



Ground Bolt and Ground Ball

For use with the Scully Intellitrol® & ST-47C Groundhog Vehicle-Mounted Static Earthing Device

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 earthing verification.

If you load at terminals which have a Scully Groundhog mounted independently at the gantry, 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 earthing connection is broken during the loading operation, the operation ceases.

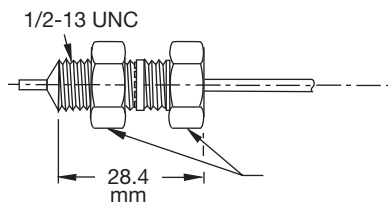
FEATURES AND BENEFITS

- Prevents loading until a proper static earthing 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 earthing verification with self-proving connections to the Ground Ball and Bolt.
- Self-proving feature provides visible proof that a proper vehicle static earthing has been made and automatically permits loading.
- Suitable for tank cleaning and other applications where verifiable earthing is needed.
- Known for dependability, maximum safety and service - common to all Scully Systems.

TECHNICAL SPECIFICATIONS

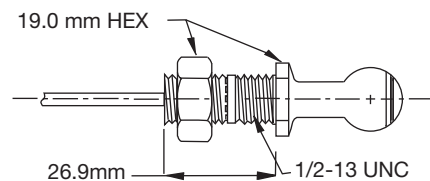
GROUND BOLT

- Material:** Stainless Steel, Stainless Steel nut and lockwasher.
- Thread Size:** 1/2 –13 UNC.
- Pigtail Length:** 1820 mm 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:** 6.3mm through hole.
- Pigtail Length:** 304.0 mm long.



ORDERING INFORMATION

Description	Part Number
Ground Ball, for SC-47 Grounding System	08274
Ground Bolt, with M-20 Strain Relief	09011

Ground Bolts & Ground Balls are ATEX simple apparatus.

Copyright © 2023 Scully Signal Company. Dynacheck, Dynamic Self-Checking, Dynamic Self-Testing, Faylsafe, IntelliCheck, Intellitrol, Load-Anywhere are registered trademarks of Scully Signal Company. All Rights Reserved. Specifications are subject to change without notice.

02-6A
June 2023



Scully Signal Company
800 272 8559
sales@scully.com
Wilmington, MA, USA

Scully Systems Europe NV
+32 (0) 15 56 00 70
sales@scully.be
Mechelen, Belgium

Scully UK Ltd
+44 (0) 1606 553805
sales@scullyuk.com
Winsford Cheshire, UK

Scully Systems India
+91 9821799566
salesindia@scully.com
Maharashtra, India

Dynamic Self-Testing® Overfill Prevention Systems

