

INSTALLATION INSTRUCTIONS FOR DRYER MOTOR

PART NOS. 279827, 279787



WARNING! Electrical Shock Hazard

To avoid risk of electrical shock, personal injury or death; disconnect electrical power before servicing.



WARNING! Potential Fire Hazard and/or Nuisance Tripping of Motor Protector

Do not under any circumstance attempt to remove or replace the motor switch from this pluggable service motor. The switch is a non-serviceable component. Failure to do so could result in fire, serious injury or death.

1. Unplug appliance or disconnect power.
2. Remove defective motor using standard motor removal procedures.
3. Compare and note the difference between the defective motor and your new replacement motor. The first thing you will need to compare is the motor pulleys. The pulley supplied with the replacement motor can be used in all applications. Although there are two (2) cases you may want to use the pulley from the defective motor. See Figure 1 for these (2) cases.

NOTE: If you choose not to reuse your pulley from the defective motor as shown in Figure 1, you will lose the 2-speed or 3-speed option.



3-speed application



2-speed application

FIG. 1

4. If you choose to use the pulley supplied with the replacement motor, you may proceed to step 9. Otherwise proceed to step 5.
5. Remove pulley from replacement motor by using two (2) open end or adjustable wrenches. Place one on the motor shaft, right behind the pulley, and the other on the pulley. Holding the motor shaft in place with one (1) wrench, turn pulley with the other wrench in a counterclockwise direction to remove pulley. See Figure 2.

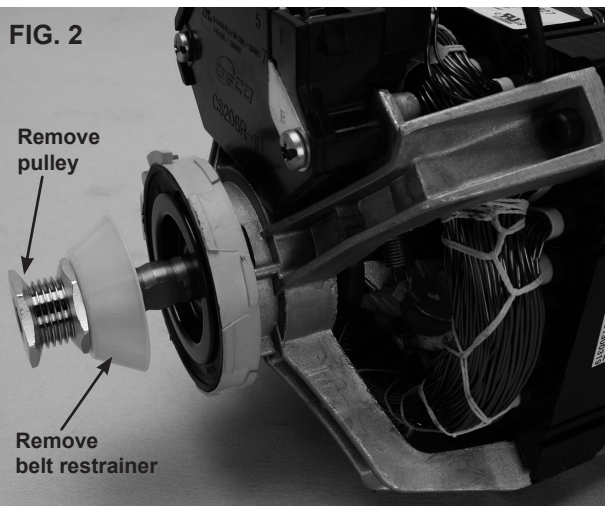
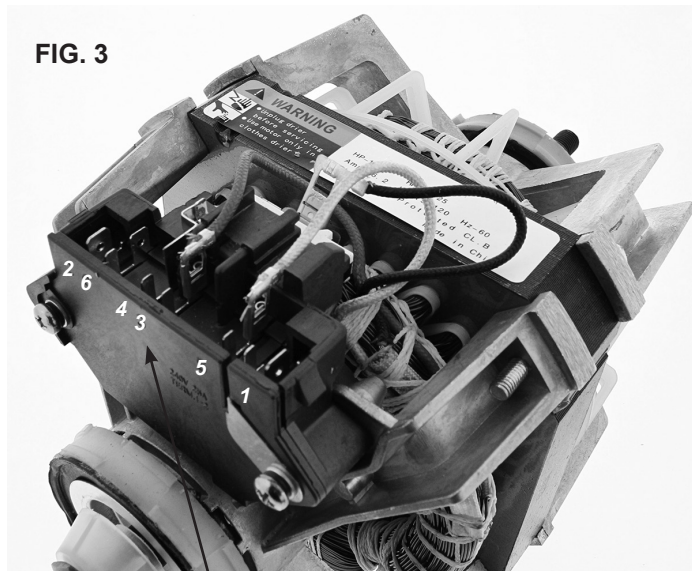


FIG. 2

6. Remove belt restrainer from replacement motor.
7. From the switch end of the replacement motor, cut the threaded portion of the motor shaft off using a hacksaw.
8. With an allen wrench, remove the pulley from the defective motor and reinstall it on the replacement motor. Be sure to push pulley onto the motor shaft all the way and tighten the setscrew securely in place.
9. Compare and note difference between the motor switch of the defective motor and the switch of the new replacement motor. If the switches are the same, simply install the motor in reverse order you've removed the defective motor. See Figure 3. If not, proceed to step 10.
10. Note the location of the motor switch. Secure motor to bracket with the original motor clamps.

FIG. 3



Switch box

Wiring Instructions

11. Connect the blue (4M) wire from main harness to the terminal marked "4" on the switch box.
12. Connect the red (1M) wire lead from main harness to the 1/4" terminal marked "1" on the switch box.
13. Connect the red (2M) wire lead from main harness to the 1/4" terminal marked "2" on the switch box.

14. To connect the black (6M) wire lead from main harness and the white (5M) wire lead from main harness to the motor switch, you must replace the 1/4" female terminals with the 1/8" insulated female terminals.
15. Cut the 1/4" female terminal from the black (6M) and white (5M) wire leads from main harness as close to terminals as possible with wire cutters.
16. Strip wires back approximately 1/4".
17. With barrel crimpers, crimp 1/8" insulated female terminals onto the wire leads.

NOTE: Make sure terminals are crimped securely in place.

18. Connect the white (5M) wire lead from main harness onto the 1/8" terminal marked "5" on the switch box.
19. Connect the black (6M) wire lead from main harness onto the 1/8" terminal marked "6" on the switch box.
20. Reconnect ground wire.
21. All wire lead connections are complete at this point. Finish reassembling the dryer.
22. Plug in appliance or reconnect power.