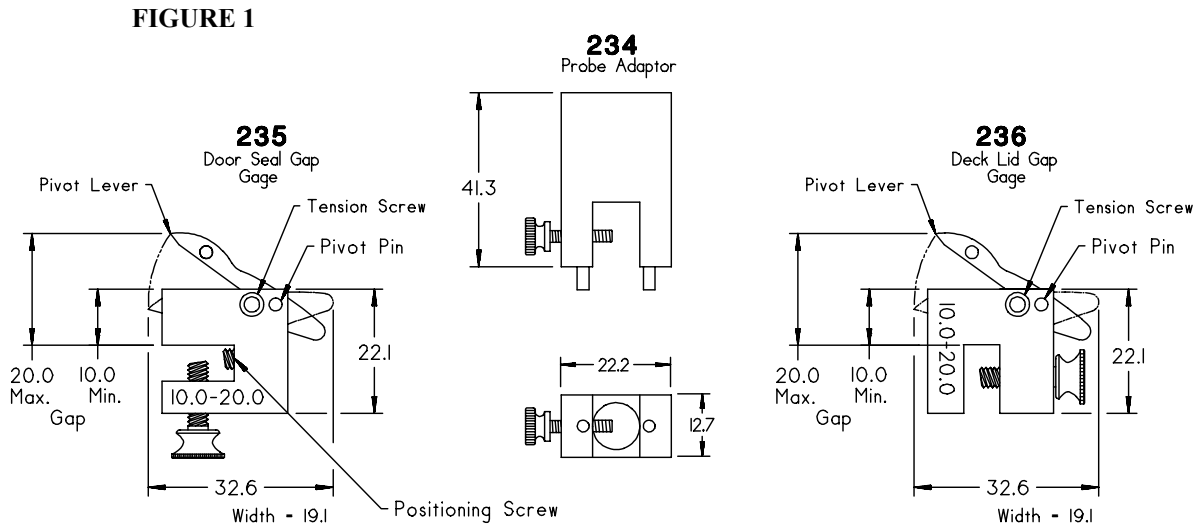


## LINEAR MEASUREMENT INSTRUMENTS, Corp.

Research, Development and Manufacturing of Precision Measuring Systems

### LMI 235 DOOR SEAL GAP GAGE AND LMI 236 DECKLID GAP GAGE INSTRUCTIONS



**NOTE:** Both the LMI 235 Door Seal Gap Gage and the LMI 236 Decklid Gap Gage require the LMI 234 Probe Adaptor to obtain readings using the LMI 200-SB Probe Transducer with the LMI 036 Disc tip installed.

**SPECIAL NOTE:** Prior to using the LMI 235 Door Seal Gap Gage and the LMI 236 Decklid Gap Gage, the pivot lever tension should be checked and adjusted if needed.

Proper tension is necessary to insure an accurate gage reading. If the tension is too weak, the spring pressure from the LMI 200-SB Probe may deflect the pivot lever to give a false reading. At the other extreme, if the tension is too great, the door may not close to its proper position. The correct tension will allow the lever to pivot, yet not be deflected by the force from the LMI 200-SB Probe when the pivot lever is at its minimum and maximum travel.

To change the tension on the pivot lever, adjust the tension screw as needed. (see Fig. 1).

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## LMI 235 DOOR SEAL GAP GAGE

The LMI 235 Door Seal Gap Gage was designed to replace clay, feeler gages, calipers, etc., when checking gaps between the door and door flange. (Refer to Figure 2 in correlation with the following instructions).

#1 Simply secure the LMI 235 Door Seal Gap Gage to it's designated position along the door flange using the locking thumb screw.

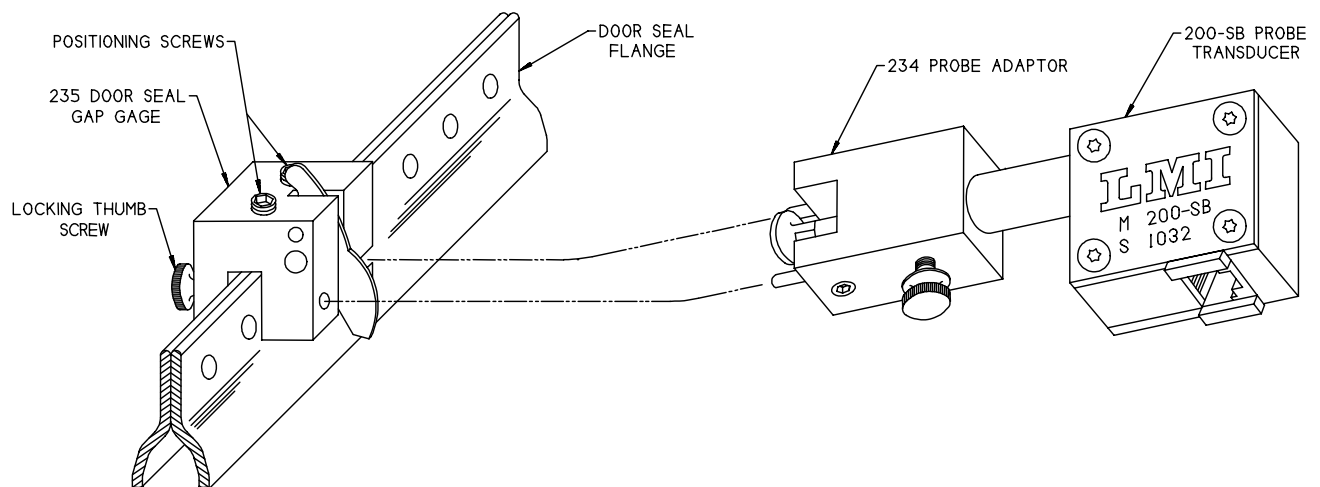
**NOTE:** The checkpoint can be adjusted by the positioning screws if needed.

#2 Close the door to its proper position.

#3 Open the door.

#4 Insert the LMI 234 Probe Adaptor coupled with the LMI 200-SB Probe Transducer with the disk tip (LMI model # 036) into the LMI 236 Decklid Gap Gage to obtain the reading.

**NOTE:** The LMI 200-SB Probe Transducer must be calibrated and mastered to 35.5 mm nominal reference point, using the LMI Model #210 Calibration/Master Block.



**FIGURE 2**

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## LMI 236 DECKLID GAP GAGE

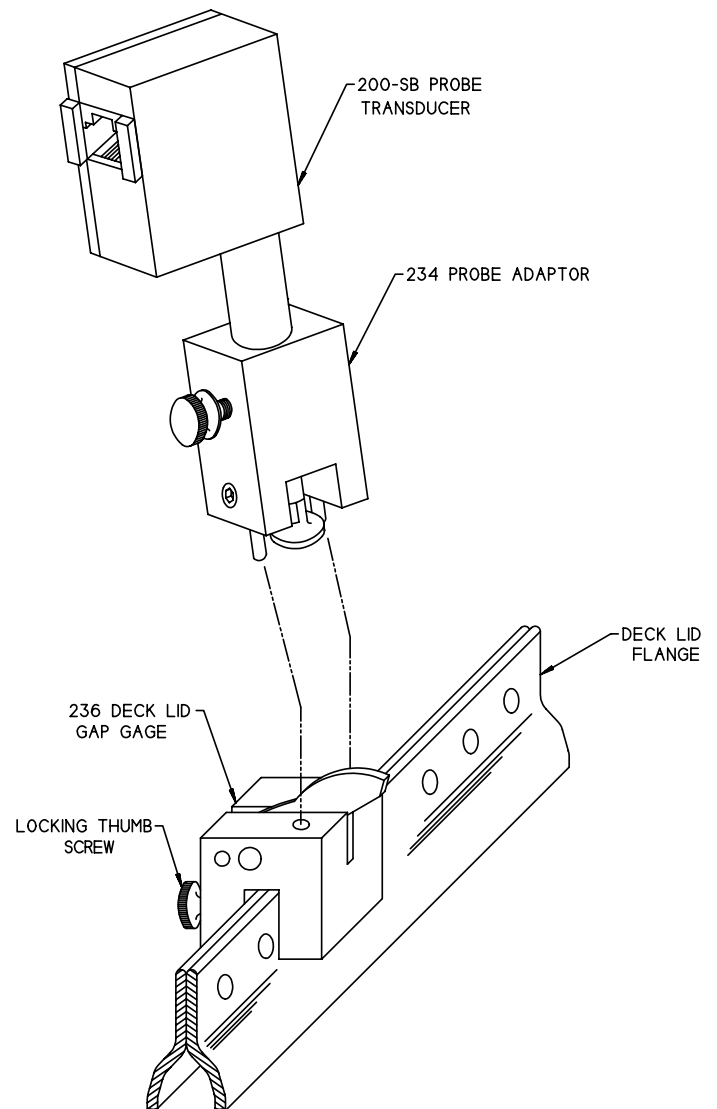
The LMI 236 Decklid Gap Gage was designed to replace clay, feeler gages, calipers, etc., when checking gaps between the Decklid and Decklid flange. (Refer to Figure 3 in correlation with the following instructions).

# 1 Simply secure the LMI 236 Decklid Gap Gage to its designated position along the Decklid flange using the locking thumb screw.

# 2 Close the Decklid to its proper position.

# 3 Open the Decklid

# 4 Insert the LMI 234 Probe Adaptor coupled with the LMI 200-SB Probe Transducer with the disc tip (LMI Model #036) into the LMI 236 Decklid Gap Gage to obtain the reading.



**NOTE:** The LMI 200-SB Probe must be calibrated and mastered to 35.5 mm nominal reference using the LMI 210 Calibration/Mastering block.