

# DREMEL DIGILAB

## Leveling Build Platform

**⚠️ WARNING** Read the Dremel 3D20 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 3D20 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.

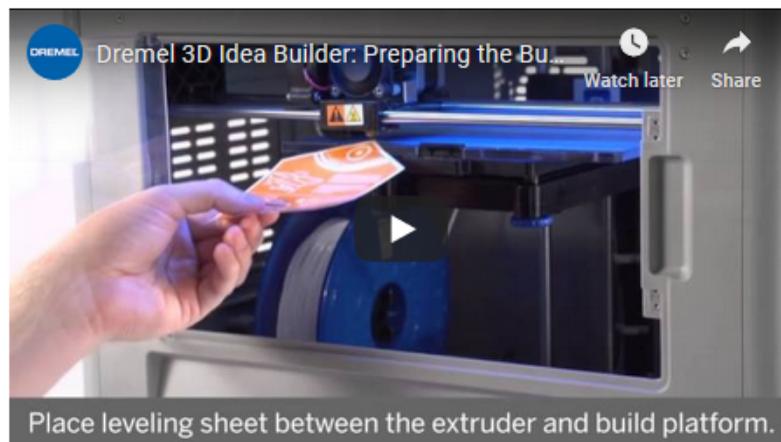
Repairs on the Dremel 3D20 may require the use of special tools (pulling devices and bearing press). Authorized repair centers have trained repair technicians and equipment necessary to perform these repairs.

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

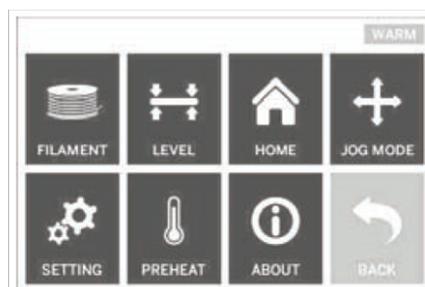
**⚠️ WARNING** Do not touch the extruder tip or heated build platform during Dremel 3D20 operation or until it has cooled down to at least 60°C (140°F). Contact with the extruder tip or build platform during or after operation before tip and build platform has cooled may result in personal injury.

## SERVICE INSTRUCTIONS

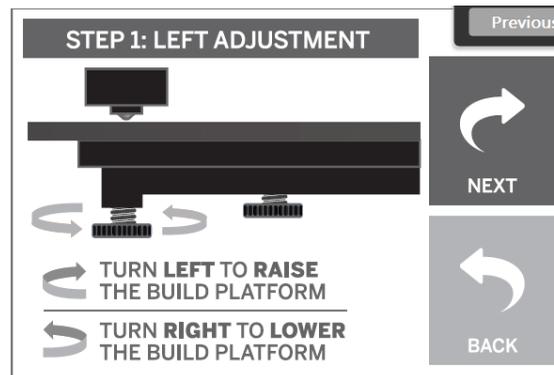
It is important you level the build platform every time you replace the build tape or reinstall the build platform to ensure that the build platform is evenly spaced from the extruder head. Make sure to remove any air bubbles from between the build platform and the build tape. Not leveling the build platform or eliminating air bubbles may cause objects to not build properly.



1. Make sure you have placed build tape over the build platform. Applying build tape to the build platform after leveling may effect the consistency of your object.
2. Tap "Tools" on your Dremel 3D20's touch screen and tap "Level".



3. The extruder and build platform will move into position to level the build platform. You will first level the front left section of the build platform. The three knobs under build platform are used to raise or lower the build platform on the left, right, and rear of the build platform.



4. Place the leveling tool between the extruder and build platform. If the leveling tool cannot slide between the extruder and build platform, adjust the appropriate knob (turning counterclockwise) until you can slide the leveling tool between the extruder and build platform with some resistance. If the leveling tool can slide between the extruder and build platform too easily, adjust the appropriate knob (turning clockwise) until you can slide the leveling tool between the extruder and build platform with some resistance.

TIP: Standard printer paper can also be used to level the build platform in the same manner as the leveling tool.

5. Tap "Next" to move the build platform toward the right knob and repeat step 4 above.

6. Tap "Next" to move the build platform toward the rear knob and repeat step 4 above.

7. Tap "Finish" to complete the leveling process. 8. Repeat steps 1 through 6 above to ensure that build platform is completely level.