

## **FC9000** SERIES

PAGE 1

### **REPLACING CAM LEVER**

#### **PARTS REQUIRED:**

Prepare the following assembly parts for this replacement.

#### **CAM LEVER SET - FC9**

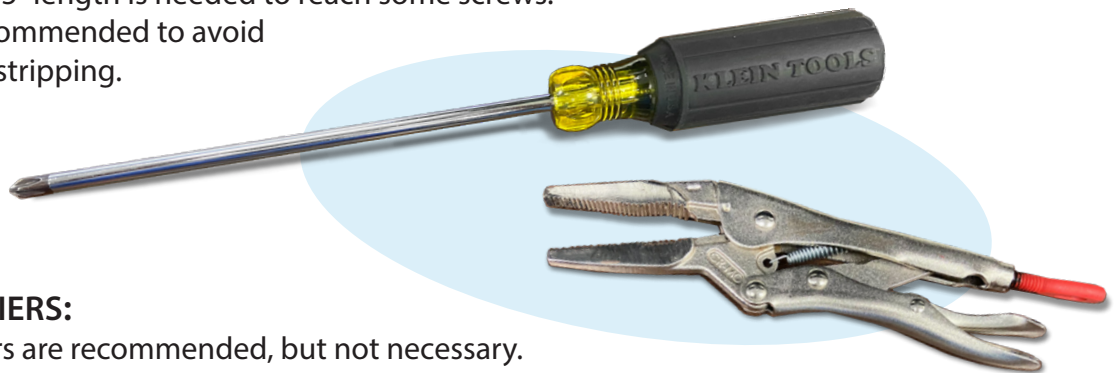
Part Number: 621800716



#### **TOOLS NEEDED:**

##### **#2 SCREWDRIVER:**

- 5 inch shank or more recommended for better torque.
- Minimum of 5" length is needed to reach some screws.
- #2 size is recommended to avoid screws from stripping.



##### **LOCKING PLIERS:**

- Locking pliers are recommended, but not necessary.
- These can help flip the pinch roller shaft when needed.

#### **TIP:**

If screws are stripping, please stop and use correct screw driver.

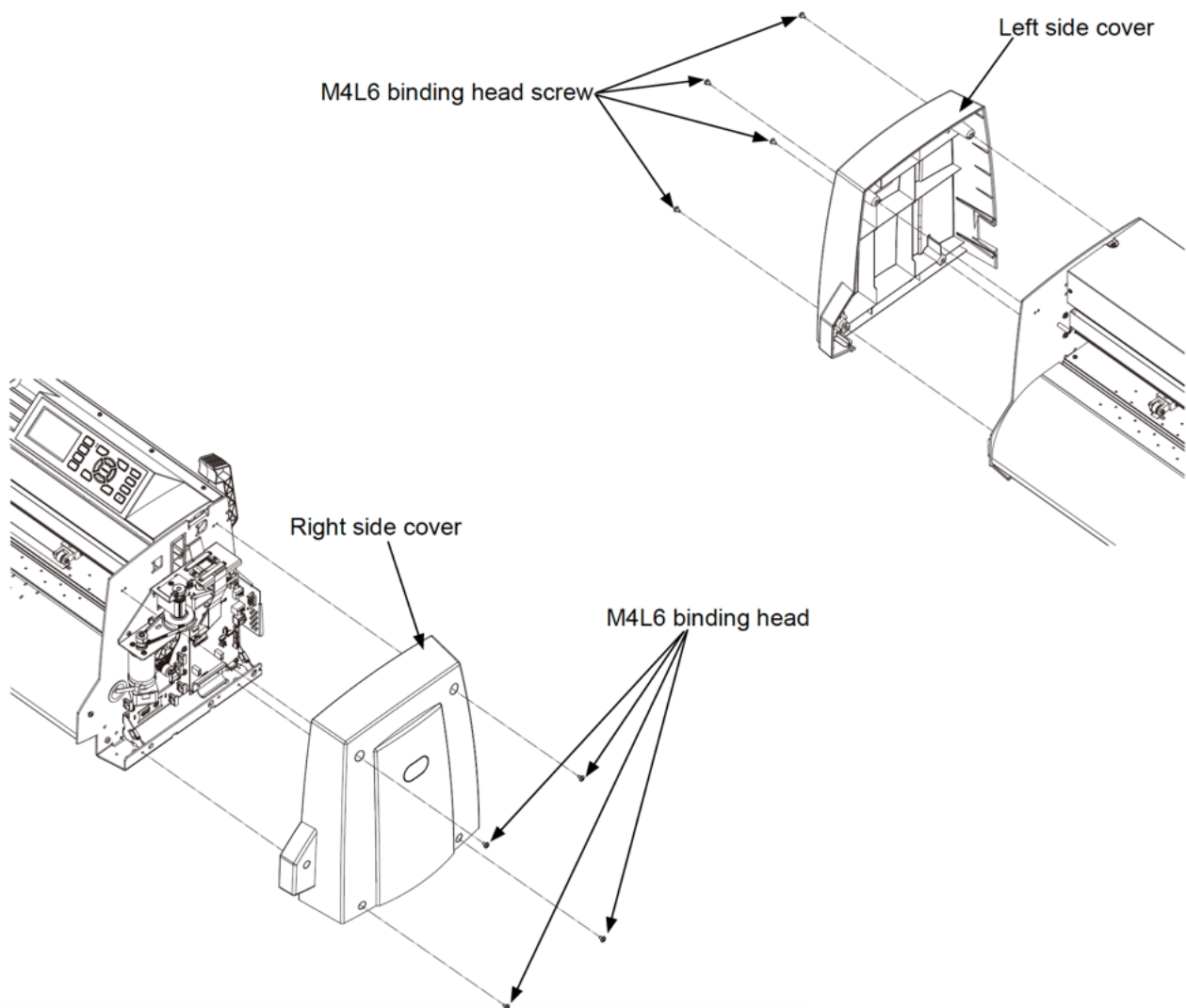
## **FC9000** SERIES

PAGE 2

### **REPLACING CAM LEVER**

#### **STEP 1:**

- Remove left and right side covers.



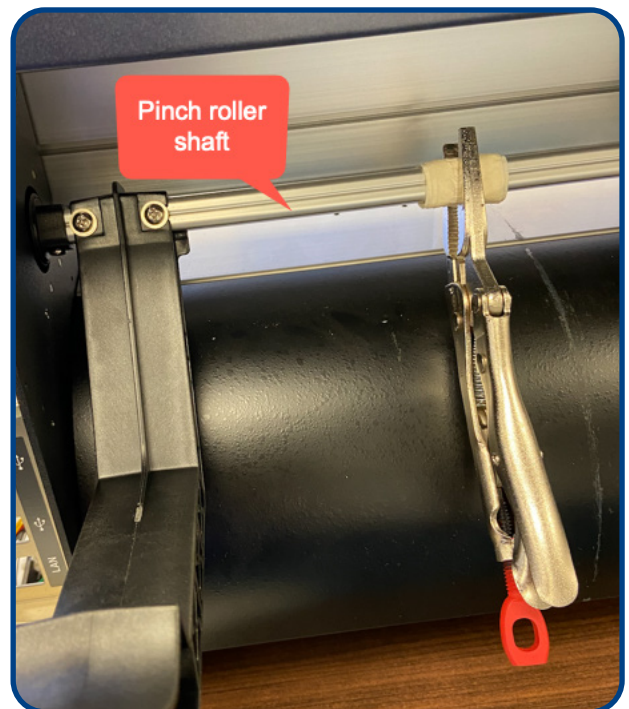
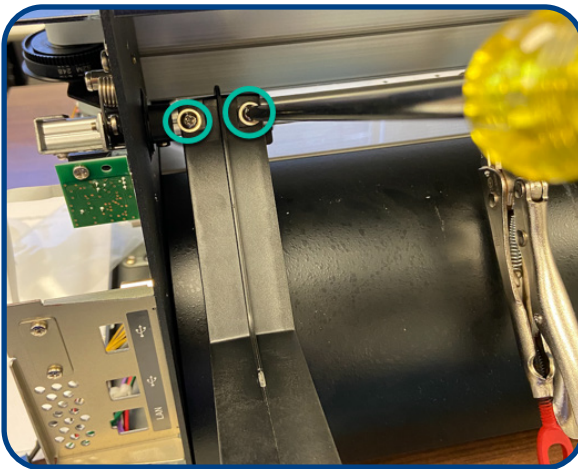
## **FC9000** SERIES

PAGE 3

### **REPLACING CAM LEVER**

#### **STEP 2:**

- Remove screws that secure Cam Lever to Pinch Roller Shaft.



#### **TIP:**

If the broken lever does not allow the pinch roller shaft to be rotated in order to access screws, use the locking pliers, then wrap tape around the shaft to avoid scratches.

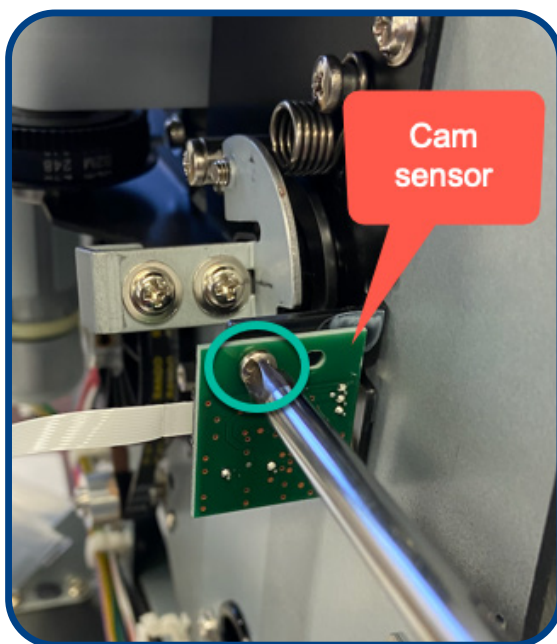
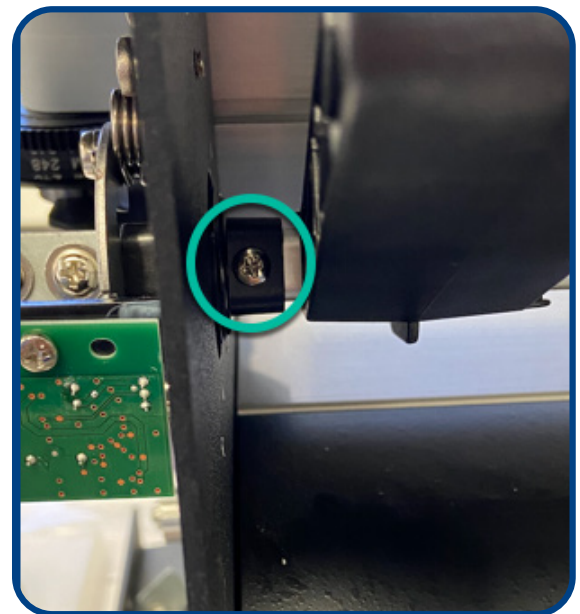
## **FC9000** SERIES

PAGE 4

### **REPLACING CAM LEVER**

#### **STEP 3:**

- Remove the screw from the plastic bushing next to the lever.



#### **STEP 4:**

- Remove the Cam Lever Sensor:  
Please make sure not to damage sensor
- Move Cam Sensor to the side.

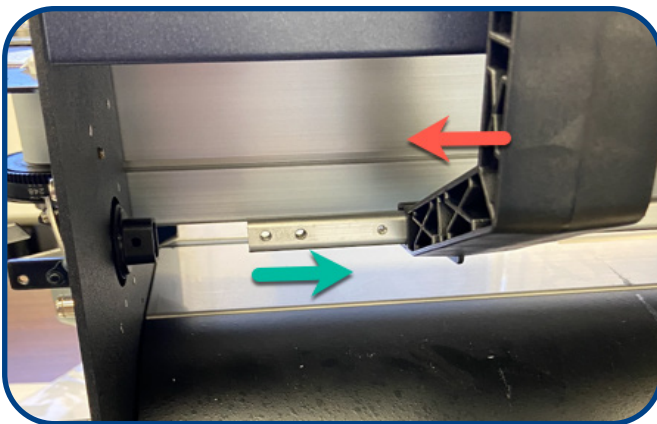
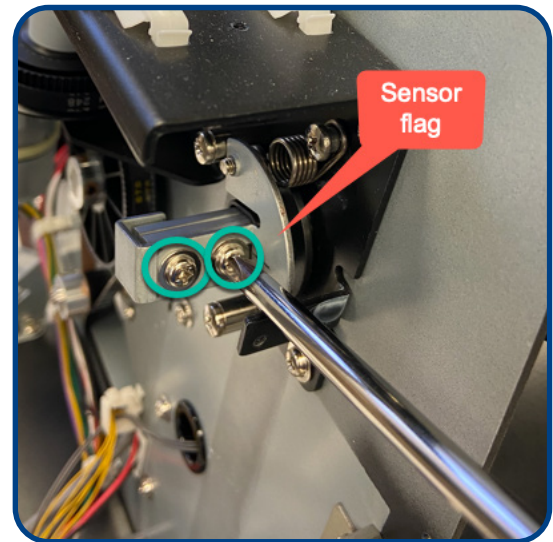
## **FC9000** SERIES

PAGE 5

### **REPLACING CAM LEVER**

#### **STEP 5:**

- Remove Sensor Flag by removing screws and allow it to hang loose.



#### **STEP 6:**

- Slide Pinch Roller Shaft to the **RIGHT** and slide **BROKEN LEVER** off.
- Install the new Cam Lever by sliding it onto the Pinch Roller Shaft.

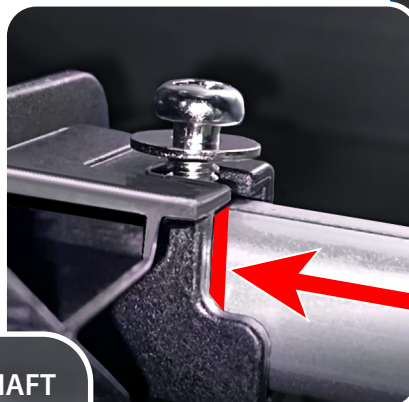
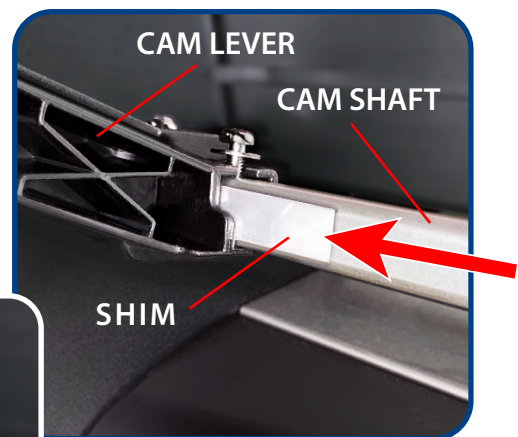
## **FC9000** SERIES

PAGE 6

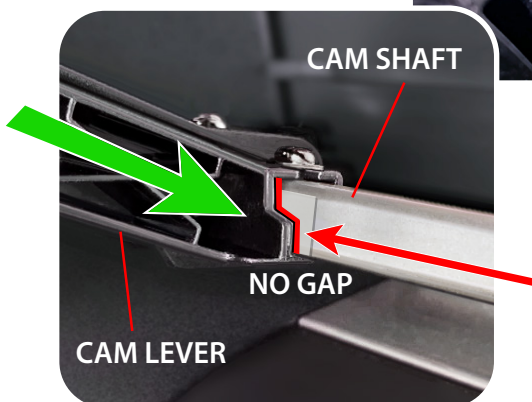
### **REPLACING CAM LEVER**

#### **STEP 7:**

- After installing the new lever, insert the **CAM LEVER SHIM** into gap between the new **CAM LEVER** and **CAM SHAFT**



Insert **CAM LEVER SHIM** at the red line shown here.

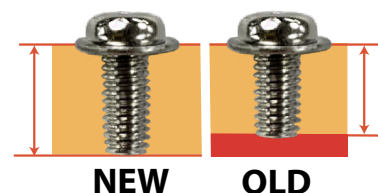


- Tighten the two screws while pressing the **CAM LEVER** in the direction of **green arrow**.
- Make sure that there is no gap between the **CAM LEVER** and the **CAM SHAFT**.

*Any gap here will increase pressure to the lever and may cause unexpected breakage.*

#### **TIP:**

Replacement of screws in this step are important. Please confirm the new screws included in the CAM LEVER SET F9 are being used to replace lever.



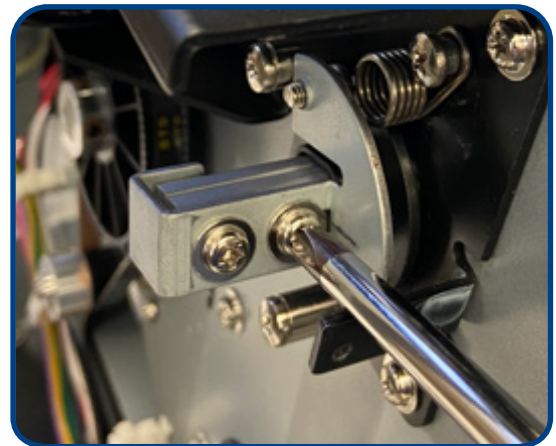
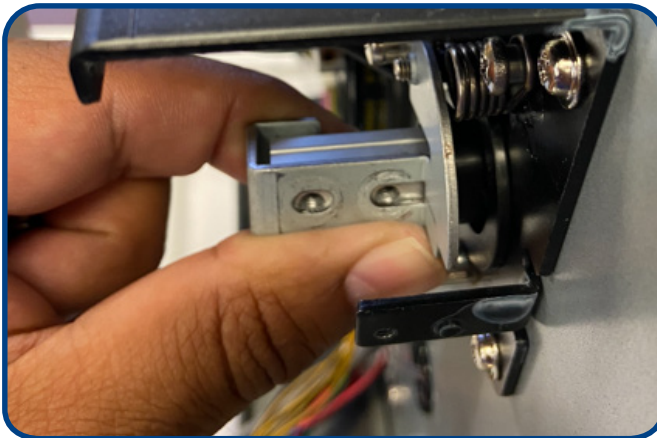
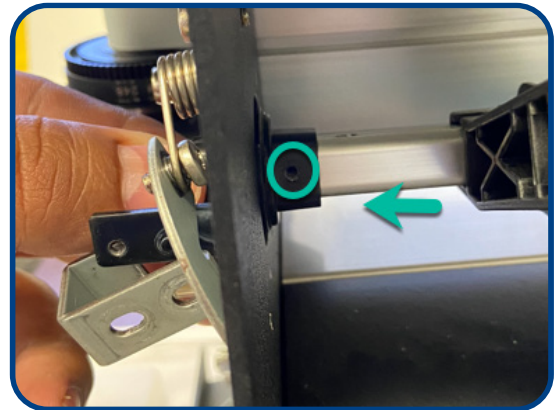
## **FC9000** SERIES

PAGE 7

### **REPLACING CAM LEVER**

#### **STEP 8:**

- Slide Pinch Roller Shaft back into place.
- Place screw back on plastic bushing.



#### **STEP 9:**

- Place Sensor Flag back onto the Pinch Roller Shaft by manipulating it back into place.
- Insert and align BOTH screws, THEN tighten.

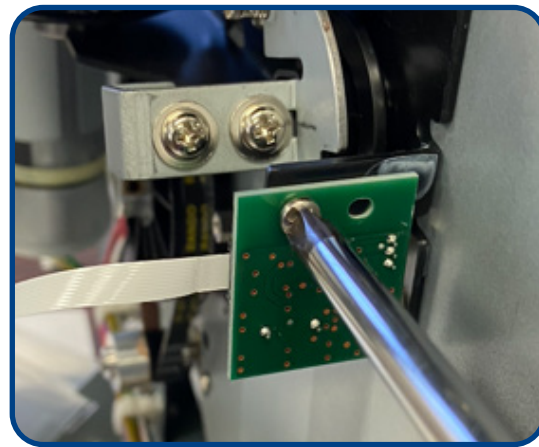
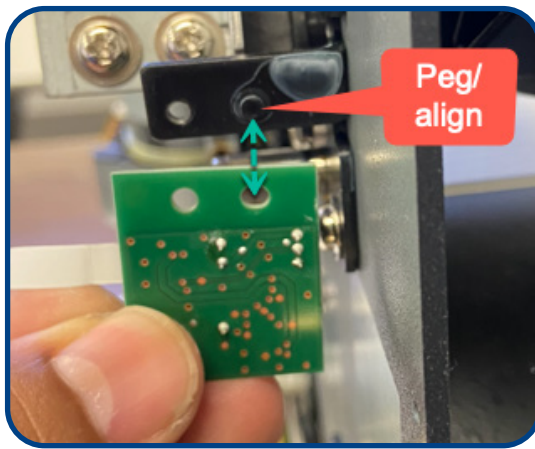
#### **TIP:**

An outline of the screws can be seen on the Sensor Flag, use it as a guide when tightening.

## **FC9000** SERIES

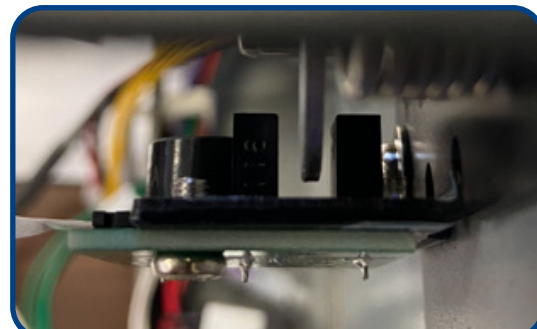
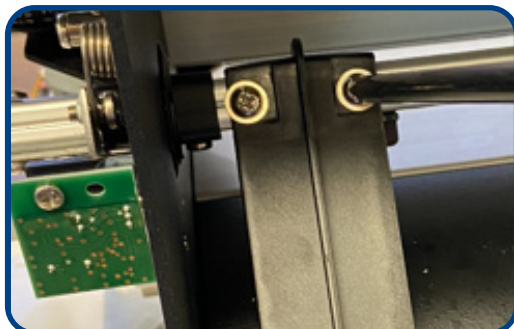
PAGE 8

### **REPLACING CAM LEVER**



#### **STEP 10:**

- Mount Cam Sensor back into position.
- Align hole on Cam Sensor with the guide peg on the mounting bracket.
- Screw the Cam Sensor back into place.



#### **STEP 11:**

- Carefully bring Cam Lever down and replace the screws.
- Ensure Sensor Flag is not touching the Cam Sensor.

## **FC9000** SERIES

PAGE 9

### **REPLACING CAM LEVER**

#### **STEP 12**

- Replace the left and right side covers.

