



INSTRUCTIONS FOR RETURNING BW-LPD-B2000 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-2000 CONTROL CONSOLE
- BW-004(XL) TEST FIXTURE
- BW-012 SENSITIVITY TEST UNIT (STU)
- BW-155XL STU ULTRASONIC TRANSDUCER and CABLE
- BW-4015 OSCILLOSCOPE (OPTIONAL)
- BW-021 SHOCK ACCELEROMETER and POWER SUPPLY (optional)

NOTE: the BW-100C Shaker is not needed for calibration and is not recommended to be shipped to reduce the risk of damage and shipping costs. A host shaker will be used to calibrate your system.

TOOLS REQUIRED

- Small blade screwdriver
- 5/32" Allen Wrenches

DISASSEMBLY

Remove all the cable inputs to back panel of BW-2000 control console. Disconnect the three cables to the BW-004(XL) terminal block. Unscrew the red cable to the accelerometer. Break the two-sided tape mount holding the terminal block of the BW-004 to the shaker by inserting the blade screwdriver between the tape mount and gently prying apart. 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 bolts on the base plate. Fasten the BW-004(XL) Test Fixture to a 4" x 8" piece of cardboard or other rigid material to prevent damage to the flex cable during shipping and handling. You may include any cables that need repair.

PACKAGING

Place the BW-2000 in APPROX. 24"x24"x18" box and pad with bubble wrap or foam material. Pack BW-015 in approx. 16"x16"x16" 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-015. Place BW-012 & BW-155(XL) in box next to BW-015 and BW-004(XL). Fill any remaining cavities with foam or bubble wrap. Securely tape boxes 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](#)