

Instructions - Parts list



Air Regulator, Filter, and 55 Gallon Suction Kit

308426D

EN

For use in applications using windshield washer solvent. For professional use only.

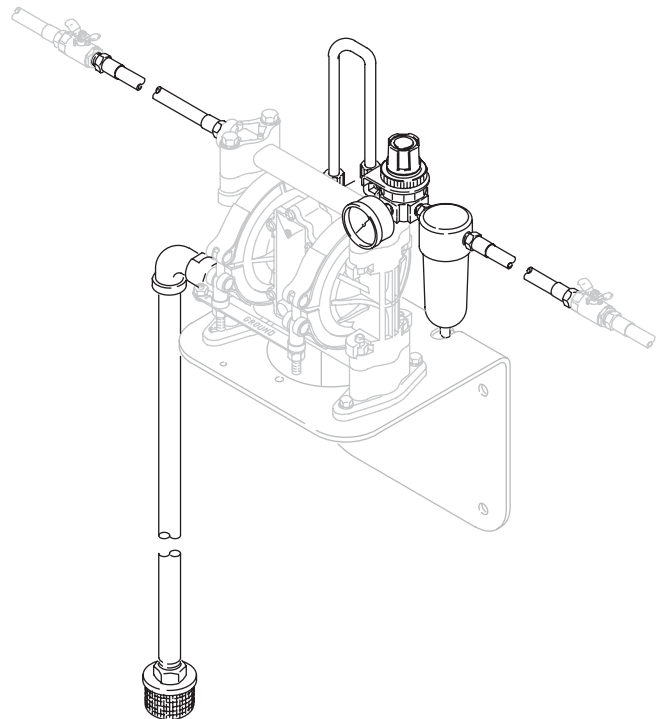
Model No. 237160, Series A

100 psi (0.7 MPa, 7 bar) Maximum Working Pressure









Important Safety Instructions

Read all warnings and instructions in this manual. Save these instructions.



Warnings

The following warnings are for the setup, use, grounding, maintenance, and repair of this equipment. The exclamation point symbol alerts you to a general warning and the hazard symbols refer to procedure-specific risks. When these symbols appear in the body of this manual or on warning labels, refer back to these Warnings. Product-specific hazard symbols and warnings not covered in this section may appear throughout the body of this manual where applicable.

 <h2 style="margin: 0;">WARNING</h2>	
 	<p>EQUIPMENT MISUSE HAZARD</p> <p>Misuse can cause death or serious injury.</p> <ul style="list-style-type: none"> • Do not operate the unit when fatigued or under the influence of drugs or alcohol. • 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. For complete information about your material, request MSDS from distributor or retailer. • Do not leave the work area while equipment is energized or under pressure. • Turn off all equipment and follow the Pressure Relief Procedure when equipment is not in use. • Check equipment daily. Repair or replace worn or damaged parts immediately with genuine manufacturer's replacement parts only. • Do not alter or modify equipment. Alterations or modifications may void agency approvals and create safety hazards. • Make sure all equipment is rated and approved for the environment in which you are using it. • Use equipment only for its intended purpose. Call your distributor for information. • Route hoses and cables away from traffic areas, sharp edges, moving parts, and hot surfaces. • Do not kink or over bend hoses or use hoses to pull equipment. • Keep children and animals away from work area. • Comply with all applicable safety regulations.
  	<p>SKIN INJECTION HAZARD</p> <p>High-pressure fluid from dispensing device, 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.</p> <ul style="list-style-type: none"> • Do not point dispensing device at anyone or at any part of the body. • Do not put your hand over the fluid outlet. • Do not stop or deflect leaks with your hand, body, glove, or rag. • Follow the Pressure Relief Procedure when you stop dispensing and before cleaning, checking, or servicing equipment. • Tighten all fluid connections before operating the equipment. • Check hoses and couplings daily. Replace worn or damaged parts immediately.

Installation

1. Remove both screws (A) from the top of the pump. Secure the mounting bracket (13) of the regulator assembly (B) to the pump. (FIG. 1)

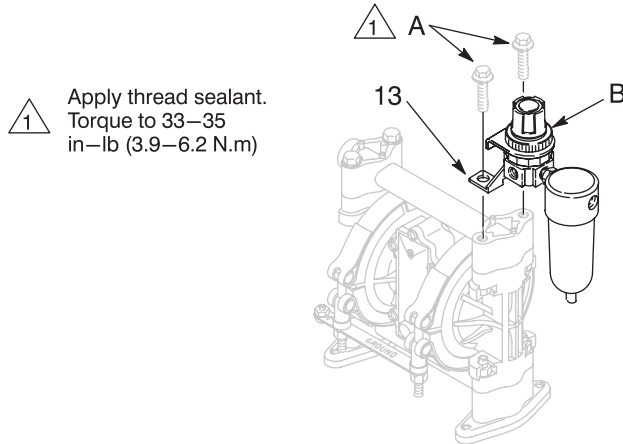


FIG. 1

2. Screw the loose air line fitting (9a) into the pump's air inlet. Rotate the fitting so the tube end faces up. Push each end of the tube (12) into one of the air line fittings. Tighten the nut on the fitting to secure the tube. (FIG. 2)

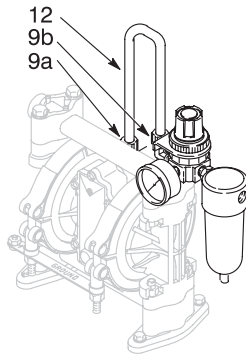


FIG. 2

3. Mount the pump as desired, but be sure the suction hose kit (14) can reach the bottom of the supply container. A wall bracket (F) is shown in FIG. 3.
4. Screw the adapter (10) into the pump inlet. Apply thread sealant to the male threads of the elbow (1). Screw the elbow into the adapter. Screw the suction hose kit (14) into the elbow (1). (FIG. 3)
5. Connect a fluid hose (8) and a fluid shutoff valve (D) at the outlet of the pump. (FIG. 3)

6. Connect an air hose (4) and a bleed-type air shutoff valve (E) at the inlet of the air filter (5). (FIG. 3)

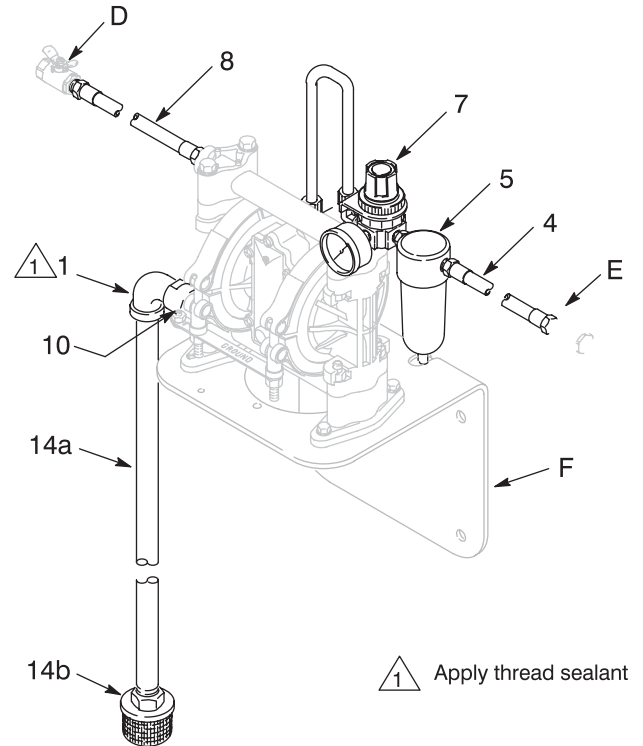


FIG. 3

Operation

Pressure Relief Procedure



Follow the Pressure Relief Procedure whenever you see this symbol.



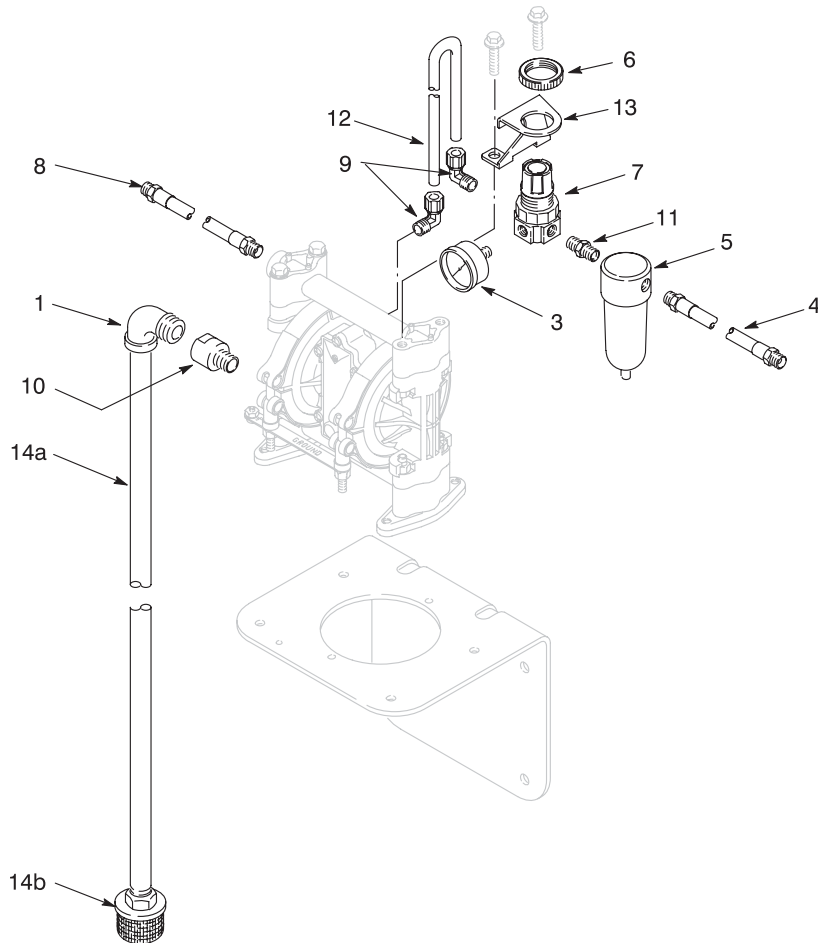
This equipment stays pressurized until pressure is manually relieved. To help prevent serious injury from pressurized fluid, such as skin injection, splashing fluid and moving parts, follow the Pressure Relief Procedure when you stop spraying and before cleaning, checking, or servicing the equipment.

1. Close the bleed-type air valve (E). (FIG. 3)
2. Close the air regulator (7). (FIG. 3)
3. Trigger or open the dispensing gun to relieve fluid pressure.

Operation Procedure

1. Place the suction tube in the windshield washer fluid.
2. Close the fluid shutoff valve (D).
3. Turn on the air to the pump. Slowly open the air regulator until the pump is running smoothly.
4. When the pump stalls, open the fluid shutoff valve (D).
5. For additional operation information, pump maintenance, trouble shooting and repair, refer to the pump instruction manual 307194.

Parts



Part No./Description

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
1	100611	ELBOW, 1/2-14 npt(m) x 3/4-14 npt(f)	1	11	156971	NIPPLE, 1/4-18 npt	1
3	108190	AIR GAUGE, 0-100 psi (0-0.7 MPa, 0-7 bar) range	1	12	187479	TUBE, 3/8 inch ID, 15 inch (381 mm) long	1
4	109125	AIR HOSE, 6 ft (1.83 m)	1	13	190125	MOUNTING BRACKET	1
5	110146	AIR FILTER, 1 oz bowl, 1/4 npt(f) inlet and outlet	1	14	223888	SUCTION HOSE KIT, includes items 14a and 14b	1
6	110209	REGULATOR NUT	1	14a	110904	SUCTION HOSE, 6 ft (1.83 m) long, PVC, coupled	1
7	110318	AIR REGULATOR, 1/4 npt	1	14b	218798	STRAINER, 16 mesh, 304 stainless steel	1
8	220596	FLUID HOSE, 4 ft (1.23 m) long, nitrile, coupled, 3/8-18 npt x 1/2-14 npt(mbe)	1				
9	111511	AIR LINE FITTING, 1/4-18 npt(m) x 3/8 inch OD tube	2				
10	156022	ADAPTER, 3/8-18 npt(m) x 1/2-14 npt(f)	1				

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