

# PosiGROUND™

## Truck Grounding Control System

### Model 672-C



The PosiGROUND™ Model 672-C system represents the state-of-the-art in truck mounted grounding control systems, and will enhance safety in the handling of flammable products by providing a positive indication of proper grounding.

### PosiGROUND™ Features

- The rugged cast aluminum enclosure withstands harsh road and field environments.
- LCD screen is backlit with LED lights for nighttime viewing which operates on 12-volt truck power.
- A 3-Volt Lithium cell operates the controller providing approximately 10 years of lifetime.
- Operation from -40 °C to +65 °C (-40 °F to +150 °F) ambient temperature.

### PosiGROUND™ Benefits

#### Prevents risks - Increases Safety

The Garnet PosiGROUND™ Truck Grounding Control System helps prevent fires and explosions caused by a static discharge that builds up during the transfer of flammable liquids.

Monitors the ground status; activates alarms if the ground connection is lost during transfer.

A spark-free connection at the ground clamp is ensured by low power battery operation and high resistance isolation from the 12-Volt power circuits (horn and shutdown).

Self-diagnostic system checks complete ground circuit and cannot be fooled by a shorted ground cable. The controller continuously shows complete system status on a day and night time display.

The system is disconnected from the warning horn and loading system when the loading system is disengaged.

#### Easy to Install and Operate

The system installs easily with only five wires to connect (ground, ground sense, horn, shutdown, and 12 V display illumination).

#### Service and Warranty

Our professional and knowledgeable technicians are on-call to assist you with any problems you may encounter. Products offer a one-year limited warranty.

**For more information about this product visit our website.**

Printed in Canada

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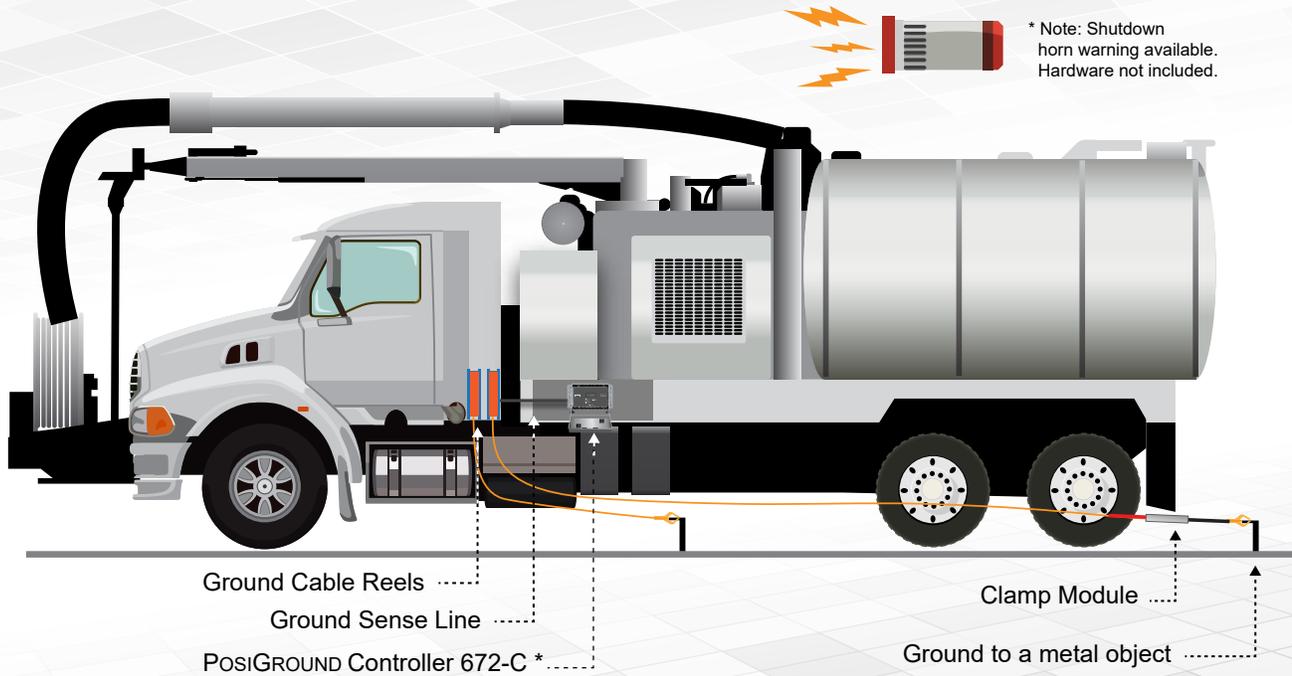
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# GARNET

Liquid management solutions, your way.

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## Principle Operation

The truck-mounted POSIGROUND™ system is powered by an internal 3-Volt battery providing 10-year life. The controller may be placed in the cab or outside near the loading controls. If the ground connection is not made, or is lost during transfer, the warning horn sounds for up to 60 seconds (programmable time), and then the loading system shuts down automatically, protecting your personnel.



## Specifications

Power requirements:	<i>Display:</i> None (operate from internal batteries) <i>Backlight:</i> +12V supplied by truck <i>Alarms:</i> External indicators must provide their own power
Display:	<i>Enclosure material:</i> Cast aluminum <i>Enclosure Size:</i> 226 mm (8 7/8") wide, 143 mm (5 5/8") high, 92 mm (3 5/8") deep <i>Display Type:</i> LCD with LED backlight <i>Display Size:</i> 19 mm (3/4") high digits
Diagnostics:	Display shows different codes depending which mode of operation the display is in.
Programming:	Five programming options, all of which are accessible via two switches on the back of the display. - warning horn delay before shutdown - warning horn steady or oscillating - shutdown mode - engage sensor pullup - engagement sensor polarity. All of the programming options are menu-driven on the display, no external programming equipment required.