

MOTOR RETROFIT KIT INSTALLATION INSTRUCTIONS

THESE INSTRUCTIONS ARE APPLICABLE TO THE FOLLOWING KITS:

8261966 – 200-208V, 50/60 Hz, 13.5-Second VT
8261967 – 220-250V, 50/60 Hz, 13.5-Second VT
8261968 – 200-208V, 60 Hz, 16.0-Second VT
8261969 – 220-250V, 60 Hz, 16.0-Second VT

These kits are used to replace Saia-brand motors with Oriental-brand motors in **chain-drive** configurations only.

1. Turn off and unplug the unit.
2. Loosen the setscrews in the bun compression knobs and pull the knobs from their shafts.
3. Remove the screws around the edge of the component housing cover.
4. Cut the wire ties and remove the diagonal brace from the component housing.
5. Remove the upper idler bracket assembly. Remove the idler sprocket from the assembly and install it on the bracket furnished in the kit. The bracket has four holes. The uppermost hole is for 16-second toasters with 60 Hz motors; the second hole from the top is for 13.5-second toasters with 50 Hz motors; the third hole from the top is for 13.5-second toasters with 60 Hz motors. The fourth (bottom) hole is not used with Oriental motors.
6. Loosen the setscrew securing the motor sprocket to the shaft and remove the sprocket and chain.
7. Carefully lay the unit on its back.
8. Remove the screws that secure the bottom cover in place and remove the cover. **NOTE:** The two cap screws that pass through the bottom of the component housing also hold the belt tensioner assembly in place.
9. Disconnect the wiring from the motor to be replaced, remove the four screws that secure it in the cabinet, and remove it from the toaster. If there is a transformer present, disconnect it and remove it from the toaster. It is not required with the new motor.
10. Install the replacement motor by inserting the four studs on its mounting bracket into the four holes in the cabinet where the motor being replaced was mounted. Use the four nuts furnished in the kit to secure the motor in place. Connect the motor wires, black to black and white to white, to the wires disconnected in step 9. Disregard the two-pin connector. It is not used in this application.
11. Reinstall the bottom cover and belt tensioner then stand the unit up.
12. Reinstall the upper idler assembly in the toaster and loop the chain over it.
13. Apply thread locker to the threads of the replacement sprocket setscrew. Install the sprocket and square key on the motor shaft, being sure to loop the chain around the sprocket before pushing it onto the shaft. Use a straight edge laid across the drive sprockets to ensure that the motor sprocket is aligned with the drive sprockets before tightening the setscrew.
14. Plug the toaster in and turn it on to verify that the chain and sprockets are properly aligned. Adjust the position of the motor sprocket as necessary.
15. When satisfied that the chain and sprockets are properly aligned, unplug the unit and reverse steps 1-4 to complete the installation, using the wire ties furnished in the kit to secure the wiring to the diagonal brace. Be sure to install the bun compression knobs as illustrated below.

