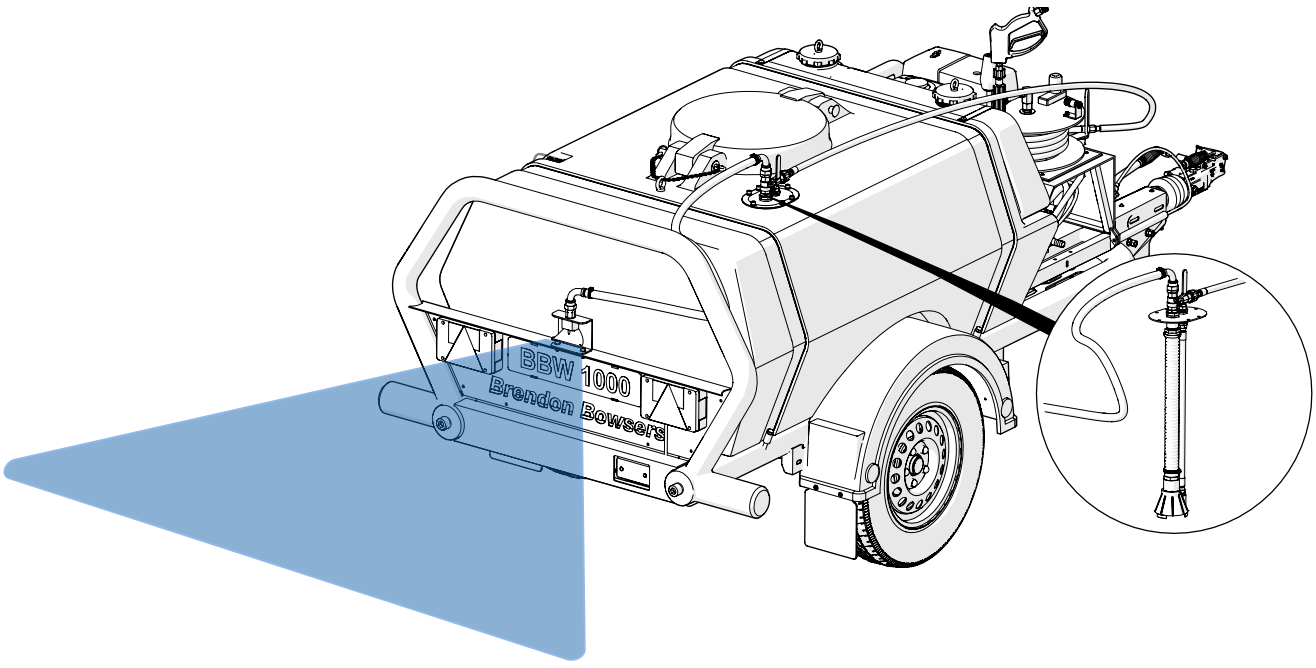
BRENDON POWERWASHERS®

BUILT TO LAST... DESIGNED TO PERFORM

HVDK1000

FITTING INSTRUCTIONS

HIGH VOLUME DUST SUPPRESION



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HVDK1000 fitting instructions

This document details the instructions for fitting the Brendon High Volume Dust Suppression Kit to a Brendon Bowserwasher.

Safety Precautions

- Engineer must read and understand these instructions fully.
- Engineer must wear appropriate Personal Protective Equipment (PPE) during operation.
- Check handbrake is on and Bowserwasher is secure during operation.
- Check the Bowserwasher is on stable and level ground during operation.



- Check the water tank is empty.

Required Personal Protective equipment (PPE)

Mandatory: Non-slip safety boots, Goggles & Gloves.



Recommended: Waterproof overalls / clothing suitable for local environment conditions, hard hat & Hi-vis clothing.



Components supplied

Part No: HVDK1000

Kit consists of:

- 6.8mm drill bit
- M8 drill tap
- Cut / drill template
- HVDK1000 pump assembly
- HVDK1000 nozzle assembly
- Link hose & hose clips
- Nuts, bolts and washers

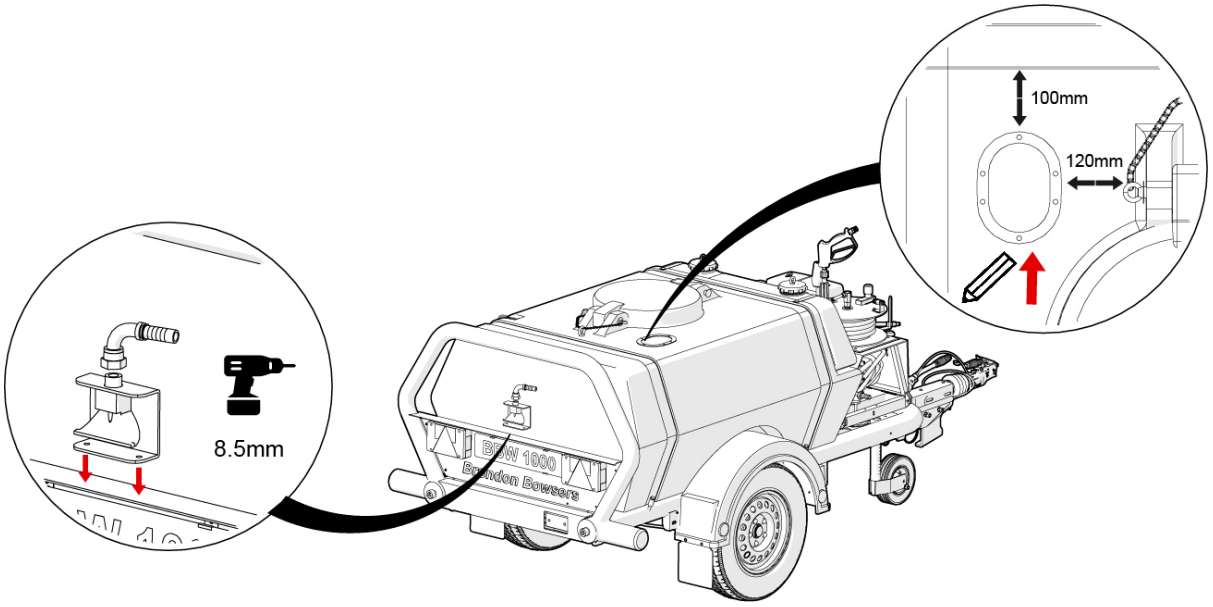
Tools required

You will need:

- Ruler
- Marker pen
- Drill
- 8.5mm drill bit
- Jigsaw / Reciprocating saw
- Trimming knife
- Silicone Compound
- Vacuum Cleaner
- 6mm Hex key
- 13mm wrench
- Flat head screwdriver

Cut & Drill holes

1. Using the HVDK1000 nozzle assembly as guide mark 2 holes in the centre the top flat of the lighting board, drill using a 8.5mm drill bit.



2. Locate the cut / drill template using the dimensions above, mark the inside oval and the 6 bolt holes.

3. Use either a jigsaw or reciprocal saw to cut out the oval shape.

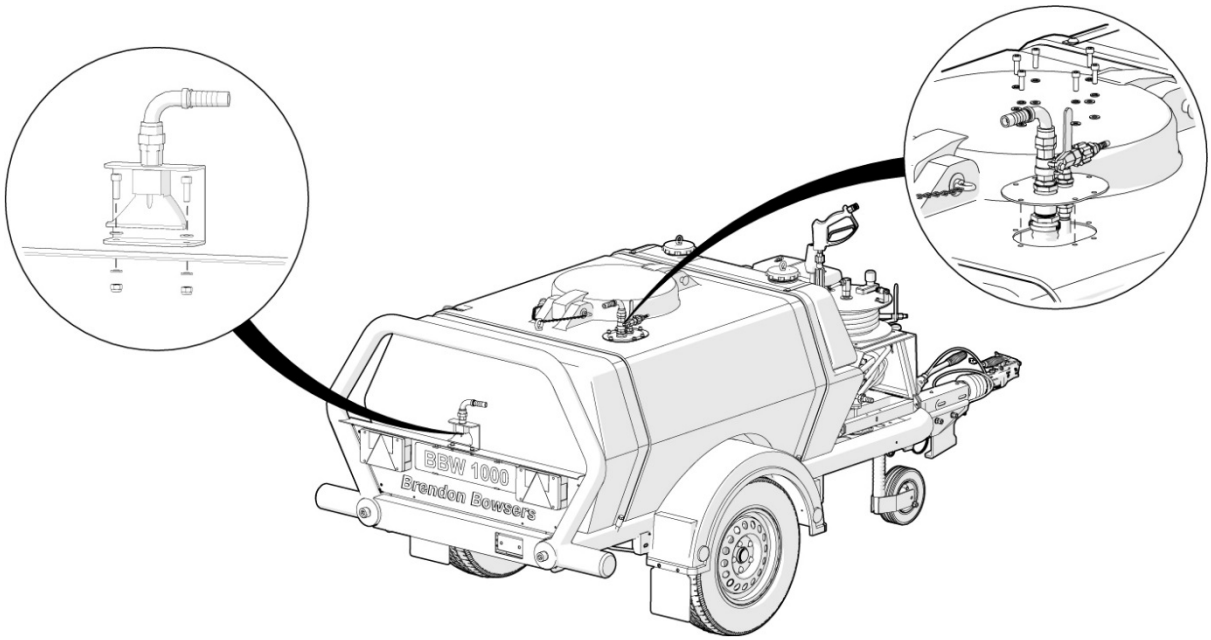
4. Drill out each of the six holes with the 6.8mm drill (provided) then tap the holes using the M8 tap provided.

5. Clean any swarf from the tank as this can block the filter.

TIP: *Empty the tank completely prior to cutting and drilling, as it will be easy to use a vacuum to remove the swarf.*

Fit the nozzle & pump assemblies

6. Ready 2x M8x25 cap head bolts, 4x M8 washers and 2x M8 Nyloc nuts and secure the nozzle assembly with a size 6 hex key and a 13mm wrench.



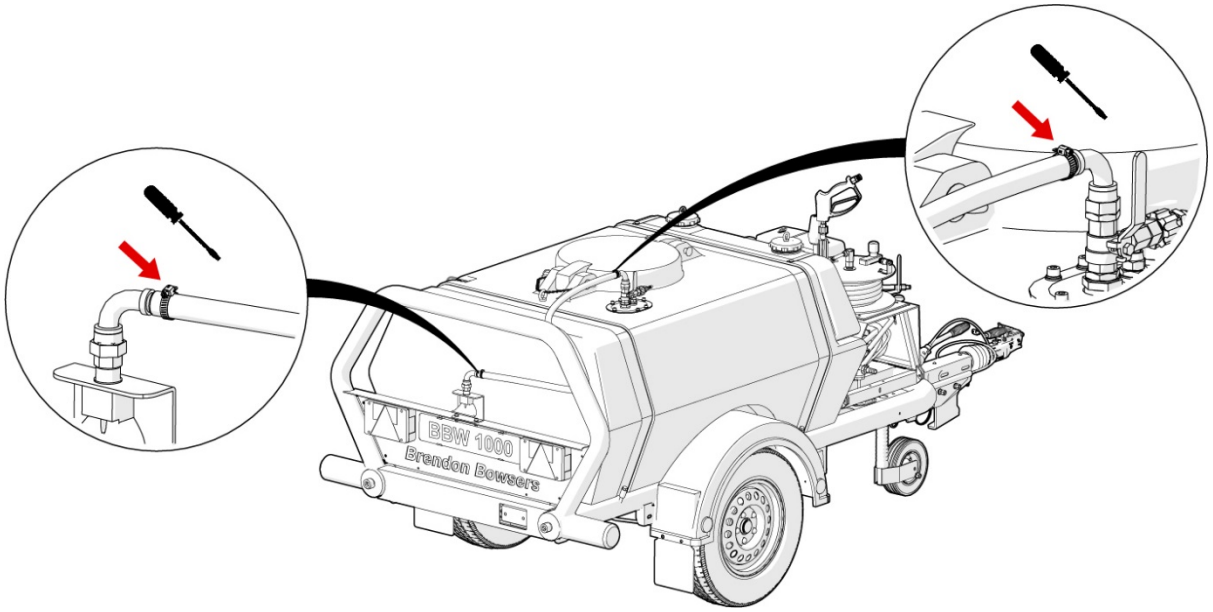
7. Ready 6x M8x25 Cap head bolts, 6x M8 spring washers and 6x M8 washers, place the pump unit with the hoses inside the tank and secure into the M8 tapped holes using a size 6 hex key.

CAUTION: *Do not overtighten the cap head bolts into the tank, as this may damage the thread in the plastic tank.*

TIP: *Use a little silicone compound between the tank and the mounting plate of the pump assembly for a good seal.*

Fit the link hose between the pump and nozzle assembly

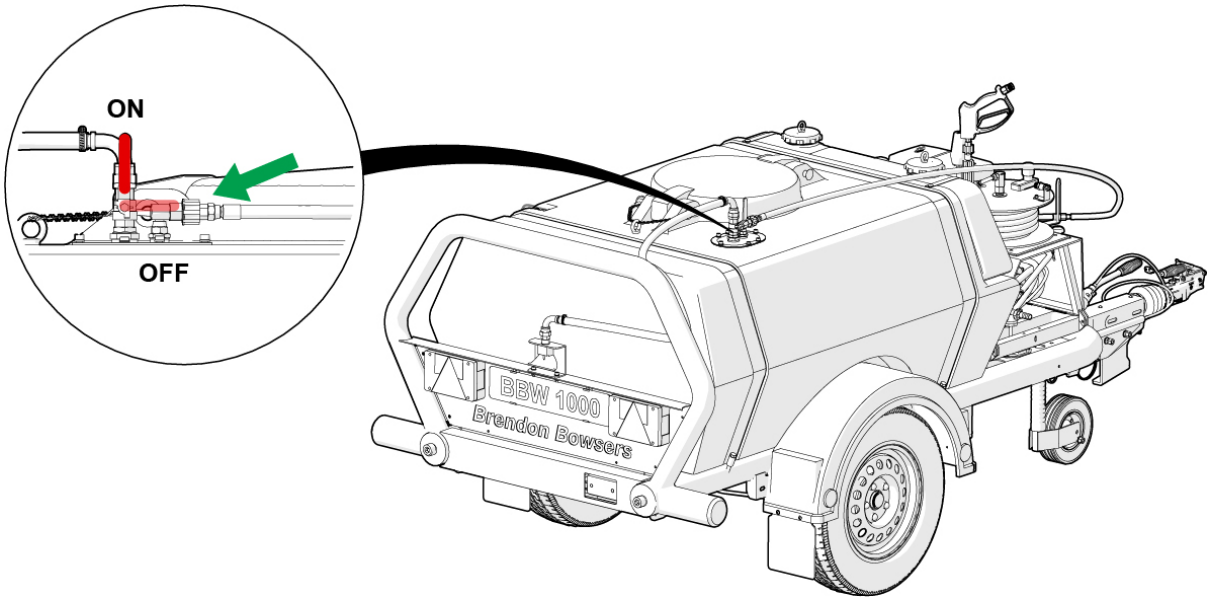
8. Slide the 1600mm link hose (supplied) on to the hose tail of the pump assembly and secure with a hose clip.



9. Feed the hose to the back bar, follow the bend and secure the hose with strong cable ties or clamps. Attach the other end of the hose to the nozzle assembly hose tail and secure with a hose clip.

10. Perform the pre-use checks on the Brendon Powerwasher (refer to manual)

11. Connect the quick release delivery hose to the pump assembly, check the **RED** lever is in the **OFF** position *(3 o'clock)* and start the Brendon Powerwasher *(refer to operation manual).*



12. Turn the lever **ON** *(12 o'clock)*, the water will pump out of the nozzle in a fan shape approximately 1m, tow the bowser at a speed that ensures good coverage.

WARNING: Refer to the Silicone compound specifications for COSHH information.

CAUTION: Ensure the handbrake is secured prior and during the installation process.

CAUTION: Monitor the water level during operation.
CAUTION: Ensure the delivery hose is wound in tight and secured during operation.