

DIY Air Spa Kit – Instructions

80-155-06



- Recommended only for competent D.I.Yers
- Only suitable for acrylic baths with a maximum base board thickness of approx 25mm
- We advise that protective clothing and eye protection is worn when necessary.
- Check all components are present and free from faults before starting the build

You Will Need!

1. China graph pencil or similar to mark hole positions
2. Drill
3. 4mm drill bit
4. 12 mm Glass/Tile cutter bit
5. 32mm hole saw
6. Spanner
7. Allen Key
8. Silicone & tie wraps
9. Pliers/pincers
10. Solvent cement

Step 1

Mark out the whole positions for the 8 spa jets in the flat area of the base of your bath

Make sure there are no direct obstructions such as bath legs underneath the bath.

Drill 8 x 4mm pilot holes in the base of your bath making sure the holes are drilled perfectly straight at a 90degree angle to the base of the bath

Ensure all holes are drilled through the base board!

Step 2

Enlarge these holes using a 12mm glass/tile cutting drill bit

(Available from a good tool shop)

Step 3

Mark out the desired location for the on/off control on a flat area of the rim of the bath

Ideally on/off controls should be positioned at the back rest end of the bath in the corner on the access side.

Drill a 32mm hole for the control button, making sure the area has no obstructions underneath.

Step 4

Clean area of any debris

Step 5

Place the 8 brass spa jet bodies into the holes you have just drilled making sure the black O rings are in place between the spa body & the acrylic surface of the bath (this is the seal)

Do not use silicone

Step 6

Screw the brass nuts onto the brass spa bodies from the underside of bath, make sure they are finger tight and then tighten by ¼ turn with a spanner.

Do not over tighten as this may damage your bath & crack the acrylic

Step 7

Turn your bath upside down.

Place the Manifold assembly (this is made up by gluing the parts together as shown in picture a below / next page) onto the underside of the rim of the bath, making sure you choose the long access side of the bath.

Make sure the end of the manifold with the flexible pipe is pointing to the back rest end of the bath as this is where the blower connection will be made.



- **Picture A (Manifold assembly)** made up of 9 parts, glue together using standard solvent cement
- Take care not to get glue into the moving parts of the non return valve. Make sure valve is fitted the correct way, air moving into the manifold from the blower.
- Make sure the gaps in the interlinking parts of the manifold line up with the ports otherwise you will block a jet (assemble dry first to make sure you are happy with the assembly)

Step 8

Using the clear pipe - Connect the 8 spa jets to the 8 outlets of the white manifold.

You should run the clear pipe from the jet body to the manifold using 2 metal clips to secure the pipe at each end. Make sure the pipes do not have kinks in them.

NOTE: Use the clear pipe sparingly.

Once all pipes are in place tighten the clips by crimping the ears with pincers or pliers evenly on both sides.

Step 9

With all the pipes in place secure the manifold assembly to the underside rim of the bath with silicone or tie wraps to wooden baton if available.

The manifold must be fixed directly under the rim of the bath so that it is always at a height above bath water level.

Step 10

Turn the bath the right way up. (Once any silicone used has had time to cure)

Step 11

Drop a ball bearing into each jet body and screw on the chrome spa jet covers.- Use an Allen key do not over tighten cap

Step 12

Place the ON/OFF control through the hole you drilled earlier on the rim of the bath. Attach with nut and washer from underside of bath.

Step 13

Place blower on the floor towards the back rest end of the bath

Attach the blower to the flexible pipe with the blue union.

Screw the blue union onto the blower, making sure washer is in place.

Step 14

Connect the On/Off control

Attach the clear air tube to the nipple on the bottom of the on/Off control & run to the nipple on the back of the blower

Step 15

Important - Water test

Fill bath with a little water to check all seals for leaks. It may be necessary to tighten up some fittings.

Important!

You will require an electrician to make the final electrical connection from the blower to your houses electrical system.

An RCD (Residual Current Device) must be fitted.

All electrical connections & installations must be carried out by a qualified electrician in accordance with the current IEE and Building regulations.

Help & Advice

- Should you require any further help and advice please don't hesitate to contact us
- If you feel we have missed any relevant information out from these instruction please let us know so we can further improve them.