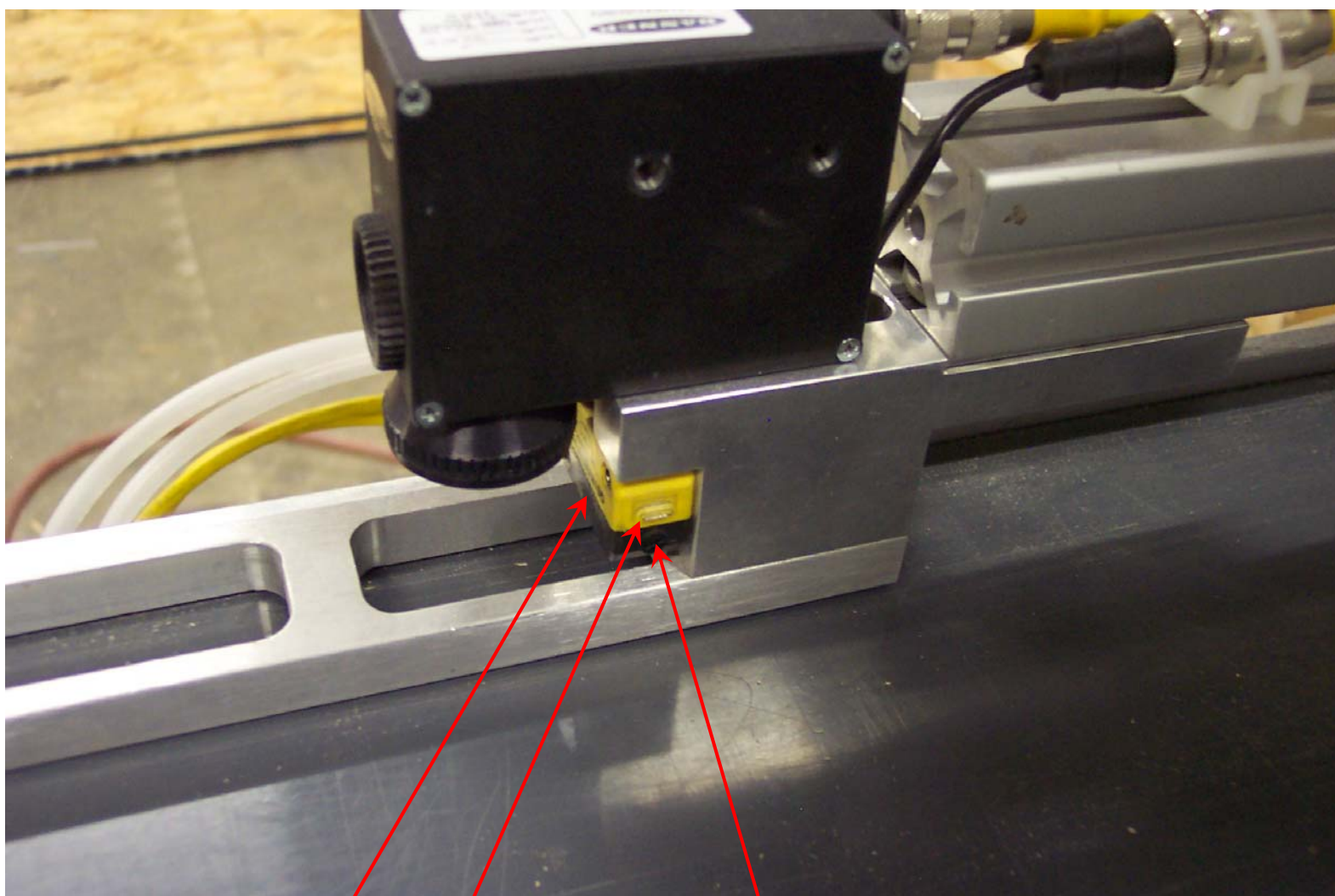# Setting the Length Sensor on the RazorOptimal Crayon

The length sensor changes state as it passes across the leading edge of the board during the scan and then changes back as it passes off the board on the trailing edge of the scan. The length sensor tells the RazorOptimal that the scanner has dropped off the edge of the board which causes the RazorOptimal to stop the scan. Watch the Indicator Light as the scanner passes over the board. If the scanner isn't changing states on the leading and trailing edge of the board then it might need to be adjusted. Turn the Adjustment Screw clockwise & counterclockwise until the switch scans properly.

Length Sensor

Adjustment Screw

Indicator Lights