

VCT-20/VCT-2000 MOTOR AND DRIVE SPROCKET KIT (P/N 7001225)

⚠ CAUTION ⚠

To avoid possible personal injury and/or damage to the unit, all inspections, tests, and repair of electrical equipment should be performed by QUALIFIED SERVICE PERSONNEL. The unit MUST be completely shut down and unplugged before servicing.

TOOLS: Flathead Screwdriver, Phillips Head Screwdriver

PARTS INCLUDED:

- 1 - Motor Sprocket (P/N 2150199)
- 1 - Drive Sprocket (P/N 2150181)
- 1 - 1/4-20 x 3/8" Setscrew (P/N 3250212) for Sprocket 2150181
- 1 - #10-32 x 3/8 Setscrew (P/N 3100195) for Sprocket 2150199
- 1 - Wrench, Allen, Hex - 3/32 (P/N 2150135)
- 1 - Instruction Sheet (P/N 1011410)

General

This kit is designed to speed up the VCT-20 and VCT-2000 from 15 seconds to approximately 10 seconds by replacing the rear conveyor drive sprocket and motor drive sprocket.

1. Turn the toaster off and unplug the power cord.
2. Facing the front of the toaster, remove the right Side Panel and set the panel and screws aside.
3. Disconnect the wires from the Motor.
4. Remove the four 1/4" screws securing the motor Slide Plate and remove the drive motor assembly (Figure 1).
5. Loosen the set screw on the motor sprocket using the 1/8" hex wrench, remove it from the motor shaft and discard the old sprocket and setscrew. (Figure 1).
6. Slide the new motor sprocket onto the shaft. Insert the new setscrew and secure it to the motor shaft using the 1/8" hex wrench.

NOTE: Be sure the Motor Sprocket Setscrew is positioned on the flat of the gear box shaft. Maintain the 1/4" (6.35 mm) dimension as shown in Figure 1).

7. Remove the chain from the right drive sprocket
8. Loosen the set screw on the right drive sprocket using the 3/32" hex wrench, remove and discard the drive sprocket.
9. Slide the new drive sprocket onto the shaft, insert the new set screw and secure it to the flat side of the drive shaft using the 3/32" hex wrench.
10. Reattach the Motor assembly to the "L" Bracket using the 1/4" screws removed in Step 4. DO NOT tighten the screws at this time.
11. Place the Drive Chain on the Sprocket. Push and hold down on the Motor to tighten up tension. Allow 1/4" (6/35 mm) play/deflection in the Drive Chain at the mid-point between the Motor Sprocket and the Conveyor Drive Sprocket.

NOTE: If there is still excessive play in the drive chain with the motor pushed all the way down, the drive chain should be replaced.

12. Tighten the mounting screws while holding down on the Motor. Check the Drive Chain play after tightening the screws.
13. Reinstall the wires onto the Motor.
14. Reattach the right Side Panel and secure with screws.
15. Test the unit for operation.

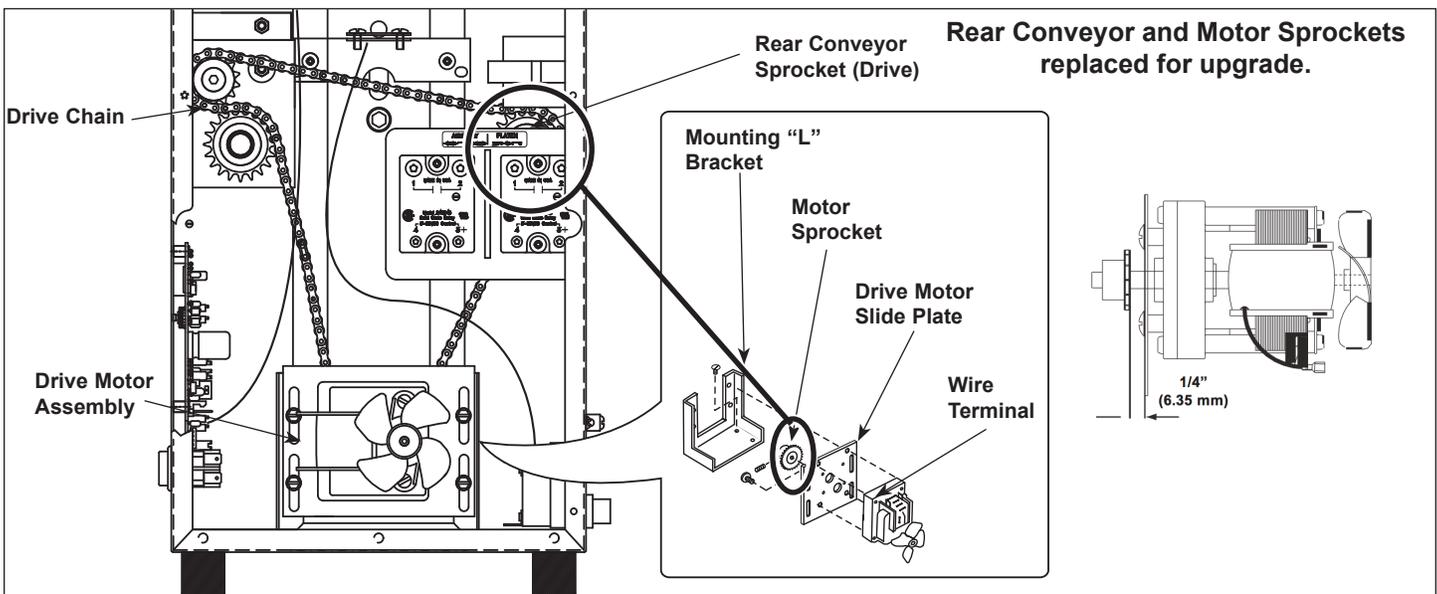


Figure 1. Removing Drive Motor