

# GMAX<sup>™</sup> II 3900/5900/5900HD/5900 Convertible/7900 TexSpray 5900HD Convertible/7900HD Airless Sprayers

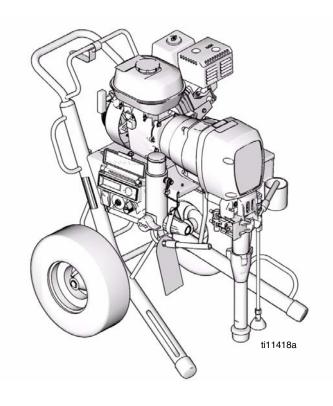
310892F

- For Portable Airless Spraying of Architectural Coatings and Paints - 3300 psi (22.8 MPa, 228 bar) Maximum Working Pressure



### Read warnings and instructions

	GMA	X II 3900						
248683		✓	✓					
248684	✓		✓					
248685		<b>√</b>	✓					
248686	✓		✓					
	GMAX II 5900							
248687		✓	✓					
248688	✓		✓					
248689		✓	✓					
248690	✓		✓					
	GMAX	II 5900HD						
248699	✓		✓					
	GMAX II 59	00 Convertible	е					
248691	✓		✓					
248692	✓		✓					
248693	✓		✓					
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248697		✓	✓					
248889	<b>\</b>		<b>✓</b>					
248890		1	✓					
	GMA	X II 7900						
248700		✓	<b>✓</b>					
248701	<b>√</b>		√ √					
248702		<b>√</b>	<b>√</b>					
248703	✓		✓					
		0 HD Convert						
255630	✓		✓					
255631	<b>✓</b>		✓					
255954	✓		✓					
TexSpray 7900 HD								
255632	✓		✓					





310893



311861



310894



309640



# **Manual Conventions**



Hazard Symbol

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

Warnings in the instructions usually include a symbol indicating the hazard. Read the general **Warnings** section for additional safety information.

### **CAUTION**

**CAUTION:** a potentially hazardous situation which, if not avoided, may result in property damage or destruction of equipment.

### **Note**



Additional helpful information.

### Warning

The following warnings include general safety information for this equipment. Further product specific warnings may be included in the text where applicable.

### **A** WARNING



#### FIRE AND EXPLOSION HAZARD

Flammable fumes, such as solvent and paint fumes, in **work area** can ignite or explode. To help prevent fire and explosion:

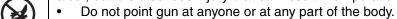


- Use equipment only in well ventilated area.
- Do not fill fuel tank while engine is running or hot; shut off engine and let it cool. Fuel is flammable and can ignite or explode if spilled on hot surface.
- When flammable liquid is sprayed or used for flushing or cleaning, keep sprayer at least 20 feet (6 m) away from explosive vapors.
- Eliminate all ignition sources; such as pilot lights, cigarettes, portable electric lamps, and plastic drop cloths (potential static arc).
- Keep work area free of debris, including solvent, rags and gasoline.
- Do not plug or unplug power cords, or turn power or light switches on or off when flammable fumes are present.
- Ground equipment and conductive objects in work area. See **Grounding** instructions.
- Use only grounded hoses.
- Hold gun firmly to side of grounded pail when triggering into pail.
- If there is static sparking or you feel a shock, **stop operation immediately.** Do not use equipment until you identify and correct the problem.



### **INJECTION HAZARD**

High-pressure fluid from gun, hose leaks, or ruptured components will pierce skin. This may look like just a cut, but it is a serious injury that can result in amputation. **Get immediate surgical treatment.** 



- Do not put your hand over the spray tip.
- Do not stop or deflect leaks with your hand, body, glove, or rag.
- Do not spray without tip guard and trigger guard installed.
- Engage trigger lock when not spraying.
- Follow Pressure Relief Procedure in this manual, when you stop spraying and before cleaning, checking, or servicing equipment.



### PRESSURIZED EQUIPMENT HAZARD

Fluid from the gun/dispense valve, leaks, or ruptured components can splash in the eyes or on skin and cause serious injury.

- Follow **Pressure Relief Procedure** in this manual, when you stop spraying and before cleaning, checking, or servicing equipment.
- Tighten all fluid connections before operating the equipment.
- Check hoses, tubes, and couplings daily. Replace worn or damaged parts immediately.



### **ELECTRIC SHOCK HAZARD**

Improper grounding, setup, or usage of the system can cause electric shock.

- Turn off and disconnect power cord before servicing equipment.
- Use only grounded electrical outlets.
- Use only 3-wire extension cords.
- Ensure ground prongs are intact on sprayer and extension cords.



### **MOVING PARTS HAZARD**

Moving parts can pinch or amputate fingers and other body parts.

- Keep clear of moving parts.
- Do not operate equipment with protective guards or covers removed.
- Pressurized equipment can start without warning. Before checking, moving, or servicing equipment, follow the **Pressure Relief Procedure** in this manual. Disconnect power or air supply.

### **MARNING**



### **EQUIPMENT MISUSE HAZARD**

Misuse can cause death or serious injury.

- Do not exceed the maximum working pressure or temperature rating of the lowest rated system component. See **Technical Data** in all equipment manuals.
- Use fluids and solvents that are compatible with equipment wetted parts. See **Technical Data** in all
  equipment manuals. Read fluid and solvent manufacturer's warnings.
- Check equipment daily. Repair or replace worn or damaged parts immediately.
- Do not alter or modify equipment.
- For professional use only.
- Use equipment only for its intended purpose. Call your Graco distributor for information.
- Route hoses and cables away from traffic areas, sharp edges, moving parts, and hot surfaces.
- Do not use hoses to pull equipment.
- Comply with all applicable safety regulations.



### PRESSURIZED ALUMINUM PARTS HAZARD

Do not use 1,1,1-trichloroethane, methylene chloride, other halogenated hydrocarbon solvents or fluids containing such solvents in pressurized aluminum equipment. Such use can cause serious chemical reaction and equipment rupture, and result in death, serious injury, and property damage.

### **SUCTION HAZARD**

Never place hands near the pump fluid inlet when pump is operating or pressurized. Powerful suction could cause serious injury.



#### **CARBON MONOXIDE HAZARD**

Exhaust contains poisonous carbon monoxide, which is colorless and odorless. Breathing carbon monoxide can cause death. Do not operate in an enclosed area.



### TOXIC FLUID OR FUMES HAZARD

Toxic fluids or fumes can cause serious injury or death if splashed in the eyes or on skin, inhaled, or swallowed.

- Read MSDS's to know the specific hazards of the fluids you are using.
- Store hazardous fluid in approved containers, and dispose of it according to applicable guidelines.



### **BURN HAZARD**

Equipment surfaces and fluid that's heated can become very hot during operation. To avoid severe burns, do not touch hot fluid or equipment. Wait until equipment/fluid has cooled completely.



### PERSONAL PROTECTIVE EQUIPMENT

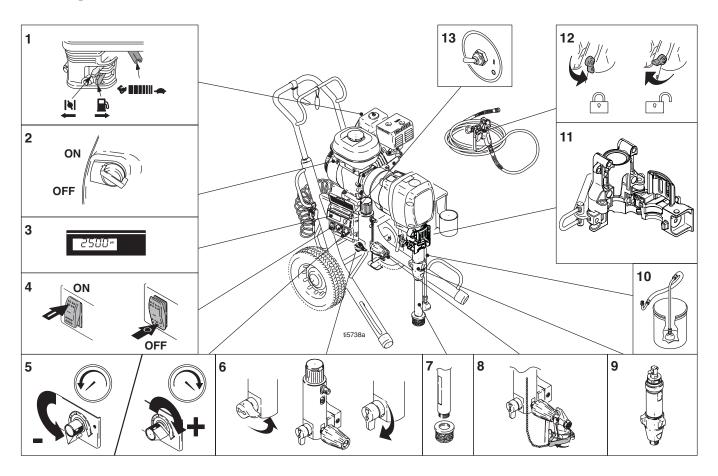
You must wear appropriate protective equipment when operating, servicing, or when in the operating area of the equipment to help protect you from serious injury, including eye injury, inhalation of toxic fumes, burns, and hearing loss. This equipment includes but is not limited to:

- Protective eyewear
- · Clothing and respirator as recommended by the fluid and solvent manufacturer
- Gloves
- Hearing protection

### **RECOIL HAZARD**

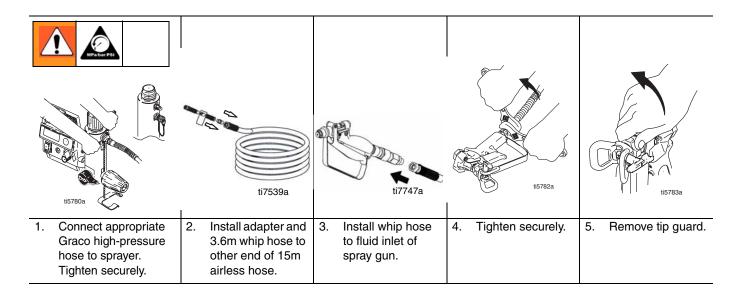
Brace yourself; gun may recoil when triggered and cause you to fall, which could cause serious injury.

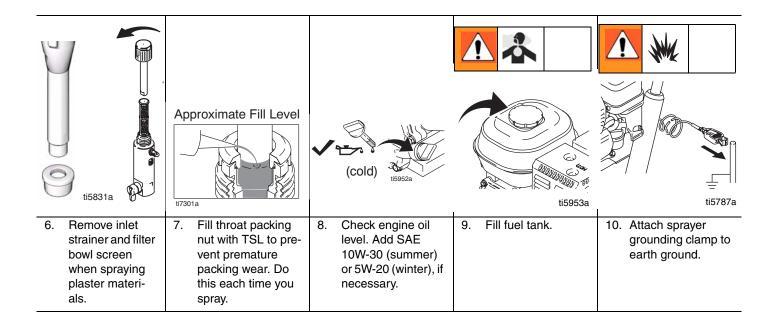
# **Component Identification**



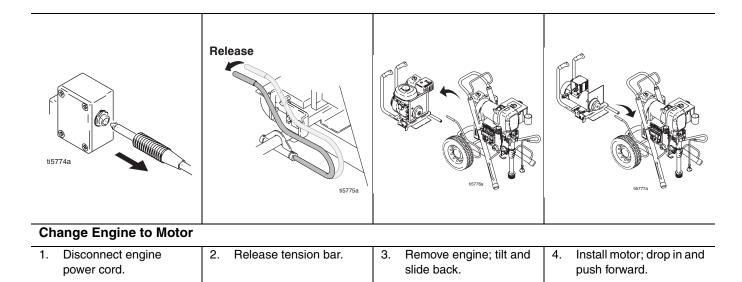
1	Engine controls		
2	Engine ON/OFF switch		
3	Premium Digital Display		
4	Pump On/Off Switch		
5	Pressure control		
6	Prime valve & Filter		
7	Suction tube & Inlet Filter		
8	Premium AutoClean2 <sup>™</sup> (not available on all models)		
9	Pump		
10	Drain hose		
11	ProConnect <sup>™</sup>		
12	Trigger Lock		
13	WatchDog <sup>™</sup> switch		

# Setup

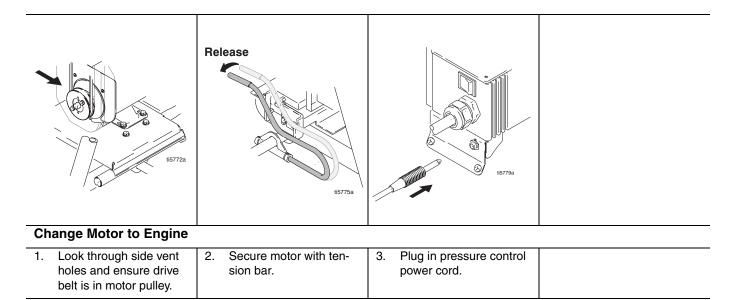




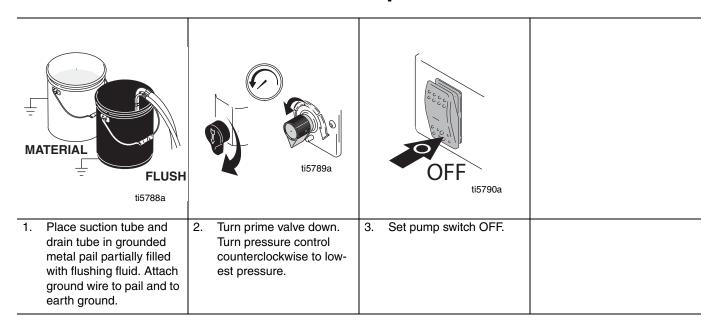
### **Convertible Models**



### **Convertible Models**

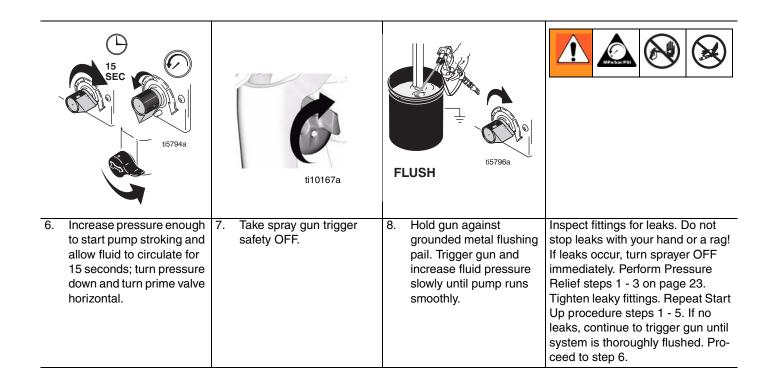


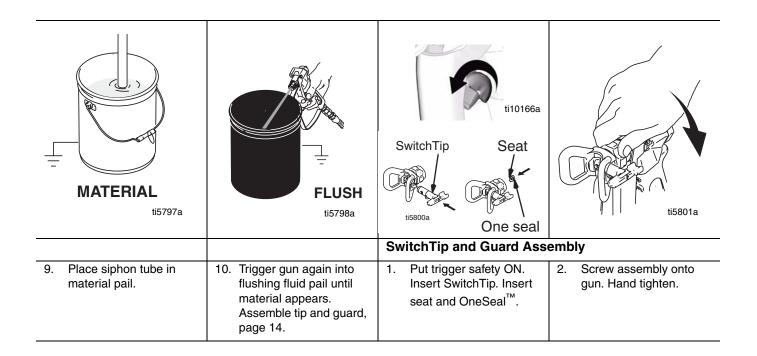
# Startup



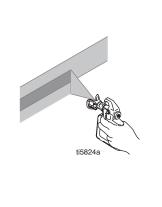
ti5248a	ti5249a	ti5250a	ti5262a
<ul><li>4. Start engine</li><li>a Move fuel valve to open.</li></ul>	b Move choke to closed.	c Set throttle to fast.	d Set engine switch to ON.

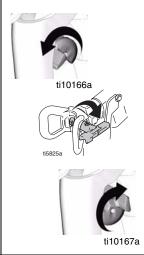
	ti5263a	ti5264a	ti5251a		6c cc CON ON CC
				5.	Set pump switch ON Pump/clutch is now active -
е	Pull starter rope.	f After engine starts, move choke to open.	g Set throttle to desired setting.		

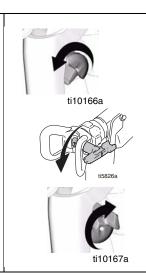












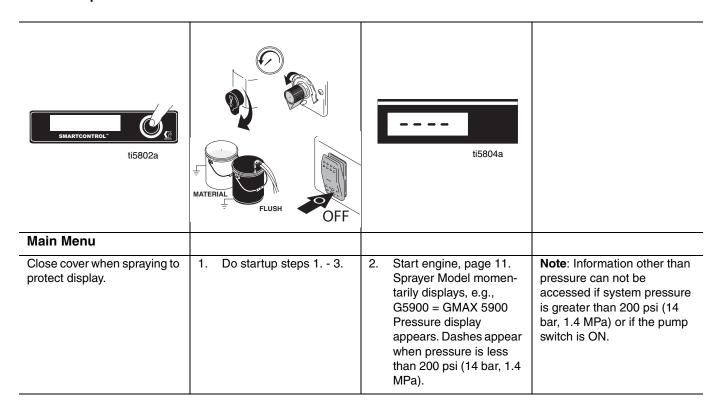
### Trigger gun and spray test pattern. Slowly adjust pressure to eliminate heavy edges. Use smaller tip size if pressure adjustment can not eliminate heavy edges.

- Hold gun perpendicular, 10-12 in. (25-30 cm) from surface. Spray back and forth. Use strokes overlapped by 50%. Start gun movement before triggering gun and release trigger before stopping gun movement.
- Release trigger, put trigger safety ON. Rotate SwitchTip. Take trigger safety OFF and trigger gun to clear the clog.

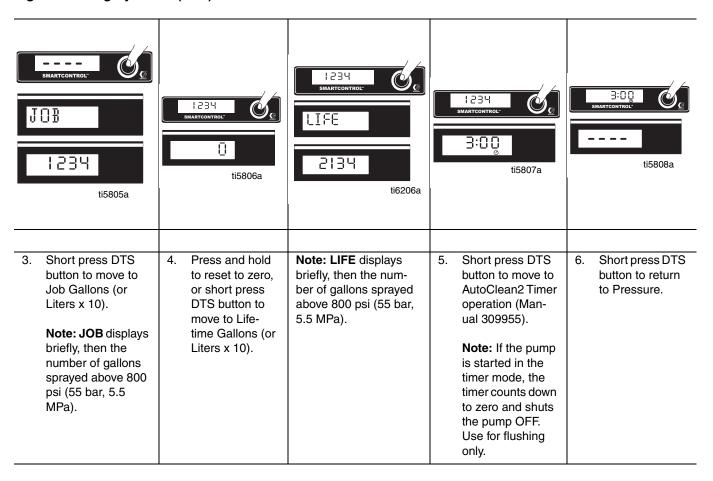
**Clearing Tip Clogs** 

 Put trigger safety ON, return SwitchTip to original position, take trigger safety OFF and continue spraying.

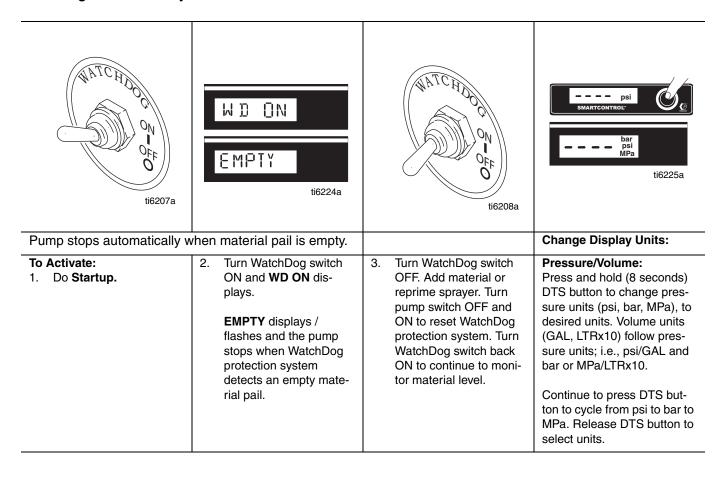
### **Premium Operation**



### Digital Tracking System<sup>™</sup> (DTS)

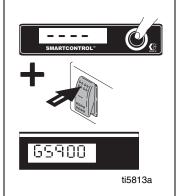


### WatchDog<sup>™</sup> Protection System









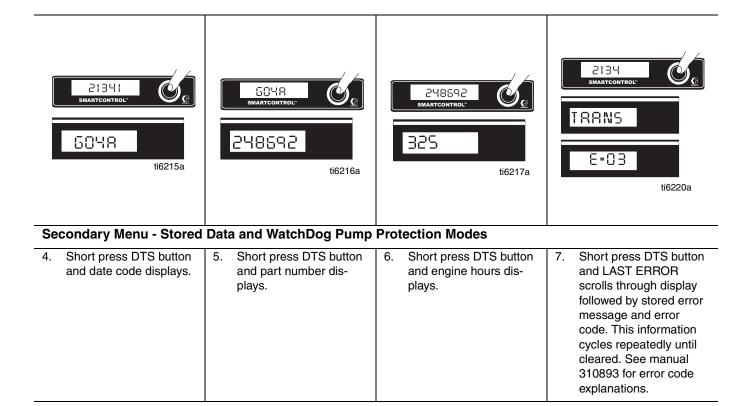


### Secondary Menu - Stored Data and WatchDog Pump Protection Modes

- 1. Do **Startup** steps 1. 3. Pressure must be at zero.
- Start engine, page 11.
   Pressure display appears.
- Press and hold DTS button and turn pump switch ON.

Sprayer model momentarily displays, e.g., **G5900** = GMAX II 5900.

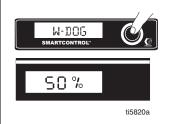
SERIAL NUM scrolls through display and a 3 to 5-digit serial number displays.





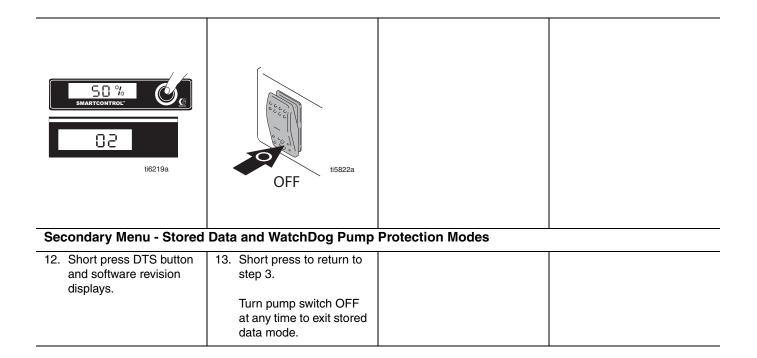




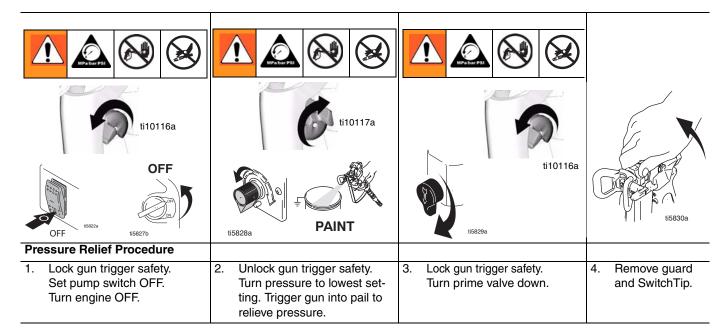


### Secondary Menu - Stored Data and WatchDog Pump Protection Modes

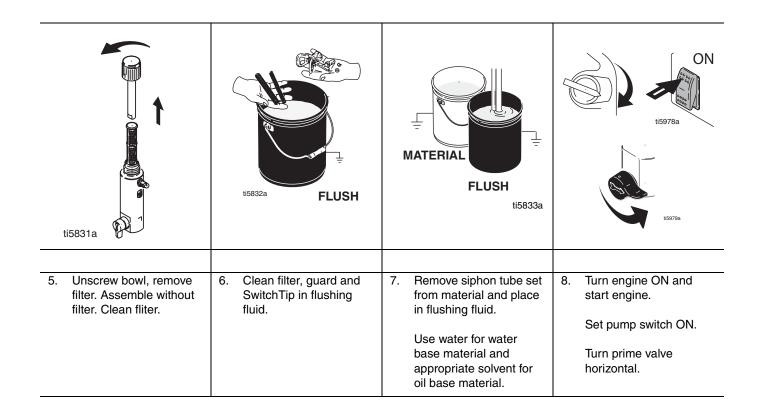
- 8. Press and hold DTS button until CLEAR ERROR NO ERROR CODE scrolls through the display and then error code E=00 displays. See Manual 310893.
- . Short press DTS button again to move to Watch-Dog mode. You may now short press and do step 10 or long press do step 11.
- Short press DTS button again and SOFTWARE REV scrolls through display followed by revision level; e.g., 02.
- 11. Press and hold (8 seconds) DTS button to move to WatchDog Trigger % menu. Continue to hold DTS button and WatchDog can be set to trigger at 30, 40, 50 or 60% of current sprayer pressure setting. Release DTS button when desired % is displayed. Default is 50%.

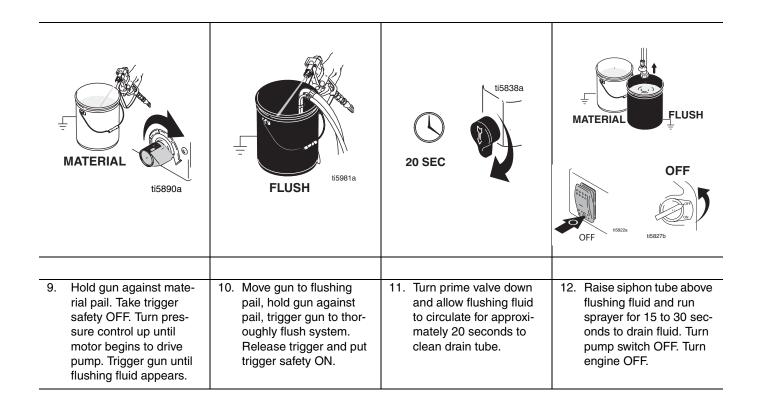


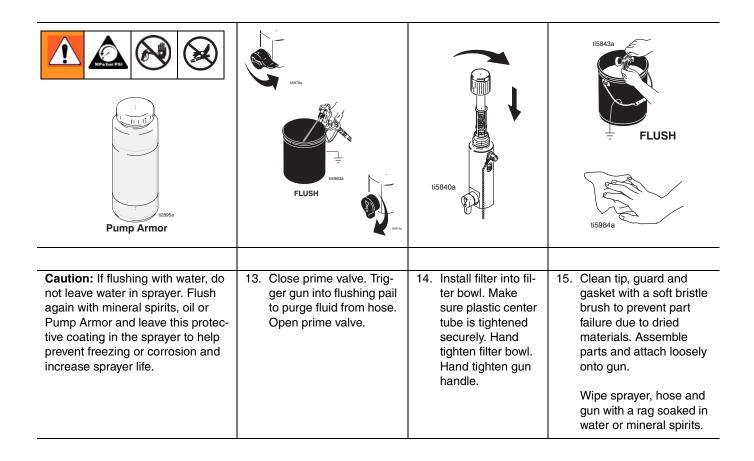
## Cleanup



If you suspect spray tip or hose is clogged or that pressure has not been fully relieved after following the steps above, VERY SLOWLY loosen tip guard retaining nut or hose end coupling to relieve pressure gradually, then loosen completely. Clear hose or tip obstruction.







# Warranty / Garantie / Garantía / Garantia

Graco warrants all equipment referenced in this document which is manufactured by Graco and bearing its name to be free from defects in material and workmanship on the date of sale to the original purchaser for use. With the exception of any special, extended, or limited warranty published by Graco, Graco will, for a period of twelve months from the date of sale, repair or replace any part of the equipment determined by Graco to be defective. This warranty applies only when the equipment is installed, operated and maintained in accordance with Graco's written recommendations.

This warranty does not cover, and Graco shall not be liable for general wear and tear, or any malfunction, damage or wear caused by faulty installation, misapplication, abrasion, corrosion, inadequate or improper maintenance, negligence, accident, tampering, or substitution of non-Graco component parts. Nor shall Graco be liable for malfunction, damage or wear caused by the incompatibility of Graco equipment with structures, accessories, equipment or materials not supplied by Graco, or the improper design, manufacture, installation, operation or maintenance of structures, accessories, equipment or materials not supplied by Graco.

This warranty is conditioned upon the prepaid return of the equipment claimed to be defective to an authorized Graco distributor for verification of the claimed defect. If the claimed defect is verified, Graco will repair or replace free of charge any defective parts. The equipment will be returned to the original purchaser transportation prepaid. If inspection of the equipment does not disclose any defect in material or workmanship, repairs will be made at a reasonable charge, which charges may include the costs of parts, labor, and transportation.

## THIS WARRANTY IS EXCLUSIVE, AND IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTY OF MERCHANTABILITY OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.

Graco's sole obligation and buyer's sole remedy for any breach of warranty shall be as set forth above. The buyer agrees that no other remedy (including, but not limited to, incidental or consequential damages for lost profits, lost sales, injury to person or property, or any other incidental or consequential loss) shall be available. Any action for breach of warranty must be brought within two (2) years of the date of sale.

GRACO MAKES NO WARRANTY, AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, IN CONNECTION WITH ACCESSORIES, EQUIPMENT, MATERIALS OR COMPONENTS SOLD BUT NOT MANUFACTURED BY GRACO. These items sold, but not manufactured by Graco (such as electric motors, switches, hose, etc.), are subject to the warranty, if any, of their manufacturer. Graco will provide purchaser with reasonable assistance in making any claim for breach of these warranties.

In no event will Graco be liable for indirect, incidental, special or consequential damages resulting from Graco supplying equipment hereunder, or the furnishing, performance, or use of any products or other goods sold hereto, whether due to a breach of contract, breach of warranty, the negligence of Graco, or otherwise.

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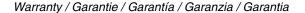
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#### **ADDITIONAL WARRANTY COVERAGE**

Graco does provide extended warranty and wear warranty for products described in the "Graco Contractor Equipment Warranty Program".



TO PLACE AN ORDER, contact your Graco distributor, or call 1-800-690-2894 to identify the nearest distributor.

All written and visual data contained in this document reflects the latest product information available at the time of publication.

Graco reserves the right to make changes at any time without notice.

This manual is written in English GN 310892 MM 310892

Graco Headquarters: Minneapolis International Offices: Belgium, Korea, China, Japan

**GRACO INC. P.O. BOX 1441 MINNEAPOLIS, MN 55440-1441** 

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