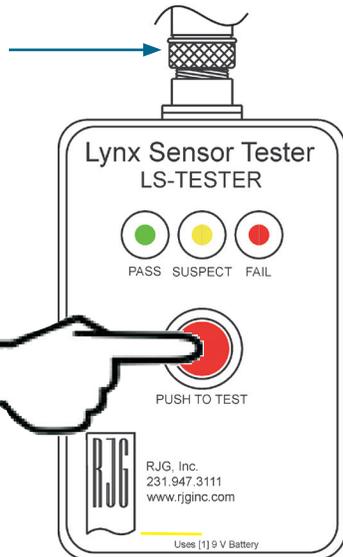




## LYNX SENSOR TESTER OPERATING INSTRUCTIONS

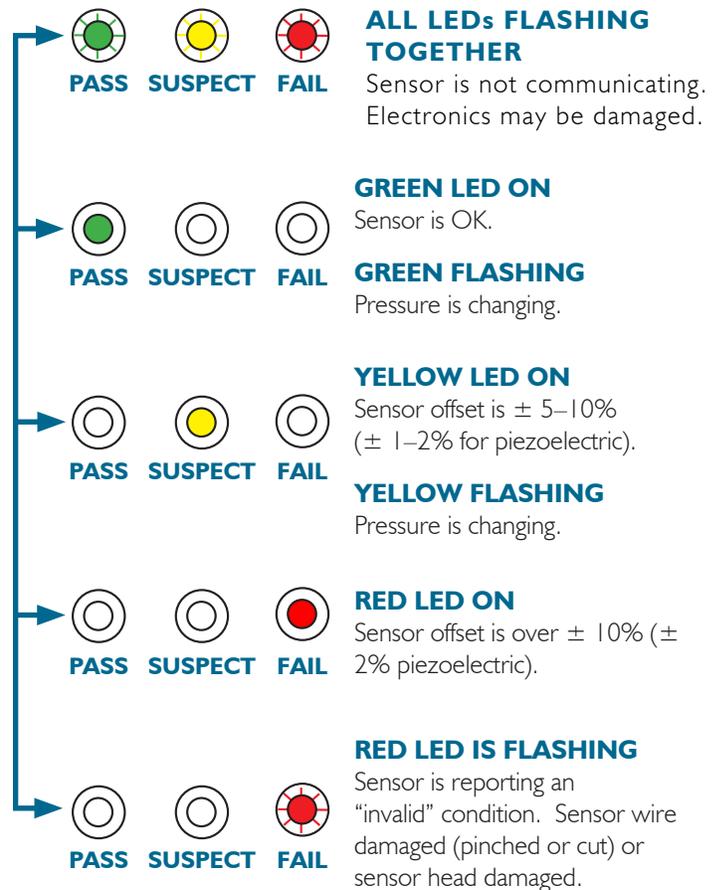
### LS-TESTER

1. Connect directly  
to each sensor to  
be tested.



2. Push and hold  
for duration of  
the test.

3. If the LEDs  
are flashing in  
sequence, the  
tester is processing



**The Lynx™ Sensor Tester works with RJG Lynx strain gage and piezoelectric force sensors only.**

## TESTING STRATEGIES

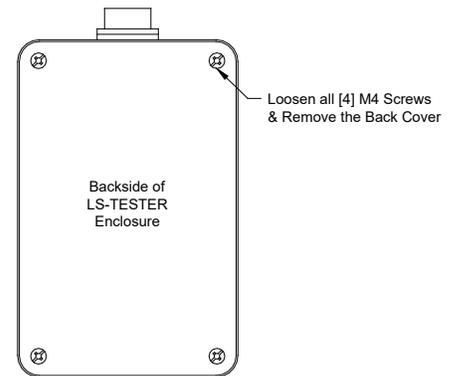
- During assembly of the mold check the sensors at each step that might apply pre-loading or side loads to the sensor; e.g. just after the clamp plate is assembled.
- After assembling the mold, press on each sensor or ejector pin to ensure that the force can be applied to the sensor. While the force is applied, the green or yellow LED will flash. When the force reaches 10% (2% for piezoelectric) the red LED will stay on. If no lights flash, the lack of clearance is preventing movement.
- Piezoelectric sensors will start with the green LED on. If you see a change to yellow or red without pressing on the sensor then the sensor wire is damaged or the connections are dirty. If the green light does not flash when you apply force to the piezoelectric sensor then the sensor wire is probably broken or disconnected.
- If a sensor is "suspect" (yellow LED is On) it may have side loading which can cause it to fail in operation. If it passes when removed from the mold check the pocket for improper radius or bending of the sensor stem. If it remains suspect when removed from the mold then it should be returned for re-calibration.
- If a sensor is "failed" (red LED is On) remove it from the mold assembly and check it again. If it passes (green) out of the mold then it is being preloaded or side loaded when installed. If it does not pass then it is permanently damaged and must be returned for repair.

## INSTALLING OR REPLACING A NEW 9V BATTERY

### 1. Open Enclosure/Remove Cover

- Remove the four M4 screws from the back of the LS-TESTER enclosure to open the enclosure (reference figure 1).

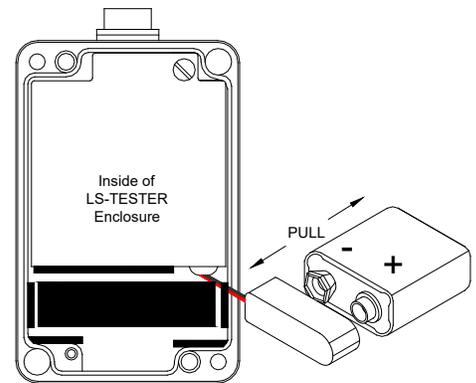
Figure 1. Back of Sensor Tester



### 2. Remove Old Battery

- If replacing an existing battery, remove the battery by lifting it out of the enclosure and disconnecting it from the 9 V battery snap connector (reference figure 2).

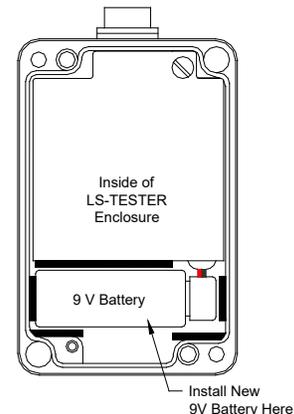
Figure 2. Remove Battery



### 3. Install New Battery; Replace Cover

- Install a new 9 V battery; connect it to the 9 V battery snap connector & reinsert battery into the LS-TESTER. Replace the back cover & tighten down the M4 screws (reference figure 3)

Figure 3. Replace Battery



### 4. Discard Old Battery

- Discard the used battery by recycling.

## RJG, INC. STANDARD WARRANTY

RJG, Inc. is confident in the quality and robustness of the LS-TESTER, and so are offering a one-year warranty. RJG's LS-TESTER is guaranteed against defects in material and workmanship for one year from the original date of purchase. The warranty is void if it is determined that the equipment was subjected to abuse or neglect beyond the normal wear and tear of field use, or in the event the equipment has been opened by the customer.

## PRODUCT DISCLAIMER

RJG, Inc. is not responsible for the improper installation of this equipment, or any other equipment RJG manufactures. Proper RJG equipment installation does not interfere with original equipment safety features of the machine. Safety mechanisms on all machines should never be removed.