

Fan Replacement

For Models post 1999: Centrex 1000 to sn. 50301, Centrex 2000, Centrex 3000, Excel, Compact

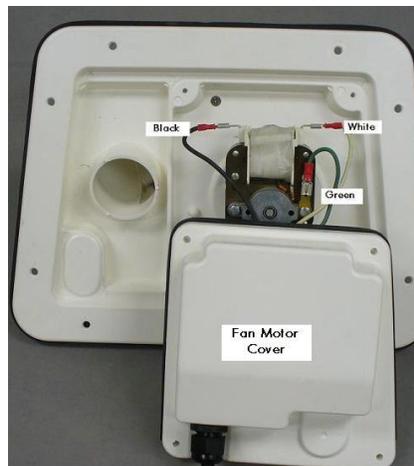


Parts In Kit

Fan Assembly
Fan Motor Cover
Rubber Gasket
3 x Spade Connectors
4 x 1 3/4" Screws
8 x 1" Screws
8 x Snap Caps and washers

Required

Sharp Knife
Phillips Screwdriver
Silicone Caulking
Rubber Gloves
Masking Tape (Excel & Compact)



Removing The Fan

- 1) Disconnect the vent pipe. Use the sharp knife to cut the silicone seal on the vent and pull the vent from the fan assembly.
- 2) Use sharp knife to pry the four snap caps from around the fan motor cover, exposing the screws.
- 3) Use Phillips screw driver to remove the four screws and gently pull the fan motor cover away from the unit, exposing the fan motor and wires.

- 4) Gently pull the wires from the motor by grasping the connectors near the motor and pulling. Once the three wires have been disconnected, set aside the fan motor cover for re-use. If the motor cover is damaged, it may be replaced with the new motor cover. To free the power cord, twist the black coupling (where the wire exits the fan motor cover) in a counter clockwise direction. Once the fitting is loose, remove the power cord.
- 5) Use sharp knife to pry the eight snap caps off of the fan plate, exposing the screws.
- 6) Use a Phillips screw driver to remove the eight screws.
- 7) Gently pull fan plate away from unit.

Installing The Fan

1) Excel and Compact units: Tape the handle under the seat with masking tape. The back of the crank shaft is seated in the fan assembly. To ensure that the handle ends up in the desired position, it is essential that it should be taped in place. If you do not have tape, you may wish to have someone hold the handle in place under the seat while you install the fan. Ensure that the hole in the drum is lined up with the opening under the toilet seat.

2) If you suspect there is a down draught or you have horizontal or near horizontal runs in the vent pipe, you may wish to close the fan gate on your fan. Loosen the screw shown in Figure 1 and slide the fan gate to '0'. Tighten the screw. This will increase the volume of air up the vent. If this does not apply to your installation, this step may be skipped. Although closing the fan gate will help to overcome odors caused by venting issues, closing the fan gate will result in approximately a 10% reduction in evaporation rates.



3) Excel and Compact units: Insert the stainless steel shaft in the cone shaped assembly on the fan plate.

4) Replace fan assembly into unit and replace eight screws around the perimeter of the fan plate, making sure not to over-tighten.

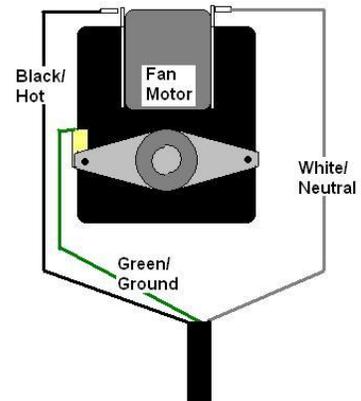
5) Replace the snap cap covers over the screws.

6) Slide spade connectors on power cord over the small posts on the fan motor as shown in the diagram to the right.

7) Replace the fan motor cover and fasten the four screws in place.

8) Replace the snap caps over the screws.

9) Reinstall the vent pipe and seal the vent connection with silicone.



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