

# Instructions

## For

### Dixon Bayco

## FT451 Ground Bolt Installation

### For Sales and Service Contact

#### USA:

Dixon Bayco USA  
Chestertown, Maryland  
Phone: 410-778-2000  
Fax: 410-778-4702  
Toll Free: 800-355-1991  
E-mail: [dixonbayco@dixonvalve.com](mailto:dixonbayco@dixonvalve.com)

#### Canada:

Dixon Group Canada Limited  
Innisfil (Barrie), Ontario  
Phone: 705-436-1125  
Fax: 705-436-6251  
Toll Free: 877-963-4966  
E-mail: [isales@dixongroupcanada.com](mailto:isales@dixongroupcanada.com)

#### Europe:

Dixon Group Europe Ltd  
Preston, England  
Phone: +44 (0)1772 323529  
Fax: +44 (0)1772 314664  
E-mail: [enquiries@dixoneurope.co.uk](mailto:enquiries@dixoneurope.co.uk)

#### Asia Pacific:

Dixon (Asia Pacific) Pty Ltd Wingfield,  
South Australia  
Phone: +61 8 8202 6000  
Fax: +61 8 8202 6099  
E-mail: [enquiries@dixonvalve.com.au](mailto:enquiries@dixonvalve.com.au)

#### Mexico:

Dixva, S. de R.L. de C.V.  
Monterrey, N.L.  
Phone: 01-800-00-DIXON (34966)  
Fax: 01-81-8354-8197  
E-mail: [contactenos@dixonvalve.com.mx](mailto:contactenos@dixonvalve.com.mx)



*The Right Connection®*

[dixonvalve.com](http://dixonvalve.com)

## Installation

This procedure is for the installation of the FT451 Self Proving Grounding Ball.

1. Find a clear location on the trailer main frame support that is within reach of the rack grounding cable. This area is normally near the overfill sockets. Drill a 17/32" hole in the middle area of the frame support. Remove all sharp edges and clean the surface area around the hole.
2. Drill a 1/4" hole approximately 4.0" to the left or right of the 17/32" hole. Clean the area around the 1/4" drilled hole.
3. Crimp the eyelet on the end of the green wire.
4. Mount the ground ball in the 17/32" hole with the round end facing the outside of the trailer. The round ball end is where the rack ground plug is to connect.
5. Fasten the green wire by bolting the eyelet to the frame through the 1/4" hole, using the 1/4" bolt, lock washer, and nut.
6. Apply a small amount of grease on both the 1/2" and 1/4" nuts to block moisture from effecting continuity.



**Do not use electric drills or tools that generate heat, sparks, or use electricity near a petroleum tanker unless the tank has been purged of flammable gases.**

## Dixon Bayco Warranty

For complete warranty information, please refer to the latest Dixon catalog.