

UPGRADE RETROFIT KIT FOR **BALANCE SYSTEM SD DISPLAY**

950-440-K900



BIODEX

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BALANCE SYSTEM SD DISPLAY

This manual covers installation procedures for the following product:

950-440-K900 Retrofit Kit, Balance System SD 12.1" LCD Display

This product can be used with the following products:

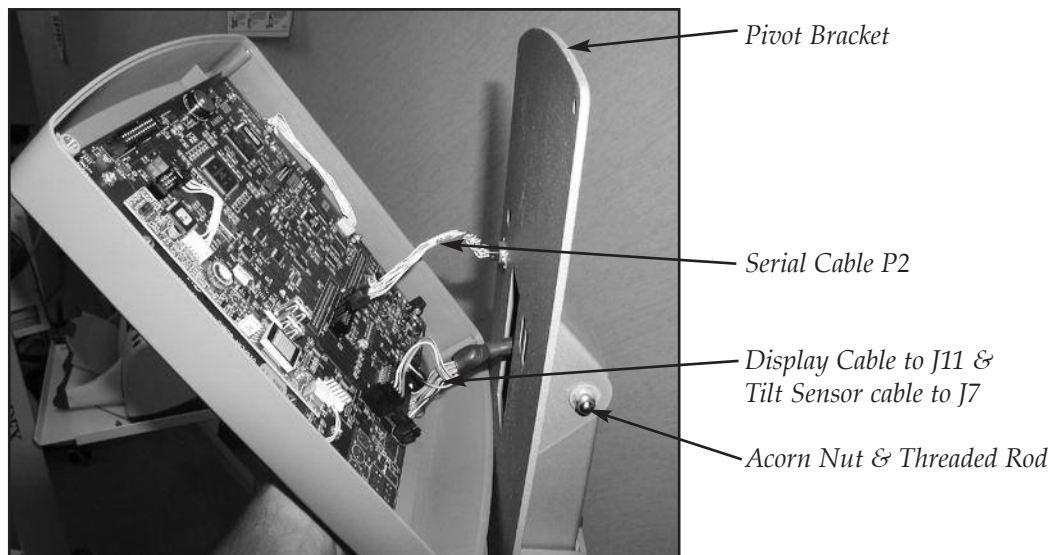
950-300 BALANCE SYSTEM SD, 115V
950-302 BALANCE SYSTEM SD, 230V
950-304 BALANCE SYSTEM SD, 100V

BALANCE SD DISPLAY UPGRADE PROCEDURE

TOOLS NEEDED: PHILLIPS HEAD SCREWDRIVER, 7/16 IN. WRENCH

PARTS NEEDED: RETROFIT KIT P/N 950-440-K900

1. Turn off display and unplug unit from A/C outlet.



2. Remove the existing display from the pivot bracket by removing the (4) Phillips head screws and disconnecting the display cables @ connectors P2, J7 and J11 located at the back of the display.
3. Using a 7/16 in. wrench remove the acorn nut and threaded rod that secures the pivot bracket to the display tube assembly and then remove the existing pivot bracket.



4. Attach the new display pivot bracket from the retrofit kit to the display tube assembly using the same hardware that was used to attach the original display pivot bracket.



Display Cable J7

Tilt Sensor Cable J11

5. Reconnect the main display cable (J7 from original display) and tilt sensor cable (J11 from original display) to the new 12 in. display and attach the display to the pivot bracket using the (4) 10-32 x .38 Phillips head screws that are included with the retrofit kit.
6. Plug unit back into A/C outlet. Perform both platform actuator and tilt sensor calibration procedures (see attached) and then check the unit for normal operation.

BALANCE SD PLATFORM ACTUATOR CALIBRATION

1. Tap the touch screen to turn on the display.
2. Touch <UTILITIES> on the screen.

NOTE: The next step requires pressing the hidden keypads in the upper right and left corners of the display's touch screen.

3. Touch Top-Right Corner, Top-Left Corner, Top-Right Corner successively, to access the <SYSTEM MAINTENANCE> menu on the display.
4. Touch <SYSTEM MAINTENANCE>.
5. Touch <DIAGNOSTICS>
6. Touch <PLATFORM ACTUATOR> on the screen.
7. Press the <DOWN ARROW> on the screen until the motor stalls (bottoms out). Then look at the READING in the bottom right of screen and bring motor up 3 digits.
8. Touch <SET NEW MIN> on the screen to calibrate level 1.
9. Touch and hold the <UP> arrow on the screen until the motor stalls.
10. Touch <SET NEW LOCKED> on the screen to calibrate the locked position.
11. Touch <COMPENSATION> at the bottom of the screen and listen for the actuator. The "arrow" indicator will move also.
12. Touch <BACK> on the screen four times to exit and return to the main screen.

TILT SENSOR CALIBRATION PROCEDURE

1. Install the platform if it's not already installed.
2. Tap the touch screen to turn on the display.
3. Touch "UTILITIES" on the screen.

NOTE: The next step requires pressing the hidden keypads in the upper right and left corners of the display's touch screen.

4. Touch Top-Right Corner, Top-Left Corner, Top-Right Corner successively, to access the "SYSTEM MAINTENANCE" menu on the display.
5. Touch "SYSTEM MAINTENANCE".
6. Touch "DIAGNOSTICS"



CAUTION!: The platform will release when you perform the next step



ATTENTION!: La plate-forme libérera quand vous exécutez la prochaine étape.

7. Touch "TILT SENSOR" to release the platform.
8. Depress the platform to the maximum 9 o'clock position. The "LEFT (min)" window will turn green signifying proper calibration.
9. Depress the platform to the maximum 3 o'clock position. The "RIGHT (max)" window will turn green signifying proper calibration.
10. Depress the Platform to the maximum 6 o'clock position. The "BACKWARD (min)" window will turn green signifying proper calibration.
11. Depress the platform to the Maximum 12 o'clock position. The "FORWARD (max)" window will turn green signifying proper calibration.
12. **YOU MUST** press the **BACK** key 4 times to save and exit the calibration screen.



Certified Quality Management System

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