

Model DR4300 Circular Chart Recorder Replacement Instruction

PID Software Upgrade (51198183-501)

Document Number Form: 43-DR-33-80
Effective: 3/98
Supersedes: None

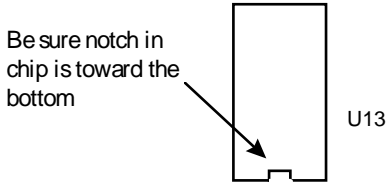
Kit Contents This kit contains a new PID software PROM for use with the Main printed circuit board (part number 51404453-502).

Summary Enclosed is a new PID software PROM for your DR4300 recorder. Use the following procedures to install and configure your recorder for PID control.

WARNING Never access components inside the case with power applied.

Installation Procedure Follow the procedure in Table 1 to install the PROM on the Main printed circuit board.

Table 1 – PROM Installation

Step	Action
1	Power down the recorder. Open the chart door and swing the chart plate out. This permits access to the Main printed circuit board.
2	Use an extraction tool and remove the PROM at Location U13 on the Main printed circuit board.
3	Insert the new PID software PROM into U13 position on the Main board. Make sure all the pins of the PROM are aligned with the socket. <div style="text-align: center; margin-top: 10px;">  <p>Be sure notch in chip is toward the bottom</p> <p>U13</p> </div>
4	Close the chart plate and door.
5	Apply power and check the recorder for proper operation. The recorder should power up and pass all of its power up tests. See the Product Manual supplied with the recorder for details.
6	Configure the recorder for PID control, tuning, and cycle time set up. Refer to Section 4.3 of the Product Manual for procedures.

**Installing the PID
Software Option for
Second Input**

The procedure for installing the PID software option for the second input is the same except that the PROM should be installed on the *Second* Input Main board.
