Sharp Point Tester

Model: STA0011

Operation Manual

PROCEDURE FOR SETTING 0.005" GAP

Hold the sharp point tester and rotate the lock-nut so that it moves toward the light bulb as far as it will go. Rotate the slotted cap slowly in the same direction to the point where the red bulb just lights (To zero in on this point rotate the cap back and forth at the position where the light will go on and off), Now rotate the lock-nut back towards the slotted cap leaving a slight gap between the nut and the cap and with the index line on the nut aligned with one of the divisions on the cap. Rotate the cap away from the nut five divisions past the index line. Hold the cap in this position and gently run the nut up snugly against the cap to lock it in place.

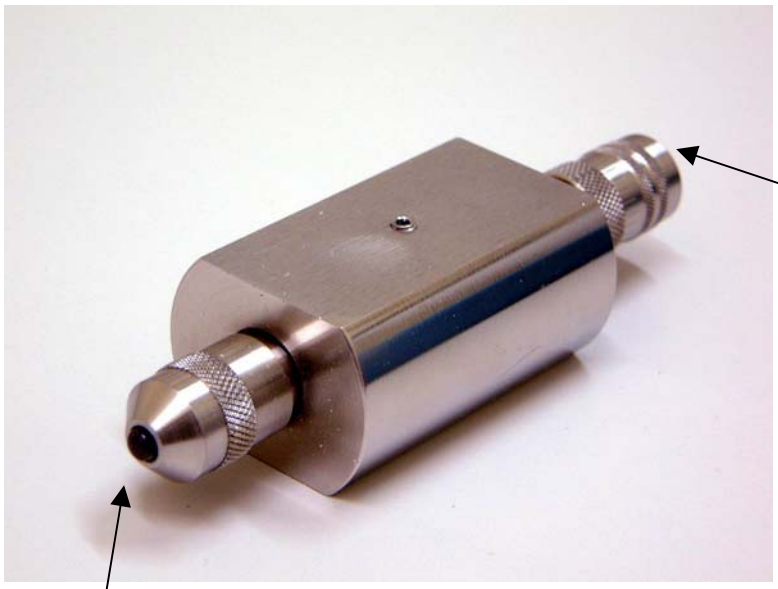
PROCEDURE FOR CHECKING POINT SHARPNESS

Insert the point in the cap slot using a light force. If the red light does not come on, rotate the sharpness tester 90 degrees and insert the point again. No red light then will indicate that the point is not considered sharp. A red light at any time will indicate that the point is sharp and is considered hazardous.

INSTRUCTIONS FOR SETTING 0.005" GAP BETWEEN SENSING HEAD AND POSITIVE TERMINAL ON BATTERY

- Loosen lock-nut and rotate it so that it moves towards the light bulb.
- Rotate the slotted cap gently in the same direction as the lock-nut until the redbulb just lights.
- Using the index line on the lock-nut as a reference, now rotate the slotted cap in the reverse direction for five divisions.
- Tighten the lock-nut against the slotted cap.

Sharp Point Test



"Gauging Slot" is a hole where operators insert the sharp point "object" into (e.g. object is a pen). If the object can enter the hole and red lamp will light, then the object fails in sharp point test. If the object cannot enter the hole, then the object passess the sharp point test.

"Red lamp" ON indicates sharp point test FAILED.