

# Bulk Grease Transfer Package

309345G

EN

For transferring bulk grease to a dispense pump in a lubrication system. For professional use only.

## Model No. 244641, 3:1 Bulldog Ram

120 psi (0.8 MPa, 8.3 bar) Maximum Air Input Pressure  
360 psi (2.5 MPa, 25 bar) Maximum Fluid Working Pressure

## Model No. 244848, 3:1 Bulldog Sinker

120 psi (0.8 MPa, 8.3 bar) Maximum Air Input Pressure  
360 psi (2.5 MPa, 25 bar) Maximum Fluid Working Pressure

## Model No. 244905, 50:1 Fire-Ball® 425 Ram

80 psi (0.6 MPa, 5.5 bar) Maximum Air Input Pressure  
4000 psi (27.6 MPa, 276 bar) Maximum Fluid Working Pressure

## Model No. 244906, 75:1 Fire-Ball® 425 Ram

53 psi (0.4 MPa, 3.7 bar) Maximum Air Input Pressure  
4000 psi (27.6 MPa, 276 bar) Maximum Fluid Working Pressure

## Model No. 244642, 5:1 Dynastar® 120 lb Drum

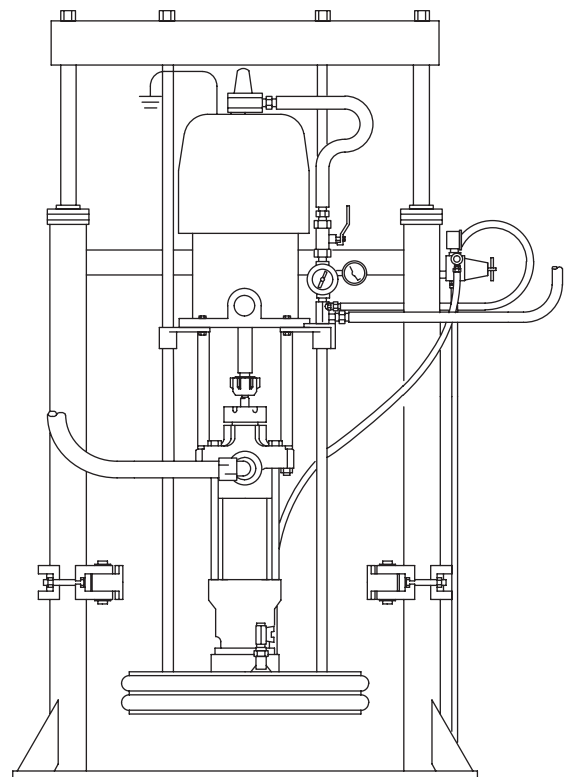
1000 psi (6.9 MPa, 69 bar) Maximum Hydraulic Input Pressure  
5000 psi (34.5 MPa, 345 bar) Maximum Fluid Working Pressure

## Model No. 244643, 5:1 Dynastar® 400 lb Drum

1000 psi (6.9 MPa, 69 bar) Maximum Hydraulic Input Pressure  
5000 psi (34.5 MPa, 345 bar) Maximum Fluid Working Pressure

## Model No. 257589, 50:1 Fire-Ball® 425 Ram

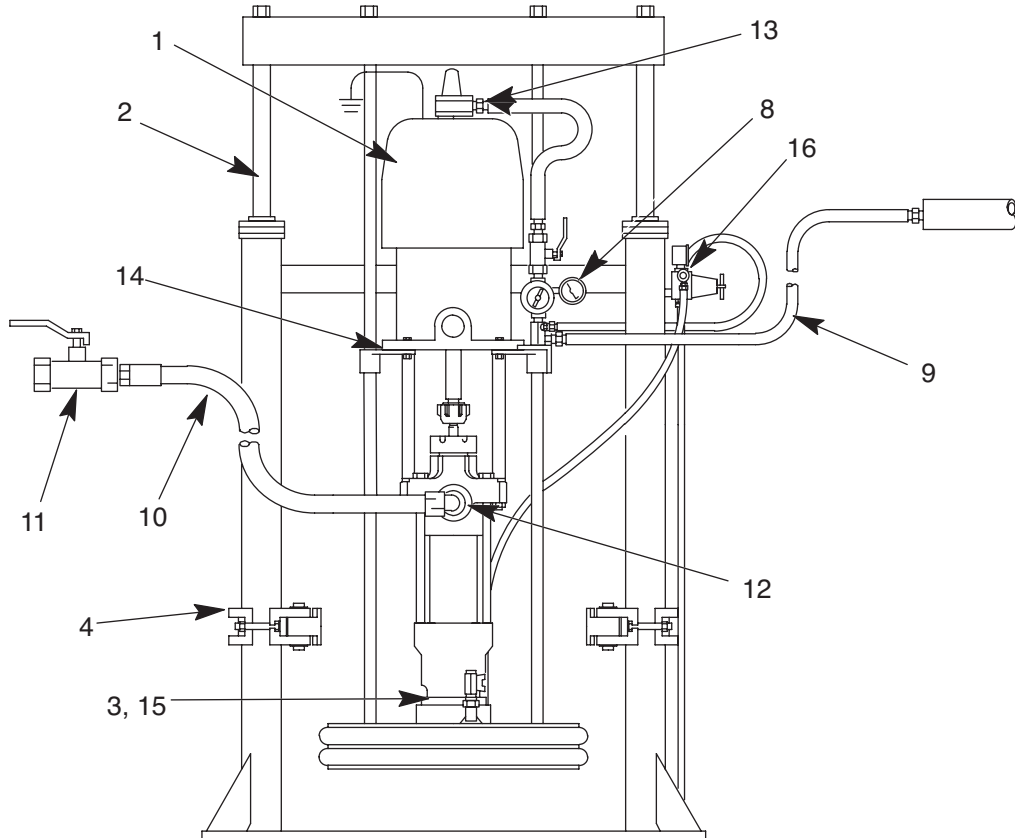
80 psi (0.6 MPa, 5.5 bar) Maximum Air Input Pressure  
4000 psi (27.6 MPa, 276 bar) Maximum Fluid Working Pressure



### Important Safety Instructions

Read all warnings and instructions in this manual. See related manuals for Warnings and installation, operation and service instructions and when necessary, consult your system installer. Save all instructions.

# Installation



**Model No. 244641, 3:1 Bulldog Ram\***  
*(includes 1, 2, 4, 9, 10, 11, 12, 13)*

**Model No. 244848, 3:1 Bulldog Sinker\***  
*(includes 1, 3, 8, 9, 10, 11, 12)*

**Model No. 244905, 50:1 Fire-Ball® 425 Ram\***  
*(includes 1, 2, 3, 9, 13, 14, 15, 16)*

**Model No. 244906, 75:1 Fire-Ball® 425 Ram\***  
*(includes 1, 2, 3, 9, 13, 14, 15, 16)*

**Model No. 244642, 5:1 Dynastar® 120 lb Drum**  
*(includes 1, 5, 6, 7, 10, 11, 12)*

**Model No. 244643, 5:1 Dynastar® 400 lb Drum**  
*(includes 1, 5, 6, 7, 10, 11, 12)*

**Model No. 257589, 50:1 Fire-Ball® 425 Ram\***  
*(includes 1, 2, 3, 13, 14, 15, 16)*

*\*See instruction manual 3A0233 for assembly instructions.*

# Parts

Ref No.	Part No.	Description	Qty.
1	205148	PUMP, 3:1 Bulldog, used on models 244641 and 244848	1
	205395	PUMP, 50:1 Fire-Ball 425, used on models 244905, 257589	1
	239730	PUMP, 75:1 Fire-Ball 425, used on model 244906	1
	224751	PUMP, 5:1 Dynastar, used on model 244642	1
	224752	PUMP, 5:1 Dynastar, used on model 244643	1
2	257435	RAM, used on models 244641, 244905, 244906, 257589	1
3	224266	KIT, inductor, used on models 244905, 244906, 257589	1
	222404	KIT, inductor, used on model 244848	1
4	206537	CLAMP, drum, used on model 244641	1
5	236864	MANIFOLD, hydraulic fluid control, used on models 244642 and 244643	1
6	204574	COVER, drum, used on model 244642	1
	200326	COVER, drum, used on model 244643	1
7	223700	PLATE, follow, used on model 244642	1
	223701	PLATE, follow, used on model 244643	1
8	244845	REGULATOR, air, 3/4" (f), used on model 244848	1
9	208610	HOSE, air, 3/4" ID; 3/4" npt(mbe) x 6 ft, used on models 244641 and 244848	1
	222076	KIT, hose and fitting, used on models 244905 and 244906	1

Ref No.	Part No.	Description	Qty.
10	247969	HOSE, fluid, 2" ID; 2" npt(mbe) x 6 ft, used on models 244641 and 244848	1
	215441	HOSE, fluid, 1/2" ID; 1/2" npt(mbe) x 10 ft, used on 244642 and 244643	1
11	512213	VALVE, fluid shut off; 2" npt(fbe), used on models 244641 and 244848	1
	202869	VALVE, fluid shut off; 1/2" npt(fbe), used on models 244642 and 244643	1
12	116470	ADAPTER, swivel, straight; 2" npt(m) x 2" npsm(f), used on models 24464 and 244848	1
	156684	ADAPTER, swivel, straight; 1/2" npt(m) x 1/2" npsm(f), used on models 244642 and 244643	1
13	157785	SWIVEL, 3/4" npt, used on models 244641, 244905, 244906, 257589	1
14	247337	PLATE, mounting, used on models 244905, 244906 and 257589	1
15	247335	KIT, ram plate seal, used on models 244905, 2449906 and 257589	1
16	107219	BUSHING, 1/2"(f) to 3/4"(m), used on models 244905, 244906, 257589	1

# 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.

**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.

## **FOR GRACO CANADA CUSTOMERS**

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. Les parties reconnaissent avoir convenu que la rédaction du présente document sera en Anglais, ainsi que tous documents, avis et procédures judiciaires exécutés, donnés ou intentés, à la suite de ou en rapport, directement ou indirectement, avec les procédures concernées.

## Graco Information

For the latest information about Graco products, visit [www.graco.com](http://www.graco.com).

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

**Phone:** 612-623-6928 or **Toll Free:** 1-800-533-9655, **Fax:** 612-378-3590

*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.*

*For patent information, see [www.graco.com/patents](http://www.graco.com/patents).*

Original instructions. This manual contains English. MM309345

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

**GRACO INC. AND SUBSIDIARIES • P.O. BOX 1441 • MINNEAPOLIS MN 55440-1441 • USA**

**Copyright 2001, Graco Inc. All Graco manufacturing locations are registered to ISO 9001.**

[www.graco.com](http://www.graco.com)  
Revised March 2016