



## INSTRUCTIONS FOR RETURNING BW-LPD-D4000 FOR CALIBRATION SERVICE

### COMPONENTS REQUIRED

BW-4000 CONTROL CONSOLE  
BW-004(XL) TEST FIXTURE  
BW-012 SENSITIVITY TEST UNIT (STU)  
BW-155(XL) 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 recommended to not be shipped to reduce 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 cable inputs to back panel of BW-4000 control console. Remove front half of 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 or other rigid material to prevent damage to the flex cable during shipping and handling. You may include any cables that need repair or test.

### PACKAGING

Place BW-D4000 in approx. 24" x 24" x 12" box and pad with bubble wrap. Place BW-004(XL) in approx. 4" x 4" x 8" box and pad with bubble wrap and place in box next to BW-4000. Place BW-012 and BW-155(XL) in box next to BW-D4000 and BW-004(XL). Fill any remaining cavities with foam or bubble wrap. Securely tape box shut and return to B&W Engineering at address below.

Should you have any questions or concerns please notify B&W Engineering Corp.