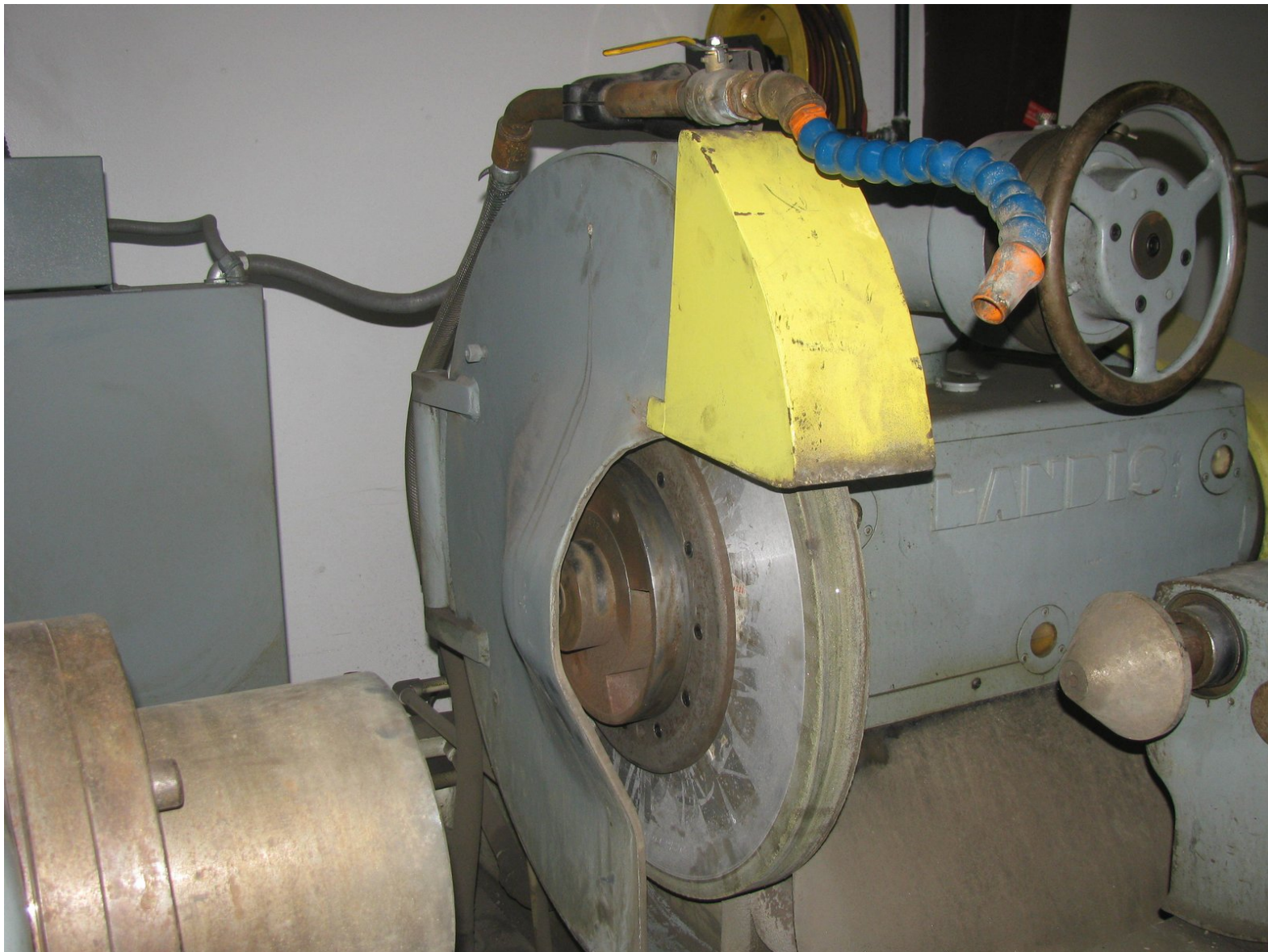




Landis Universal Cylindrical Grinder (3U4D5D-17) Grindstone Replacement

If the performance of your Landis Universal Cylindrical Grinder is deteriorating, it may be time to replace the grindstone. This easy to follow guide will show you how.

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INTRODUCTION

Deterioration of the grindstone is one of the most common issues with the Landis Universal Cylindrical Grinder. Because these machines are so old, there is little maintenance or repair documentation available. This guide will show you how to replace the grindstone on the machine and avoid the costs of hiring an on-site specialist.




TOOLS:

- [3/8" Drive 5/16" Hex Bit Socket](#) (1)
- [Leather Work Gloves](#) (1)
- [600 Grit Sandpaper](#) (1)
- [Socket Wrench](#) (1)

Step 1 — Landis Universal Cylindrical Grinder (3U4D5D-17) Grindstone



 Switch off the grinder's breaker box before performing any maintenance on the machine.

Step 2



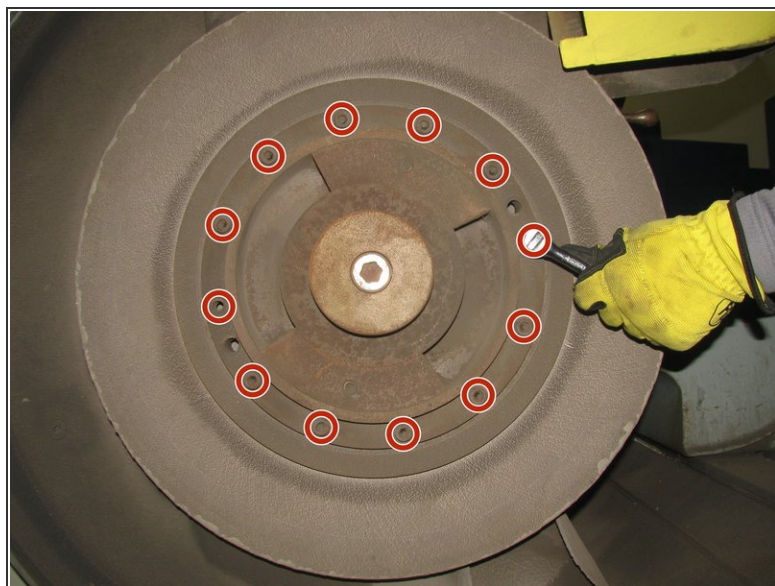
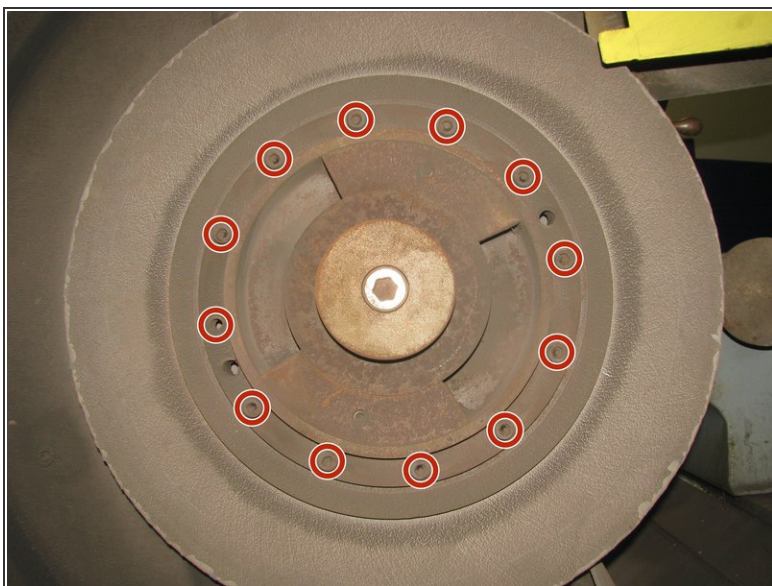
- Lift the yellow guard up to unlock the grindstone access panel.

Step 3



- Pull the access panel outward to expose the grindstone.

Step 4



- Remove the twelve bolts securing the grindstone using a ratchet with a 5/16 Hex bit.

Step 5



- Gently remove the steel hub from the grindstone spindle.

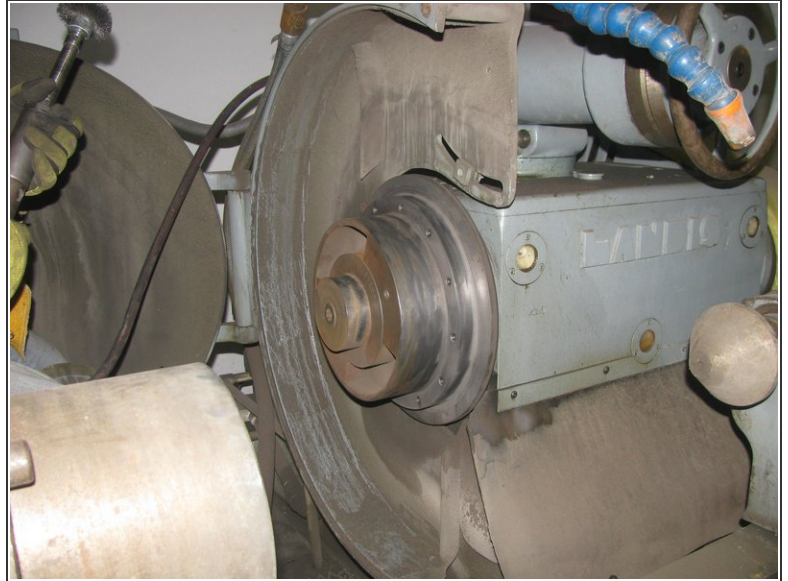
Step 6



- Carefully remove the grindstone itself from the spindle, making sure to support it from the top and inner ring.

⚠ Mind your fingers! The grindstone is quite heavy and can cause injury if it is mishandled or dropped.

Step 7



- Softly sand the hub with 600-grit sandpaper or a wire brush to remove any surface rust.

Step 8



- ⓘ Although not mandatory, now would be a good time to scrape out any debris that has built up on the inside of the guard.

To reassemble your device, follow these instructions in reverse order starting from step 6.