



Installation Instructions for the Miracle Seat[®]

Please read all instructions before beginning installation

Refitting Existing Bathroom

Please note some bathrooms will require slightly different procedures, depending upon whether the bathroom is located on the first or second floor or if the toilet is against an exterior or interior wall. Standard installation time 2 hours or less.

Supplies required:

1. Miracle Seat Kit Includes:
 - Assembled toilet seat
 - Electric fan (90 cfm)
 - Flexible plastic tube (1inch diameter, 15inches long)
 - Manifold cap
 - Reducing PVC elbow (1 ½inch to 1inch)
 - PVC pipe section (1inch diameter, 6 inches long)
 - Escutcheon – chrome
2. PVC Pipe (1 ½ inch diameter)
3. Elbows & couplings for 1½ inch PVC pipe
4. Glue for PVC pipe fittings
5. Flexible Duct (3inch diameter)
6. "Y" or "T" if connecting to existing fan duct
7. Clamps for Duct (4inch clamps or longer)
8. Electrical wiring for fan (14 gauge, 3 stranded)
9. Nails or screws to attach fan to truss or ceiling joint

Tools required:

1. Saw or cutter for PVC pipe
2. Knife to cut hole into bathroom drywall
3. Drill and 2" hole saw or spade bit to drill a hole in cover plate
4. Wire cutter to trim electrical wire
5. Hammer for attaching electric fan to stud or brace

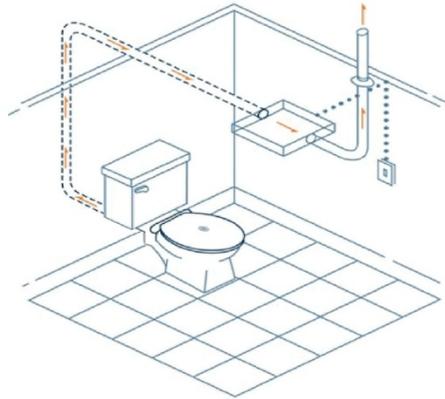
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Installation procedures:

1. Decide on which side of the toilet the flexible tube will be located. The side farthest from view is recommended. Then, cut a hole in the wall where the PVC pipe will be placed. Cut the hole slightly smaller than the outside diameter of the escutcheon (round chrome cover plate for hole). Usually this will be a hole from 2 inches to 2 ½ inches wide.
2. Enter the attic above the bathroom and locate the position directly above the hole in the wall. Drill a 2" inch hole in the top plate (the board located on top of the wall).
3. Locate a convenient position to place the electric fan, between this hole and the bathroom light junction box. The fan should be 25 feet or less from the toilet (combined length of the PVC pipe and flexible tube).
4. Securely attach the fan to a truss, ceiling joint or brace.
5. Insert the first section of 1 ½ inch pipe into the hole in the top plate and glue sections as needed together with couplings.
6. Return to bathroom and align bottom of pipe with the hole, glue on the 90-degree reducing elbow.

7. Using glue, insert the section of 1" PVC pipe into the elbow, allowing approximately 2 to 3 inches to protrude through the wall.

8. Return to the attic and glue a 90 degree elbow onto the top end of the PVC pipe, pointing to the electric fan then, run 1 1/2 inch PVC.

9. Install 3 inch flexible exhaust duct to fan and existing exhaust duct or to roof or gable vent.

10. **Always turn off main electrical power prior to handling electrical wiring.**

A) Connect electrical wire to the light circuit then connect electrical wire to fan.

B) Connect wire to light fixture INSIDE the junction box at switch.

11. Return to the bathroom and install the escutcheon over the 1inch PVC pipe and after cutting the flexible tube to desired length, slide flexible tube onto the Miracle Seat manifold outlet and onto the 1inch PVC pipe. Note: Do NOT use glue on the flexible tube.

12. Place the Miracle Seat on the toilet and secure using the nuts and washers supplied in the kit. Firmly tightened but not over-tighten being careful not to strip threads or break the bolts.

13. Turn the main power back on and turn on the bathroom light switch to activate the Miracle Seat.

14. **Important Note:**

- Building codes vary between States. Be sure that installation of the Miracle Seat conforms to local building codes.
- Never work with "live wires."