

HOT WATER

CONNECTION GUIDE

CAMPERS & PODS



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YOUR CAMPER

GENERAL KNOWLEDGE

INTRODUCTION

To have hot water flowing through the system on your camper or pod, you will be using either the pump built into your camper (or additional external pump supplied with your hot water system) & the hot water system provided.

This hot water system needs to have gas access to function through either a gas bottle directly, or a gas connection bayonet point on the trailer.

The instructions within this guide will primarily explain the connection process utilizing the on board water tanks on your Lumberjack unit.

For guidance on how to use an alternate water source, please refer to the 'Setup with Separate HWU Pump' Section of this guide.

Before setting up the connection, you first need to ensure you have the hot water unit secured to a stand.

Please Note: While the hot water unit is active there are heating elements at work which could be dangerous if the unit is not stable.

CONNECTION POINTS

MODEL VARIANTS

There are multiple connection setup options per model trailer.

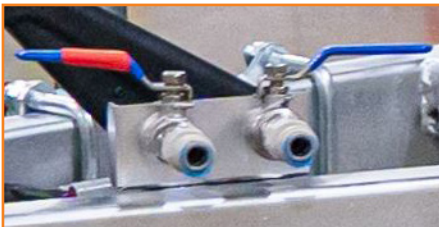
These options can vary depending on the age of your trailer as connection points may have changed & more may have been added as the models have been developed.

Please review all the connection point options for your relevant model to find the best setup to match your camping requirements.

FRONT TAP VARIANCE

The style of the connection points on the front drawbar of all units can vary depending on the manufacture date of the unit.

Please take note whether the tap style on your unit is classified as an older or newer style as setup instructions can vary.



{Older style}



{Newer style}

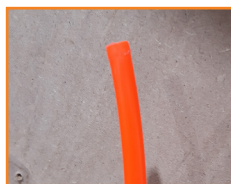
If wanting to connect your hot water unit to the front drawbar taps for your connection setup you may need to change the fittings.

If your unit features the newer style front drawbar taps, these can be removed using the quick connection fitting, to allow you to directly connect your hot water line hoses.

Push back on the securing ring & pull the tap fitting out.



If fitted with the older style front drawbar tap connections, you will need to adjust the quick release fittings attached to the hot water unit connection hose lines. You will have been provided with additional connection fittings in your kitchen. To do this first undo the quick release valve connection from both hoses as below:



Once the quick release valve has been removed, attach the compatible connection fitting to each hose as below.



Now you will be able to connect these modified hose lines to the older style front tap connection points.



REAR CONNECTION POINTS

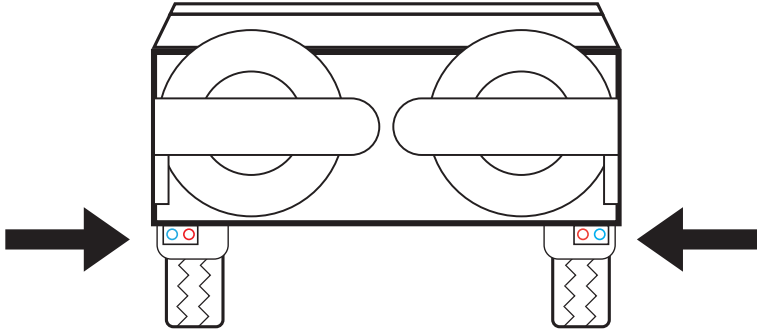
All units have rear connection points, some models will have two; one pair either side of the unit, older models of pod camper may only have one pair.

They are located behind the rear wheels.

These should have orange dust caps on them, once removed you will see one has a red ring & one a blue ring to help identify the points as hot & cold.



Please Note: Whenever not in use, it is highly advised to cover the points up with the orange cover caps to prevent any debris & unnecessary damage to these points.



KITCHEN CONNECTION NOTE

Pod Campers all come with kitchens which are pre-plumbed. Meaning you do not need to connect any lines underneath the sink prior to use.

Camper Trailer models do require connecting hose lines from the sink tap to the unit directly prior to use.

SEVILLE MODEL NOTE

The Seville specifically has additional connection points located in the designated hot water unit storage space.

It is recommended to utilize these points when wanting to utilize a hot water unit through the system.

YOUR HOT WATER UNIT

GENERAL KNOWLEDGE

INTRODUCTION

With Firefly branded hot water units there are two types of unit; ones with an additional external pump & those without.

Most trailer units supplied prior to November 2023 will have hot water units without this additional pump included.

Please Note exact operation instructions & included accessories can vary depending on brands & time of manufacture. The following instructions & information is a generalized guide for use.

Before operating any hot water unit, please ensure to read all safety & operation guides provided from the direct manufacturer.



If your hot water system has been supplied with an additional pump it will allow you to run the hot water unit utilizing an alternative water source other than your on board water tanks e.g. rivers, lakes or even a bucket of water.

If wanting to use the additional pump, please note you will need to connect this to power via the supplied 12v power cable.

If your unit has the pump included you will have these additional components with your kit:

12v Pump, 2 x power cables for the pump unit & an additional blue/ cold water line.



SETUP BASICS

BASIC SETUP SUMMARY

ALL MODEL UNITS

When we connect the hot water unit to the camper we will be drawing water from the on board water tanks.

Once heated it will be passed back into the camper to be distributed to the other hot water points such as the kitchen tap.

Each unit of camper has multiple connection points which can be used to draw the cold water out & pass the hot water back in, there is no real rule of where exactly you must have a have the hot water unit connected.

You can simply have it positioned wherever is most convenient for your camping style.

[SAME SETUP POINTS ALL MODELS]

When you first receive your hot water unit it will not have any water lines connected to it.

You will have been supplied with two separate water lines from Lumberjack, one white & one red/orange; these have a push fitting on one end & a screw fitting on the other with a rubber washer.

Attach the screw end of the lines to the connection points on the bottom of the hot water unit.

Take care to verify which point is the water INLET & which is the OUTLET. Connect the red line to the OUTLET point & the white line to the INLET.

Also connect the bayonet hose to the gas point on the unit & install any batteries provided with the unit which are required for the gas igniter.



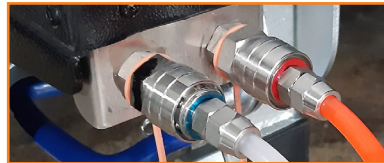
CONNECTION OPTIONS

CAMPER TRAILERS FORENOTE

INITIAL SETUP STEPS

The initial steps for preparing camper trailer models (Johanna, Otway & Glenaire) to connect up the water system are the same as follows;

1. Open up your kitchen slide & drop the legs down to support it.
2. Reach up under the kitchen slide & drop down the two water lines. You should have one with white/clear pipe & one with red/orange.
3. Connect the clear waterline to blue inlet point closest to the kitchen slide unit, to do this push back on the sleeve of the connection, push the hose end in & release the sleeve to lock it in place. This is connecting the cold water directly to the on board water tank of your camper.
4. Connect the red/ orange waterline to the red inlet point. This is where the hot water will run from.

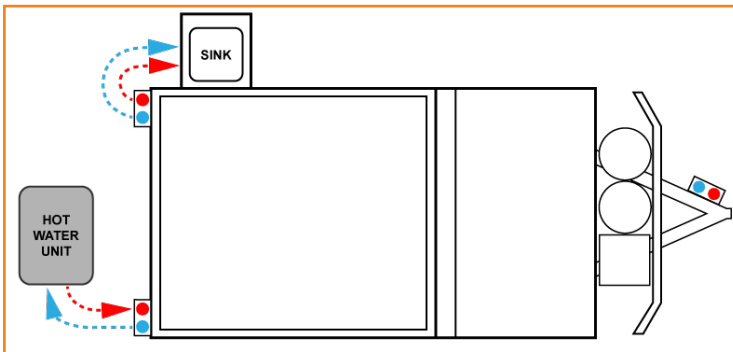


CAMPER CONNECTION - STYLE A

MAIN SETUP STEPS

At the rear drivers side of the camper, have your hot water unit setup on its stand. Connect the hot water unit to the camper body with the push fittings.

With this setup you can also access hot & cold water from the front drawbar taps.



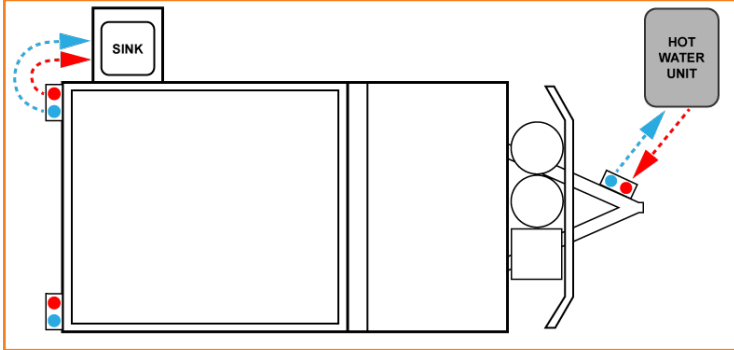
CAMPER CONNECTION - STYLE B

MAIN SETUP STEPS

At the front drawbar of your camper, have your hot water unit setup on its stand. Connect the hot water unit to the drawbar taps.

Please Note: If you have the older style tap fittings, refer back to the 'front tap variance' section of this manual.

With this setup you can also access hot & cold water from the rear drivers side outlet points.

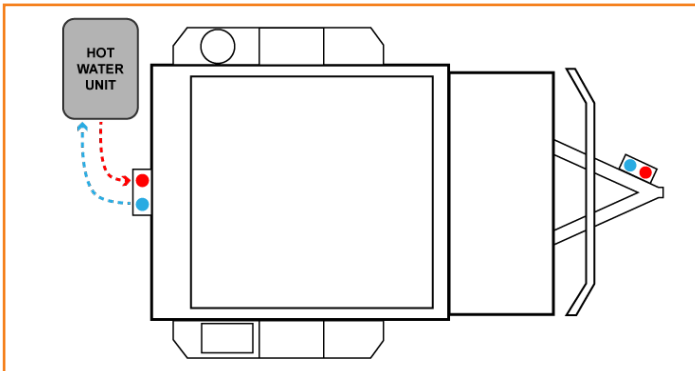


SHEOAK CONNECTION - STYLE A

MAIN SETUP STEPS

At the rear of the Sheoak, have your hot water unit setup on its stand. Connect the hot water unit to the camper body with the push fittings.

With this setup you can also access hot & cold water from the front drawbar taps.



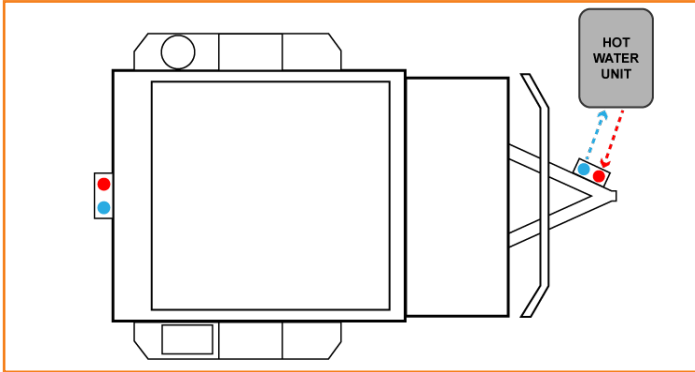
SHEOAK CONNECTION - STYLE B

MAIN SETUP STEPS

At the front drawbar of your Sheoak, have your hot water unit setup on its stand. Connect the hot water unit to the drawbar taps.

Please Note: If you have the older style tap fittings, refer back to the 'front tap variance' section of this manual.

With this setup you can also access hot & cold water from the rear outlet points.

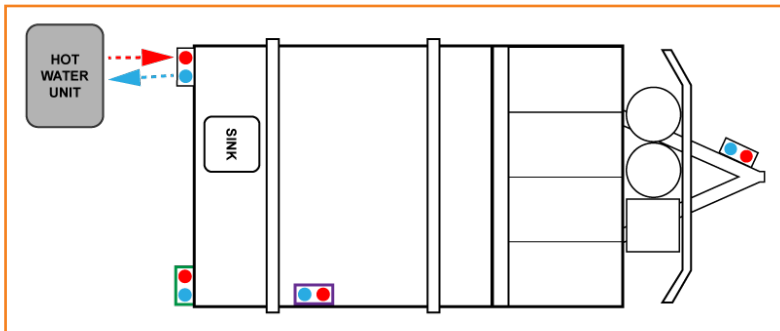


SORR/ SEV CONNECTION - STYLE A

MAIN SETUP STEPS

At the rear drivers side of the unit, have your hot water unit setup on its stand. Connect the hot water unit to the unit body with the push fittings.

With this setup you can also access hot & cold water from the front drawbar taps as well as any other outlet points.



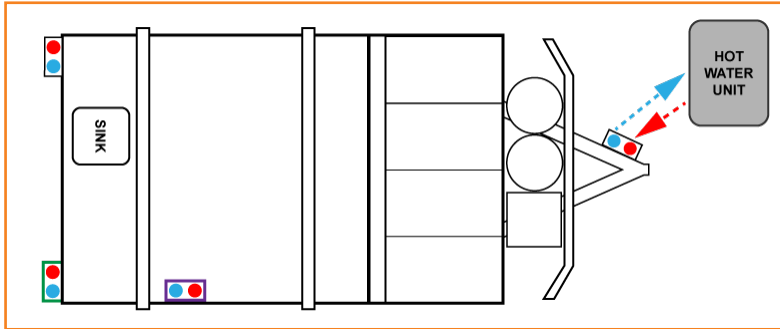
SORR/ SEV CONNECTION - STYLE B

MAIN SETUP STEPS

At the front drawbar of your unit, have your hot water unit setup on its stand. Connect the hot water unit to the drawbar taps.

Please Note: If you have the older style tap fittings, refer back to the 'front tap variance' section of this manual.

With this setup you can also access hot & cold water from the front drawbar taps as well as any other outlet points.



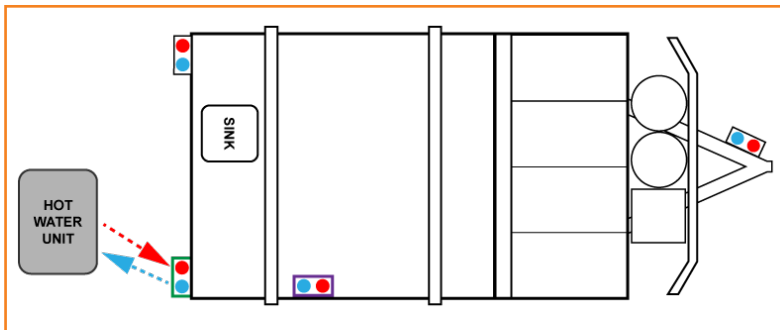
SORR/ SEV CONNECTION - STYLE C

MAIN SETUP STEPS

At the rear drivers side of the unit, have your hot water unit setup on its stand. Connect the hot water unit to the connection points.

Please Note: This connection point [Highlighted Green] may not be present on earlier models of Sorrento or Seville.

With this setup you can also access hot & cold water from the front drawbar taps as well as any other outlet points.



SEVILLE EXCLUSIVE CONNECTION - STYLE D

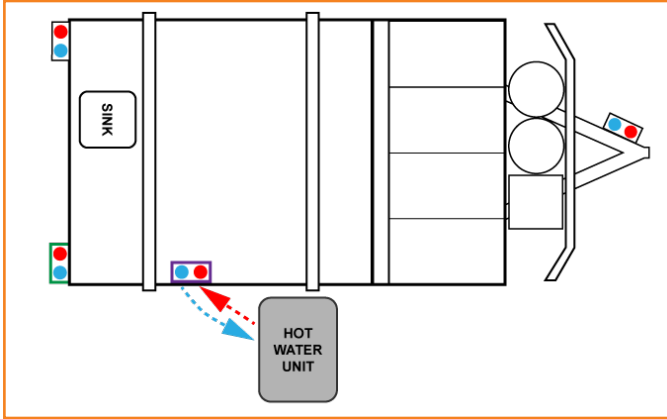
MAIN SETUP STEPS

At the designated hot water storage space for the Seville, have your hot water unit setup on its stand.

Connect the hot water unit to the connection points with the push fittings.

Please Note: This connection point (Highlighted Purple) is only present on Seville pod camper models & is located inside the dedicated hot water system storage space.

With this setup you can also access hot & cold water from the front drawbar taps as well as any other outlet points.



FINISHING STEPS

FINAL CHECKS

Once you have setup your water line connections proceed with the following final setup steps & checks;

1. Connect your hot water system to one of your gas bottles or to a bayonet point on your trailer. Once connected slowly open your gas bottle & test the connection for leaks with a small amount of soapy water.



- If connecting your unit via a bayonet point, check the isolation valve is in the 'open' position. The valve is closed if it is perpendicular to the main gas line.



[Open Position]



[Closed Position]

- Turn on the water pump via the main control panel or the push button at the kitchen area. When active a blue light will show.

Please Note: The isolator switch must be on for the pump to work.



- (If utilizing the front drawbar taps & have the older style connection)
Turn the front drawbar taps to allow the water to flow through the system.

Important Note: Failing to turn on the taps can cause pressure build up in the hot water unit & camper pump leading to damage & possible device failures.

- Turn on the hot water unit & set it to the desired temperature you want the water at. This may take a moment to begin warming up.
Please refer to the separate manufacturers manual you will have received with your hot water unit for specific instructions regarding startup & settings for the unit.
- Let the water flow from the kitchen tap for a minute on both hot & cold for a couple of minutes to help remove any air trapped in the lines prior to use.
During this step the tap may sputter & not provide a steady flow.

SETUP WITH SEPARATE HWU PUMP & WATER SOURCE

FORENOTE

This type of setup is only possible for hot water units which have been supplied with an additional separate pump.

The following setup shows the example of use without connecting the unit to the on board water tanks.

SETUP VARIANCES

There are multiple setup variances for how you can use the hot water unit, whether wanting to feed the hot water back into your camper to use at the kitchen sink or use it directly from the hot water unit for showering purposes.

Take the time to trial a couple of setups to see which one will work best for your individual camping needs.

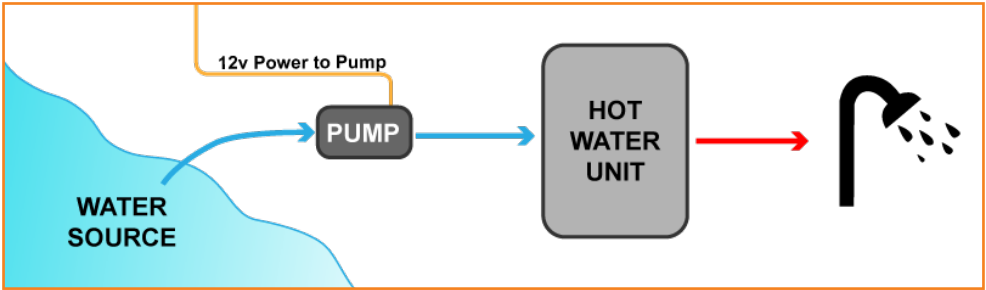
MAIN SETUP STEPS

To setup your hot water unit for an alternative water source we will utilize the water lines provided with the hot water unit, rather than the additional hoses supplied by Lumberjack.

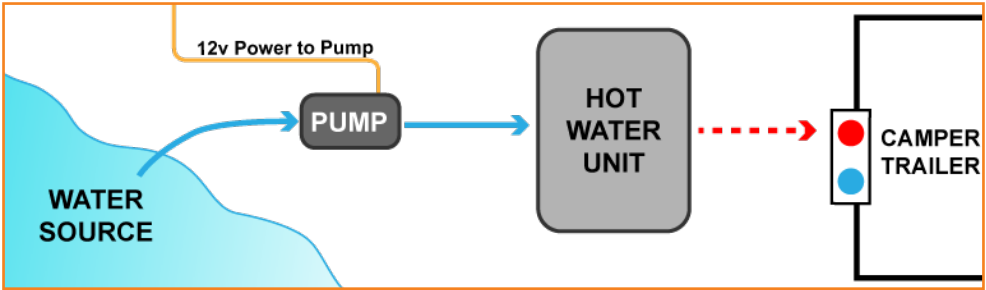
Setup as follows;

1. Attach your hot water unit to its stand & position it near your water source.
2. Connect one of the cold water lines between your hot water unit & the pump, checking you have the hose connected to the OUTLET side of the pump & the INLET side of the hot water unit.
3. Connect your second cold water line to the INLET side of the water pump & have the free end going into your water source.
Important Note: If using lake or river water, we highly recommend use of an additional filter on the end of the water line to prevent blockages in the pump.
4. Connect your red water line to the OUTLET point of the hot water unit. If wanting to use this setup for showering purposes, attach the shower rose fitting.
5. Connect your hot water unit to a gas supply through either a gas bottle directly or through a bayonet point on your camper.
6. Turn the gas supply on & turn the power supply to the pump on.

7. Turn on the hot water unit & set it to the desired temperature you want the water at. This may take a moment to begin warming up. Please refer to the separate manufacturers manual you will have received with your hot water unit for specific instructions regarding startup & settings for the unit.
8. Let the water flow from the kitchen tap for a minute on both hot & cold for a couple of minutes to help remove any air trapped in the lines prior to use. During this step the tap may sputter & not provide a steady flow.



[Example for direct shower use]



[Example for camper connection]

Dashed line representing Lumberjack supplied connection hose

TROUBLESHOOTING

TIPS & POINTERS

CHECK YOUR PUMP IS ON

If you find that you are not getting the hot water flowing the most common issue is the camper pump not being activated.

Firstly your camper must have charge to its batteries. Next, the isolator switch must be set to the 'on' position & the pump must be switched on via the main control panel or button near the kitchen area.

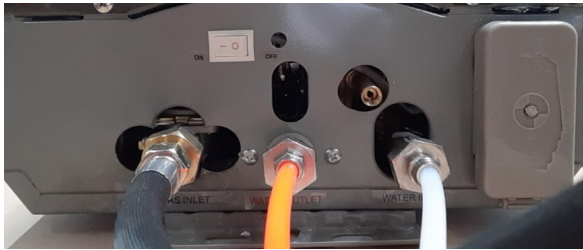
The button will show a blue light when it is active.

HOT WATER UNIT CHECKS

On the under side of your hot water unit you will find the main power switch & the compartment to hold a battery.

Check the switch is set to 'on' when trying to start the unit.

A battery is required for the ignition spark to light the unit, check this is in good condition with no leaks & has not gone flat.



WATER TANK LEVELS

If utilizing water from your on board tanks, ensure you have water in your camper trailer tanks for the pump to push through. You can check the level for these from your main control panel.

Please Note: The water tank level meter on the control panel will only work if the isolator switch is on.

HOSE LINE CONDITIONS

Check your hose lines than none are bent in a way preventing water flow. Also check for any obstructions caught inside the water line.

This is especially applicable if utilizing water from a raw source & not your on board tanks as debris could be pulled into the lines.

GAS BOTTLE

The hot water unit uses gas to fuel the flame which heats the water within the unit. If your gas bottle becomes empty the flame will extinguish or not ignite.

Check your gas bottle has sufficient supply prior to connecting it to the system.

CHECK ALL CONNECTIONS

Review each connection point on the setup, each hose, quick release valve, gas connection & ensure none are loose. Use soapy water to check all gas connection points.

If your unit has the older style front tap fittings, ensure the rubber washer is present on the screw fittings to create a tight seal.

If unsure about a connection, remove it & re-secure the hose again.

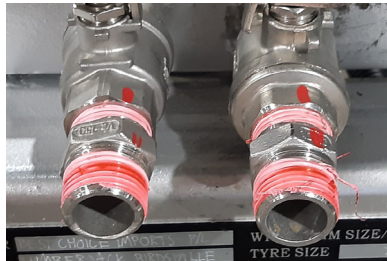
FRONT TAPS ARE ON

Check your front drawbar taps are set to on, this will allow the water to flow through the system as necessary. Forgetting to do this can cause pressure build up in the camper pump or hot water unit & cause damages.

FRONT TAPS LEAKING

If experiencing some leakage from the front drawbar taps, first remove the end hose connection & re-secure, test if the leak persists. In some cases the threads may not be lining up & simply re-securing the connection can amend the leak.

If the leak persists, identify which connection it is originating from & apply some extra teflon tape to the threads to create a tighter sea.



HOT WATER CONNECTION USER GUIDE

WRITTEN AND PREPARED BY

LUMBERJACK CAMPER TRAILERS

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