

Instructions

For

Dixon Bayco

FT450 Ground Bolt Installation

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The Right Connection[®]

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The FloTech model FT450 Ground Verification Bolt is compatible with the Scully 08560 Ground Bolt. This kit consists of a ½" diameter ground verification bolt containing a semiconductor circuit, a ½" lock washer, a ½" nut, and crimp connectors. The purpose of this device is to provide verification of vehicle ground when loading at a rack which is equipped WITH THE Scully ST47 Ground Verification Monitor.

Installation

1. FOR PROPER OPERATION, THE GROUND VERIFICATION BOLT MUST BE SECURELY MOUNTED TO BARE METAL ON THE VEHICLE CHASSIS! Find a location that will allow the wire from the bolt to reach the appropriate socket pin.
2. Drill a clearance hole (33/64" min) and make sure the surrounding metal is **bare and clean**.
3. Fasten the GV bolt securely using the hardware provided. **DO NOT OVER TIGHTEN!**
4. Route the wire to the socket in a manner that will protect it from damage.

Electrical Connection

1. Connect the wire from the GV bolt to pin 9 of the appropriate socket. A jumper can be used to connect the same ground bolt to two sockets.
2. Check that pin 10 of the socket is connected to the vehicle chassis to ground. If this connection is poor the system may not operate properly.

If you need to load at a load rack that requires a ground bolt and a second load rack that requires pin 9 to be grounded, we suggest using two different sockets. One socket wired with ground bolt and the second socket wired with pin 9 to ground. Do not use switches as these will hold moisture and cause the system to fail.

Maintenance

No maintenance is normally required for this device other than to occasionally check that the bolt is securely fastened, the wire connection is intact, and the area where the bolt contacts the chassis is clean and bare.

Dixon Bayco Warranty

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