

Operation



Mark V SpackMax™

309492 Rev. A

Airless Sprayers

245623 – Sprayer

245622 – Sprayer, hoses, gun and tips

*138 bar (14 MPa, 2000 psi) Maximum Working Pressure
Pressão máxima de trabalho de 2000 psi (138 bar, 14 MPa)
Pression maximale de service 2000 lb/po² (138 bar, 14 MPa)
Presión máxima de operación 2000 psi (138 bar, 14 MPa)*



Read warnings and instructions.



Related manuals
Manuais associados
Manuels afférents
Manuales relacionados



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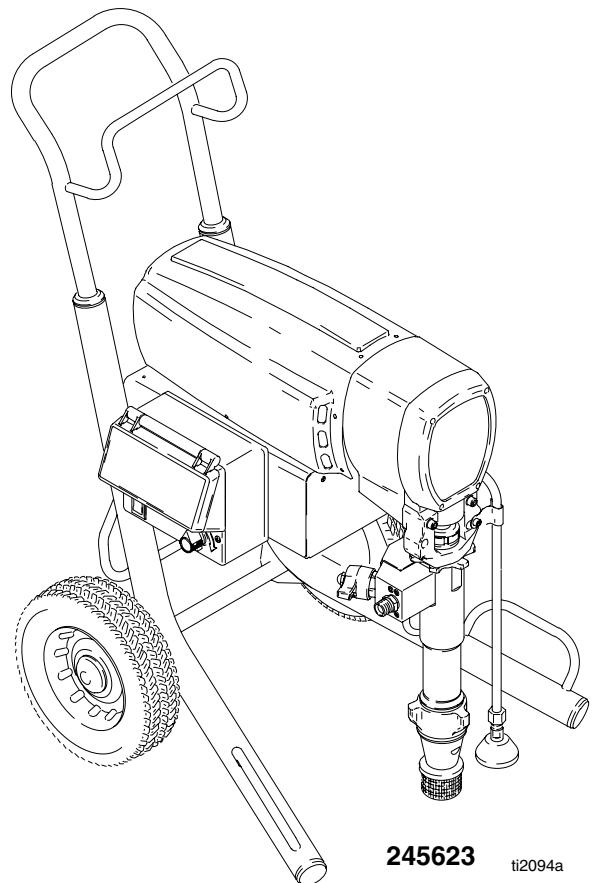
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PROVEN QUALITY, LEADING TECHNOLOGY

⚠ WARNING

Fire and explosion hazard: Solvent and paint fumes can ignite or explode.

To help prevent a fire and explosion:

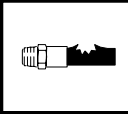
- Use only in an extremely well ventilated area.
- Eliminate all ignition sources; such as pilot lights, cigarettes and plastic drop cloths (static arc hazard). Do not plug or unplug power cords or turn lights on or off in spray area.
- Ground Sprayer, object being sprayed, paint and solvent pails.
- Hold gun firmly to side of grounded pail when triggering into pail.
- Use only conductive airless paint hose.
- Do not use 1,1,1-trichloroethane, methylene chloride, other halogenated hydrocarbon solvents or fluids containing such solvents in pressurized aluminum equipment. Such use could result in a chemical reaction, with the possibility of explosion.
- Do not fill fuel tank while engine is running or hot.
- Do not flush with gasoline.

Fluid injection and high pressure hazard: High pressure spray or leaks can inject fluid into the body.

To help prevent injection, always:

- Engage trigger safety latch when not spraying.
- Keep clear of nozzle and leaks.
- Never spray without a tip guard.
- Do **PRESSURE RELIEF** if you stop spraying or begin servicing sprayer.
- Do not use components rated less than sprayer *Maximum Working Pressure*.
- Never allow children to use this unit.

If high pressure fluid pierces your skin, the injury might look like "just a cut". But it is a serious wound! Get immediate medical attention.



⚠ ADVERTÊNCIA

Perigo de incêndio e explosão: os solventes e os vapores da pintura poderão explodir ou incendiar.

Para ajudar a evitar incêndio e explosão:

- Utilize unicamente em áreas extremamente bem ventiladas.
- Elimine todas as fontes de ignição, tais como luzes piloto, cigarros e arcos de estática resultantes dos plásticos de proteção. Não ligue nem desligue os cabos de alimentação ou as luzes numa área de pulverização.
- Ponha em contato com a terra o pulverizador, o objeto a ser pulverizado, e os baldes de tinta e de solventes.
- Segure a pistola firmemente de encontro ao lado do balde em contato com a terra, quando estiver descarregando para dentro do mesmo.
- Utilize somente tubos flexíveis condutores para pintura a alta pressão.
- Não utilize 1,1,1-tricloroetano, cloreto de metileno, outros solventes de hidrocarbonetos halogenados ou líquidos contendo tais solventes em equipamento de alumínio pressurizado. Tal utilização poderá resultar numa reação química, com possibilidade de explosão.
- Nunca abasteça o depósito de combustível com o motor em funcionamento ou quente.
- Não faça a descarga com gasolina.

Perigo de injeção de líquidos à alta pressão: a pulverização ou vazamentos à alta pressão podem injetar líquido no corpo.

Para ajudar a evitar injeção de líquido, faça sempre o seguinte:

- Engate o trinco de segurança do gatilho quando não estiver pulverizando.
- Mantenha-se afastado dos bocais e locais onde há vazamentos.
- Nunca pulverize sem que haja uma proteção na extremidade.
- **ALIVIE A PRESSÃO** quando parar de pulverizar e antes de iniciar a manutenção do pulverizador.
- Não utilize componentes com uma classificação inferior à do pulverizador *Pressão Máxima de Trabalho*.
- Nunca permita que crianças utilizem esta unidade.

Se o líquido a alta pressão penetrar na sua pele, o ferimento poderá parecer "simplesmente um corte". Mas é um ferimento grave! Procure o médico imediatamente.

⚠ MISE EN GARDE

Danger d'incendie et d'explosion : les gaz de solvant et de peinture peuvent s'enflammer ou exploser.

Pour éviter les risques d'incendie et d'explosion :

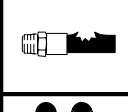
- N'utiliser l'appareil que dans une zone extrêmement bien aérée.
- Éliminer toute source d'inflammation ; telle que veilleuses, cigarettes et arcs d'électricité statique créés par les toiles de peintre en plastique. Ne pas brancher et débrancher de cordons électriques, ou allumer et éteindre des lumières dans la zone de pulvérisation.
- Mettre à la terre le pulvérisateur, l'objet à pulvériser ainsi que les seaux de peinture et de solvants.
- Tenir le pistolet fermement contre la paroi d'un seau mis à la terre lorsqu'on pulvérise dans le seau.
- N'utiliser qu'un flexible pour peinture pulvérisée sans air.
- Ne jamais utiliser de trichloroéthane 1,1,1, de chlorure de méthylène, d'autres solvants à base d'hydrocarbures halogénés, ni de produits contenant de tels solvants dans un équipement sous pression en aluminium. Cela pourrait provoquer une réaction chimique avec risque d'explosion.
- Ne jamais remplir le réservoir d'essence lorsque le moteur est chaud ou en marche.
- Ne pas rincer avec de l'essence.

Danger d'injection de fluide et haute pression : la pulvérisation sous haute pression ou les fuites peuvent injecter des fluides dans le corps.

Pour éviter les risques d'injection, toujours :

- Bloquer le loquet de sécurité de la gâchette à la fin de la pulvérisation.
- Se tenir loin de la buse et des fuites.
- Ne jamais pulvériser sans anti-gouttes.
- **DÉCHARGER LA PRESSÃO** à la fin de la pulvérisation ou avant de réparer le pulvérisateur.
- Ne pas utiliser de composants dont la pression nominale est inférieure à la *pression maximale de service du système*.
- Ne jamais permettre aux enfants d'utiliser cet appareil.

Si un fluide haute pression perce la peau, la blessure peut paraître une "simple coupure" Mais il s'agit bien d'une lésion grave! Consulter immédiatement un médecin.



⚠ ADVERTENCIA

Perigo de incendio o explosión: Los gases de los disolventes y de la pintura pueden inflamarse o provocar una explosión.

Para prevenir incendios y explosiones:

- Use únicamente en un área muy bien ventilada.
- Suprima todas las fuentes de ignición; como luces piloto, cigarrillos y arcos estáticos de carpetas plásticas para protección contra pintura. No enchufe ni desenchufe cables de alimentación ni apague ni encienda las luces en un área de pulverización.
- Ponga a tierra el pulverizador, el objeto que recibe el chorro pulverizado, las cubetas de pintura y disolvente.
- Sostenga firmemente la pistola a un lado de la cubeta puesta a tierra cuando dispare dentro de ella.
- Use solamente mangueras para pintura conductora sin aire.
- No utilice nunca tricloroetano-1,1,1, cloruro de metileno ni otros disolventes a base de hidrocarburos halógenos o fluidos que contengan dichos disolventes en un equipo a presión de aluminio. El uso de estas sustancias puede provocar una intensa reacción química, con riesgos de explosión.
- Nunca llene el estanque de combustible mientras el motor esté en marcha o caliente.
- No lave con gasolina.

Perigo de inyección de fluido y alta presión: por la pulverización o las filtraciones a alta presión se pueden inyectar fluidos en el organismo.

Para prevenir la inyección en la piel, siempre:

- Enganche el seguro del gatillo cuando no use el pulverizador.
- No se acerque a la boquilla ni a las filtraciones.
- Nunca aplique fluido pulverizado sin un guardaboquilla.
- Realice el **ALIVIO DE PRESIÓN** si deja de pulverizar fluido o repara el pulverizador.
- No use componentes de capacidad nominal inferior a la *presión máxima de operación del pulverizador*.
- No permita que niños usen esta unidad.

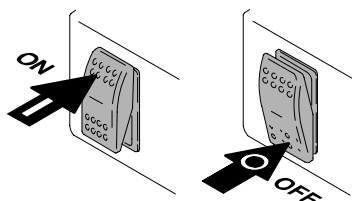
Si fluido de alta presión le penetra la piel, la lesión podría parecer "sólo un corte". ¡Es una lesión seria! Consulte de inmediato al médico.

CONTROLS / CONTROLES / COMMANDES / CONTROLES

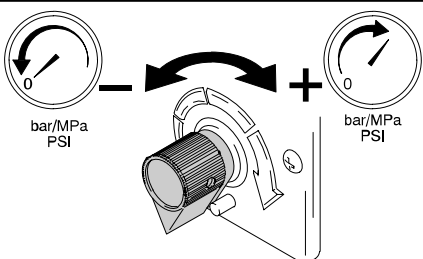
Pressure Display / Indicador de pressão
Afficheur de pression / Visor de presión



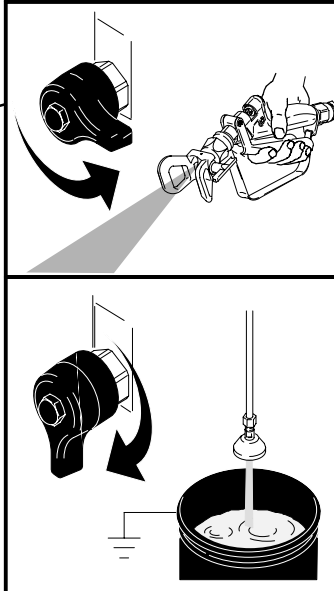
On/Off Switch Aan/Uit Schakelaar
Interrupteur Marche/Arrêt
Ein-Aus-Schalter



Pressure Control / Controle da pressão /
Système de contrôle de la pression /
Dispositivo de control de la presión

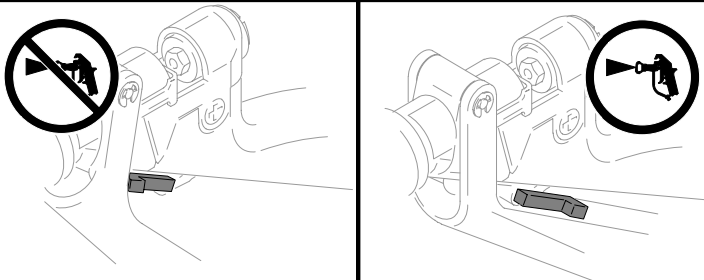


Drain Valve
Válvula de drenagem
Vidange
Válvula de vaciado



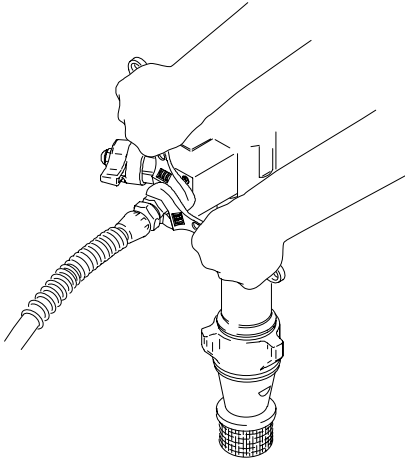
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Trigger Lock
Fecho do gatilho
Loquet de sécurité
Seguro del gatillo

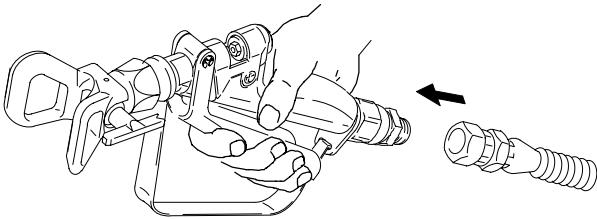


Setup

1. Connect appropriate Graco high-pressure hose to sprayer. Tighten securely.



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2. Connect hose to gun.

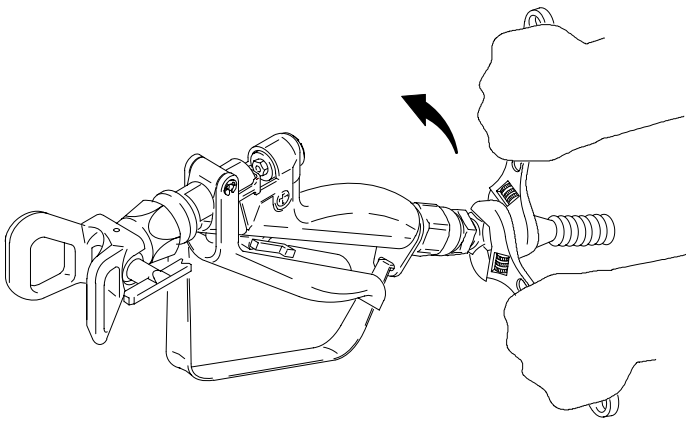


Hose:

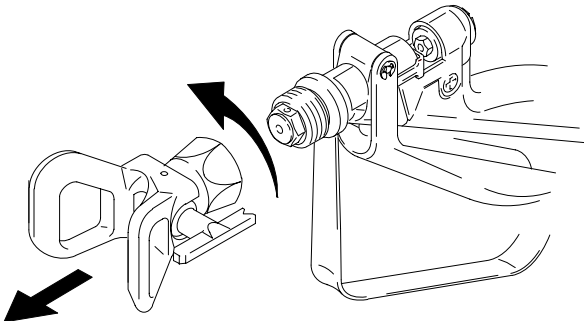
Recommended – 1/2 in. x 15 m + 3/8 in. x 3 m

Minimum – 3/8 in. x 15 m

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3. Tighten securely.

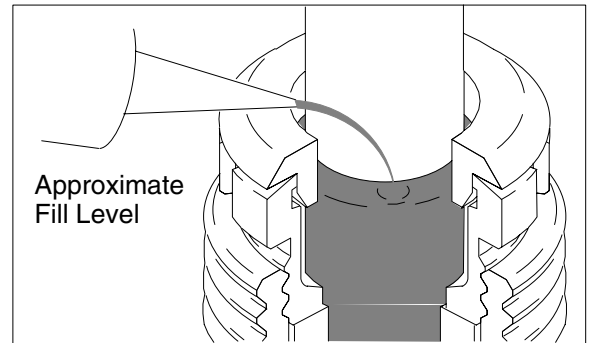


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4. Remove tip guard.



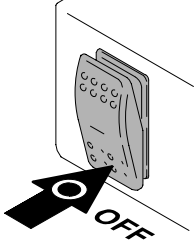
Setup

5. Fill throat packing nut with TSL to prevent premature packing wear.
Do this each time you spray and store.

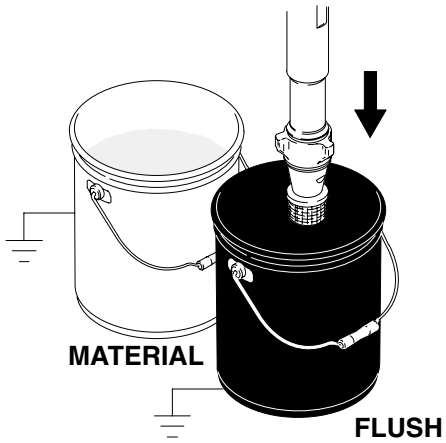


Startup

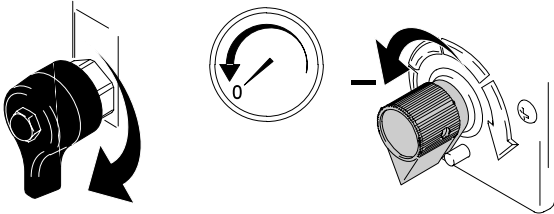
1. Set pump switch OFF.



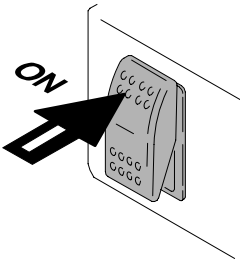
2. Put pump in flushing fluid.



3. Turn prime valve down.
Turn pressure control to lowest pressure.

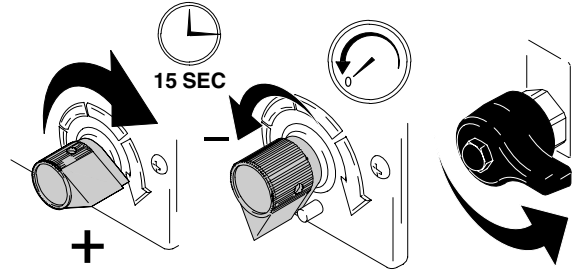


4. Set pump switch ON.
– Pump is now active –

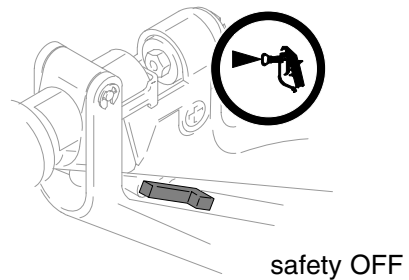


Startup

5. Increase pressure enough to start pump stroking and allow fluid to circulate for 15 seconds; turn pressure down, turn prime valve horizontal.



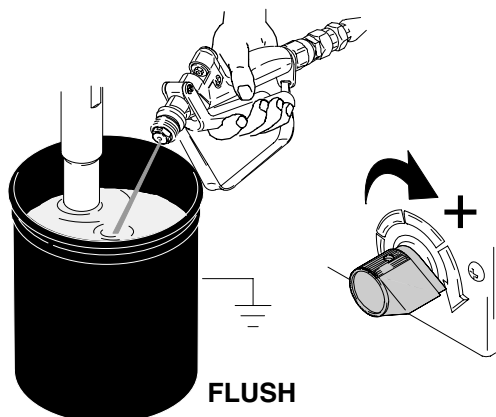
6. Take spray gun trigger safety OFF.



Startup

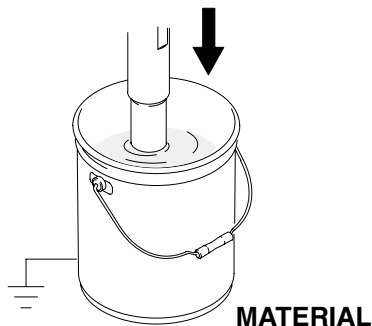


7. Hold gun against grounded metal flushing pail. Trigger gun and increase fluid pressure slowly until pump runs smoothly.

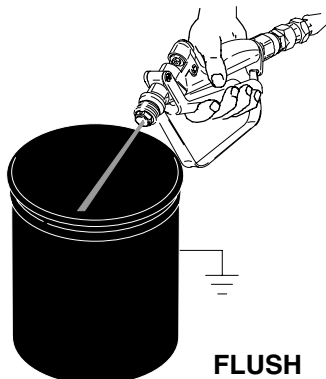


Note: Inspect fittings for leaks. **Do not stop leaks with your hand or a rag!** If leaks occur, turn sprayer OFF immediately. Do **Pressure Relief** in **Cleanup, 1. – 3.** on page 11. Tighten leaky fittings. Repeat **Startup, 1. – 5.** If no leaks, continue to trigger gun until system is thoroughly flushed. Proceed to **6.**

8. Place pump in material pail.



9. Trigger gun again into flushing fluid pail until paint appears. Assemble tip and guard, page 9.



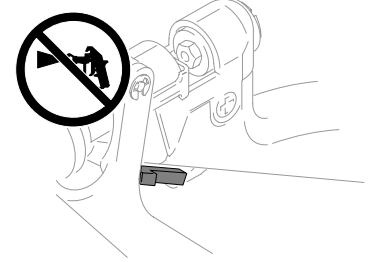
Service



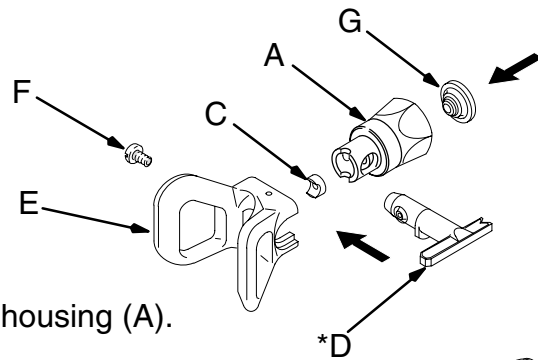
SwitchTip and Guard Assembly

1. Perform **Pressure Relief** steps 1. – 3. of **Cleanup**.

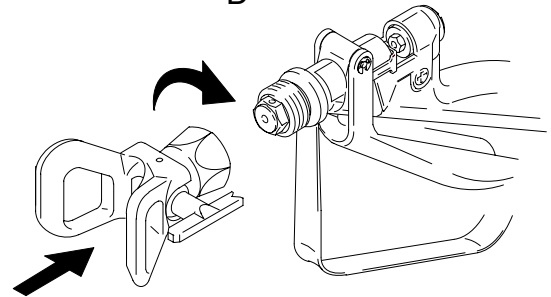
2. Engage trigger safety.



3. Insert housing (A) into retaining nut (B).
Install metal seat (C).
Install tip cylinder (D) in housing.



4. Snap tip guard (E) into place.
Install screw (F) and secure tip guard to housing (A).
Install gasket (G) in housing.
Install HD RAC assembly onto gun.

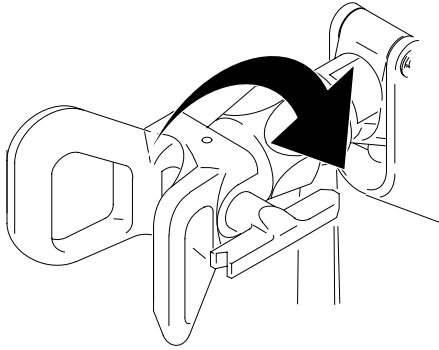


*Minimum tip recommendation is .025 GHD.
Smaller tip sizes may cause poor performance.


Service

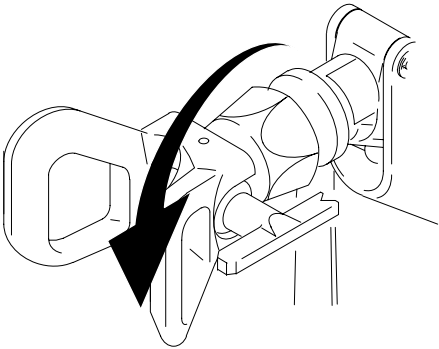


Clearing Tip Clogs



1. Release trigger, put trigger safety ON. Rotate SwitchTip. Take trigger safety OFF and trigger gun to clear the clog.

 Never point gun towards your hand or into a rag!



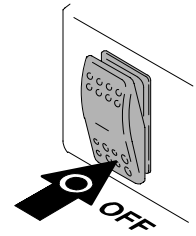
2. Put trigger safety ON, return SwitchTip to original position, take trigger safety OFF and continue spraying.

Cleanup



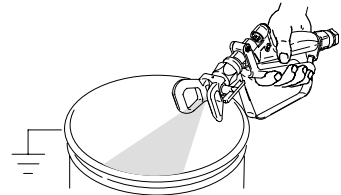
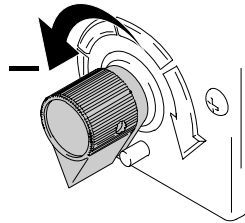
Pressure Relief

1. Set pump switch OFF.



Pressure Relief

2. Turn pressure to lowest setting.
Trigger gun to relieve pressure.

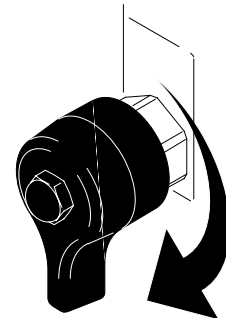


MATERIAL

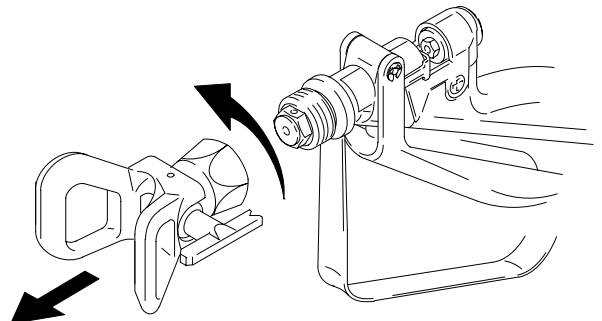


Pressure Relief

3. Turn prime valve down.



4. Remove guard and SwitchTip.

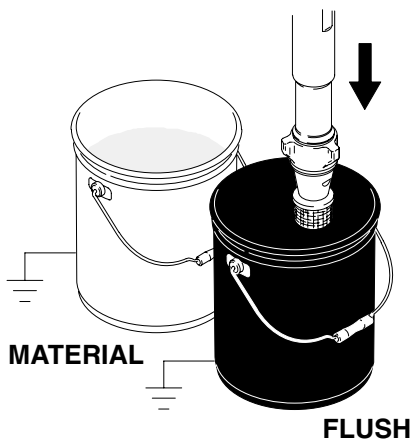


Cleanup

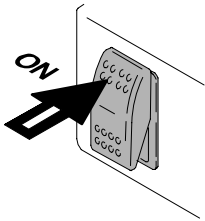
5. Clean guard and SwitchTip in flushing fluid.



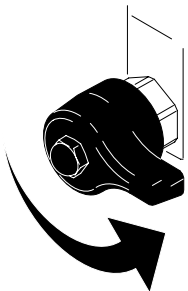
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6. Remove pump from material and place in flushing fluid. Use water for water base material and mineral spirits for oil base material.



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7. Set pump switch ON.

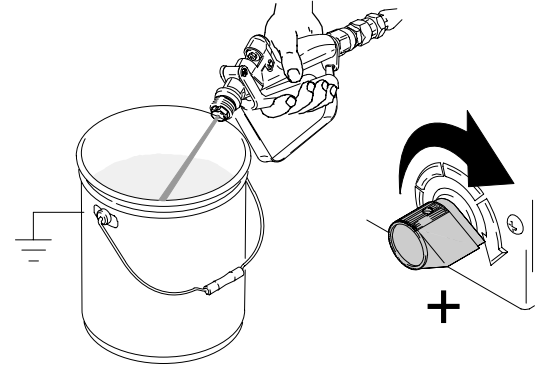


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8. Turn prime valve horizontal.



Cleanup

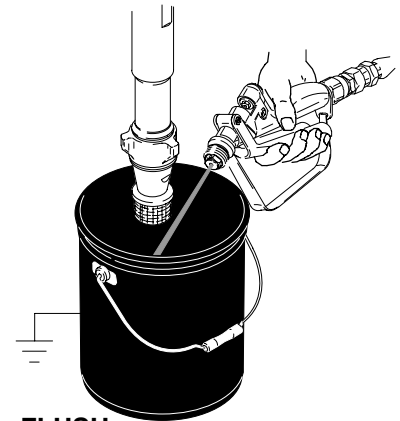
9. Hold gun against material pail. Take trigger safety **OFF**. Trigger gun until flushing fluid appears.
Turn pressure control up until motor begins to drive pump.



MATERIAL

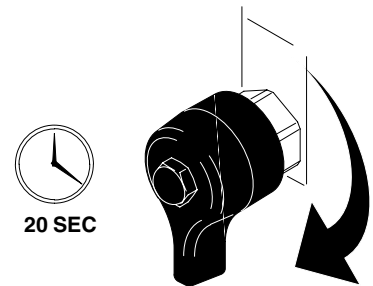
10. Move gun to flushing pail, hold gun against pail, trigger gun to thoroughly flush system.

Release trigger and put trigger safety **ON**.

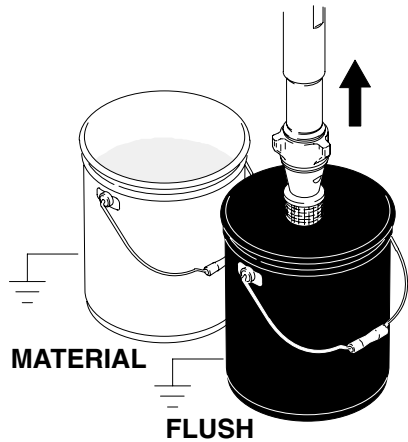


FLUSH

11. Turn prime valve down and allow flushing fluid to circulate for approximately 20 seconds to clean drain tube.



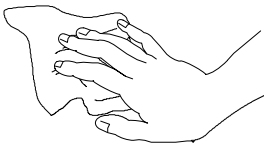
Cleanup



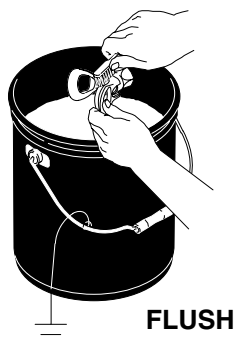
12. Raise pump above flushing fluid and run sprayer for 15 to 30 seconds to drain fluid. Turn pump switch OFF. Turn engine **OFF**.

Caution: If flushing with water, do not leave water in sprayer. Flush again with mineral spirits, oil or Pump Armor and leave this protective coating in the sprayer to help prevent freezing or corrosion and increase sprayer life.

-
13. Wipe sprayer, hose and gun with a rag soaked in water or mineral spirits.



-
14. Clean tip, guard and gasket with a soft bristle brush to prevent part failure due to dried materials. Assemble parts and attach loosely onto gun.



Display

ERROR CODES



- E = 02 High pressure limit
- E = 03 Transducer fault
- E = 04 High line voltage
- E = 05 High current
- E = 06 Motor overheated
- E = 08 Low line voltage

Turn power OFF/ON to reset
 Gire a potencia OFF/ON para a restauração
 Tournez la puissance OFF/ON à la remise
 Dévuelte a la potencia OFF/ON a la restauración

Service manual
 Manual técnica
 Manuel service
 Manuale servizio

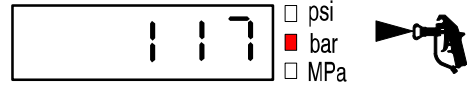
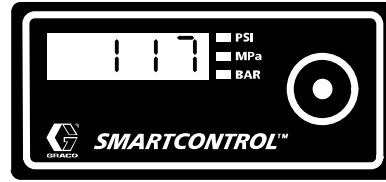


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Service
 Assistência técnica
 Service
 Servicio



PRESSURE



Noise / Ruído / Bruit / Ruido

Power / Potência / Marche / Alimentación . . . 91 dB(A)*
 Pressure / Pressão / Pression / Presión . . . 82 dB(A)*
 * ISO 3744

Graco Warranty/Garantie Graco Garantía Graco/Garantia da Graco

Graco warrants all equipment listed in this manual which is manufactured by Graco and bearing its name to be free from defects in material and workmanship on the date of sale by an authorized Graco distributor 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.

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, gas engines, 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.

FOR GRACO CUSTOMERS SPEAKING FRENCH, SPANISH AND PORTUGUESE

The parties acknowledge that they have required that the present document, as well as all documents, notices and legal proceedings entered into, given or instituted pursuant hereto or relating directly or indirectly hereto, be drawn up in English.

POUR LES CLIENTS DE GRACO PARLANT FRANÇAIS

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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".

Graco Phone Number

TO PLACE AN ORDER, contact your Graco distributor, or call **1-800-690-2894 Toll Free**, to identify the distributor closest to you.

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