

CALIBRATION INSTRUCTIONS

Professional Sports/Fitness Scales 4-Button LED Display Console

For models: PS6600 with Serial Numbers containing PSA, PSB or PSC
PS8060, FS0900, FS0950, VS0440, VS0700

This procedure should only be performed to correct any error in calibration. If in doubt, please call the Befour service department at 1-800-367-7109.

You will need a phillips screwdriver and small flat screwdriver for this procedure.

1. Turn the scale on and wait for the scale to display '.0'.
2. Place an accurately known "sure" weight on the scale platform. A "sure" weight is a weight that has been accurately calibrated and its license is traceable to NBS weights & measures. A minimum of 100 lbs. is required for calibration, while higher weights will yield better accuracy.

IMPORTANT NOTE: Weight room free weights or Olympic weights are **not** normally suitable to use as check weights as they may vary from their stated value. Using several of these types of weights will compound the total weight error. If you do not have access to "sure weights," use a weight that has been weighed on a scale **you are certain is accurate**.

3. If the display reads a weight other than the "sure" weight (more than +/- 0.1 lbs.), the scale is out of calibration. Continue with steps 4 - 6 to calibrate. If the error is more than 8 lbs., calibration may not be able to correct it. Please call Befour Service Department for further information.
4. Remove the upper 2 screws (front-most, closest to buttons) from each side of the control console. Slightly loosen the bottom 2 screws on each side, but do not completely remove them. Lift off the top portion of the readout console. ***Be careful!*** The top portion you remove is attached to the circuit board and bottom portion of the console with a short ribbon cable.
5. Looking at the front edge of the circuit board near the center you will see a small brass adjustment screw. (Diagram 1.) Turn that screw in *small increments*. Turn **CLOCKWISE** to increase the weight or **COUNTER-CLOCKWISE** to decrease the weight.
6. Remove weight from platform and depress the **ZERO** (or **TARE** on older models) button. Wait for a '.0' reading on the console. Again add a "sure weight" to the platform. If the reading matches the "sure weight," no further adjustment is necessary. If reading does not match weight, repeat steps 5 – 6 until a correct reading is obtained.
7. When finished calibrating, place the top portion of the readout back onto lower portion of the console. Replace and tighten all screws.

NOTE: Although the scale will permit a calibration weight as low as 100 pounds (45 kg.), for the most accurate operation, a known weight of at least 200 pounds (90 kg.) is recommended.



Diagram 1: Location of brass adjustment screw.

