Please check if you think it is a malfunction. ~ Cylinder Gage ~

Q1: Measuring device does not work
☞ Is the stylus dirty?

Oil sticks to stylus and sliding parts depending on the usage environment.

💡 **Please clean according to the instruction manual**

☞ Is the guide stopper deformed?
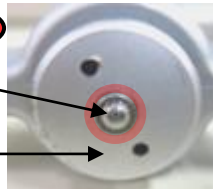
If the guide stopper hits the workpiece, the guide stopper will be deformed and affect the operation of the stylus.
(Red circle in Photo 1)

Photo 1

Point!

stylus
Guide stopper

💡 **Please repair by replacing parts**

Q2: Want to remove the guide stopper
☞ Use snap ring pliers

To remove the guide stopper, use commercially available snap ring pliers and loosen the screw counterclockwise.
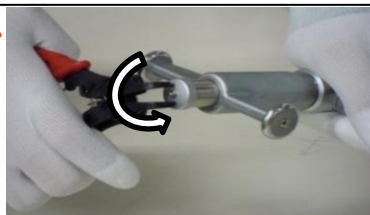Use pliers with a tip of φ1.5 or less. (Photo 2)

Photo 2

Photo 3

Point! For large cylinder gauges, the ball and spring pop out when the guide is removed. Cover the guide part with your hand so that you do not lose the parts. (Photo 3)

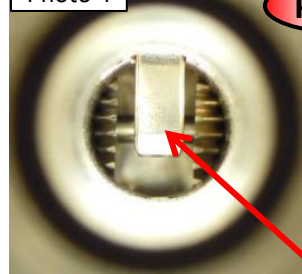💡 **Please "disassemble" according to the instruction manual.**

Q3: Want to clean the removed stylus.
☞ Clean with alcohol

Adhesion of old oil, highly viscous oil, and dirt on sliding parts may cause malfunction.
For cleaning, moisten a waste cloth or cotton swab with a small amount of alcohol and wipe the inside of the stylus and guide stopper. After cleaning, please dry it thoroughly.

Point! For rust prevention treatment, apply the specified lubricating oil to the finish and wipe off excess oil with a waste cloth. Check the type when procuring lubricating oil locally.

💡 **Please be careful not to get old oil, highly viscous oil, or dirt on the sliding parts.**

Q4: Stylus does not work.
☞ Is the direction of the conversion lever incorrect?

When reassembling after disassembling and cleaning, if the internal **conversion lever** is assembled in the wrong direction, the stylus will not operate. (Photo 4)
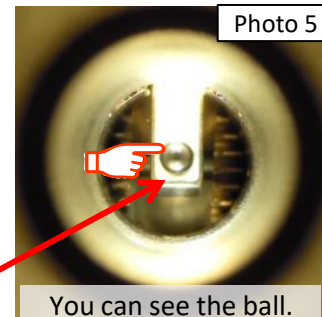
Photo 4

Point! The direction in which the ball of the conversion lever can be seen is the correct position. (Photo 5)

Photo 5

conversion lever

You can see the ball.

💡 **After reassembling, make sure that the stylus works smoothly and correctly.**