

# 101 Helpsheet



*World Leaders in Computer Controlled Testing  
Systems for Geotechnical Engineers and Geologists*

Hardware

Standard Controller

PCB Boards, Pre and Post sn 2076

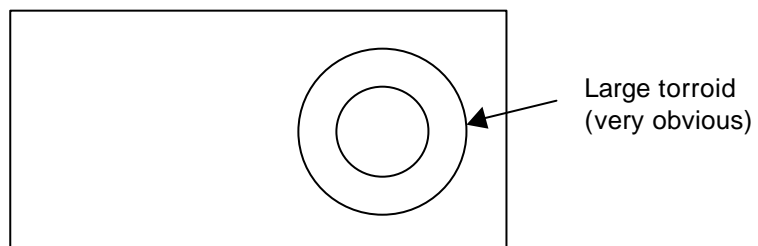
## 1. Introduction

Around the 30th January 1996, all new GDS standard controllers were supplied with a new type of power supply. The new power supply has been fitted to all Standard Controllers of s/n 2076 and above. Any Standard controller with serial number of 2075 or less has an old type power supply.

This has certain consequences when re-installing PCB main boards due to incompatibility between power supplies.

The rules that must be followed are explained as follows:

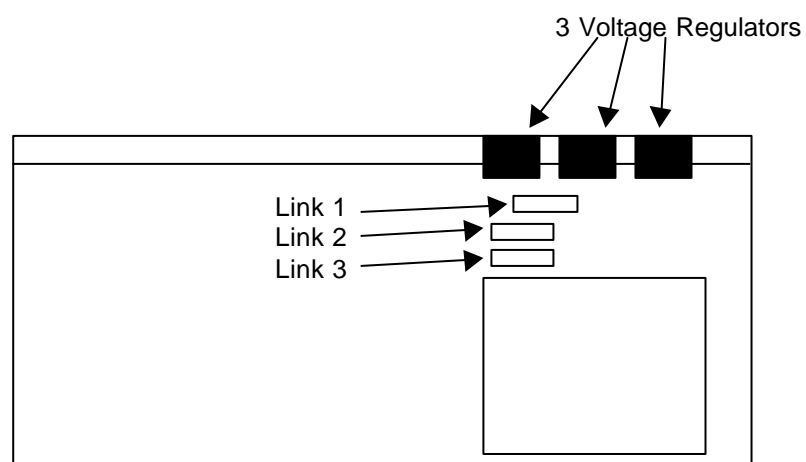
1. Old style power supply (s/n 1 - 2075)



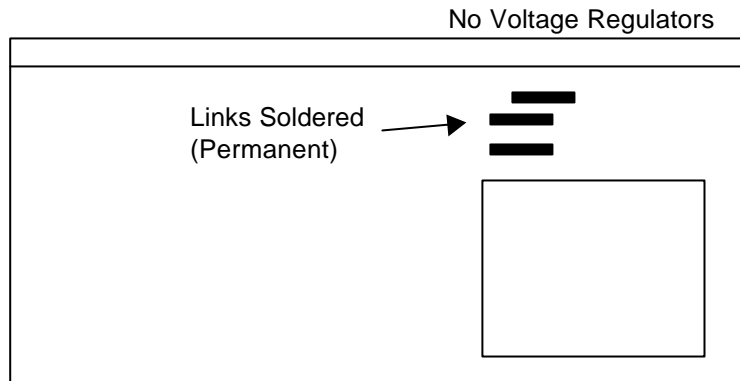
2. New style power supply (s/n 2076 and upwards)



3. Old style PCB (s/n 1 - 2075)



4 New style PCB (s/n 2076 and upwards)



(1) OLD STYLE POWER SUPPLY	+	(3) OLD STYLE PCB <i>(LINKS 1-3 MUST BE <u>REMOVED</u>)</i>	=	0̄ OK
(2) NEW STYLE POWER SUPPLY	+	(4) NEW STYLE PCB	=	0̄ OK
(2) NEW STYLE POWER SUPPLY	+	(3) OLD STYLE PCB <i>(LINKS 1-3 MUST BE <u>IN PLACE</u>)</i>	=	0̄ OK
(1) OLD STYLE POWER SUPPLY	+	(4) NEW STYLE PCB	=	IMPOSSIBLE AND WILL CAUSE SERIOUS DAMAGE