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REPLACEMENT SUPPLY AIR BLOWER KITS

**INSTALLATION INSTRUCTIONS FOR REPLACEMENT SUPPLY AIR BLOWER KITS
(70W40, 70W41, 70W42, 70W43, 70W44 & 70W39 USED WITH 80% and 90% FURNACES)**

Shipping & Packing List

Package 1 of 1 contains the following:

- 1 - Replacement blower assembly
- 1 - Gasket kit (80% downflow furnace)

Shipping Damage

Check for shipping damage. If damage is found, immediately contact last carrier.

Application

Replacement supply air blower kits (70W40, 70W41, 70W42, 70W43, 70W44 and 70W39) are used with 80% and 90% gas furnaces. Refer to table 1 for specific kit applications.

TABLE 1

KIT NUMBER	UH UNIT
70W40	3-ton
70W41	4-ton
70W42	5-ton
KIT NUMBER	DF UNIT
70W43	3-ton
70W44	4-ton
70W39	5-ton

Installation

⚠ WARNING

Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury or loss of life. Installation and service must be performed by a licensed professional installer (or equivalent), service agency or the gas supplier.

⚠ CAUTION

As with any mechanical equipment, personal injury can result from contact with sharp sheet metal edges. Be careful when you handle this equipment.

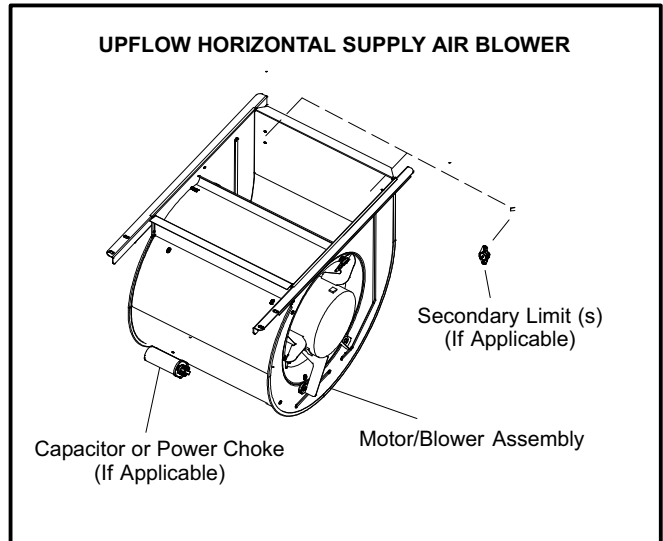


FIGURE 1

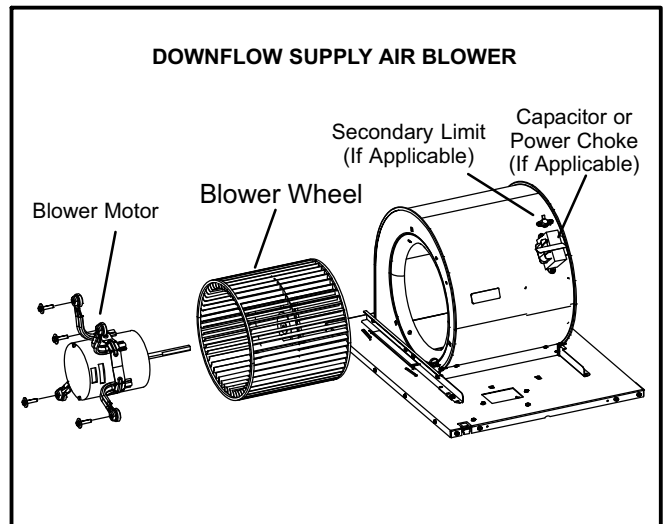


FIGURE 2



- 1 - Turn off electrical and gas supplies to the furnace.
- 2 - Remove the blower access panel.
- 3 - Remove the control box.
- 4 - **80% Downflow Units Only** -- Remove the screws which secure the internal flue pipe and flue chase. Remove internal flue pipe and chase, along with existing gaskets.
- 5 - Identify secondary limit wires, if applicable, and disconnect wires from the wiring harness.
- 6 - Disconnect blower motor harness from unit control board.
- 7 - Remove bolts which secure blower housing to cabinet.
- 8 - Slide existing blower assembly out of the front of the furnace.
- 9 - Remove existing blower motor, blower wheel, cut-off plate and capacitor or power choke from existing blower assembly. Set aside for later use.
- 10 - Replacement blower assembly does not include secondary limit(s). If applicable, remove plugs from properly positioned holes in replacement blower assembly to accommodate installation of existing or replacement secondary limits. Follow guidelines below to determine proper secondary limit usage.

⚠ WARNING

Secondary limits are not provided in this kit. Existing or replacement secondary limit(s) must be installed in the same quantity and location in the replacement blower assembly.

Units with secondary limit(s) - Remove existing secondary limit(s) from existing blower assembly and re-install limits on the replacement blower assembly in the same location.

- 11 - Install existing blower motor, blower wheel, cut-off plate and capacitor or power choke on the replacement blower assembly.
- 12 - Properly position blower motor assembly in the housing. See figure 3 for proper motor orientation. Center the blower wheel in the housing and tighten the set screw. See figure 4.
- 13 - Slide replacement blower assembly into the furnace.
- 14 - Install bolts which secure blower housing to cabinet.
- 15 - Connect blower motor harness to unit control board.

- 16 - Properly connect secondary limit wires, if applicable.
- 17 - **80% Downflow Units Only** - Re-install the existing internal flue pipe and flue chase, using gasket kit provided.
- 18 - Re-install the control box.
- 19 - Replace the blower access panel.
- 20 - Restore electrical and gas supplies to the furnace.

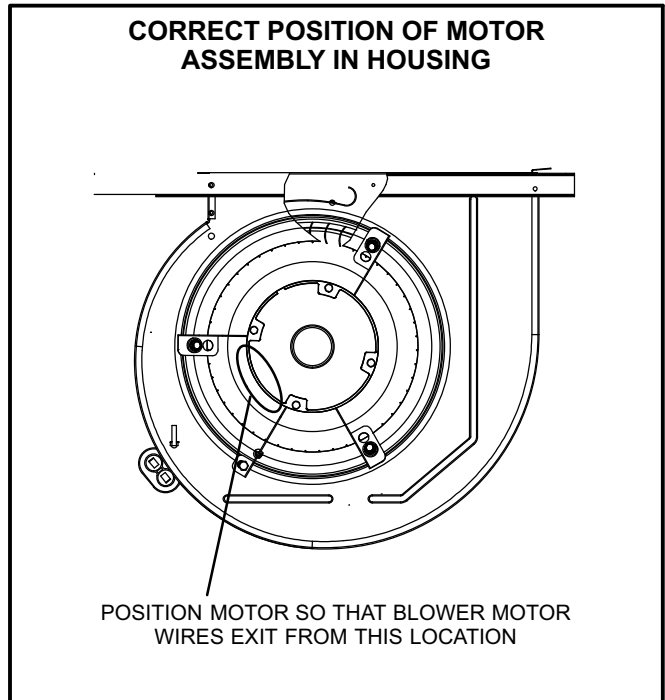


FIGURE 3

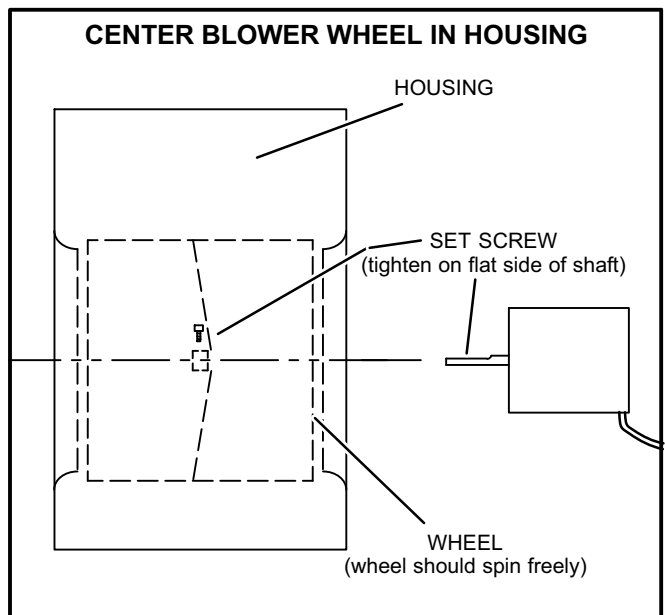


FIGURE 4