**REPAIR GUIDELINE**

**RG 2015-002**
10/23/2015

*Repair Description:*

Replace BP54000/BP55000 with PA54000 for repairs

*Tools Required:*

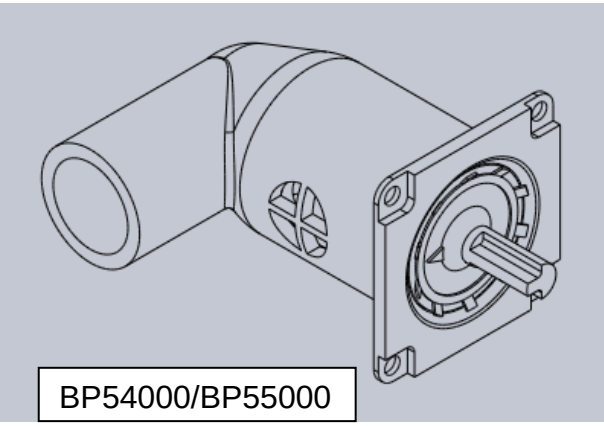
1) #2 Philips head screwdriver or Drill
2) Small, flat head screwdriver
3) Dremel Tool or ¼" round file
4) Caulking Gun
5) Silicone Caulking
6) Clean Up Towel
7) PVC Cement

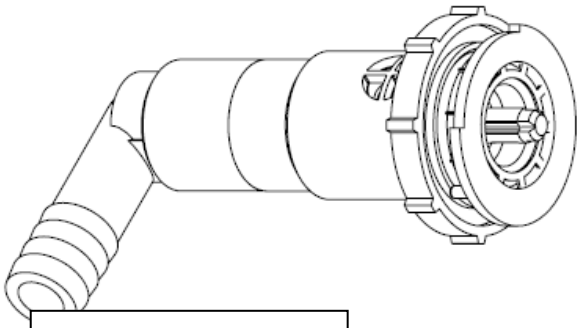
*Step List:*

1) Remove Trim Rings
2) Remove Knobs & Air Switch
3) Remove Panel Bezel
4) Remove Existing Valves
5) Modify Mounting Holes
6) Attach and Seal New Valves
7) Reattach Bezel
8) Reattach Knobs, Air Button, and Trim
9) Attach Barbed Elbows and Air Lines

*IMPORTANT*
This new item must be retrofitted to your existing unit.The item cannot be replaced from the topside of the control panel, but must be accessed from the underside of the panel. The internal parts are not interchangeable nor compatible.

*Approximate time:* 30 - 45 minutes


BP54000/BP55000


PA54000

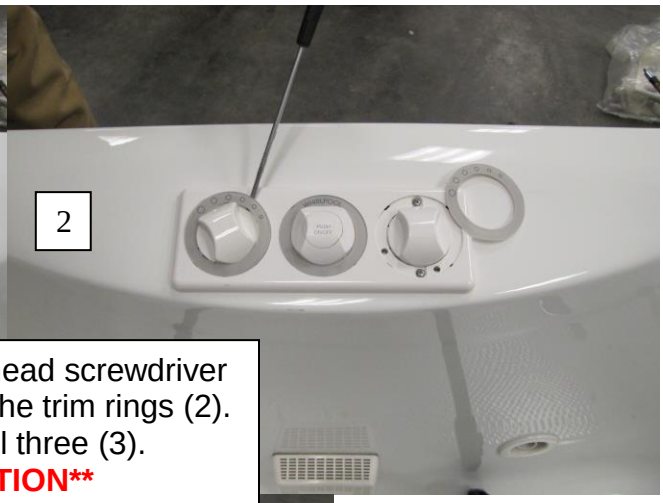
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## *Step 1: Remove Trim Rings*




Use a small flathead screwdriver to gently pry up the trim rings (2). Remove all three (3).

****CAUTION****

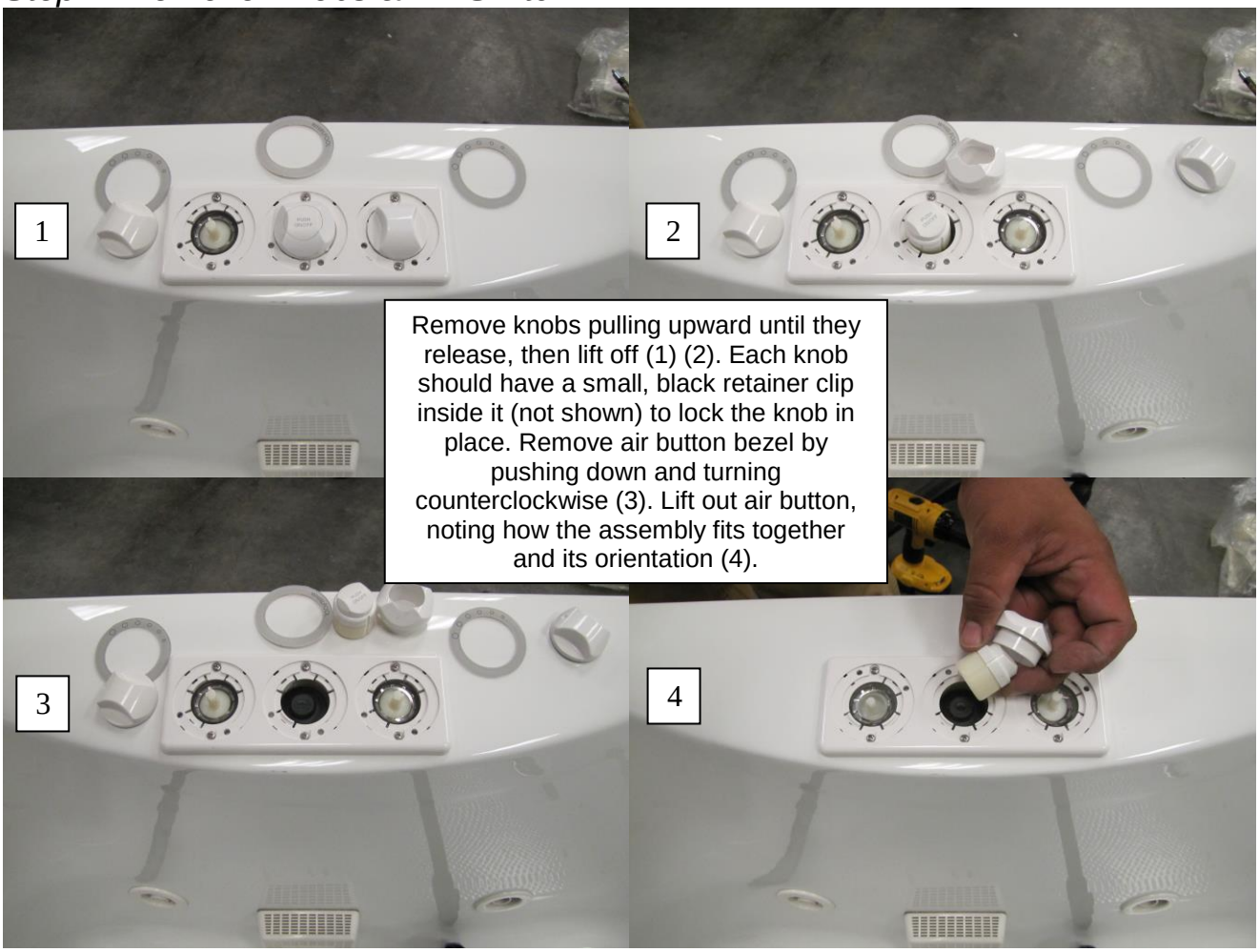
*Trim rings are fragile – Do not force.*




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## *Step 2: Remove Knobs & Air Switch*




Remove knobs pulling upward until they release, then lift off (1) (2). Each knob should have a small, black retainer clip inside it (not shown) to lock the knob in place. Remove air button bezel by pushing down and turning counterclockwise (3). Lift out air button, noting how the assembly fits together and its orientation (4).

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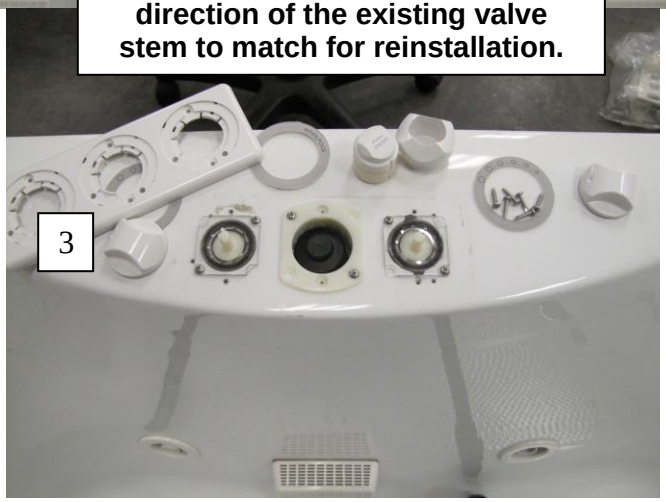
*Step 3: Remove Panel Bezel*







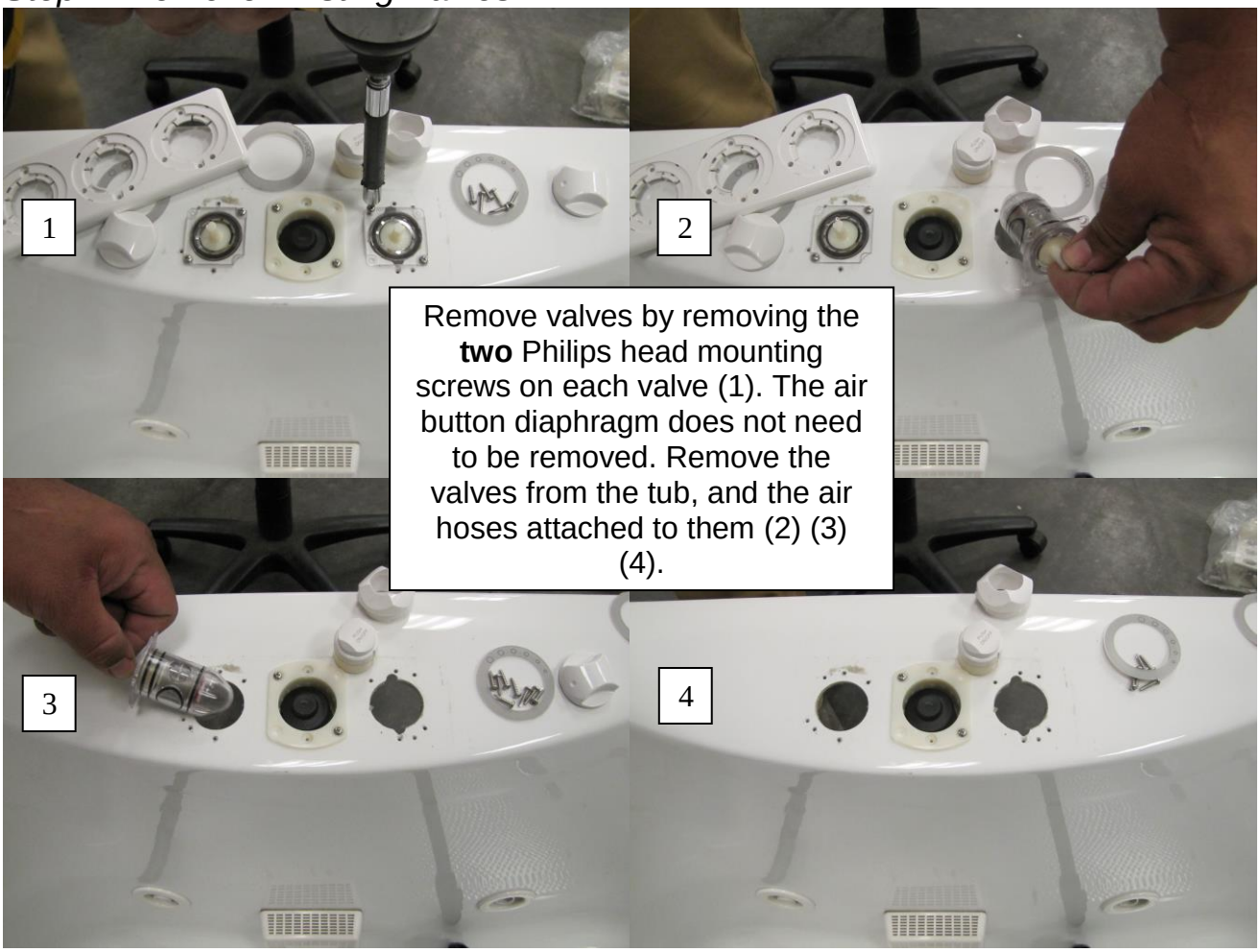
Use a Philips head screwdriver or drill to remove the **six** mounting screws holding the bezel to the tub surface (1) (2). Remove bezel (3). **Be sure to note the orientation and direction of the existing valve stem to match for reinstallation.**




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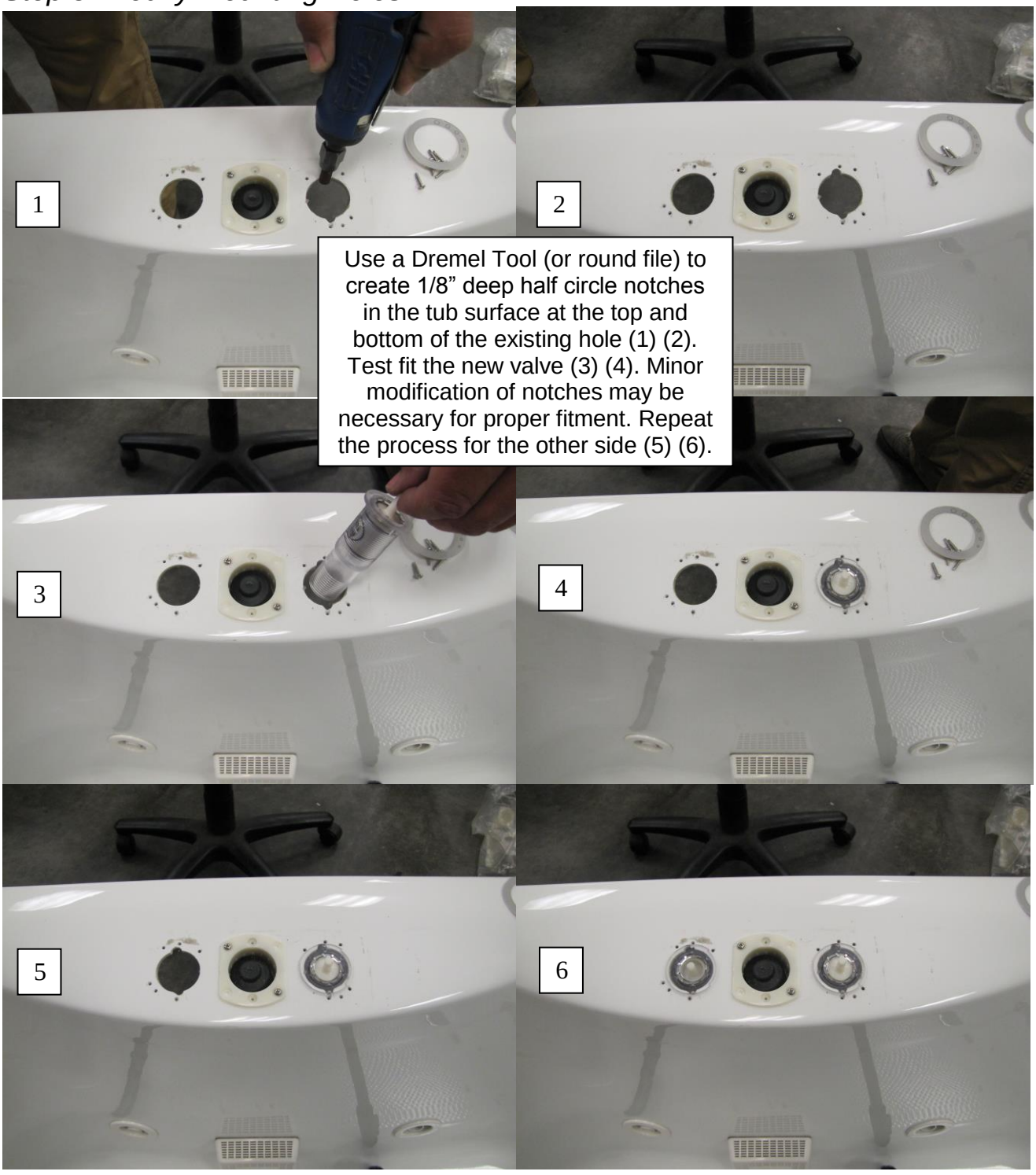
*Step 4: Remove Existing Valves*




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## *Step 5: Modify Mounting Holes*




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## *Step 6: Attach and Seal New Valves*







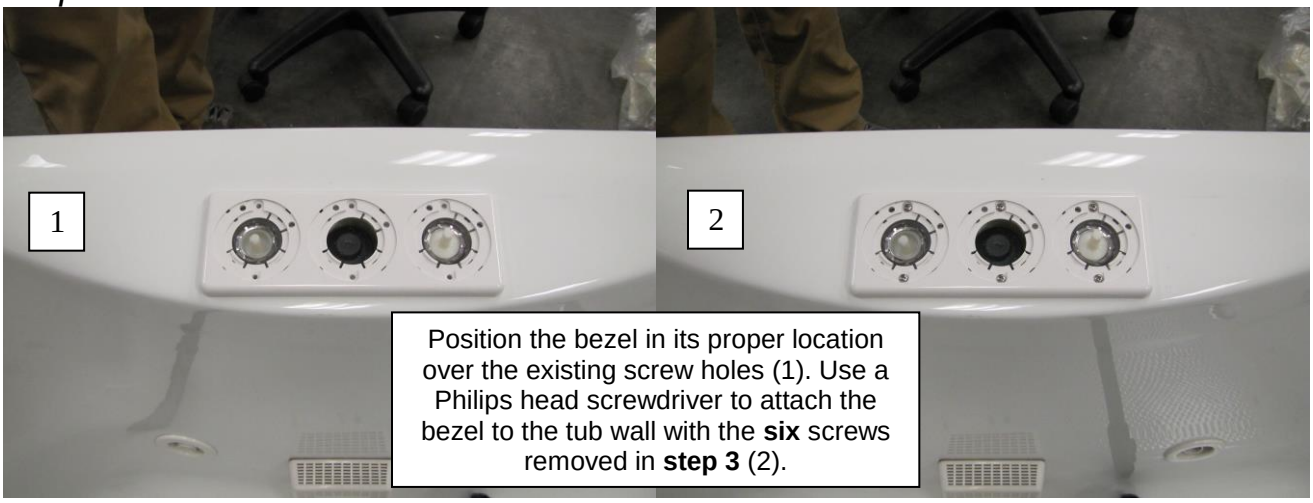
Apply a bead of silicone around the base of the new valve. Push and seal into place. Clean up excess.

****NOTE****

*The new valves do not use mounting screws; the retainer nut (2) will hold them in place.*

From the underside of the tub wall, screw the retainer nut on to both vales. Tighten until snug. Clean up any excess silicone (top & bottom).

## *Step 7: Reattach Bezel*

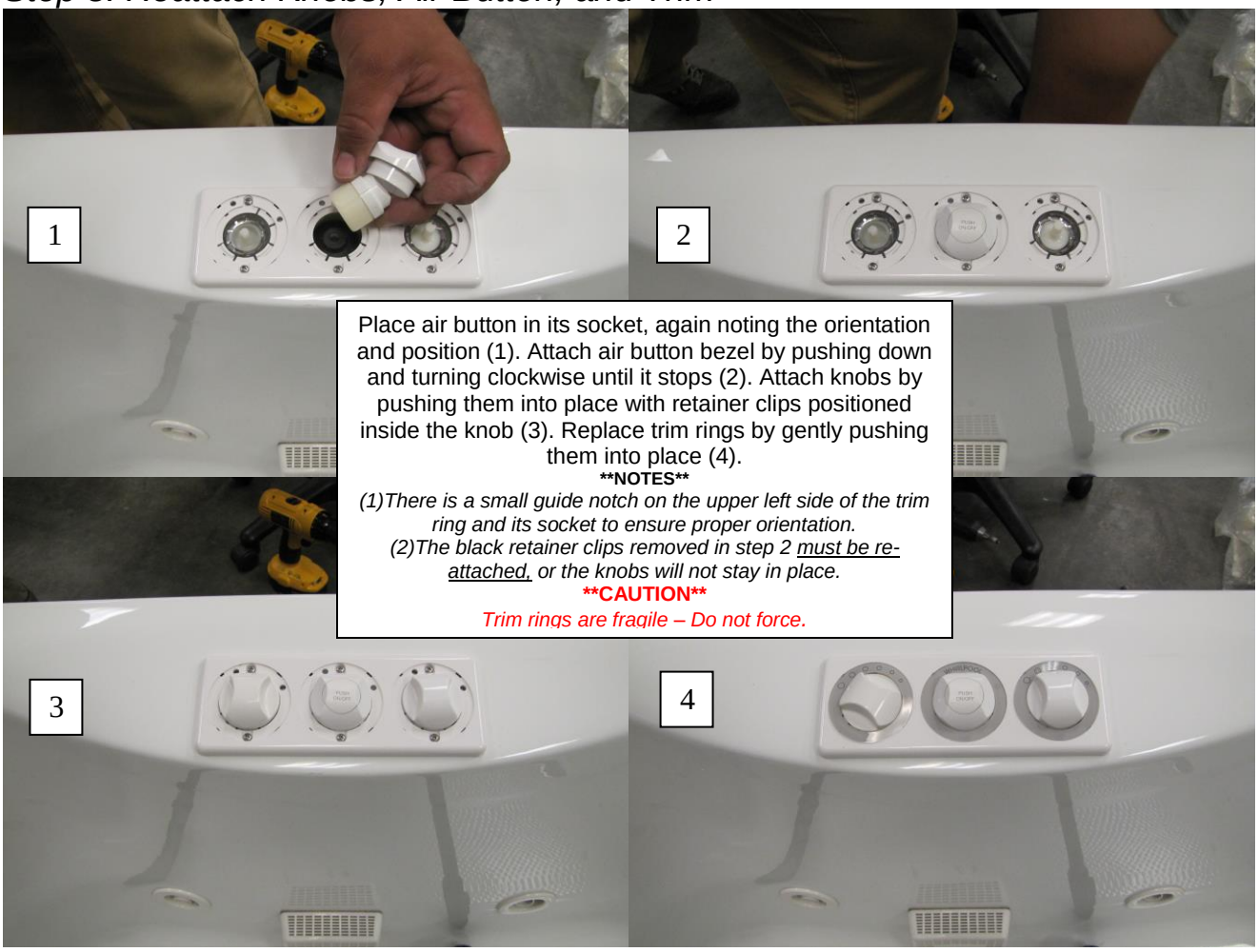



Position the bezel in its proper location over the existing screw holes (1). Use a Philips head screwdriver to attach the bezel to the tub wall with the **six** screws removed in **step 3** (2).

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## *Step 8: Reattach Knobs, Air Button, and Trim*




Place air button in its socket, again noting the orientation and position (1). Attach air button bezel by pushing down and turning clockwise until it stops (2). Attach knobs by pushing them into place with retainer clips positioned inside the knob (3). Replace trim rings by gently pushing them into place (4).

****NOTES****

*(1)There is a small guide notch on the upper left side of the trim ring and its socket to ensure proper orientation.*

*(2)The black retainer clips removed in step 2 must be re-attached, or the knobs will not stay in place.*

****CAUTION****

*Trim rings are fragile – Do not force.*

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*Step 9: Attach Barbed Elbows*

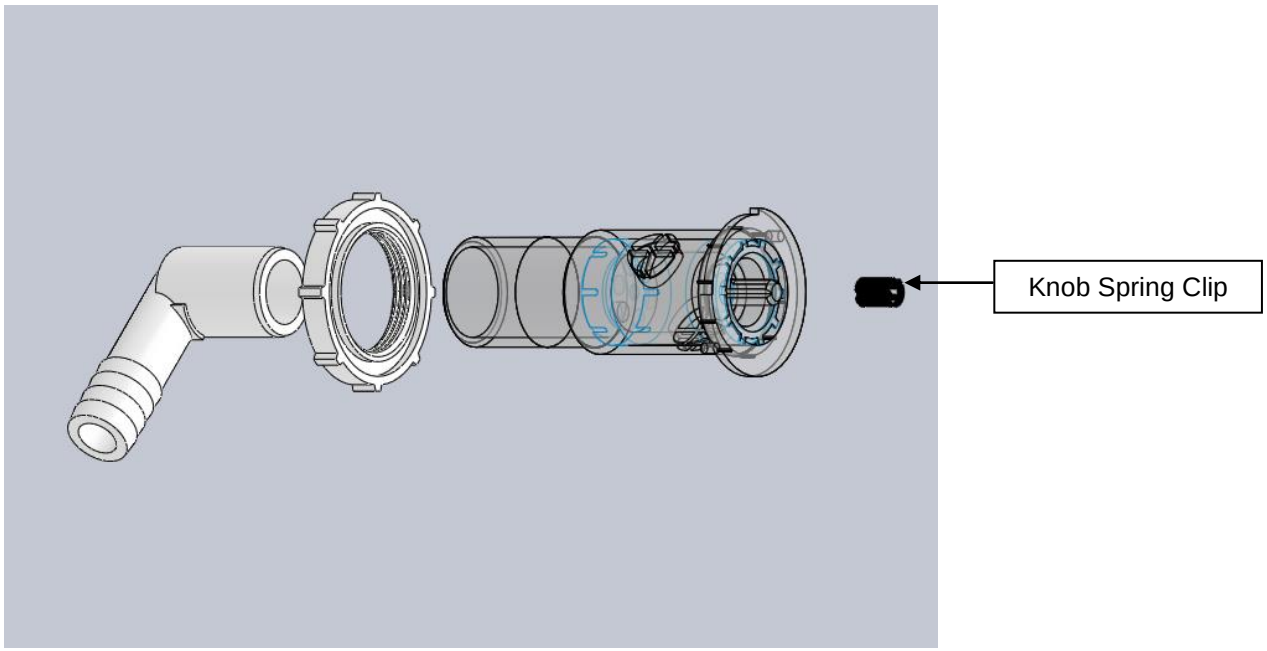
Please read Below:




Or

Don't Glue Barb fitting if you have PVC Flex Pipe. You can Glue Flex Pipe into Air control Housing.

**PA54000 Exploded View**




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