

BOBIL VANS DUCATO TANKS INSTALLATION INSTRUCTIONS





Important Safety Instructions! Please save these instructions!

This manual contains important safety, installation, and operating instructions for the Wydale Ducato Underslung Tanks.

The manufacturer accepts no liability for damage by:

- Incorrect assembly.
- Damage resulting from mechanical influences.
- Modification or tampering with the unit without expressed permission from the manufacturer.
- Used for purposes other than described in this manual.

General safety

- Firmly secure all pipes, threaded connections, and hoses.
- In the event of product failure, do not attempt repair. Inadequate repairs may cause serious injury.
- Disconnect the product from any pressurised water source any time before draining, cleaning or maintaining the water tanks.
- These tanks are not designed with withstand below freezing temperatures.
- Do not use the product if physically damaged.

Installation

- Follow the installation advice on installing these tanks precisely.
- If necessary, verify installation with a qualified installer.
- Lay pipework under the van adequately, ensuring there is no interference with moving parts or other components.
- Whilst these tanks are ruggedly designed to fit under vehicles and designed to withstand regular vehicle use on roads, these tanks are NOT designed to be taken off road or in extreme conditions.
- Ensure proper cable pipework is connected for adequate filling and draining purposes.

If you install your system in a way which deviates from these instructions without contacting us beforehand, then we cannot accept fault for any issues that might occur due to incorrect assembly or use, and as such, broken parts would not be covered under warranty.

If you have any questions about your installation, please email us at info@bobilvans.co.uk



Preparing your installation area

The tanks should be installed under the van on a Fiat Ducato/Peugeot Boxer/Citroen Relay LWB/XLWB (L3/L4) van. Please make sure the underneath of your van is clean and free from road salt, excess mud and debris.

Please ensure the vehicle is safe before working underneath it.

This includes, but is not limited to:

- Ensuring the handbrake is fully applied.
- The van is on flat, level and solid ground.
- Securely and safely putting the van on correctly rated axle stands, or up on ramps. Do not work on a van which is supported solely by a jack.

Before you fit the tanks, please watch the following video which talks you through the necessary steps and pointers to make installation easier.

Please install any drain kit or fill kit FIRST and then proceed to following this video tutorial on fitting the tanks under the van.

How to fit the fill/drain kits are in these printed instructions.



Scan the QR code with your phone to be directed to YouTube.

Thank you for buying our products!

Small businesses like ours only exist because of the support of our customers. We appreciate you purchasing from us, and hope that you have a great experience.

If you have any installation questions or queries then just get in touch, we're here to help.
Contact us at info@bobilvans.co.uk or on the phone at +44 1275 261074



What comes in the box?

Please unpack all bags and boxes and ensure you have everything before beginning installation.

Depending on the tank(s) you ordered, and the options you selected, you will receive the following:

Tank Contents

- 92L Fresh Water Underslung Tank
- 62L Grey Water Underslung Tank

Backfill Kit Contents

1. Backfill Point
2. 1 ¼" to ½" reducer
3. ½" to 13mm barbed fittings (x2)
4. Blue filler hose (3m)
5. Floor entry grommets (x2)
6. Jubilee clips 10-16mm (x4)

Gravity Kit Contents

- 1 ¼" tee
- 1 ¼" nipple
- 1 ¼" to 40mm barb
- 1 ¼" to ¾" reducer
- ½" to 13mm barbed fitting
- ¾" drain tap
- Blue filler hose (3m)
- Floor entry grommets (x2)
- Jubilee clips 10-16mm (x4)

Drain Kit Contents

- Drain plate with valve
- Wire clamps for 25mm pipe (x2)
- 1 ¼" to ¾" reducer
- ¾" to 25mm barbed fitting
- ½" bung
- Bracket to hold pipe
- P-clip with M5 nut & bolt
- Roll of PTFE Tape
- Self-tapping screws for drain plate and bracket (x6)
- 25mm convoluted pipe (1m)



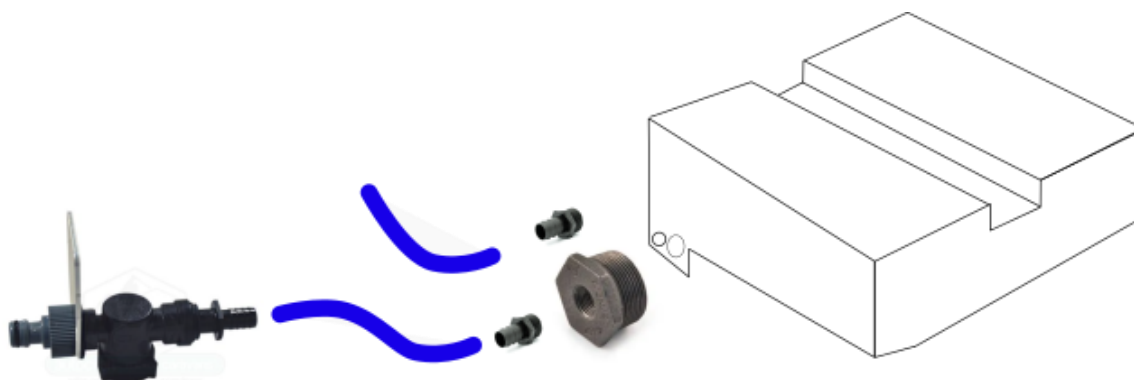
Installation – 92L Fresh Water Tank

Before installation of the tanks, it is a good idea to start with the tank connections, as it is easier to assemble when the tanks are not mounted under the van. Note this is easier when the tanks are on a bench, rather than on the floor! If you did not buy any filling kit, please attach your own plumbing connections to the tank as required. If you decide that the plumbing kits are needed after seeing the tanks, they are available from our online shop as standalone products.

Backfill Kit Installation

The backfill kit allows you to fill the tank from a sill mounted bracket and has a regular hose connector on the end for easy connection.

1. Screw the fittings into the tank as shown using PTFE tape on each fitting. The 1 ¼" to ½" reducer gets threaded into the larger 1 ¼" hole and the ½" to 13mm barb fittings into the smaller hole on the tank, and the 2nd one into the now ½" hole on the reducer.



2. Attach the backfill point to the sill of the van using 2 bolts.
3. Connect the backfill point to the 13mm barb fitting coming out of the reducer using a length of the blue pipe with 2 jubilee clips.
4. Connect the other 13mm barb to your water system inside your van (this pipe provides water to your system). Use the supplied 13mm hose to connect to this 13mm barb.
5. Drill a hole between 21.5 and 25mm and secure the included grommet with screws for a neat entry and exit hole. You can use one underneath the van to protect the hose from the cut metal edge, and one inside to give an aesthetic finish. Pass the blue pipe up and into your van and connect to your main water pump.



Installation – 62L Fresh Water Tank

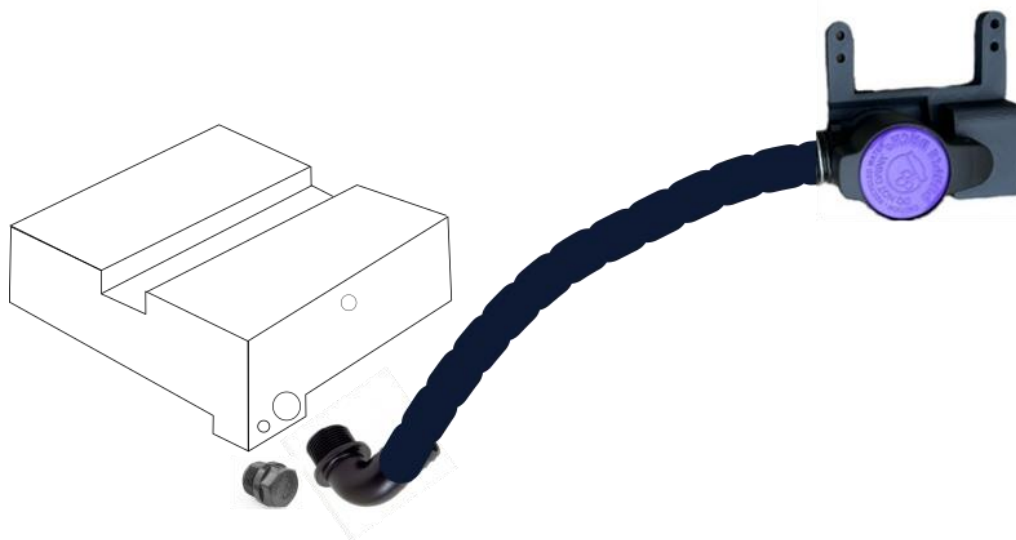
Before installation of the tanks, it is a good idea to start with the tank connections, as it is easier to assemble when the tanks are not mounted under the van. Note this is easier when the tanks are raised on a bench, rather than on the floor! If you did not buy any drain kit, please attach your own plumbing connections to the tank as required.

There are 2x $\frac{3}{4}$ " threads on either side at the top of the tank, these are for connecting your sink and/or shower drain to the grey tank directly. From us, these holes come open. We sell $\frac{3}{4}$ " to 20/25mm barbs on our website, but you may connect whatever is required for your plumbing system. If you plan to only use 1 hole, we recommend using a $\frac{3}{4}$ " bung to block off the other hole- also available from our website.

Drain Kit Installation

1. Use the 4 x self-drilling screws to attach the mounting plate of the drain valve to the bodywork just behind the sill of the van.

A note on the mounting plate: This is a 3D printed part, but it is printed from polycarbonate which is a tough engineering material, using an engineering grade printer. It is not a hobbyist part, it will not go floppy in sunlight, nor will it easily break. We decided to pursue this route as the plate has to hang quite low in order to drain the tank properly, and we thought that an aluminium plate, if knocked, would potentially damage the vehicle as it would rip a hole in the sill whereas this Polycarbonate plate would break and do minimal damage to the vehicle.



2. Attach the 25mm pipe to the bracket using the included P-clip and bolt, then attach this to the chassis of the van using the remaining self-drilling screws. The steel bracket is to hold the middle of the waste tank pipe at the right height, so it does not sag when draining.
3. Place the 1 $\frac{1}{4}$ " to $\frac{3}{4}$ " reducer in the larger tank hole, and then screw in the $\frac{3}{4}$ " to 25mm barbed fitting. Attach this to the 25mm pipe using the included wire clamps.



We would love to know what you think!

Please let us know by leaving a review through the link sent through when you made your purchase, or email us at info@bobilvans.co.uk!

You can also share photos of your installation on the 'Bobil Water Heater Users', Facebook page, we'd love to see them!

www.bobilvans.co.uk

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