



INSTRUCTIONS FOR RETURNING BW-LPD-D4000 FOR CALIBRATION SERVICE

If you are unsure which items to send back, all pieces needed for calibration will have calibration stickers on them.

COMPONENTS REQUIRED

- BW-4000 CONTROL CONSOLE
- BW-004(XL) TEST FIXTURE
- BW-012 SENSITIVITY TEST UNIT (STU)
- BW-155XL STU ULTRASONIC TRANSDUCER and CABLE
- BW-4015 OSCILLOSCOPE (OPTIONAL)
- 3200M7 SHOCK ACCELEROMETER and CABLE (optional)

NOTE: the BW-100C Shaker and the BW-PA-4000 Power Amplifier are not needed for calibration and are not recommended to be shipped to reduce the risk of damage and shipping costs. A host shaker, amplifier and cable set will be used to calibrate your system.

TOOLS REQUIRED

- Phillips Screwdriver
- 3/32" and 5/32" Allen Wrenches

DISASSEMBLY

Remove all the cable inputs to back panel of BW-4000 control console. Remove the front half of the bench top (if BW-4017 PIND Station Test Bench is used) by removing the four Phillips screws located underneath the bench top. Disconnect the three cables to the BW-004(XL) terminal block. Remove the two 3/32" Allen screws that hold the terminal block to the shaker degaussing magnet (BW-020). Use caution to assure the flex cable is not stressed. Remove the BW-004(XL) Test Fixture from the shaker by removing the four 5/32" Allen screws on the base plate. Fasten the BW-004(XL) Test Fixture to a 4" x 8" piece of cardboard to prevent damage to the flex cable during shipping and handling. You may include any cables that need repair or you would like to have tested.

PACKAGING

Place the BW-4000 in APPROX. 24"X24"12" box and pad with bubble wrap. Place BW-004(XL) in approx 4"x4"x8" box and pad with bubble wrap and place in box next to BW-4000. Place BW-012 & BW-155(XL) in box next to BW-D4000 and BW-004(XL). Fill any remaining cavities with foam or bubble wrap. Securely tape shut and return to B&W Engineering at address below.

[B & W Engineering Corp., 3303 Harbor Blvd., E-1, Costa Mesa, CA 92626 714- 540-9975 Fax 714-540-2662](#)