

Solenoids

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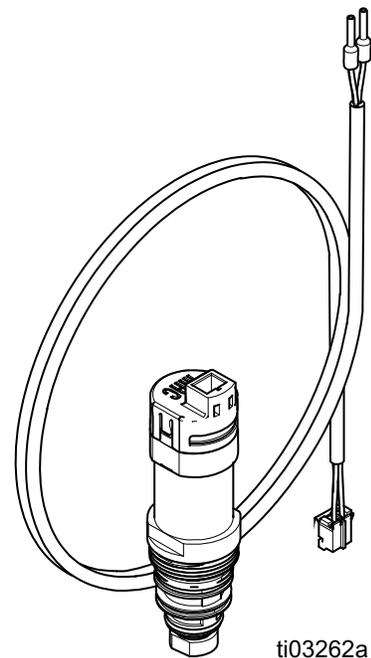
For actuation of pneumatic flow to various components of the ProMix V Package Meter Proportioner. For professional use only.

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Important Safety Instructions

Read all warnings and instructions in this manual and in any related manuals before using the equipment. Be familiar with the proper control and usage of the equipment. Save these instructions.



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Related Manuals

Find English manuals and any available translations at www.graco.com.

English Manual Number	Description
3B0203	ProMix V Package Meter Proportioner Instructions
3B0361	ProMix V Package Meter Proportioner Repair-Parts
3B0236	Fluid Mix Manifold Instructions

Installation



WARNING







PRESSURIZED FLUID HAZARD

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 pumping and before cleaning, checking or servicing the equipment.

PERSONAL PROTECTIVE EQUIPMENT

Wear appropriate protective equipment when in the work area to help prevent serious injury, including eye injury, hearing loss, inhalation of toxic fumes, and burns.

1. Perform the Pressure Relief procedure in the ProMix V Package Meter Proportioner Instructions manual. See **Related Manuals**, page 2.
2. Perform the Shutdown procedure in the ProMix V Package Meter Proportioner Instructions manual. See **Related Manuals**, page 2.
3. For easier access to the solenoid, remove the mix manifold from the enclosure assembly by removing the bolts on the bottom that go directly into the mix manifold. Be sure to label all tubes that go to the manifold before removing it from the enclosure.

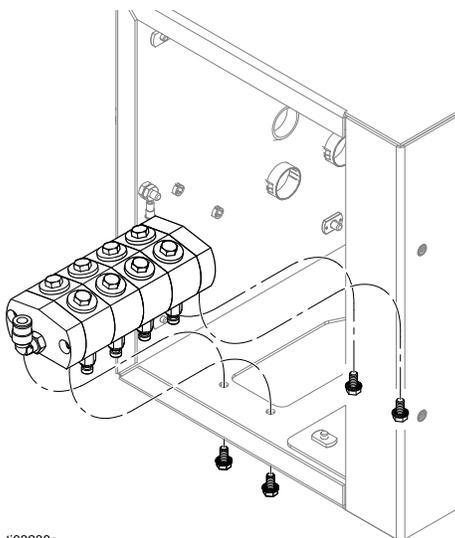


FIG. 1

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4. Remove the plug, examine the port, and remove any burrs or other debris.
5. Apply a small amount of grease (supplied by customer) to the o-rings on the solenoid.

NOTE: Do not apply too much grease to the o-rings. An excessive amount of grease may interfere with air flow.

6. Remove the wiring harness on the solenoid and install the supplied cable bundle (102) (gray cable bundle) onto the solenoid.
7. Install the solenoid valve (101), and tighten using the flats on the solenoid valve.

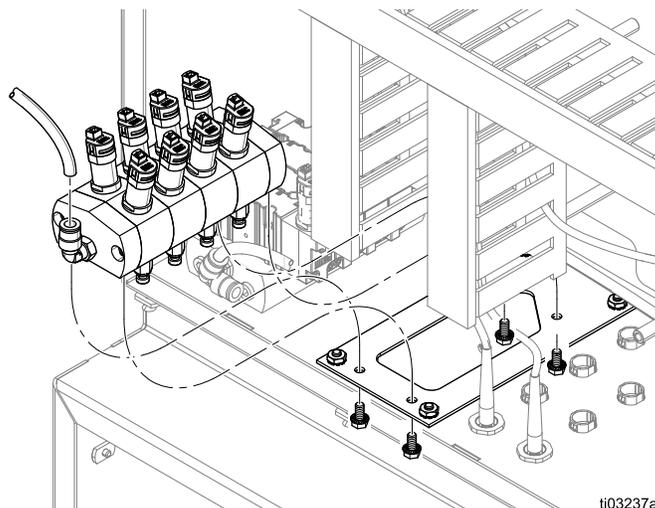


FIG. 2

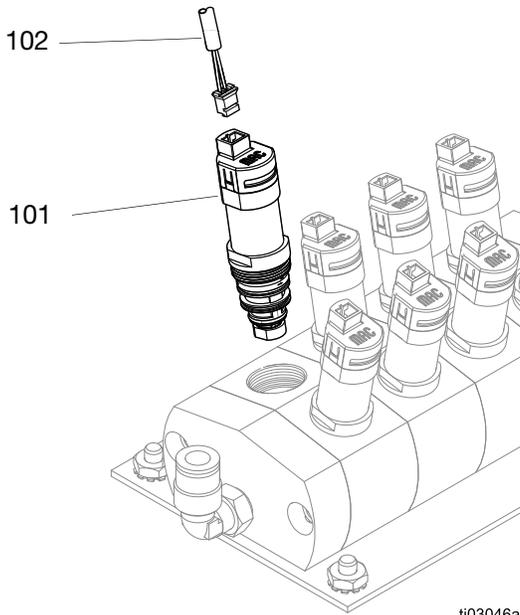
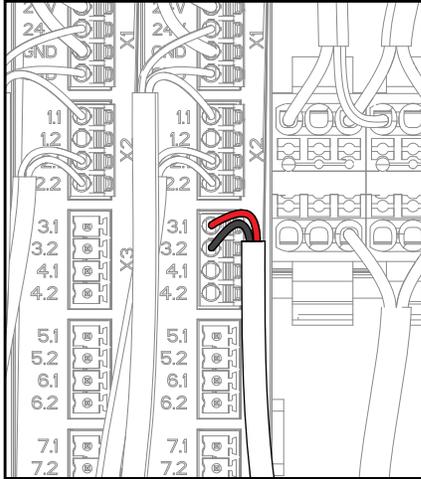
8. Reinstall the mix manifold.
9. Route new air hoses as necessary.
10. Remove the plastic wiring covers on the enclosure, and route wiring to the I/O modules.
11. Install the wires into the next available open ports of the I/O module. See FIG. 3.

NOTE: The solenoids do not have a negative or positive, so placement of specific wire colors is irrelevant. Make sure to install wires in the next pair of open ports on the terminal block.

12. See the ProMix V Package Meter Proportioner Instructions manual to allocate the I/O. See **Related Manuals**, page 2.

Parts

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FIG. 3

Ref.	Part	Description	Qty
101	---	VALVE, solenoid 314 bullet normal location	1
102	---	CABLE, solenoid, fluid control	1

California Proposition 65

CALIFORNIA RESIDENTS

 **WARNING:** Cancer and reproductive harm – www.P65warnings.ca.gov.

Graco Standard Warranty

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.

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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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For the latest information about Graco products, visit www.graco.com.

For patent information, see www.graco.com/patents.

TO PLACE AN ORDER, contact your Graco distributor or call to identify the nearest distributor.

Toll Free Phone Number: 1-800-328-0211

*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.*

Original instructions. This manual contains English. MM X005029

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