

DISTRIBUTION BLOWER 80594

INSTALL INSTRUCTIONS

Replaces MPNs: 80594, 80874P, 80230, 80496, 80594P, US80230,
25-41-CD

Before Installing

- **ALWAYS** unplug the unit before beginning any work
 - Allow the unit to cool completely if recently used
 - Work in a well-lit area with proper tools
 - Ensure there are no pellets in the hopper assembly
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Installation Steps

1. Disconnect the power from the unit.
2. Remove the two screws holding the wire cover to the blower housing.
3. Remove the wire cover.
4. Untwist and remove the wire nuts from the wires coming from the blower to the conduit.
5. Loosen and remove the lock nut holding the conduit to the wire housing (The conduit is now free from the blower).
6. Next loosen the 4 bolts holding the blower to the furnace.
7. You can now remove the blower from the unit (Check the gasket at this time. If it is damaged or worn it will need to be replaced).
8. To install the new blower thread one bolt through the blower and gasket (This will help you position the gasket in place).
9. Next insert and tighten all four bolts to the rear of the furnace.
10. Remove the wire cover from the newly installed blower.

11. Using a flathead screwdriver remove the knockout from the side of the blower housing.
 12. Pull out the wires from the blower wire housing and strip approximately a 1/4" of the plastic off of the ends of the wire.
 13. Insert the wires from the conduit through the knockout and position the conduit in place on the side of the wire housing.
 14. Replace the lock nut on the inside of the wire housing and tighten the nut to secure the conduit to the housing.
 15. Connect the black wire from the blower to the black wire from the conduit and the white wire from the conduit to the white wire from the blower.
 16. Reinstall the wire nuts.
 17. Reposition the cover and tighten the two screws.
 18. Plug in your unit and test the blower.
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Post-Installation Check

- Verify all connections are secure
 - Ensure all wiring is not in proximity of moving parts
 - Test motor operation before closing panels
 - Check for any unusual noises or vibrations
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Support

If you encounter any issues during installation, consult your owner's manual or contact technical support via our [contact form](#).