

# DREMEL DIGILAB

## 3D45 Camera Replacement

**⚠ WARNING** Read the Dremel 3D45 manual and these instructions. Failure to comply with the warnings and instructions may result in fire, equipment damage, property damage, or personal injury.

Always unplug Dremel 3D45 from its power before performing any service procedures. Failure to do so may result in personal injury and equipment damage.

Use only Dremel approved materials and components. Use of object materials, or 3D objects other than Dremel approved object materials and genuine Dremel components may void warranty.

Repairs on the Dremel 3D45 may require the use of special tools (pulling devices and bearing press). Authorized repair centers have trained repair technicians and equipment necessary to perform these repairs.

**⚠ WARNING** Do not touch the extruder tip or heated build platform during Dremel 3D45 operation or until it has cooled down to at least 60°C (140°F). Contact with the extruder tip or build platform during or after operation before tip and build platform has cooled may result in personal injury.

For the location of the repair center near you, please look on our web site at [www.Dremel3D.com](http://www.Dremel3D.com) and follow the link for 'Support'.

### SERVICE INSTRUCTIONS

[Please click here for Video Tutorial](#)

This document will outline the steps necessary to replace a damaged build platform clip.

#### Tool Required:

- T10 Torx (star) screwdriver

#### Step 1: Bring Printer to Safe State

Allow the build plate and nozzle to cool down before handling. Turn off and unplug printer then wait for 15 min to allow the nozzle and build platform to cool down to a safe temperature (below 60°C).

#### Step 2: Remove the Camera from Printer

- a. Locate the camera in the printer.

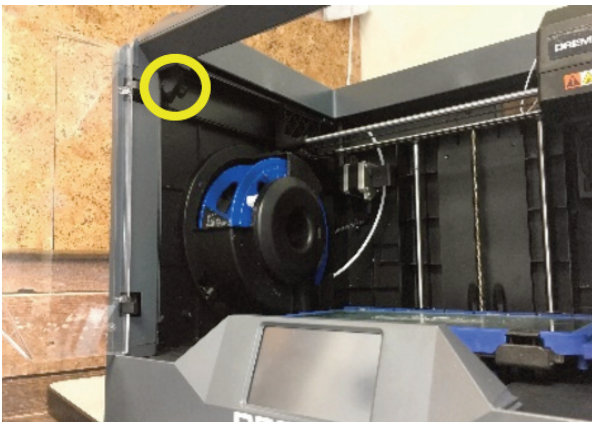


Figure 1

- b. Remove the screw located on the top left side of the camera using the T10 Torx screwdriver.

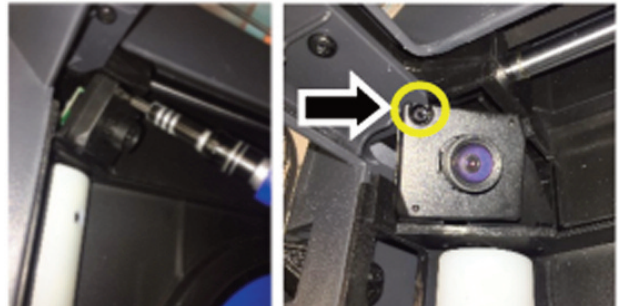


Figure 2a. and 2b. Remove the screw encircled

- c. Pull the camera outwards (see red arrow below) to unplug the USB connection



Figure 3. Unplug the camera from the printer

#### Step 3: Reassemble the Camera

- a. Plug the camera back into the printer. Refer to figure 3.  
b. Replace the screw using the T10 Torx screwdriver, securing the camera to the printer. Refer to Figure 2a. and 2b.