MODEL: 8571 DigiTOL® PARTS COUNTING SCALE

SUBJECT: CLEARING E3 ERRORS, ADDITION TO BULLETIN I-19-90

Service bulletin I-19-90, describes an E3 error code condition caused by removing power from the Model 8571 scale during calibration. The service bulletin incorrectly states that the 8571 Main PCB, part number *129332 00A, must be replaced to clear an E3 error code. It is possible to clear an E3 error condition by performing the diagnostic test described on page 20 in Section 3 of the troubleshooting section of the 8571 technical manual, TM008571 I01.

The 8571 diagnostic procedure is accessed by powering up the 8571 with TP1 (test point 1) jumpered to logic ground (connector J2, pin 1). Refer to Figure 1 for J2, pin 1 and TP1 location.
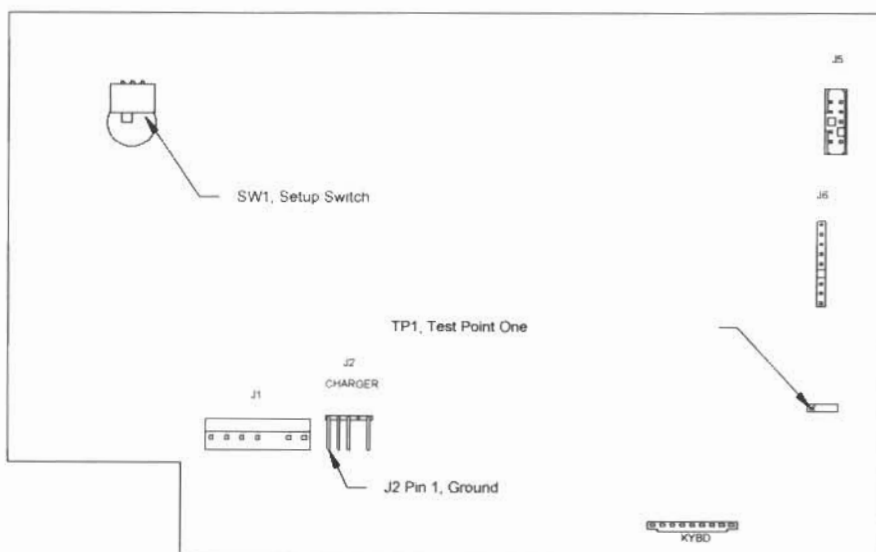

Figure 1 - 8571 Main PCB

Diagnostic Power-up Sequence:

[888888 PCSlbkg] Display Test

All display segments and legends will be activated for two seconds.

[......] Decimal Points

The display will blank and then six decimal points will be shown for two seconds.

[129608] Program Number

The display will blank and then the program number will be displayed. Press the PRINT key to advance to the next display.

[04] Program Revision Level

The display will blank and then the program revision level will be displayed.

Press the PRINT key to advance to the next display.

[1] Program ROM Memory Verify

The display will blank and then a [1] will be displayed as the program rom is checked.

[2] Internal RAM Memory Verify

The display will blank and then a [2] will be displayed as the internal ram is checked.

[3] External RAM Memory Verify

The display will blank and then a [3] will be displayed as the external ram is checked.

[Set on] Turn on Setup Access Switch SW1

The display will blank and then the 8571 will display [Set on] to indicate that the setup switch must be turned on (towards the front of the 8571 enclosure) to continue the diagnostic test.

[4] Reprogram Setup Memory

The Display will blank and then a [4] will be displayed as the setup memory is reprogrammed to default values.

[5] Verify Setup Memory

The display will blank and then a [5] will be displayed as the setup memory is verified.

[6   1] Keyboard test

The display will blank and the begin the keyboard test. At this time the setup memory has been reprogrammed and the diagnostic test can be aborted by removing power from the scale and removing the jumper wire between TP1 and logic ground.

Turn the setup switch SW1 to the off position (towards the rear of the 8571 enclosure) and power-up the 8571. The 8571 will be in the expanded weight display mode. **Enter the setup mode and reprogram and recalibrate the 8571 as normal.**

Refer to the Model 8571 technical manual, TM008571 I01, for setup and calibration procedures.

Add this information to the Model 8571 technical manual, TM008571 I01.