



Air Switch Installation Instructions

The Air Switch Kit is designed for installation on all Jacuzzi Whirlpool Bath products with a motor rated at 15 Amps maximum, having snap-in connector motor wiring. The installation procedure requires installing the actuator, attaching the switch box on a stud wall near the bath and making electrical connections.

Contents of Kit

Actuator, switch box and 10 feet of vinyl tubing with tee.

Preparation

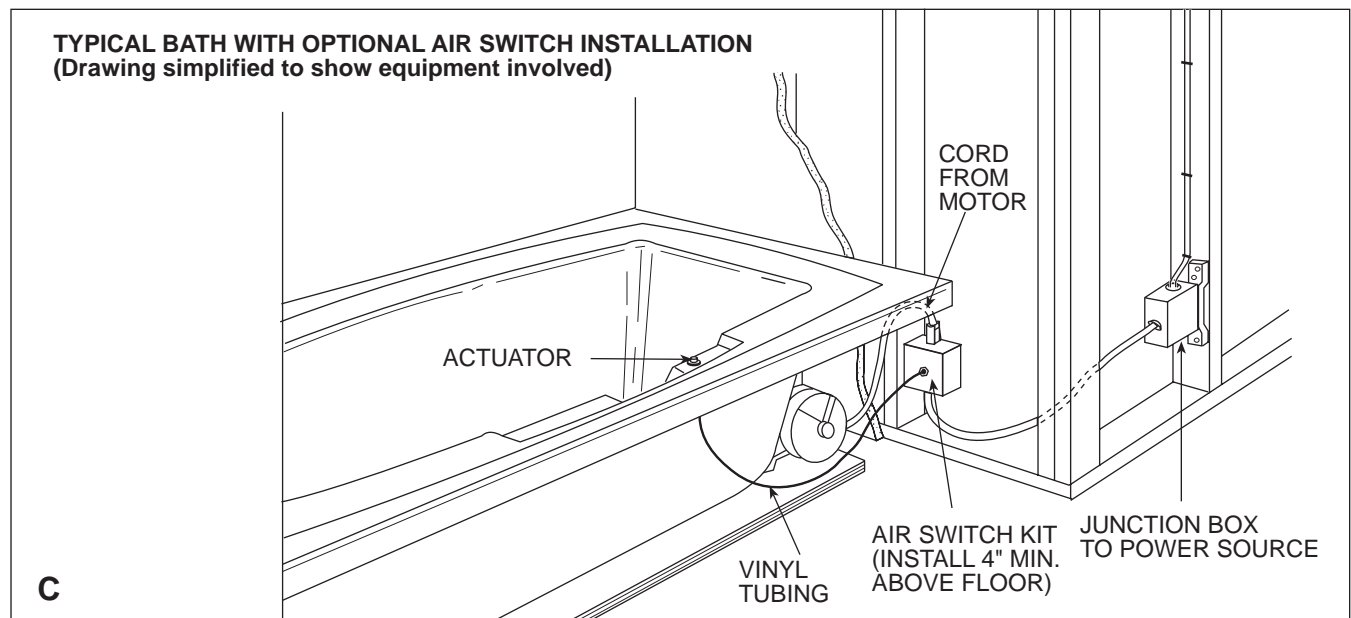
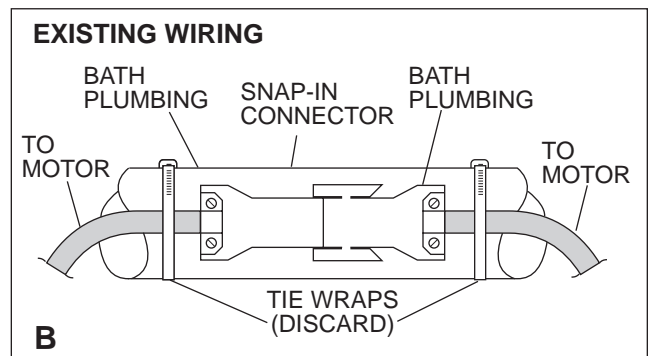
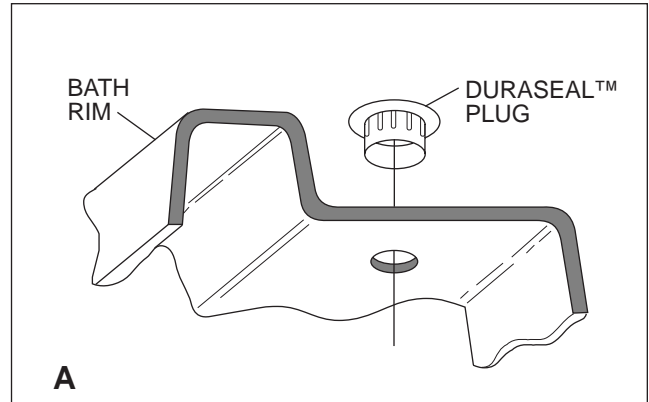
Locate the DuraSeal™ plug on the bath rim. From under the rim tap the plug out and discard. See Illustration A.

Turn OFF circuit breaker. Unplug the snap-in connector connected to the in-line receptacle strapped on the plumbing near the motor/pump. Remove the tie-wraps which secure the existing receptacle and power cord to the bath plumbing. See Illustration B. Discard the receptacle/power cord.

Installing the Switch Box

Attach the switch box with screws to the stud wall nearest the bath motor, so the cord from the motor will reach. The box must be at least 4" above the floor. See illustration C and E.

Note: If there is no stud accessible and within reach of the cord, the box can be mounted on the discharge piping by installing screw-type clamps (not provided) on the bracket.



Electrical Connections

A separate 150 VAC, 20 amp circuit is required. We recommend the circuit be protected by a Ground Fault Interrupter (GFCI). Plug in the snap-in connector on the cord from the motor into the switch box receptacle. **Note that the plug and receptacle configurations allow only one method of connection. See Illustration E.**

Installing the Actuator

Disassemble the actuator assembly by twisting the threaded sleeve counterclockwise to disengage it from the bellows body. Remove the nut and apply an 1/8" bead of silicone sealant to the back of the flange. Insert the threaded sleeve into the hole on the bath or spa rim from the top of the rim. Reinstall the plastic nut and tighten until the flange is flush against the underside of the shell. Reinstall the bellows body onto the threaded sleeve. See Illustration D.

Air Line Connection

Cut a 6" length of vinyl tubing. Remove the outer nut from the air switch on the switch box. Push tubing through center hole of nut. Push end of tubing on the switch and reinstall the nut. Attach the other end to one end of the bleeder tee. Connect the remaining tubing between the other end of the bleeder tee (not to the center port of the tee) and the bottom of the actuator bellows. See Illustration E.

Cut off any unnecessary tubing before attaching the tubing to the bellows. Allow some slack in the tubing and avoid pulling it tight. See Illustration E.

IMPORTANT: The installation of the bleeder tee is necessary to ensure proper operation of the air switch.

To test for proper operation, fill the bath to 2-3" above the jets; restore power to the circuit and operate the switch.

IMPORTANT

Proper installation of the air switch and compliance with local codes is the responsibility of the installer. Jacuzzi Whirlpool Bath does not warrant electrical connections, nor is it responsible for damage to the bath which occurs during any installation procedure.

ACTUATOR ASSEMBLY

