

# G3 Support Bracket Kit

3A1588A

ENG

Supports G3 pump when installed in mobile installations.

Not for use in explosive atmospheres.

Part No.: 571159



### Important Safety Instructions

Read all warnings and instructions in this manual and the G3 Automatic Lubrication Pump Instruction Manual. Save all instructions.

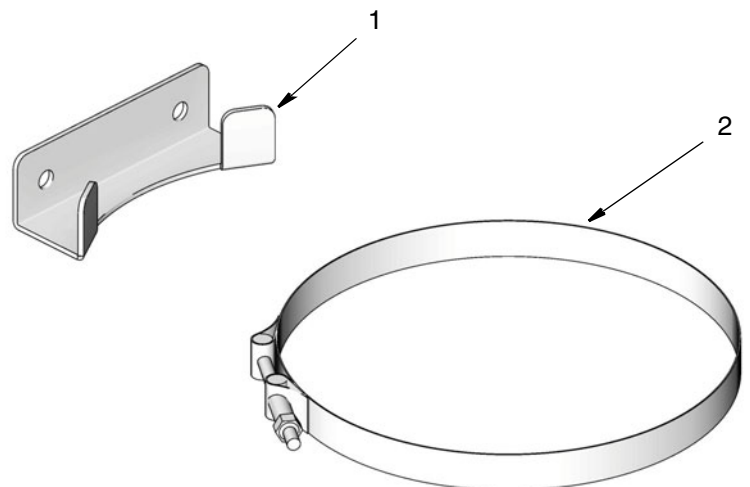
### Parts

#### Ref. Description

- 1 BRACKET, reservoir
- 2 CLAMP, t-bolt, band

#### Qty





- 1
- 1



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# 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 symbol refers to procedure-specific risk. When these symbols appear in the body of this manual, refer back to these warnings. Additional, product-specific warnings may be found throughout the body of this manual where applicable.

 <b>WARNING</b>	
	<p><b>ELECTRIC SHOCK HAZARD</b></p> <p>This equipment must be grounded. Improper grounding, setup, or usage of the system can cause electric shock.</p> <ul style="list-style-type: none"> <li>• Turn off and disconnect power at main switch before disconnecting any cables and before servicing equipment.</li> <li>• Connect only to grounded power source.</li> <li>• All electrical wiring must be done by a qualified electrician and comply with all local codes and regulations.</li> </ul>
	<p><b>SKIN INJECTION HAZARD</b></p> <p>High-pressure fluid from dispense 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. <b>Get immediate surgical treatment.</b></p> <ul style="list-style-type: none"> <li>• Do not point dispense device at anyone or at any part of the body.</li> <li>• Do not put your hand over the fluid outlet.</li> <li>• Do not stop or deflect leaks with your hand, body, glove, or rag.</li> <li>• Follow <b>Pressure Relief Procedure</b> in this manual, when you stop dispensing and before cleaning, checking, or servicing equipment.</li> <li>• Tighten all fluid connections before operating the equipment.</li> <li>• Check hoses and couplings daily. Replace worn or damaged parts immediately.</li> </ul>
	<p><b>MOVING PARTS HAZARD</b></p> <p>Moving parts can pinch or amputate fingers and other body parts.</p> <ul style="list-style-type: none"> <li>• Keep clear of moving parts.</li> <li>• Do not operate equipment with protective guards or covers removed.</li> <li>• Pressurized equipment can start without warning. Before checking, moving, or servicing equipment, follow the <b>Pressure Relief Procedure</b> in this manual. Disconnect power or air supply.</li> </ul>

# Installation Instructions

## Pressure Relief



**Relieve pressure** in system using two wrenches working in opposite directions on pump element and pump element fitting to ***slowly loosen fitting only*** until fitting is loose and no more lubricant or air is leaking from fitting.

**NOTE:** When loosening pump element fitting, do NOT loosen **pump element**. Loosening pump element will change the output volume.

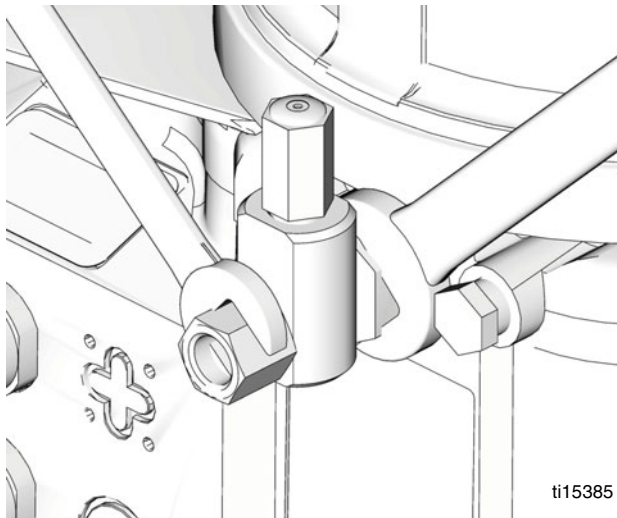


FIG. 1

## Choosing an Installation Location



### AUTOMATIC SYSTEM ACTIVATION HAZARD

Unexpected activation of the system could result in serious injury, including skin injection and amputation.

This device has an automatic timer that activates the pump lubrication system when power is connected or when exiting the programming function. Before you install or remove the lubrication pump from the system, disconnect and isolate all power supplies and relieve all pressure.

- Select a location that will adequately support the weight of the G3 Pump and lubricant, as well as all plumbing and electrical connections.
- To determine the correct location to mount the bracket (1), refer to the mounting hole layouts provided in the Mounting Pattern section of this manual, pages 5 and 6.
- Use designated mounting holes and provided configurations only.

## Bracket Installation

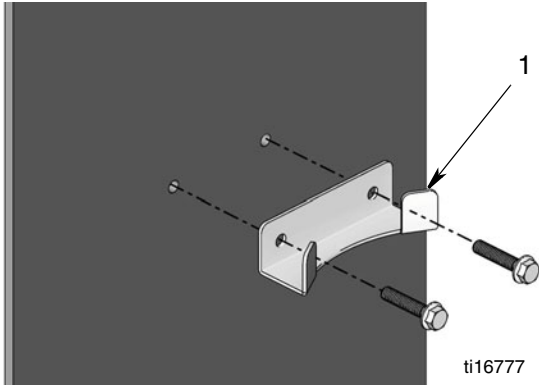


FIG. 2

1. If the G3 pump is already installed either:
  - **Relieve pressure** (see Pressure Relief Procedure) and then remove the G3 from mounting surface to access the mounting panel and install the mounting bracket (1).

### OR

- If accessible with the G3 installed, drill mounting holes through the mounting surface from the backside.

**NOTE:** When drilling from behind, be sure to insert a protective barrier between the G3 pump and the drill bit to ensure you do not damage the G3 pump or reservoir with the drill bit.

2. Completely remove lock nut from band clamp (2) and fully open the band clamp as shown in FIG. 3.



FIG. 3

3. Place the band clamp (2) around the reservoir and over the bracket (1) as shown in FIG. 3 and FIG. 4.

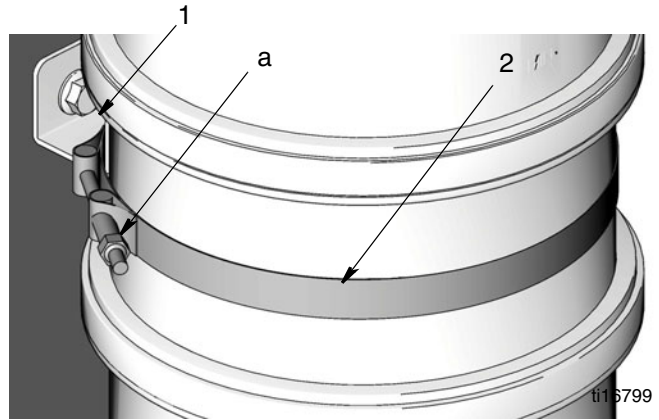


FIG. 4

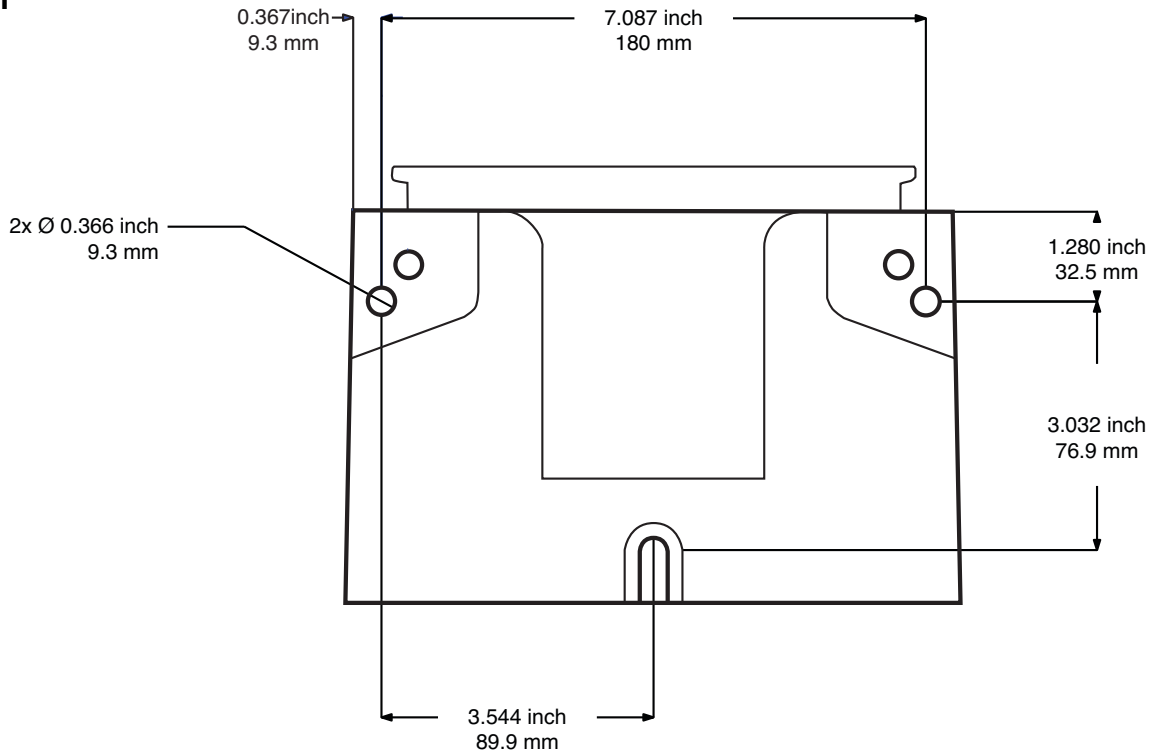
4. Reconnect ends of band clamp. Using a 7/16 inch (11 mm) deep well socket, tighten lock nut (a) securely.

**NOTE:** Do not tighten lock nut beyond 40 inch pounds.

## Mounting Pattern

Refer to dimensions on page 6 to determine the optimal bracket mounting height for your reservoir. The G3 Option 2 dimensions (below) are used to determine the bracket height. When using Option 1, adjust the bracket location as needed.

### Option 1



### Option 2

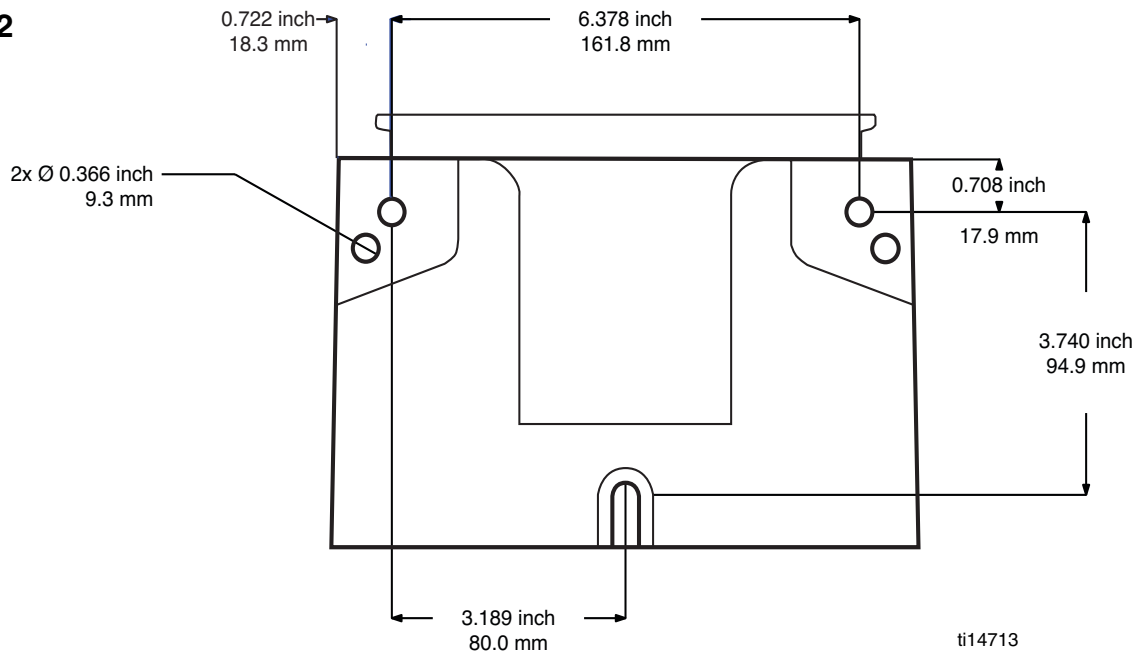


FIG. 5

## Recommended Mounting Bracket Installation Locations

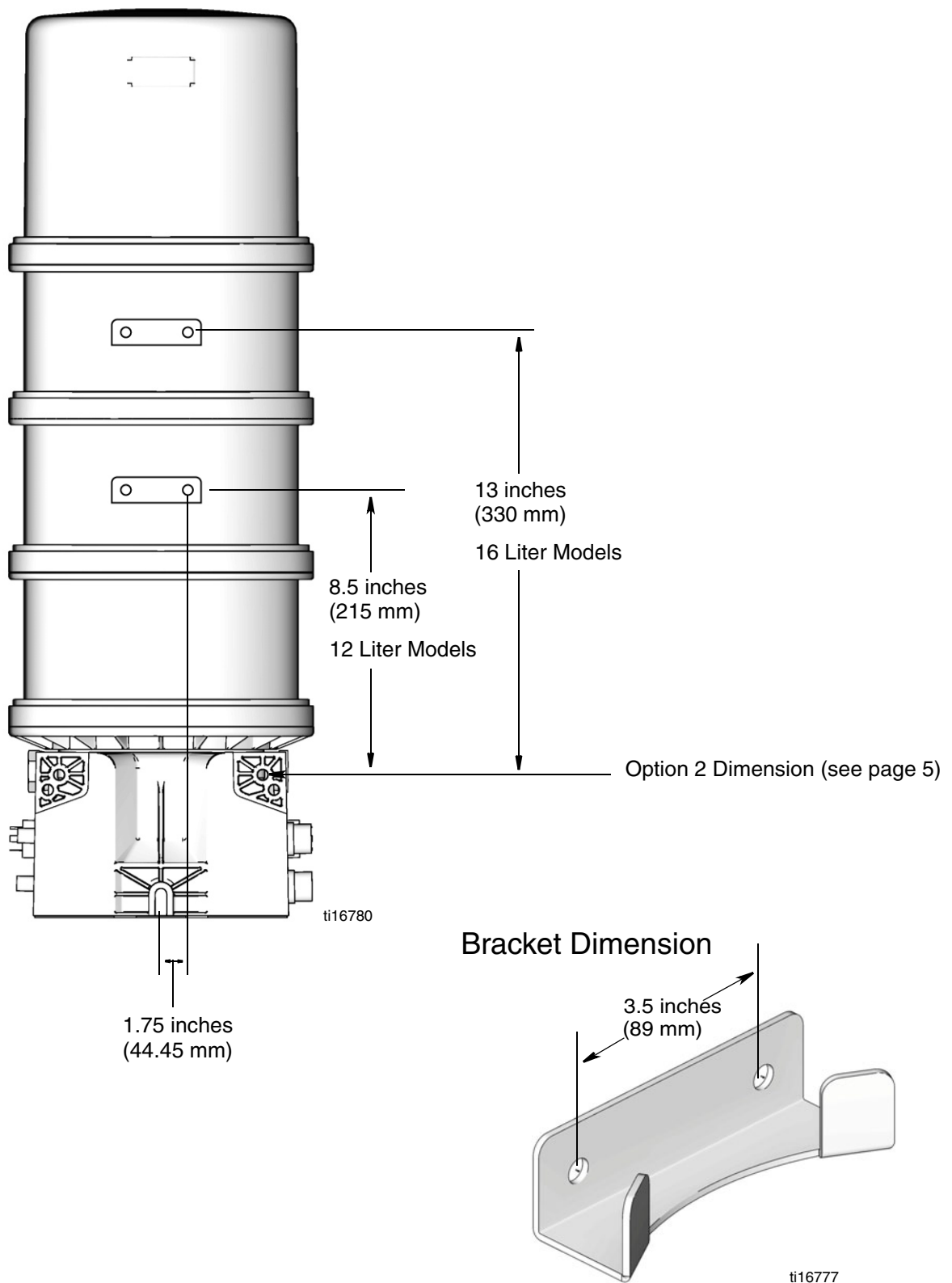


FIG. 6



## 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.  
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Original instructions. This manual contains English. MM 3A1588

**Graco Headquarters:** Minneapolis  
**International Offices:** Belgium, China, Japan, Korea  
**GRACO INC. P.O. BOX 1441 MINNEAPOLIS, MN 55440-1441**

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