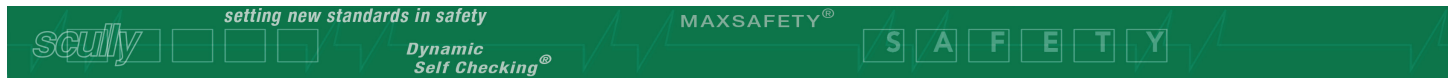


Ground Bolt and Ground Ball

For use with the ST-47 Groundhog Vehicle-Mounted Static Grounding Device

ELECTRONIC
PRODUCT
LINE



Ground Ball



Ground Bolt

Featuring Dynacheck® – Automatic and Continuous Self-Checking Circuitry

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, 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 loading operation, the operation ceases.

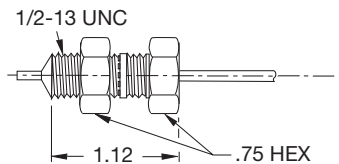
FEATURES AND BENEFITS

- Prevents loading until a proper static ground has been established.
- 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

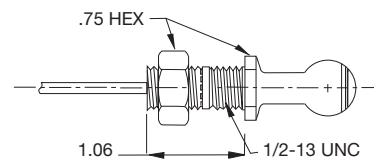
GROUND BOLT

- 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
Ground Bolt	Truck Mounted Electronic Ground Proving Bolt for Wiring to Overfill Prevention Socket with M20 Cable Gland	09011



MaxSafety®
SYSTEMS

Copyright © 2013 Scully Signal Company. Dynacheck, Dynamic Self-Checking, Dynamic Self-Testing, Faylsafe, IntelliCheck, Intellitrol are registered trademarks of Scully Signal Company. All Rights Reserved. Specifications are subject to change without notice.

67037 Rev F
May 2014

Scully Signal Company

70 Industrial Way,
Wilmington, MA 01887-3479, USA
Tel: 800 272 8559 / 617 692 8600
email: sales@scully.com

Scully Systems Europe NV

Eksterveldlaan 31a
2820 Bonheiden / Belgium
Tel: +32 (0) 15 56 00 70
email: info@scully.be

Scully UK Ltd

Meridian House, Unit 33,
37 Road One Winsford Industrial Estate,
Winsford Cheshire CW7 3QG / UK
Tel.: +44 (0) 1606 553805
email: sales@scullyuk.com

