

Adria Altea 542UK Instructional guide by Perfect Break Caravans

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Setting up to tow

European caravans must not attach to a normal tow ball setup. Although the tow ball itself is the same size as normal it must be coupled with a bracket below it to stop it **undoing**. This must be fitted **before** the caravan is placed on the tow bar.

Below is an example of one type of bracket which shows how the tow ball cannot come undone as it cannot rotate.



Setting up the Toilet- See video on this for extra visual cues. This is on the website:

www.perfectbreakcaravans.com. Link for this is

<https://www.youtube.com/watch?v=L0Su44E9-UQ>

1. Open the side hatch on the driver's side of the caravan towards the front- see Toilet waste cassette hatch below.



- Carefully pull the base locking lever up whilst pulling out the toilet waste cassette.



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- Remove the cap on the pipe like part at the end of the waste tank and then Add about 4cm or 1 inch of water to this cassette.



- Now add 100ml of Green, Blue or pine o clean eucalyptus chemical in the same way. You are now ready to use the toilet waste container.
- Slide it back into the box making sure it slips all the way past the lip the lever sits into at the front of the space. **Ensure that when you open the lever inside that it perfectly lines up with the cassette.**
- Now notice the water fill pipe located **above** this **cassette** at the front of the hatch. Pull this towards you until it is at a right angle to the side of the caravan.

Water fill then add top tank deodorizer which is usually pink in colour.

Once finished make sure this clip is white plastic edge at base of hatch. Close and lock the door.



Water Fill Indicator Add Pink Chemical To this once Level with Filling pipe.

7. Undo the cap on this and fill with fresh water. Notice the Clear water level indicator on the left and below this to see when full.
8. When full just level with the green filling pipe, add 100ml of Pink deodorizing chemical.
- 9.

To use the toilet- open the lever at the top showing a hole down to the waste tank. **Ensure this is perfectly inline so you can only see a neat black rubber seal.** Do what you need to do then **flush** using the Blue button on the top left of the toilet. Once all waste has been removed to the waste tank simply **slide the lever back** to original position so the hole is now closed and close the lid for the next exciting ablution!

Opening lever- Must be opened BEFORE use. Close once used and flushed(rinsed).



Flush Button. Use after use. Wait until waste has vented into waste tank below BEFORE closing.

Water system

This caravan has an Electric hot water system and 12v Water pump with external tank. Before starting the hot water system you **must first fill up the water tank and connect the Truma 12v water pump to the outside of the caravan** located on the drivers side front under the side front window



Hose connection- For onsite connection(caravan park etc) connect hose to tap and then to external tank near front drivers side of the caravan.

Turn on hose and wait until tank is at least half full. This will now fill up and stop once close to full. Tap can be left on gentle setting now until the night before you leave when its best to turn off and use remaining water in the tank. This makes it easier to empty at the end and clean before placing back into the caravan on the anti- slip matting in the Bathroom.



Place the pump end of the Truma 12v connection (round tubular in shape) into the tank and Connect the Truma pistol like connection firmly into the side connection on the caravan at the Water pump connection point.

Once the water has been connected you can turn on the water pump by flicking the switch **up** towards the ceiling which is found inside to the left of the fridge as the pics below display.

(IT IS IMPORTANT TO NOTE THAT IF THE PUMP RUNS CONSTANTLY OR A LOT WHEN TAPS ARE NOT BEING USED PLEASE TURN IT OFF WHEN NOT USING TAPS, AS THERE MAY BE SOMETHING NOT WORKING PROPERLY- This will save the pump from burning out). *If you have a lot of issues this can be adjusted by seeing the appendix #1 at the end of this booklet*

This will then start to fill the hot water system under the bed. This switch can be turned off at night or during the day if it is making a noise. It must not be let run continuously.

If it does this it may be in need of adjustment so should be switched off when not in use.



You can now turn on the Electric Hot water system by turning on the button near the sink. Water will be very hot within about 20- 30 minutes and should give at least a 4 minute shower.



Turning off

The hot water system should be turned off before disconnecting the water.

Electrical system information

This caravan can run on a 12 volt system for power or 15 amp mains power.

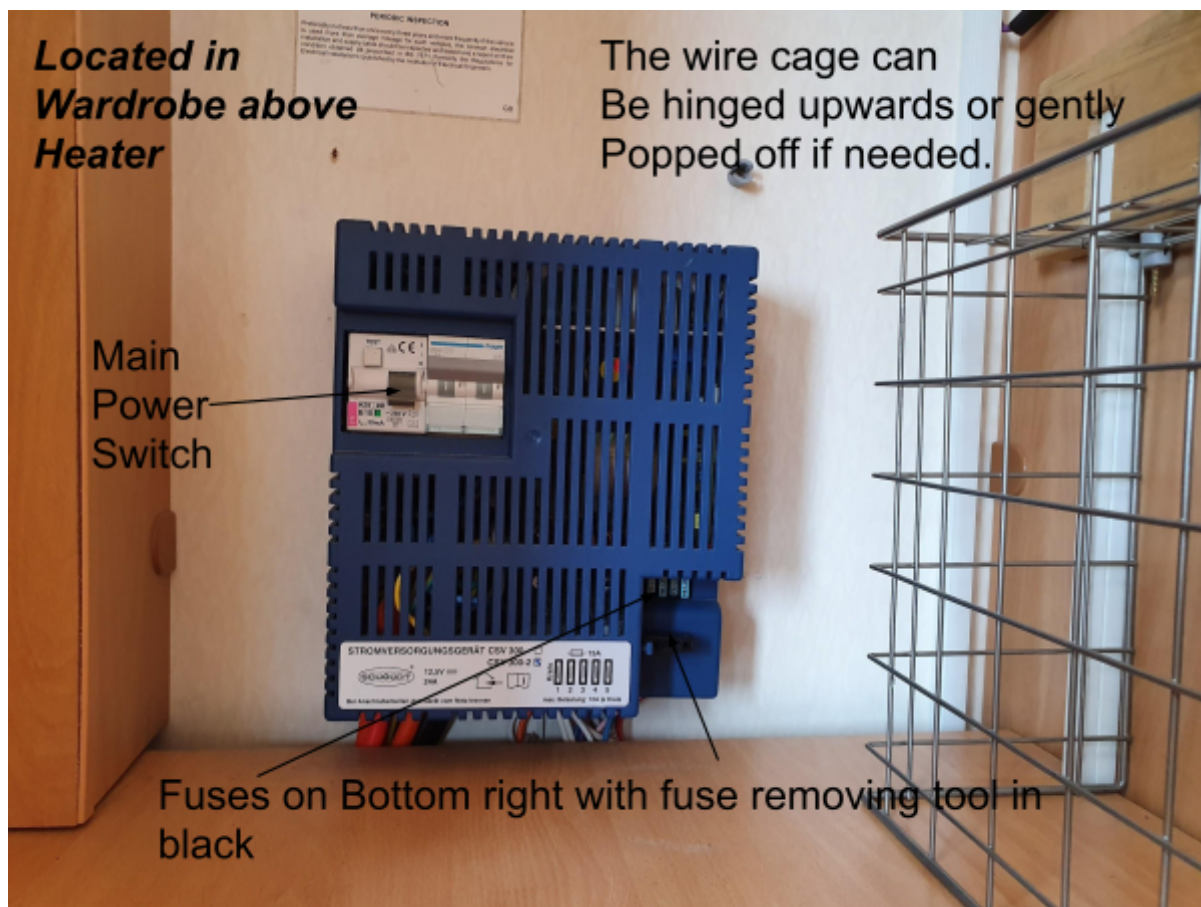
The always connected deep cycle battery can be charged by taking the plug from the charger and plugging it into the powerpoint above the left seat when connected to mains power. This will then automatically recharge the battery again if flat. There are also two trickle charging clamps under this seat you can attach to slowly charge the battery if left on each day if away from a powered site.

Fuses and Mains switch

The main switch for power in the caravan is located in the wardrobe. If you run too many appliances at once you may kick the safety switch in this cupboard eg- Don't run the kettle the same time as the Microwave as they both draw a lot of power.

Use this to switch back on the power should you short this out (switch on the right with the 'test' button on it).

The fuses are located in the same cupboard on the bottom right of the blue box- See picture below.



(Note-- There is an extra hot water system under the bed next to the microwave which is not operational).

Fridge- Please be aware that the fridge **will not work if the caravan is not completely level. It will also take at least 6 hours to get cold** and if the ambient temperature is quite high outside will not work as well as a normal house fridge. The fridge will run on 240v electricity from the power pole on a powered site **OR** from your front gas bottle when on.

Gas operation of the fridge

Thetford fridge - how to turn it on?

Turn gas bottle on.

Turn fridge power type selector to gas.

Turn fridge cold setting to max (5 in this case)

Hold down the gas button which is the thermostat button or round one which presses in.

Press the piezo ignition clicker probably 10 times, sometimes more, until the gauge goes into the green holding it in until the red line moves towards the green.

Microwave- Should only be operated when nothing is on top of it due to vents.

TV and Reception

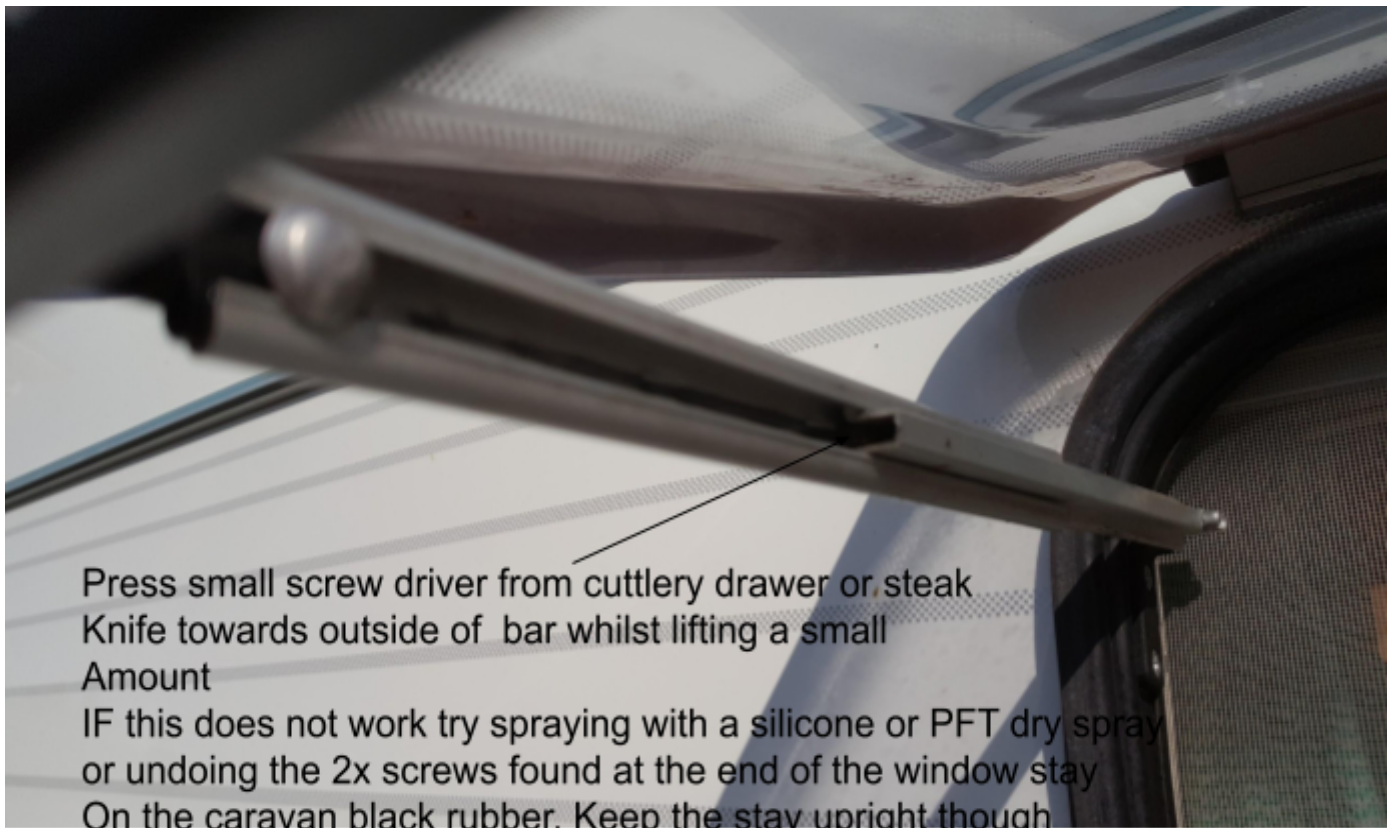
No TV Present in this caravan.

Stabilisers

Once detached from the car and level with the jockey wheel wind these down to stabilise the caravan. Wind down the back ones first or the caravan may tip with people in the back. **DO NOT WIND STABILISER LEGS DOWN OR UP WITH FORCE. FINGER TIGHT ONLY.**

Windows

Please only push out windows to the first click. If you push much beyond this level they can become locked in an opened position. You will then need to gently push the small silver catches inside each window support bar to unlock and release windows. If you can't do this then NRMA.



Press small screw driver from cuttlery drawer or steak
Knife towards outside of bar whilst lifting a small
Amount

IF this does not work try spraying with a silicone or PFT dry spray
or undoing the 2x screws found at the end of the window stay
On the caravan black rubber. Keep the stay upright though
To make sure the small parts inside do not fall out.

Front Queen bed set-up

Lower the table by gently lifting the brown u shaped handle which will then allow the table to descend. This can be found at the top of the table just under the top in the end. Now place non slip matting on top of the table, before placing the seat cushions like this picture. Add Mattress protectors then a queen fitted sheet to help hold it together as a bed



Appendix 1

Water Pressure Switch setting.

This should be already adjusted for normal water inlet use with the 12v System so ONLY adjust if having a whole lot of issues.

Pressure Switch



Perfect Break Caravans

Pressure Switch Setting

Ensure the system, including the heater is full of water and all taps are closed. Refer to your user manual.

Tighten the adjusting screw clockwise until the pump comes on. (For integral socket based pressure switches, first loosen the pressure switch locknut in an anti-clockwise direction.)

Open any tap until you have a smooth flow of water, then close the tap. You should hear the pump running and the pump running light if fitted will be on.

Return to the pressure switch and turn the pressure switch adjustment screw slowly anti-clockwise until the pump has stopped. Turn the screw a further half turn (180 degrees) anti-clockwise.

Check for correct operation by opening and closing all taps individually. The pump should turn on when the cold tap is opened and switch off immediately when the cold tap is closed. NB. There will normally be some pulsations at low flows.

The hot side may take about 10 seconds to react (both on and off) due to cushioning effect in the water heater.

For integral socket based pressure switches, carefully tighten the locknut until it is tight keeping the adjustment screw in position.

THREE GOLDEN RULES:

1. NEVER allow the pump to run dry
2. NEVER allow the pump to run continuously for more than 15 minutes
3. The pump assembly MUST be unplugged BEFORE putting the pump back into the refilled water container.