

Model: 355

Kit Number: 0977-0071

Description: Remote Scale Base Interface Kit

Kit Description

This kit will add a serial interface to the Model 355 to allow use of a remote scale base. The kit contents are shown in Figure 1.

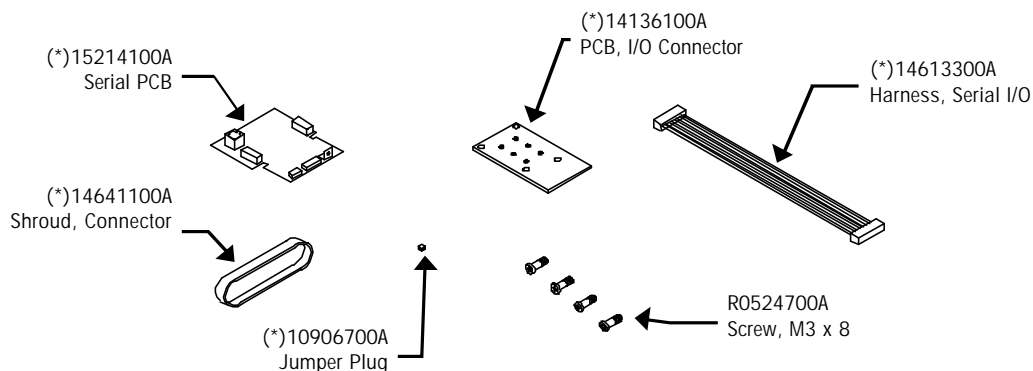


Figure 1: 0977-0071 Kit Contents

Kit Installation

Disconnect the AC power cord from the outlet before proceeding!

Remove the left side cover.

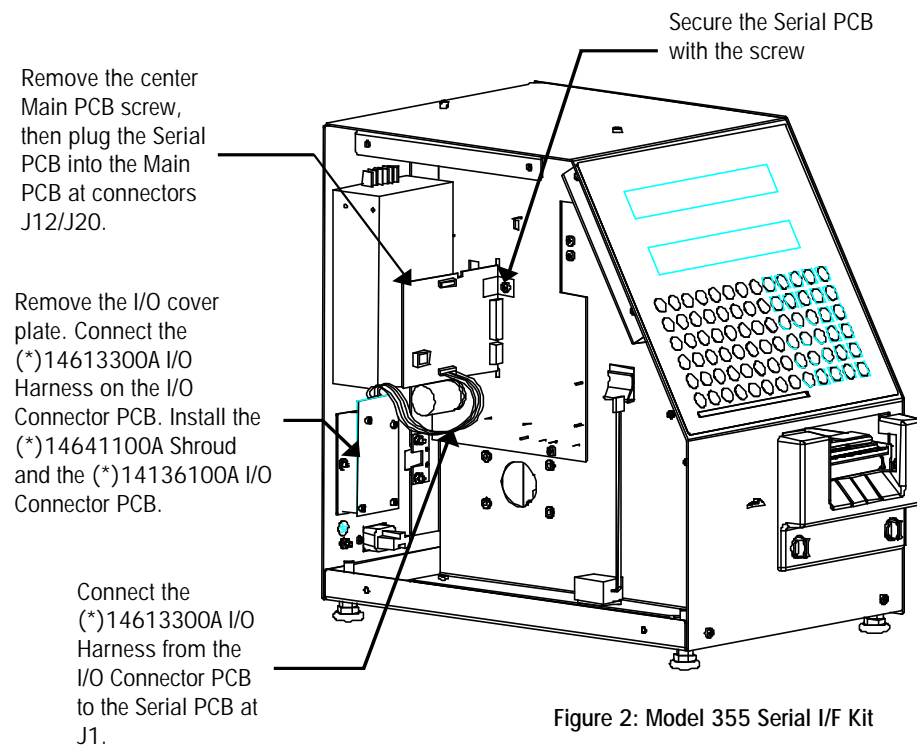
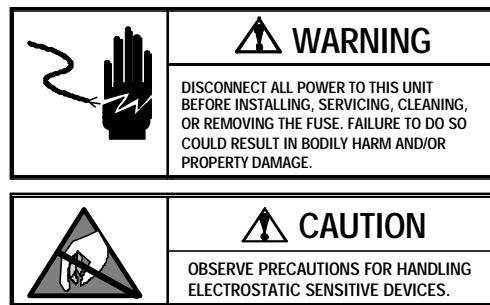


Figure 2: Model 355 Serial I/F Kit



(*) = May have letter prefix.

Connecting to the Model 8270 Remote Scale Base

Disconnect power to the Model 355. Using Cable 0900-0305, connect the DB-9 connector from the Model 8270 scale base to the Scale Interface Port DB-9 connector installed on the Model 355 I/O Connector PCB. The Model 8270 scale base must be installed on a stable level surface. The stability and level is adjusted using the scale feet with the bubble indicator on the scale spider as a reference (Figure 3).

Remove cover plate from Model 8270 scale base and install Jumper P/N (*)10906700A on both pins of W4. The W1 jumper should already be installed from the factory and jumpers W2 and W3 should be open. (See Figure 4.)

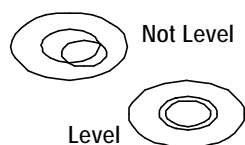


Figure 3: Bubble Indicator

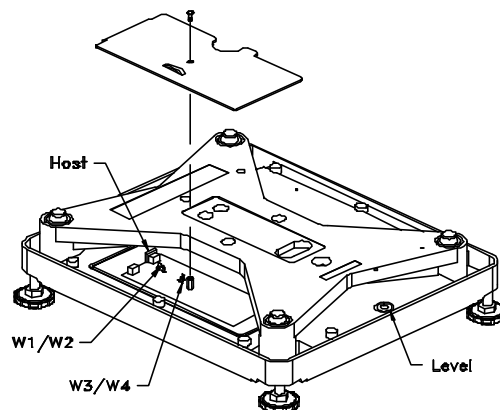


Figure 4: Model 8270 Scale Base

Calibration with the Model 355

Reconnect AC power and place power switch to the ON position. Insert the Setup Mode Keyboard Overlay. (Refer to the Model 355 Service Manual for details and illustrations.)

First press the SETUP MODE key. If asked for a password, press the CAL Switch (located on the unit's left side near the AUX DB9 connector).

Press the CAL key. Press UP or DOWN to display **LOAD CELL**, then press ENTER. Press UP/DOWN to display **EXT-8270**, then press ENTER to accept. Next, press the UP or DOWN keys until **CALIBRATE** displays, then press ENTER. The display will show

EMPTY SCALE, ENTER, indicating to make sure the Model 8270 platter is empty, then press the ENTER key. The lower display will show **CAPTURING ZERO**, while the upper display counts down from 15 to 0 while setting zero. Do not disturb the scale during this procedure. If any errors are reported, refer to the Model 355 Service Manual.

When **LOAD: 20.00** displays, place a minimum of 20 lb or 10 kg on the Model 8270 platter, enter the value of the weight on the platter, then press ENTER. The lower display will show **CAPTURING SPAN...** while the upper display counts down from 15 to zero while setting span. When calibration is complete, the display will show **CALIBRATED!!!**. Press CLEAR until the display returns to **READY**.