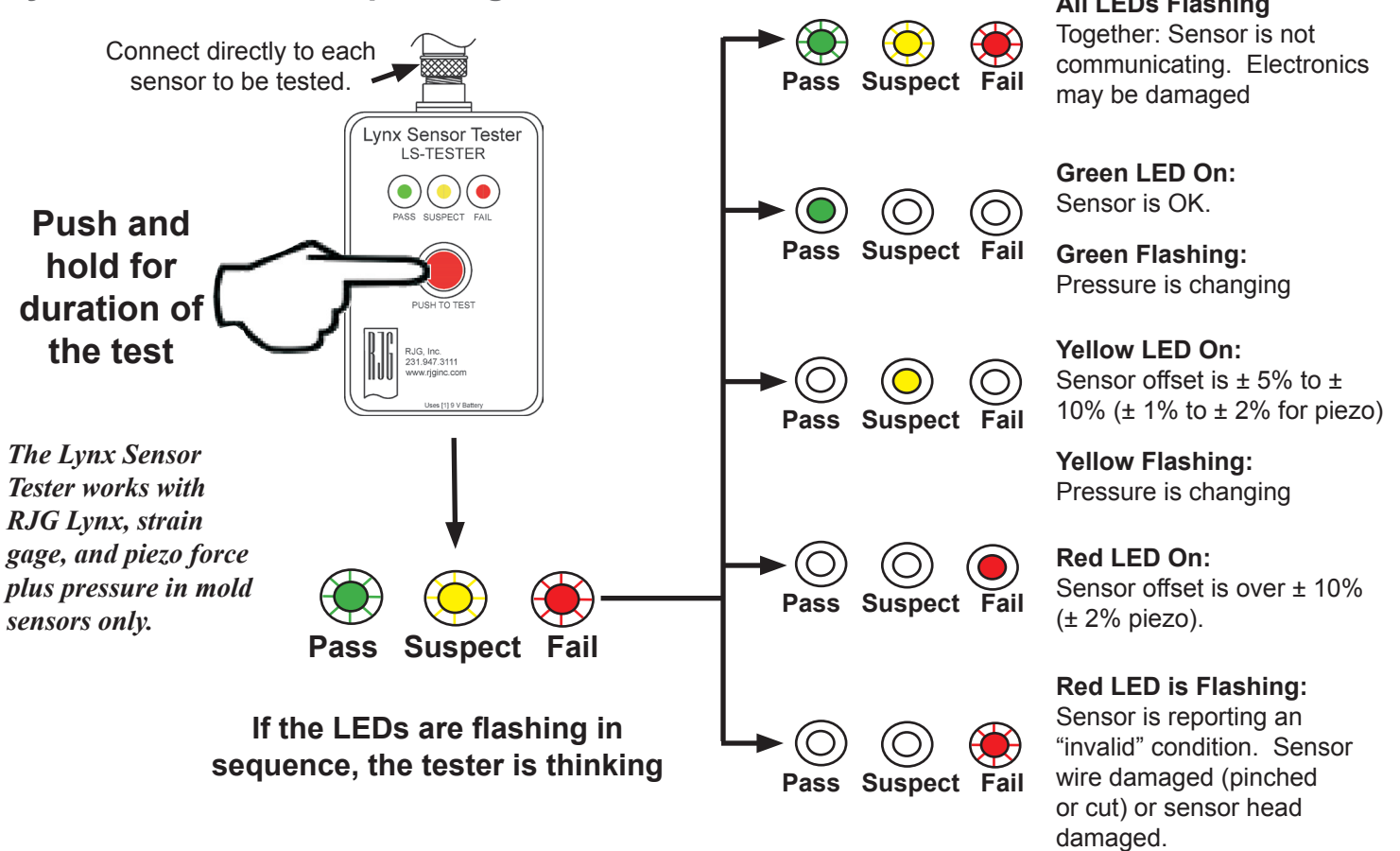


# Lynx Sensor Tester Operating Instructions



## 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 piezo) the red LED will stay on. If no lights flash, the lack of clearance is preventing movement.
- Piezo 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 piezo 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

- Removing the four M4 screws from the back of the LS-TESTER enclosure opens the enclosure. Reference Figure 1.
- If replacing an existing battery, remove the battery by lifting it out of the enclosure and disconnecting it from the 9V battery snap connector. Reference Figure 2.
- Install a new 9V battery by connecting it to the 9V battery snap connector & reinserting it into the LSTESTER. Replace the back cover & tighten down the M4 screws. Reference Figure 3. Dispose of the used battery by recycling.

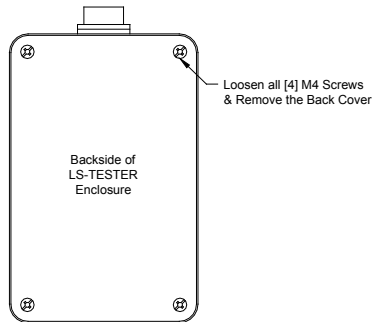


Figure 1: Back of Sensor Tester

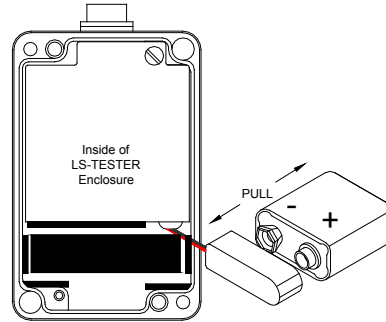


Figure 2: Remove Battery

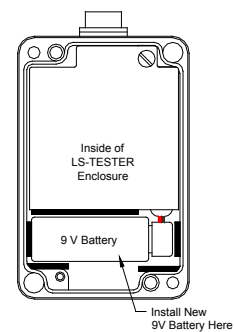


Figure 3: Replace Battery



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