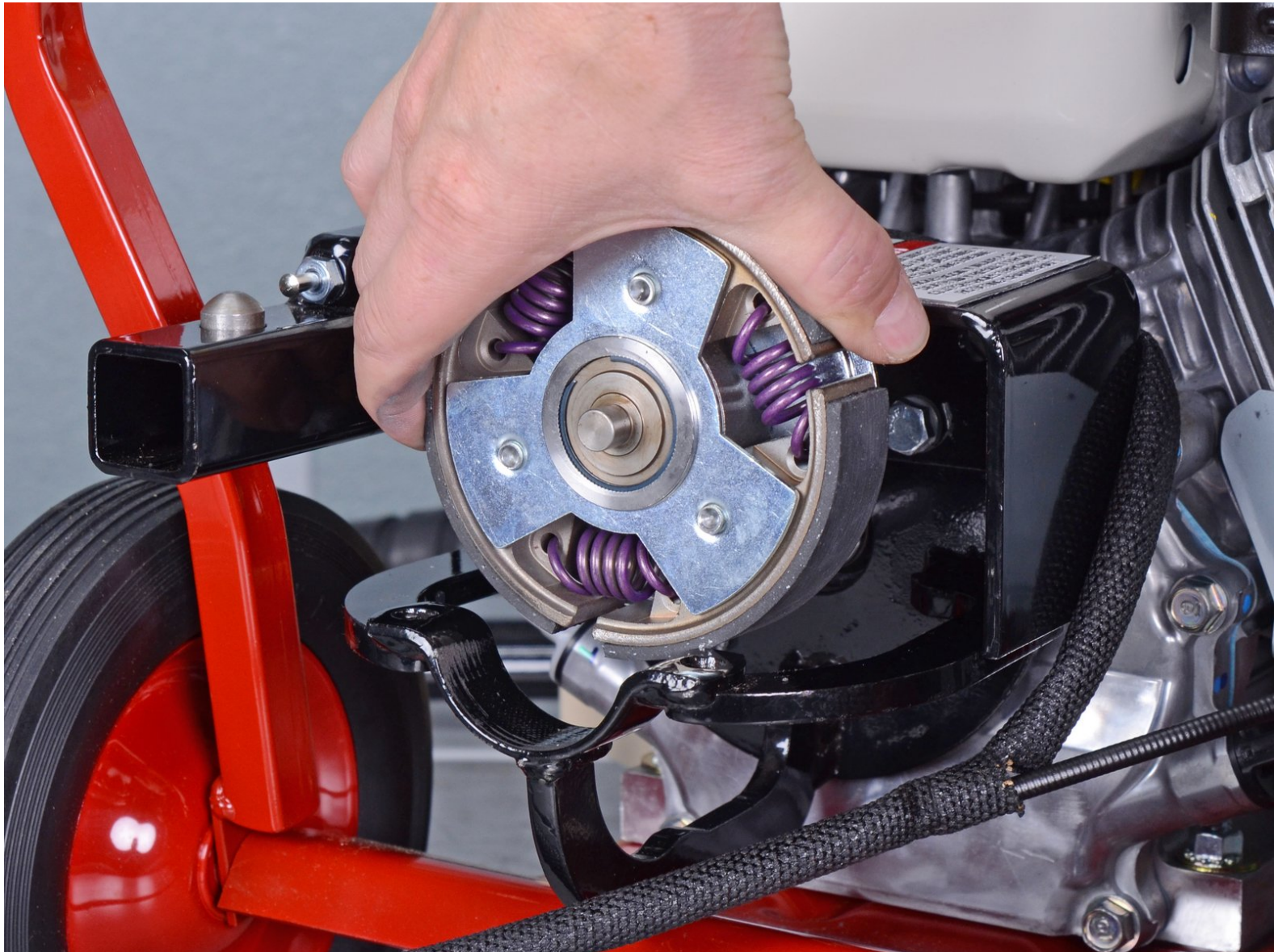




Little Beaver Augers MDL5HD 2017 Clutch Assembly Replacement

Replace the clutch assembly in a Little Beaver Augers MDL5HD 2017.

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INTRODUCTION

Use this guide to replace the clutch assembly in a Little Beaver Augers MDL5HD 2017.

The auger bit is removed in this guide. While not necessary, removing it will make the repair easier.



TOOLS:

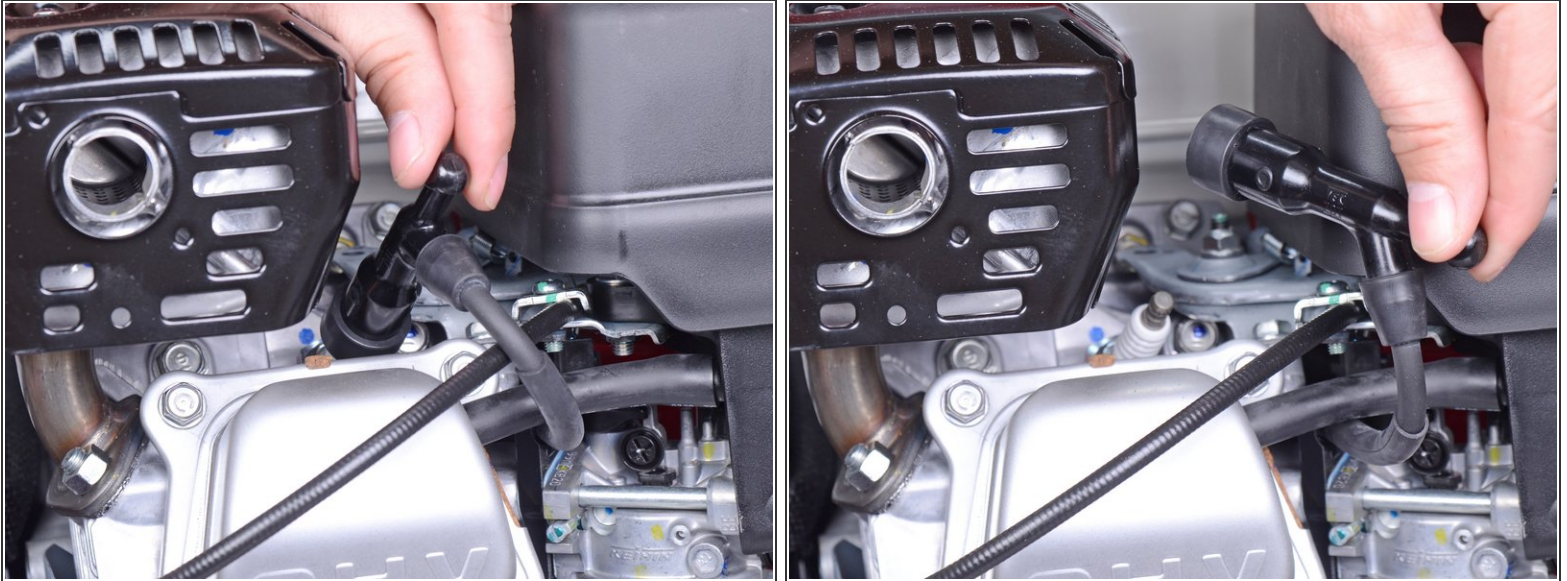
- [5/16" Socket](#) (1)
- [5/32 Hex Key](#) (1)
- [Socket Wrench](#) (1)
- [Flathead Screwdriver](#) (1)
- [Long-Handle 5/32 Hex Wrench](#) (1)




PARTS:

- [Little Beaver CLUTCH DRUM \(INCL. PILOT BEARING AND SET 4179-F](#) (1)
- [Little Beaver ROTOR ASSY MODEL 5 34 BORE 4375F](#) (1)
- [Little Beaver PILOT BEARING 4021-2F](#) (1)

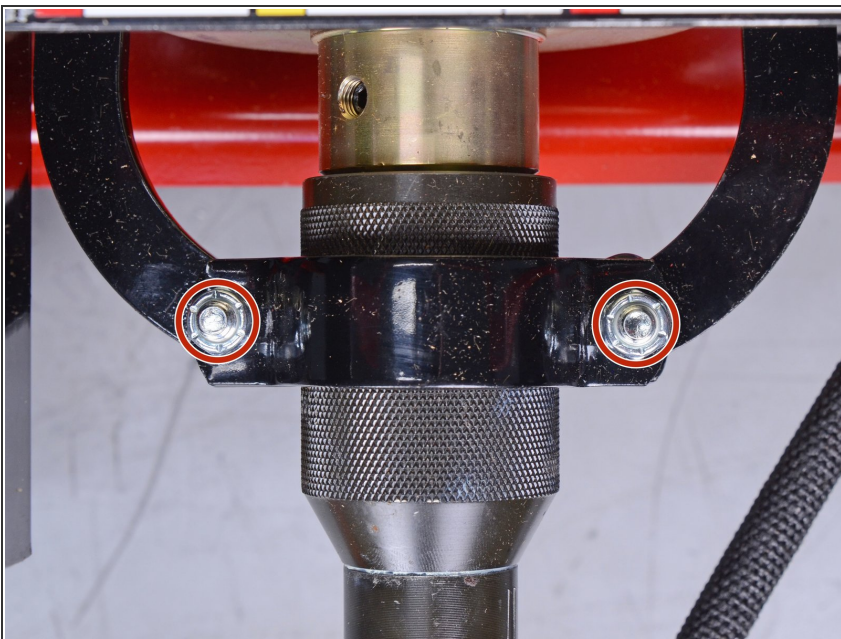
Step 1 — Disconnect the spark plug



 Before you begin, make sure the engine is switched off and cool to the touch.

- Pull the spark plug connector straight off of the spark plug.

Step 2 — Remove the clutch bracket clamp



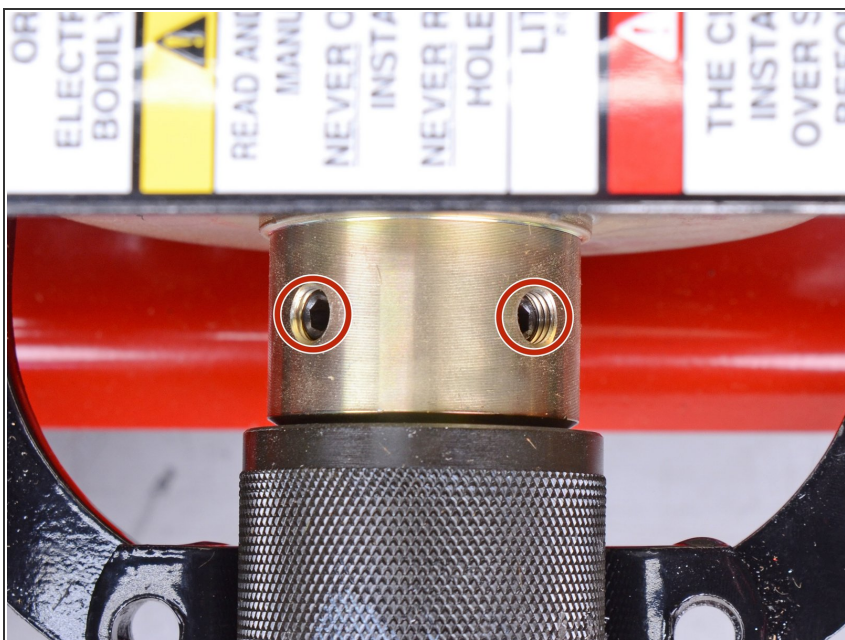
- Use a 5/16 inch socket to remove the two nuts securing the clutch bracket clamp.
- ⓘ You may need another 5/16 inch wrench to hold the bolt from underneath while you loosen the nut.

Step 3



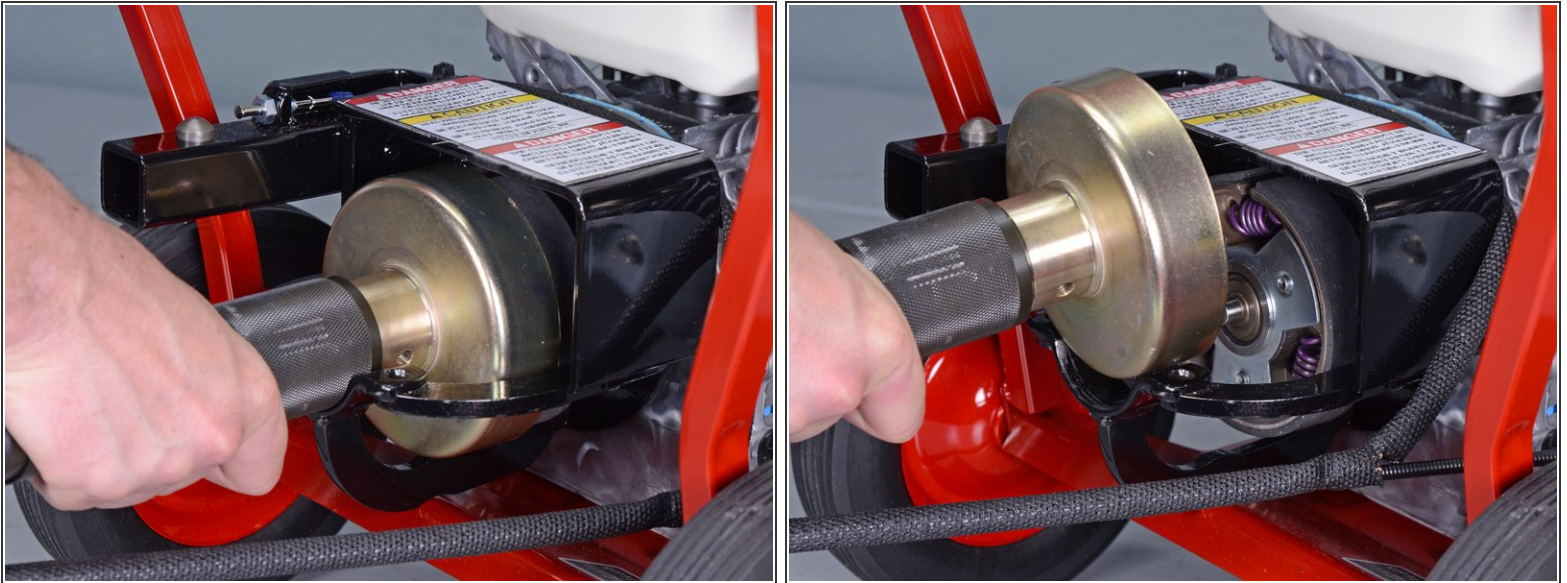
- Remove the clutch bracket clamp.

Step 4 — Remove the clutch drum



- Use a 5/32 inch hex wrench to loosen the two set screws on the clutch drum.

Step 5



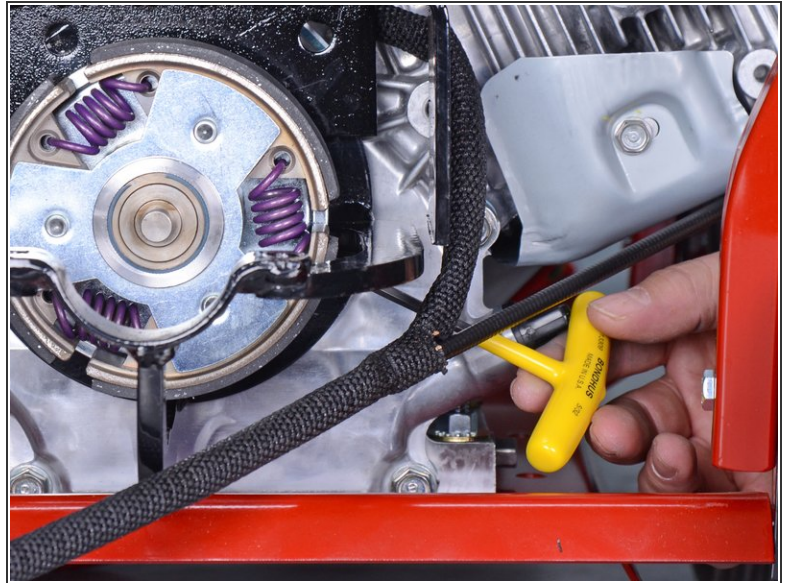
- Slide the clutch drum straight off of the clutch rotor assembly.

Step 6



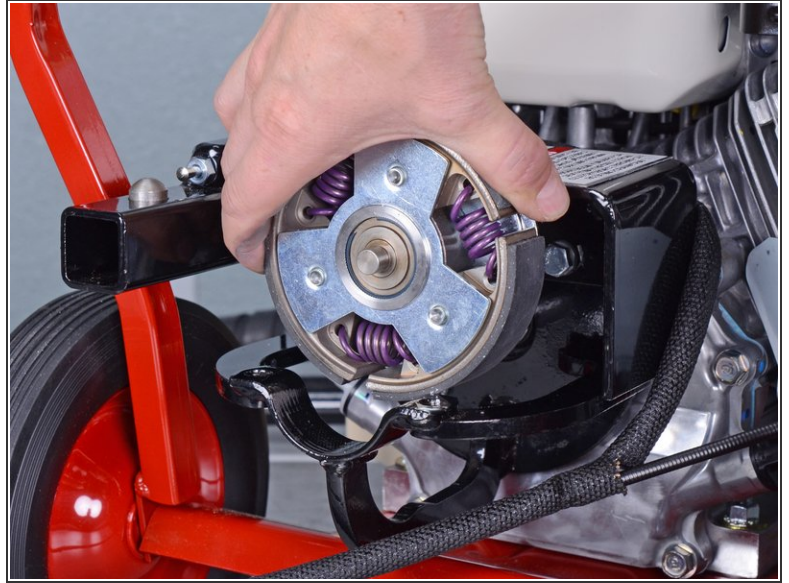
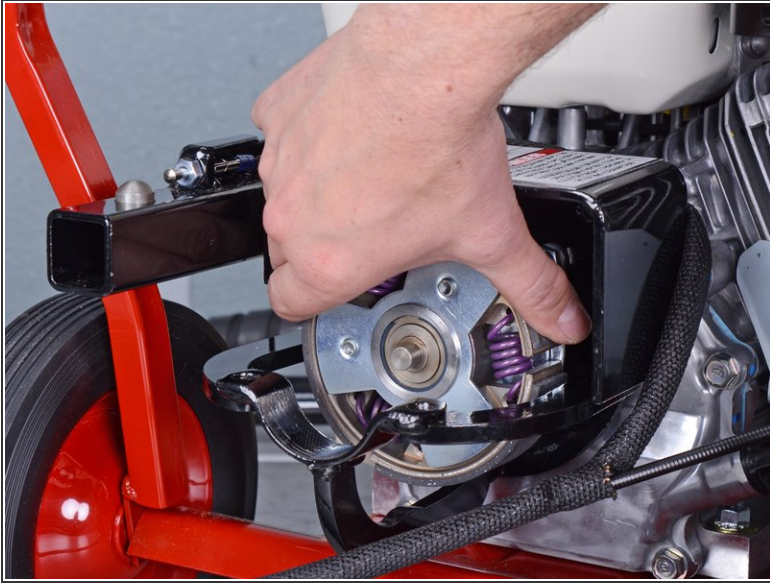
- Use a flathead screwdriver or small pry bar to pry the clutch drum off of the flexible shaft.
 - Slide the clutch drum off of the flexible shaft and remove it.
- ✦ **During reassembly**, apply anti-seize lubricant to the interface between the clutch drum and flexible shaft.
- ⓘ The clutch drum can be replaced as part of the clutch assembly replacement.
 - ⓘ The replacement clutch drum should come with a new pilot bearing installed. If it doesn't, you may need to install a new pilot bearing.

Step 7 — Remove the clutch rotor assembly



- Use a long-handle 5/32 inch hex wrench to loosen the two set screws on the clutch rotor assembly.
 - ⓘ The first photo shows the set screws on the replacement part for reference. Loosen the screws on the installed part, not the replacement part.
 - ⓘ The screws are positioned behind the clutch rotor and won't be easy to access. Use a long-handle hex wrench as shown in the second photo.

Step 8



- Slide the clutch rotor assembly off of the engine drive shaft.
- ⓘ The clutch rotor assembly can be replaced as part of the clutch assembly replacement.
- ✦ **During reassembly**, make sure the clutch rotor assembly key is inserted correctly into its slot before reassembly.
- ✦ **During reassembly**, apply anti-seize lubricant to the interface between the clutch rotor and engine drive shaft.

To reassemble your device, follow these instructions in reverse order.