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REPLACEMENT MOTOR UPGRADE

ONLY FOR MODELS
DC 85-III & 89

ENGLISH, FRANCAIS (et Canada)

•Installation •Operation
Effective 1/08

Installation instructions for all 85-III and 89-DC model furnaces for replacing motor with plug-in leads to motor with permanent leads. This motor is designed to give more hours of operation.

IMPORTANT

MAKE SURE PROPER MOTOR IS USED FOR THE MODEL FURNACE.

MODEL	KIT #	MOTOR #
8516-20-III	37359	37696
8525-III	37358	37352
8531-35-III	37357	37698
DC 8935-40	37357	37698

WARNING FIRE OR EXPLOSION

- Shut off gas supply at LP container before disconnecting a gas line.

1. Shut off power and turn off gas to the furnace.
2. Open outside door.
3. Remove (4) screws holding back cover to blower housing.
4. Remove draft shield assembly and disconnect gas line.
5. Remove (4) screws that hold burner assembly in place. (On 89 models you will need to remove the rain shield assembly before removing burner assembly.)

6. Remove both the combustion wheel and blower wheel.
7. Remove red +12vdc wire from relay to motor. Discard wire.
8. Remove yellow -12vdc wire from motor. Cut wire flush with blue splice on motor side of relay.
9. Remove (3) screws holding motor assembly to motor wall.
10. Assemble new bracket to motor. Motor lock bracket goes under motor bracket and up through hole with motor leads. Other end locks over end of motor in notch. (See figure below for proper assembly.)
11. Reassemble in reverse order starting with #9.
12. Attach red +12vdc wire from new motor to relays.
13. Attach black -12vdc wire from new motor ground lug above blower cover.
14. Turn on gas. Check incoming gas line fittings for leaks with leak detection solution.

WARNING FIRE OR EXPLOSION

- DO NOT use matches, candles or other sources of ignition when checking for gas leaks.

15. Turn on furnace.

For complete furnace installation instructions please request a furnace IOM manual from 1-574-262-2655.

