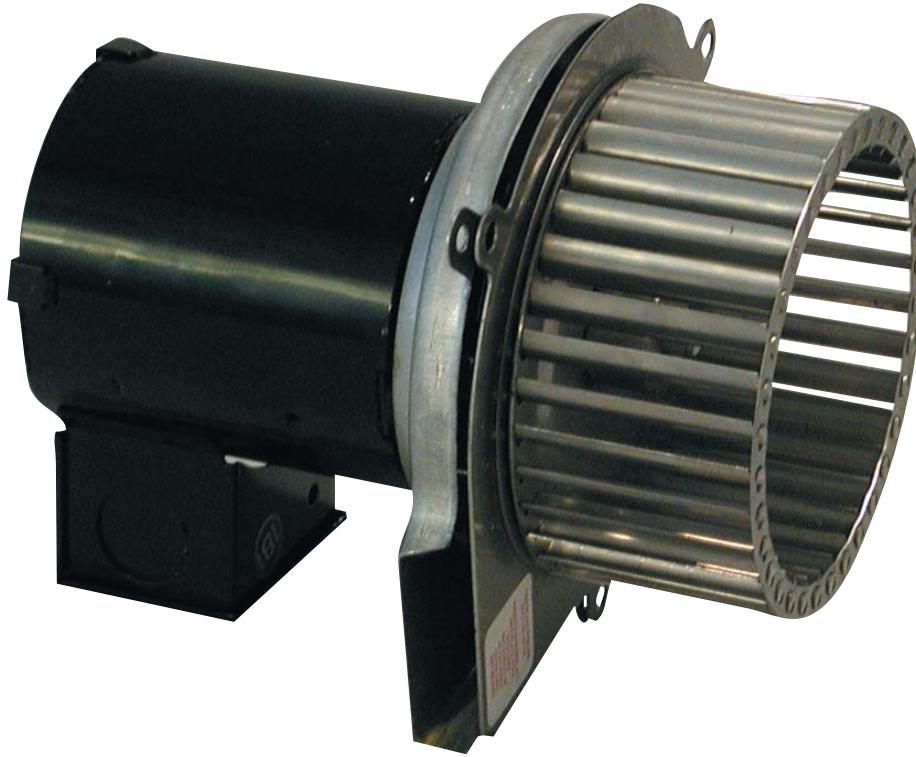


REPAIR MOTOR KIT

Model: SWG



CAUTION: Before working on power venter, shut off electrical power to control box.

ITEMS INCLUDED:

For kit with conduit clamp on motor

- 1- Replacement motor assembly with blower wheel
- 6- #8-18 x 1/4" screws

For kit with an electrical box on motor

- 1- Replacement motor assembly with blower wheel
- 6- #8-18 x 1/4" screws
- 1- 3/8" conduit connector
- 3- Wire nuts
- 3- 18GA motor lead wires

READ THESE INSTRUCTIONS CAREFULLY AND COMPLETELY BEFORE PROCEEDING WITH THE INSTALLATION.

This device **MUST** be installed by a qualified agency in accordance with the manufacturer's installation instructions. The definition of a qualified agency is: any individual, firm, corporation or company which either in person or through a representative is engaged in, and is responsible for, the installation and operation of HVAC appliances, who is experienced in such work, familiar with all the precautions required, and has complied with all the requirements of the authority having jurisdiction.

Please retain these instructions after installation.

Installed By: _____ Phone: _____ Installation Date: _____



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REMOVAL

For kit with conduit clamp on motor

1. Remove the motor enclosure cover by loosening the four screws. (See Figure 1)
2. Remove the clamps from the conduit and motor and disconnect the motor lead wires from the control kit. (See Figure 2) Attach a "pull" or "fish" wire to the motor lead wires on the control kit side to use to pull the leads from the new repair kit motor through the conduit during reassembly.
3. Remove the screws securing the motor assembly. Rotate the motor assembly counterclockwise and slide the assembly into the center, then pull the motor assembly out of the unit. (See Figure 3)
4. Clean off any build-up inside the blower wheel housing.

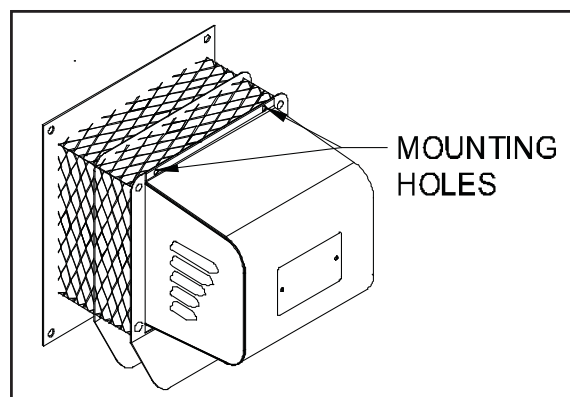


Figure 1

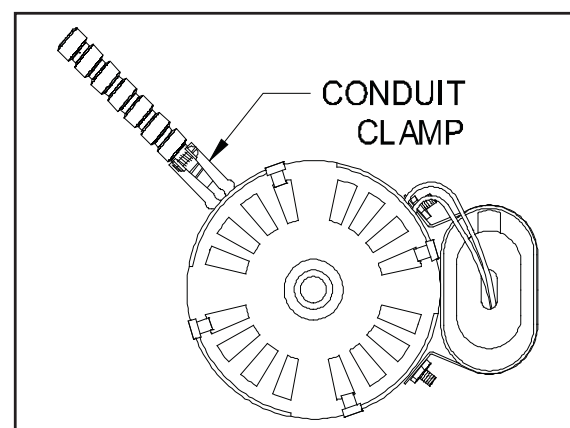


Figure 2

For kit with an electrical box on motor

1. Remove the motor enclosure cover by loosening the four screws. (See Figure 1)
2. Remove the electrical box cover from the motor and disconnect the conduit and wires. (See Figure 4) You do not need to disconnect the wires from the control kit.
3. Remove the screws securing the motor assembly. Rotate the motor assembly counterclockwise and slide the assembly into the center, then pull the motor assembly out of the unit. (See Figure 3)
4. Clean off any build-up inside the blower wheel housing.

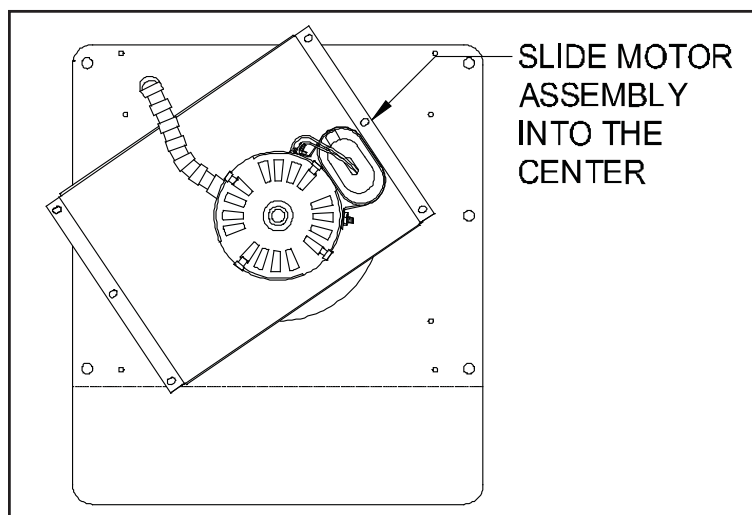


Figure 3

INSTALLATION

For kit with conduit clamp on motor

1. Insert the blower wheel into the hole in the front plate of the venter housing. (See Figure 5)
2. Using two nails or awls, align the two center holes of the motor mount bracket and cover plate. Locate the motor assembly into position by sliding the assembly over the mounting holes in the front plate. Use the nails or awls to hold assembly in position. (See Figure 6) Secure motor assembly into position at the four corners, then secure center two holes.
3. Route the wires from the new motor repair kit through the conduit and attach to the control kit in the appropriate location. Secure the conduit to the motor using the conduit clamps.
4. Seal the top edge of the motor assembly with a high temperature silicone sealant. Install the motor cover with the side louvers pointing downward.

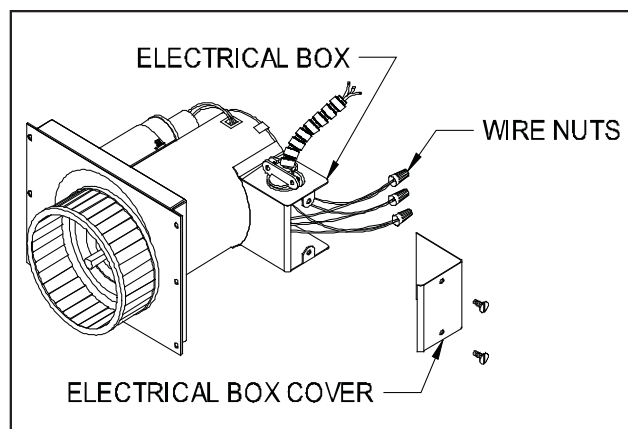


Figure 4

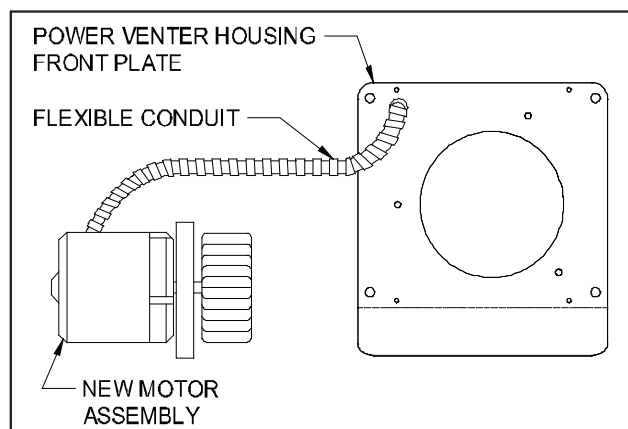


Figure 5

For kit with an electrical box on motor

1. Insert the blower wheel into the hole in the front plate of the venter housing. (See Figure 5)
2. Using two nails or awls, align the two center holes of the motor mount bracket and cover plate. Locate the motor assembly into position by sliding the assembly over the mounting holes in the front plate. Use the nails or awls to hold assembly in position. (See Figure 6) Secure motor assembly into position at the four corners, then secure center two holes.
3. Use the top knockout on the electrical box and reattach the flexible conduit and wires to the motor using the provided conduit connector and wire nuts. Secure the cover on the electrical box. NOTE: If the old motor had conduit clamps, then pull the provided wires through the conduit and connect to the control kit in the appropriate location.
4. Seal the top edge of the motor assembly with a high temperature silicone sealant. Install the motor cover with the side louvers pointing downward.

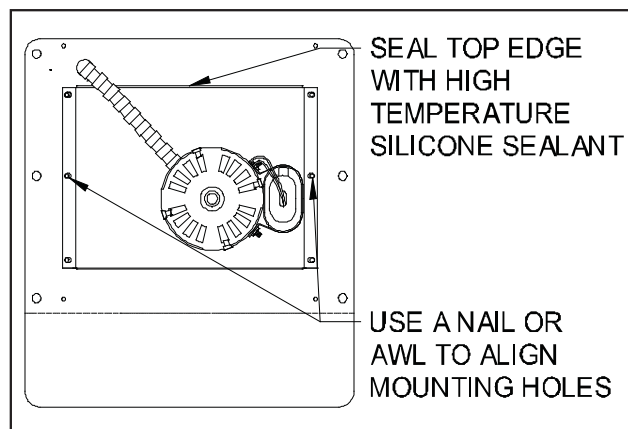


Figure 6

WARRANTY

For warranty about this or any Field Controls product, visit:
www.fieldcontrols.com/warranty



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