spray gun settings and begin painting



4.4 PAINT PREPARATION

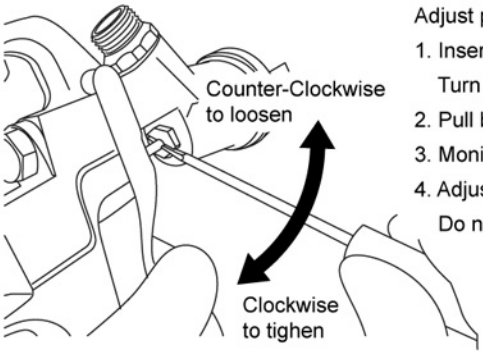
Your Grex spray gun comes standard with Teflon packings and seals which allows most paints to be used. This includes, but is not limited to, lacquers, urethanes, food dyes, acrylics, textile paints and makeup.

Proper paint preparation is needed for best performance. Paint must be reduced using the proper solvent (manufacturer recommended) and mixed thoroughly. Always filter the paint through a fine nylon mesh to remove clumps and chunks that can disrupt consistent spray and block the minute passageways in the spray gun.

It is best to prepare the paint relatively thin and make repeated passes across the work to achieve the desired shade. This will also improve the quality of your work and decrease the cleaning time of your spray gun.

IMPORTANT: Always wear protective gear and clothing. Work in a well ventilated area, especially when using solvent based paints. Follow all safety instructions that come with your paint and use the reducer recommended by the paint manufacturer.

4.5 ADJUSTING PACKING SCREW

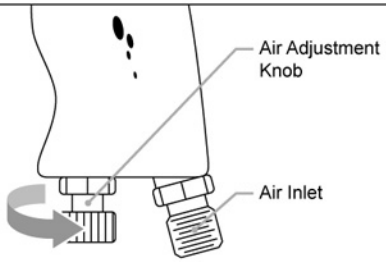


Adjust packing screw for smooth movement of fluid needle.

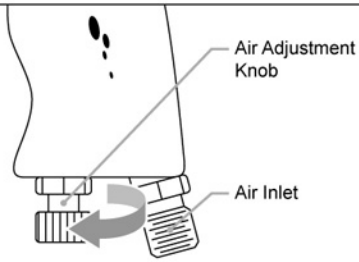
1. Insert small flat head screwdriver into slot of screw.
   Turn counter clockwise to loosen. Clockwise to tighten.
2. Pull back and hold trigger and then release.
3. Monitor how fluid needle moves forward.
4. Adjust packing screw until fluid needle moves smoothly.
   Do not over loosen as this will cause paint to leak out.

4.6 AIR CONTROL KNOB

The Air Control Knob adjusts air pressure supplied to air cap for paint atomization. Higher pressures provide better paint atomization. Typically, knob is turned fully counter-clockwise for max air pressure.

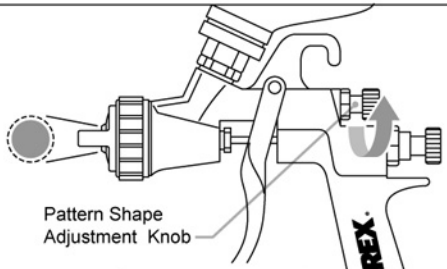


Turn Air Control Knob **ClockWise** to **Decrease** air pressure

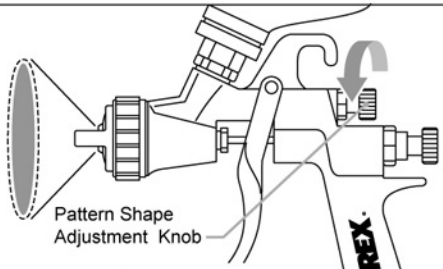


Turn Air Control Knob **Counter-Clockwise** to **Increase** air pressure

4.7 PATTERN SHAPE ADJUSTMENT KNOB

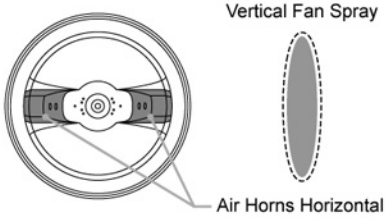


Turn Pattern Shape Adjustment Knob fully **Clockwise** for a **Round** pattern

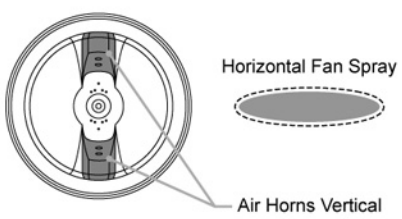


Turn Pattern Shape Adjustment Knob fully **Counter-Clockwise** for a **Fan** pattern

4.8 PATTERN ANGLE ADJUSTMENT



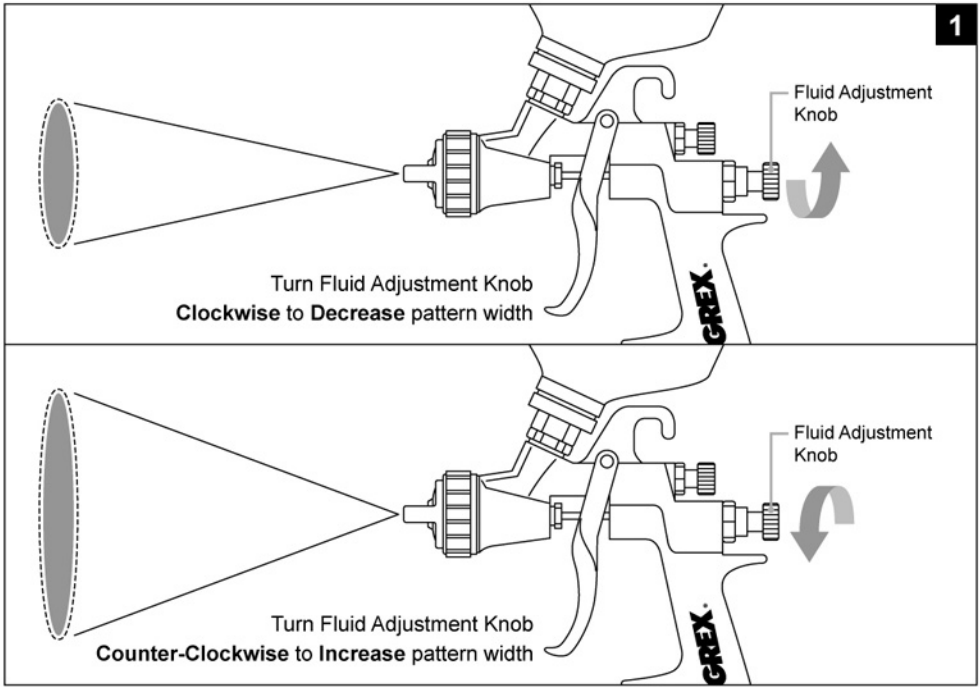
Rotate Air Cap until the **Air Horns** are aligned in a **horizontal** position for a **vertical fan** spray

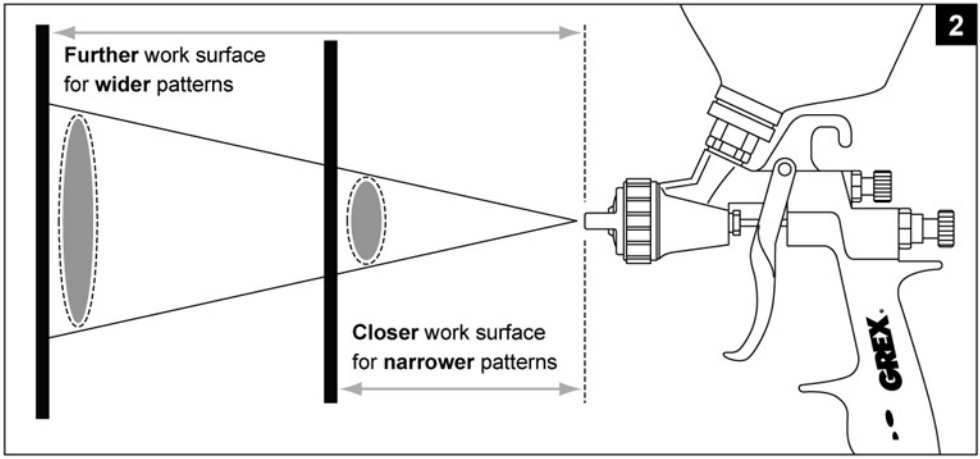


Rotate Air Cap until the **Air Horns** are aligned in a **vertical** position for a **horizontal fan** spray

4.9 PATTERN WIDTH ADJUSTMENT

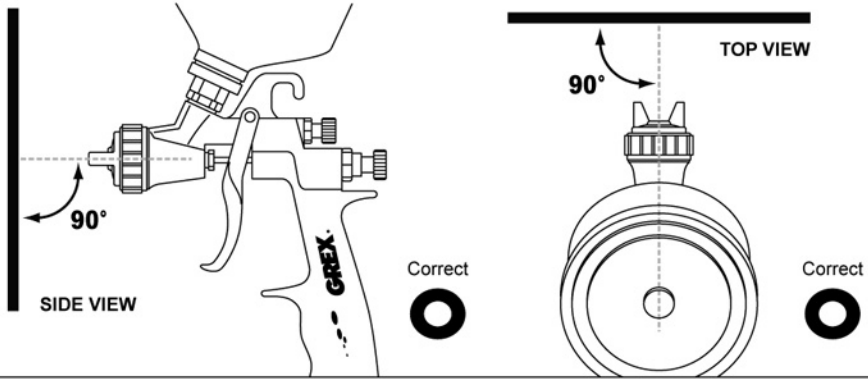
Pattern widths produced by the spray gun can be set by adjusting the distance the gun is held from the work surface and adjusting the **Fluid Adjustment Knob** on the rear of the spray gun. Turning the knob clockwise restricts the amout of fluid sprayed and creates a smaller pattern, while turning the knob counter-clockwise increases the amount of fluid sprayed to create a wider pattern.



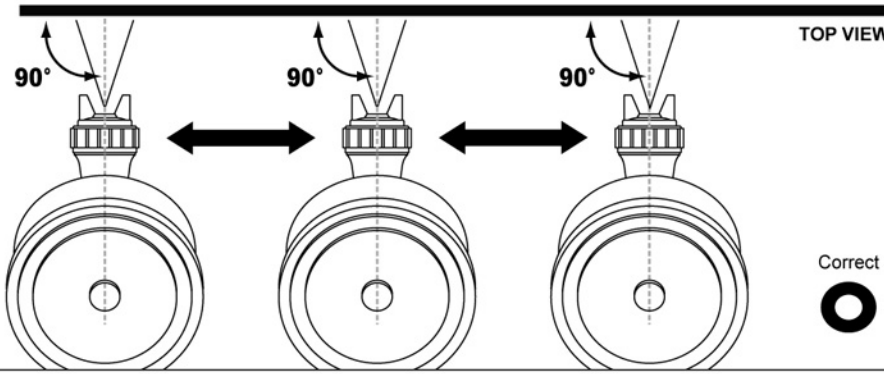


4.10 MODE OF OPERATION

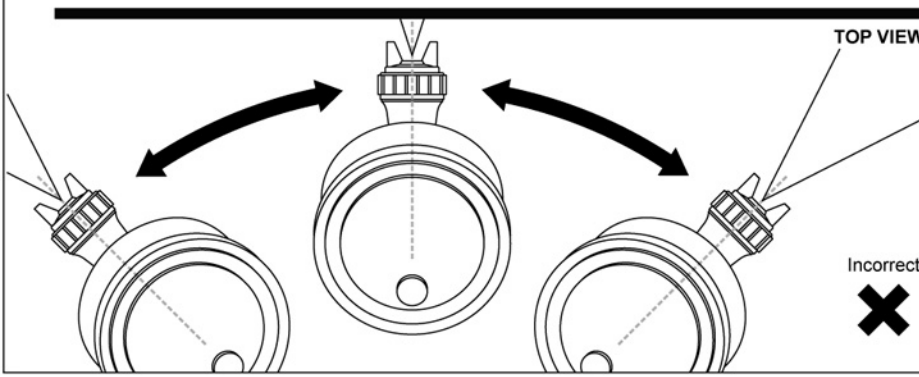
The spray gun should be held so that it is **perpendicular** to the work surface at all times



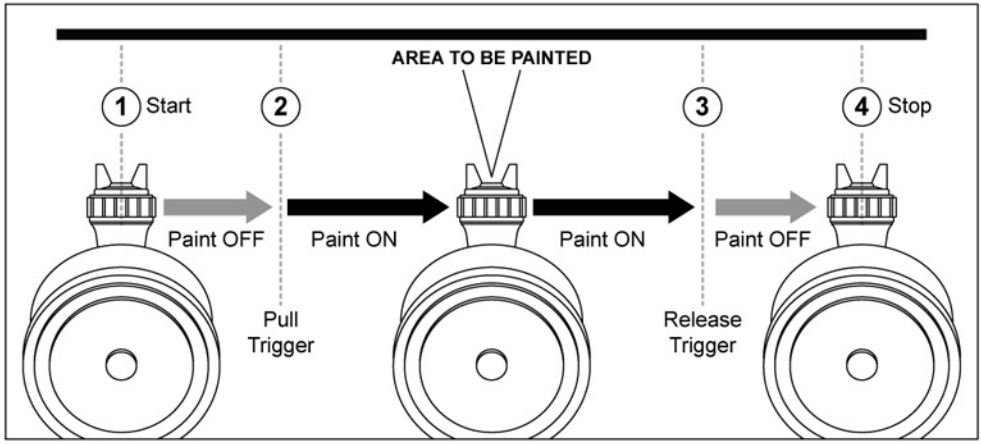
Move spray gun across in a straight line **perpendicular** to the surface at a constant distance.



DO NOT move spray gun across in an arcing pattern. Arcing can cause uneven painting.



4.10 MODE OF OPERATION (continued)



To prevent excessive overlapping and to achieve even spray coverage, begin and end spraying while moving spray gun across surface.

1. Start by positioning spray gun off to the side of the area to be painted. Do not pull on trigger yet. Slowly move spray gun into the area to be painted.
2. As soon as the spray gun is in front of the area to be painted, fully pull on the trigger to spray paint. Keep moving spray gun across the surface.
3. As soon as spray gun reaches the end of the area to be painted, release trigger to stop spraying.
4. Continue to move the spray gun until it passes the area to be painted.
5. Move the spray gun to the next area to be sprayed and repeat this process.

4.11 CHANGING COLORS

1. Empty out remaining paint in the cup and spray out any excess paint
2. Wipe off as much residual paint as possible with a paper towel
3. Fill paint cup with cleaning solution or solvent
4. Spray at a heavy spray setting into waste container
5. Repeat rinse and spray until spray gun is flushed free of color
6. Fill paint cup with next color

4.12 CLEARING BLOCKAGES

Blockages caused by dried paint are the biggest problem when using a spray gun. Any time the spray gun becomes clogged, increase the air pressure and spray appropriate cleaning solution through the spray gun for a short period of time.

5.0 MAINTENANCE

Your X4000 spray gun is a durable precision instrument and as with any precision instrument it is susceptible to damage if handled improperly. It is essential to take care to prevent damaging the components of this spray gun in order to assure its peak performance during its lifetime. Proper maintenance of the X4000 spray gun demands appropriate cleaning and requires correctly replacing and adjusting the parts. Daily and thorough maintenance of your spray gun will result in spraying that is smooth, consistent and hassle-free.

WARNING: Disconnect the air hose and remove alll fluids from your spray gun before disassembling or servicing. Do not perform maintenance to your spray gun unless you have received adequate knowledge and training about the equipment.

5.1 SPRAY GUN CLEANING

Never leave paint remaining in spray gun. Always empty paint out of the spray gun when it's not used for long periods of time and spray appropriate cleaning solution until spray gun is flushed free of color.

It is only necessary to clean areas of the spray gun which come in contact with paint, namely the paint cup, the fluid nozzle, fluid needle and air cap set. It is not necessary to dismantle the entire spray gun. Follow the procedures below at the end of every session to thoroughly clean your spray gun.

CAUTION: To protect the interace between the fluid needle and nozzle, always remove fluid nozzle first before removing the fluid needle. Or keep the fluid needle pulled back with the trigger to remove the fluid nozzle first.

1. Follow cleaning procedures outlined in section "4.2 Changing Colors" on page 13
2. Empty and/or spray out any remaining fluid in the spray gun
2. Unscrew paint cup and clean both the interior and exterior of the paint cup
3. Remove and clean the fluid needle
   A. Fully unscrew the Fluid Adjustment Knob and remove the fluid needle spring
   B. Then carefully pull the fluid needle out
   C. Wipe the fluid needle clean with the appropriate solvent
4. Unscrew and clean the air cap set, making sure to remove an blockages from the air holes
5. Remove and clean the fluid nozzle
   A. Unscrew the the fluid nozzle using the included wrench with your spray gun kit
   B. Wipe the exterior and interior of the fluid nozzle clean with the appropriate solvent
6. Carefully clean the spray gun paint passageway and fluid inlet with a cleaning brush
7. Remove and clean any paint found on the spray gun body and trigger area
8. Before re-assembling the spray gun, apply a light coat of lubrication to the fluid needle

When re-assembling your spray gun, make sure parts are carefully replaced and adjusted in their designated positions. Failure to align parts correctly will prevent spray gun from functioning properly.

CAUTION: Never soak entire spray gun in any solvent or cleaning solution to avoid damaging o-rings and seals. Only use genuine Grex replacement parts. Be very careful not to damage the air cap holes, the fluid nozzle and fluid needle.

5.2 LUBRICATION

CAUTION: Do not use light machine oil or WD-40 for lubrication. Doing so will cause the needle to stick as it moves through the needle packing.

To insure smooth operation, lubricate the needle and trigger mechanism regularly. Periodically remove the fluid needle and coat with high quality lubricant. Several drops of lube should also be placed into the trigger slot of the spray gun body to lube the trigger mechanism.

CAUTION: Do not over-lubricate the needle. Doing so may transfer excess lube into the nozzle causing severe paint flow problems.

5.3 REPLACEMENT PARTS

CAUTION: If it is necessary to disassemble the spray gun, DO NOT use pliers. In most cases, no tools are required except those provided in the kit. Make sure spray gun is emptied of all paint and fluids before replacing parts.

Even though Grex spray guns are manufactured with precision machining and high quality materials, several parts require replacement due to normal wear and tear. These include the fluid nozzle, fluid needle, air cap, o-rings and seals.

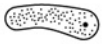
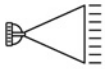
Fluid Nozzle – Grex fluid nozzles are machined from stainless steel and designed with large robust threads for securely attaching to the spray gun. Before replacing the fluid nozzle, be sure that the needle is slightly pulled back in the spray gun. Remove the air cap, then carefully unscrew the fluid nozzle using the wrench supplied with your kit. Replace with a new fluid nozzle and reassemble the spray gun. Do not over tighten any parts of the spray gun.

Fluid Needle – Grex needles are made of precision ground and hardened stainless steel and will withstand prolonged use. Any small deformations to the needle tip will compromise the performance of the spray pattern. To access the fluid needle, fully unsrew and remove the Fluid Adjustment Knob from the spray gun. Pull the existing fluid needle out from the back of the spray gun, then insert the new fluid nozzle and re-assemble the Fluid Adjustment Knob.

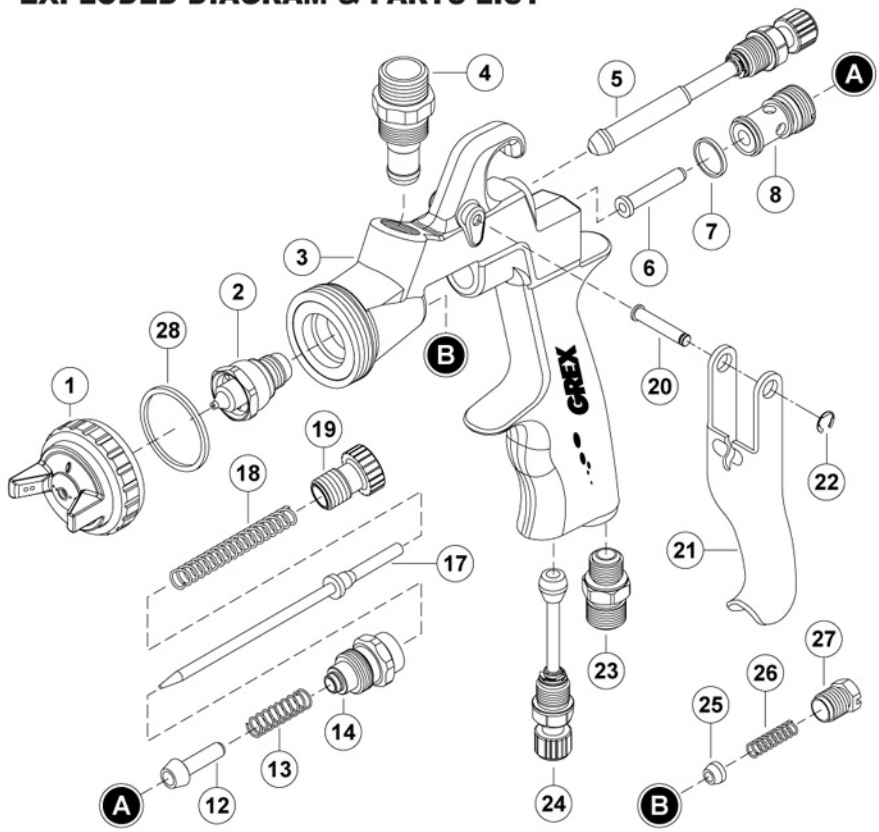
Air Cap – The position and size of all the air openings on the air cap are critical to accurately directing the air flow for optimal paint atomization and transfer efficiency. If any of these air holes are severaly blocked, damaged or altered, it will compromise the performance of the spray pattern. To replace the Air Cap, simply unscrew from the spray gun and re-assemble with new air cap.

NOTE: It is recommended to change the fluid needle at the same time to insure even wear.

6.0 TROUBLESHOOTING

Symptom	Possible Cause	Remedy
Fluttering 	Air enters between fluid nozzle threads and tapered seat of gun body.	Tighten fluid nozzle. Replace fluid nozzle if damaged. Remove fluid nozzle to clean seat.
	Air is suctioned from fluid needle packing.	Tighten fluid needle packing. Replace fluid needle packing if damaged.
Crescent 	Paint buildup on air cap partially clogs horn holes resulting in different air pressures from both horns.	Remove obstructions from horn holes. Do not use metal objects to clean as they can damage the horn holes.
Inclining 	Paint buildup on air cap partially clogs horn hole or air cap center hole, or causes damage to air cap.	Remove and/or clean obstructions. Replace air cap if damaged.
	Loose fluid nozzle.	Tighten fluid nozzle. Remove fluid nozzle to clean seat.
Split 	Paint viscosity too low.	Add paint to increase viscosity.
	Fluid output too high.	Adjust fluid or pattern adjustment knob.
Heavy Center 	Paint viscosity too high.	Reduce paint viscosity.
	Fluid output too low.	Increase fluid output.
Spit 	Fluid nozzle and fluid needle are not seated properly.	Clean or replace fluid nozzle and fluid needle.
	Paint buildup inside air cap set.	Clean air cap set.
Air leaks from air cap center hole	Air valve not seated properly	Clean air valve seat. Replace air valve spring. Replace air valve o-ring. Replace air valve if damaged.
Paint leaks from tip of fluid nozzle	Fluid needle not seated properly into fluid nozzle	Re-seat fluid needle into fluid nozzle. Clean fluid needle and nozzle seat.
Paint leaks from behind fluid needle packing seal	Loose packing seal.	Tighten packing seal.
	Damaged packing seal.	Replace packing seal.
Paint does not flow but air flows	Fluid adjustment knob not opened.	Adjust fluid adjustment knob to open.
	Tip of fluid nozzle clogged.	Clean and unclog fluid nozzle tip.
	Clogged paint filter.	Clean and unclog paint filter. Replace paint filter.
Air bubbles in paint cup	Loose air cap.	Tighten air cap by hand.
	Air cap center hole is clogged.	Clean air cap center hole.
	Packing seal not sealing properly.	Tighten packing seal. Replace packing seal if damaged

7.0 EXPLODED DIAGRAM & PARTS LIST



No.	Part No.	Part Description	No.	Part No.	Part Description
1	X4001.10	Air cap set, 1.0	12	X4012	Air valve
	X4001.12	Air cap set, 1.2	13	X4013	Air valve spring
	X4001.13	Air cap set, 1.3	14	X4014	Fluid adjustment guide set
	X4001.14	Air cap set, 1.4	17	X4017.10	Fluid needle, 1.0, 1.2
	X4001.16	Air cap set, 1.6		X4017.13	Fluid needle, 1.3, 1.4, 1.6
	X4001.18	Air cap set, 1.8		X4017.18	Fluid needle, 1.8
2	X4002.10	Fluid nozzle, 1.0	18	X4018	Fluid needle spring
	X4002.12	Fluid nozzle, 1.2	19	X4019	Fluid adjustment knob
	X4002.13	Fluid nozzle, 1.3	20	X4020	Trigger pin
	X4002.14	Fluid nozzle, 1.4	21	X4021	Trigger
	X4002.16	Fluid nozzle, 1.6	22	X4022	E-Clip
	X4002.18	Fluid nozzle, 1.8	23	X4023	Air inlet
3	X4003	Spray gun body	24	X4024	Air control set
4	X4004	Fluid inlet	25	X4025	Needle packing
5	X4005	Pattern adjustment set	26	X4026	Spring
6	X4006	Air valve shaft	27	X4027	Needle packing screw
7	X4007	Teflon seal	28	X4028	Air cap Teflon seal
8	X4008	Air valve seal set			

Grex Airbrush Six Year Limited Warranty

All Grex spray guns are warranted against manufacturing defects of material or workmanship for a period of SIX year from the original date of purchase. This warranty does not cover fluid needles, fluid nozzles, needle packings, o-rings and seals since these parts need to be replaced occasionally due to normal wear. Any parts of the product covered under this warranty will be repaired or replaced at our option, which after examination proves to be defective in workmanship or material during the warranty period. Proof of purchase may be required.

This warranty does not apply to repair or replacement parts required due to misuse, abuse, normal wear and tear or repairs and alterations attempted. In no event shall Grex be liable for any indirect, incidental, or consequential damage from the sales or use of this product. This disclaimer applies both during and after the term of this warranty.

This is the only warranty and our company makes no warranties express or implied, including merchantability and fitness for a practical purpose, after the SIX year term of this warranty.

This limited warranty gives you specific rights and you may also have other rights, which vary from state to state.

GREX

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