# SCBD Load Cell
## Update Instructions for the 225D

**Cardinal**®
*Cardinal Scale Manufacturing Co.*

**IMPORTANT! Make sure the 225D DLC card has been updated to the current version software (which includes the appropriate SCBD load cell image).**
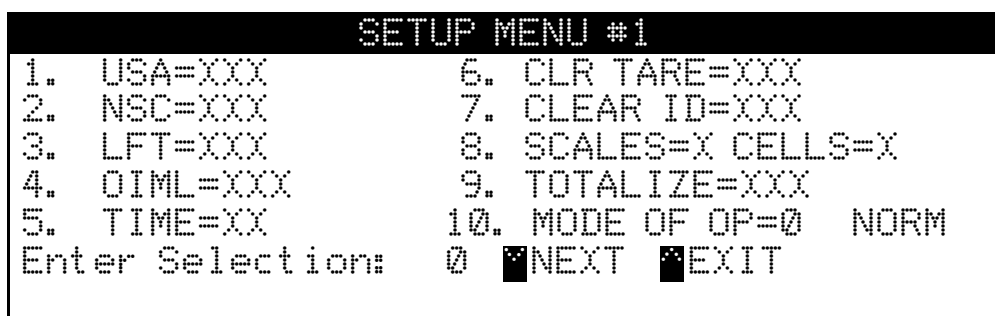
**1.** Turn on power to the 225D. The display should show the normal weight display.
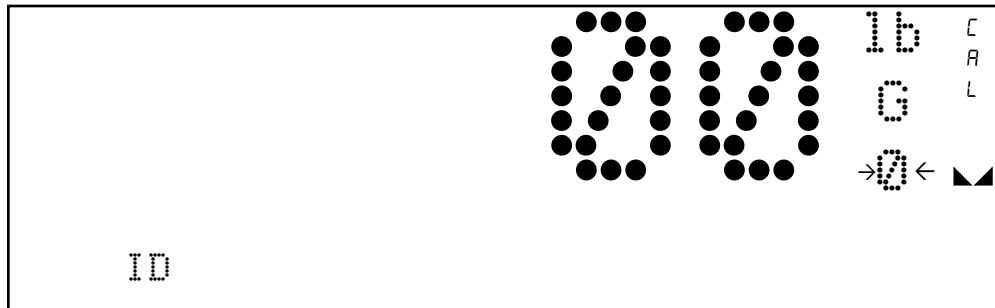


**2.** Press the **SHIFT** key and then press the Navigation **ENTER** key (red square key in the center of the Navigation arrows). The display will change to show the SETUP/REVIEW MENU.

```
          SETUP/REVIEW MENU
1.ENTER CALIBRATION AND SETUP
2.VIEW AUDIT TRAIL COUNTERS
3.CALIBRATE SCALE 1   8.SCALE ID=00
                      9.DEL CUSTOM TICKET
                     10.PRINT SETUP
Enter Selection: 1   ■EXIT
```
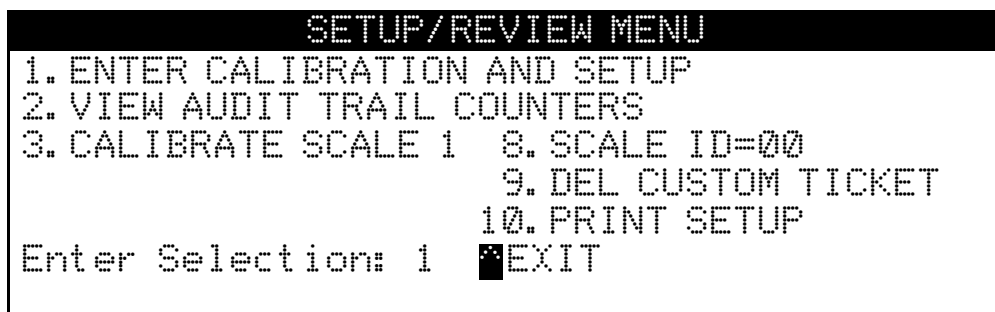
**3.** Press the **1** key and then the **ENTER** key to select ENTER CALIBRATION AND SETUP.

```
            SETUP MENU #1
1.   USA=XXX      6.  CLR TARE=XXX
2.   NSC=XXX      7.  CLEAR ID=XXX
3.   LFT=XXX      8.  SCALES=X CELLS=X
4.   OIML=XXX     9.  TOTALIZE=XXX
5.   TIME=XX     10.  MODE OF OP=0   NORM
Enter Selection:   0  ■NEXT  ■EXIT
```

**4.** Press the **8** key and then the **ENTER** key for the CELL TO SCALE ASSIGNMENT screen. Note that menu selection 8 will show the current number of scales and number of cells.

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**5.** The display will change to show the NO OF SCALES=X (where X = the number of scales). Press the **ENTER** key to keep the current number of scales.

```
            SETUP MENU #1




NO OF SCALES=X
```

**6.** The display will change to show the NO OF CELLS=X (where X = the number of cells). Press the **ENTER** key to keep the current number of cells.

```
            SETUP MENU #1




NO OF CELLS=X
```

**7.** The display will change to show the CELL TO SCALE ASSIGNMENTS. Using the numeric keys, enter **99** and then press the **ENTER** key to update a load cell.

```
      CELL  TO  SCALE  ASSIGNMENTS
1.   CELL 1   SCALE=1  ID=15D64531
2.   CELL 2   SCALE=1  ID=1D6BFF0F  START
3.   CELL 3   SCALE=1  ID=101BA5C1
4.   CELL 4   SCALE=1  ID=0B5B616F  END

Enter Selection: 99    ■NEXT  ■EXIT
                          END NODES    EXIT
```

**8.** Using the numeric keys, enter the load cell ID to update and then press the **ENTER** key.

```
      CELL  TO  SCALE  ASSIGNMENTS
1.   CELL 1   SCALE=1  ID=15D64531
2.   CELL 2   SCALE=1  ID=1D6BFF0F  START
3.   CELL 3   SCALE=1  ID=101BA5C1
4.   CELL 4   SCALE=1  ID=0B5B616F  END

PROG CELL ID  =   15D64531
                          END NODES    EXIT
```

The updating process will begin, and the display will change to show that the process has started.

```
    CELL  TO  SCALE  ASSIGNMENTS
  1.   CELL 1   SCALE=1  ID=15D64531
  2.   CELL 2   SCALE=1  ID=1D6BFF0F   START
  3.   CELL 3   SCALE=1  ID=101BA5C1
  4.   CELL 4   SCALE=1  ID=0B5B616F   END

Starting...
                          END NODES    EXIT
```

**NOTE:** The process may take a couple of minutes to update the load cell. During the updating process, the screen will be updated with the percentage of the process completed.

```
    CELL  TO  SCALE  ASSIGNMENTS
  1.   CELL 1   SCALE=1  ID=15D64531
  2.   CELL 2   SCALE=1  ID=1D6BFF0F   START
  3.   CELL 3   SCALE=1  ID=101BA5C1
  4.   CELL 4   SCALE=1  ID=0B5B616F   END

1/1  0 % comPlete
                          END NODES    EXIT
```

```
    CELL  TO  SCALE  ASSIGNMENTS
  1.   CELL 1   SCALE=1  ID=15D64531
  2.   CELL 2   SCALE=1  ID=1D6BFF0F   START
  3.   CELL 3   SCALE=1  ID=101BA5C1
  4.   CELL 4   SCALE=1  ID=0B5B616F   END

1/1  46 % comPlete
                          END NODES    EXIT
```

```
    CELL  TO  SCALE  ASSIGNMENTS
  1.   CELL 1   SCALE=1  ID=15D64531
  2.   CELL 2   SCALE=1  ID=1D6BFF0F   START
  3.   CELL 3   SCALE=1  ID=101BA5C1
  4.   CELL 4   SCALE=1  ID=0B5B616F   END

1/1  96 % comPlete
                          END NODES    EXIT
```

When the process is finished, the display will briefly show `100 % comPlete` and then the display will return to the ENTER SELECTION prompt.

```
     CELL  TO  SCALE  ASSIGNMENTS
 1.  CELL 1   SCALE=1  ID=15D64531
 2.  CELL 2   SCALE=1  ID=1D6BFF0F  START
 3.  CELL 3   SCALE=1  ID=101BA5C1
 4.  CELL 4   SCALE=1  ID=0B5B616F  END

 1/1 100 % comPlete

                        END NODES     EXIT
```

```
     CELL  TO  SCALE  ASSIGNMENTS
 1.  CELL 1   SCALE=1  ID=15D64531
 2.  CELL 2   SCALE=1  ID=1D6BFF0F  START
 3.  CELL 3   SCALE=1  ID=101BA5C1
 4.  CELL 4   SCALE=1  ID=0B5B616F  END

 Enter Selection:      ■NEXT  ■EXIT
                        END NODES     EXIT
```
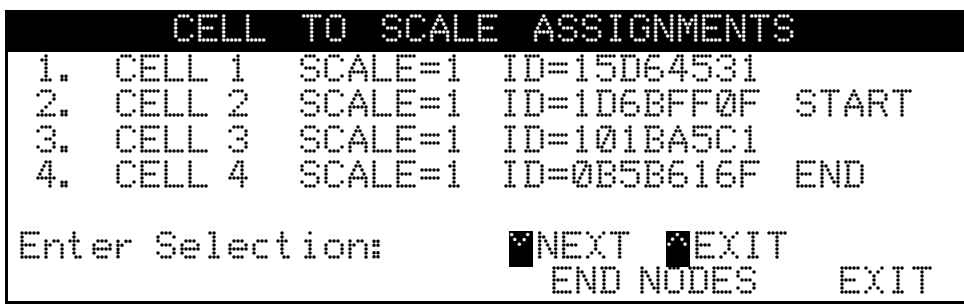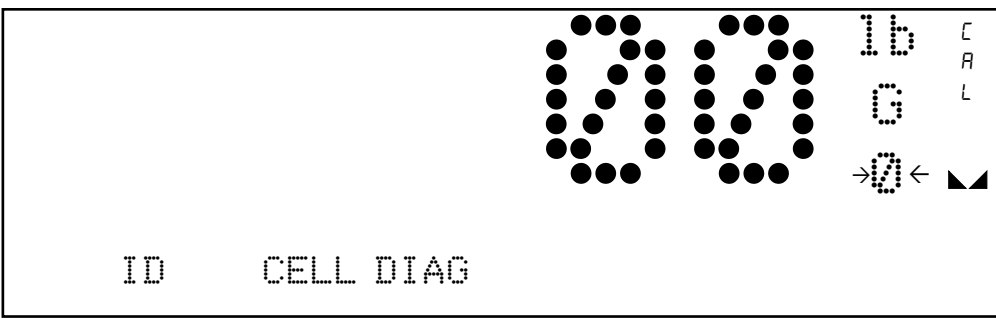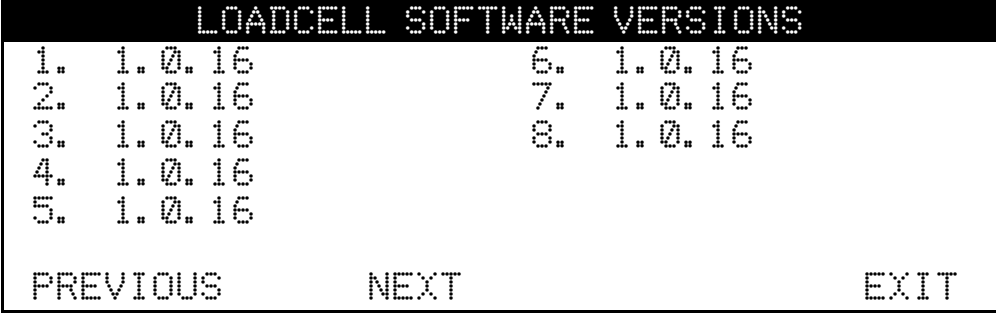
**9.** Repeat steps 7 and 8 to update the remaining load cells.

**10.** When all load cells have been updated, press the **EXIT** key to return to the main screen.

**11.** Press and hold the **SHIFT** key. The display will change to show a **CELL DIAG** soft key.

```
                            00  1b  [
                                    A
                                    L
                                G
                               →0←  ◣◢

         ID      CELL DIAG
```

**12.** Press the **CELL DIAG** soft key, and then press the **NEXT** soft key repeatedly until the display changes to show the LOADCELL SOFTWARE VERSIONS screen.

```
     LOADCELL SOFTWARE VERSIONS
 1.  1.0.16           6.  1.0.16
 2.  1.0.16           7.  1.0.16
 3.  1.0.16           8.  1.0.16
 4.  1.0.16
 5.  1.0.16

 PREVIOUS        NEXT            EXIT
```

**13.** Make sure all load cells show the correct version of the software.

**14.** Press the **EXIT** soft key to return to the normal main weight display.