

TROUBLESHOOTING O₂ QUICKSTICKS WITH A SPINNING DIAL-KNOB

The Problem

The potentiometer dial-knob on your O₂ Quickstick does not turn the O₂ Quickstick on, off, nor can the analyzer be calibrated.

The Solution

Increase the knob tension by spreading the dial-knob split shaft.

FIRST STEP:

IDENTIFY YOUR DIAL-KNOB VERSION

Your first step is to identify which dial-knob your O₂ Quickstick is equipped with. Does your dial-knob have a metal post in the knob and a groove in the potentiometer cap? If so, you have a **Version 2**. If your knob and cap are smooth (no post or groove), you have a **Version 1**.



VERSION 1:

POSSIBLE SOLUTION FOR SPINNING DIAL-KNOB

Oftentimes, users can pull off the knob and spread the metal potentiometer knob split shaft gently with a small flathead screwdriver to increase tension on the knob. Follow these steps:



The Problem: Knob does not turn on, turn off, or calibrate the O₂ Quickstick.



Step 1: Remove knob to expose knob split shaft. Pull straight out. Do not twist.



Step 2: Use small screwdriver to gently spread knob split shaft. Turn screwdriver counterclockwise only.

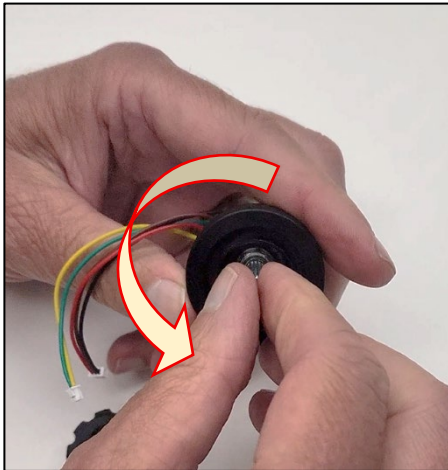


Step 3(a): Replace knob. Increased split shaft tension should make knob work. If not, try Steps 1–3 again. Still not working? Contact ron@nuvair.com for assistance.

VERSION 2:

ADDITIONAL STEPS REQUIRED

For the dial-knob to work correctly, the metal stop pin and limit stop groove must be aligned properly. Please follow this alternative for Step 3 followed by Step 4 for Version 2 dial-knobs:



Step 3 (b): Turn split shaft counterclockwise to the off position; the switch will click.



Step 4(b). Align the metal stop pin with the end of the limit stop groove. Press the knob firmly into place. Press straight down. Do not twist. Rotate knob clockwise. A click, indicating the switch turning on, should be heard.

No click? Try Steps 1, 2, 3(a), and 4(b) again. Still not working? Contact ron@nuvair.com for assistance.