



Ground Bolt and Ground Ball

For use with the ST-47 Groundhog and Intellitrol® Series Monitors

Featuring Dynacheck® – Automatic and Continuous Self-Checking Circuitry



Ground Ball



Ground Bolt

DESCRIPTION

If you load at terminals where the Scully Groundhog is incorporated with the existing Scully Overfill Prevention System, you need a Scully Ground Bolt on your vehicle. The Bolt is mounted directly to the vehicle frame and wired to the existing truck-mounted Scully Socket(s). This allows you to perform only one connection for overfill and ground verification.

If you load at terminals which have a Scully Groundhog mounted independently at the rack, with the Scully Ground Plug, you need a Scully Ground Ball mounted directly to your vehicle frame.

The grounding connection is completed with a special quick release plug and cable assembly that plugs onto the ball.

The Scully Ground Bolt and Ball contain “smart” electronic circuitry which offers an intelligent return signal to the Groundhog™ Control Monitor. This “smart” circuitry verifies that a proper connection is made before loading can begin. If the ground connection is broken during the loading operation, the operation ceases.

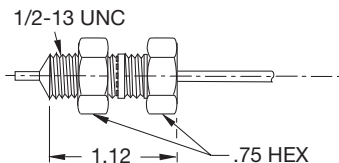
FEATURES AND BENEFITS

- Prevents loading until a proper static ground has been established.
- When used in conjunction with compatible Scully control monitors - Automatically shuts off the loading operation if the ground is broken at any time during loading.
- The Ground Ball or Bolt can be installed easily in a few minutes.
- Provides intelligent grounding verification with self-proving connections to the Ground Ball and Bolt.
- Self-proving feature provides visible proof that a proper vehicle static ground has been made and automatically permits loading.
- Suitable for tank cleaning and other applications where verifiable grounding is needed.
- Known for dependability, maximum safety and service - common to all Scully Systems.

TECHNICAL SPECIFICATIONS

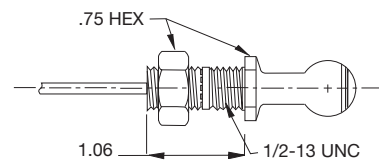
GROUND BOLT

Material: Stainless Steel, Stainless Steel nut and lockwasher.
Thread Size: 1/2 –13 UNC.
Pigtail Length: 72" long.
Installation Torque: 125 inch pounds maximum.



GROUND BALL

Material: Stainless Steel, Stainless Steel nut and lockwasher.
Thread Size: 1/2 –13 UNC.
Ring Lug: 1/4" through hole.
Pigtail Length: 12" long.



ORDERING INFORMATION

Model	Description	Part Number
Ground Ball	Truck Mounted Electronic Ground Proving Ball for Independent Grounding System	08274
Ground Bolt	Truck Mounted Electronic Ground Proving Bolt for Wiring to Overfill Prevention Socket	08560

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Dynamic Self-Testing® Overfill Prevention Systems

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