

TECH BULLETIN

Bulletin Number:

20020060

Date:

03/14/03

Entity:

Tekonsha Towing Systems

Subject: Prodigy Brake Control Open Ground Display

[Written in Conjunction with Sales Bulletin 20020063](#)

Tekonsha has released new software (Version 2.4) to correct false "o.g" (open ground) displays on Prodigy. The new software will be installed on Prodigys with serial numbers greater than 0130000.

On Prodigys with serial numbers less than 0130001, if a False Open Ground is displayed, the Prodigy will still continue to provide stopping power.

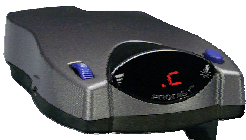
If an "o.g" displays there are three possibilities:

1. The indication is correct and there is a loss of connection from the white wire to the battery ground. For a completely lost ground connection the display will flash "o.g" constantly. This can be verified by disconnecting the trailer connector.
 - a. If the Prodigy display completely disappears when the connector to the trailer is pulled, then Prodigy has lost its ground connection. Repair connection from white wire to ground.
 - b. If the Prodigy display remains when the trailer connector is pulled, refer to condition (3) below.
2. Open Ground flashes when the engine is started with foot on brake pedal:
 - a. This is often a sign of a weak battery and may be cured by replacing the battery.
 - b. The Prodigy will still function properly and the "o.g" should go out in a few seconds.
 - c. If the battery has been tested and found to be in good condition refer to condition (3) below.
3. High-level spikes on the Battery connection are mimicking the signals Prodigy uses to determine that an open ground exists.
 - a. This occurs mostly on diesel models and will flash frequently while driving with or without trailer connected. Contact technical service for upgrade to version 2.4.

Version 2.4 software has new test criteria, which virtually eliminates the generation of false "o.g" displays.

If you experience one of the faults listed above please contact Tekonsha's Technical Service Department or a dealer for Technical Assistance.

Please contact a Technical Service Representative for additional information at 888.785.5832



Thank you, we sincerely appreciate and value your business!

