

Adria Altea 552PK Sport 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. These come with your hire to borrow OR you can buy one from ebay as they are a safer tow ball anyway to use with any Trailor.



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 passenger side of the caravan towards the back. Note the Toilet waste cassette hatch below.



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



- 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 or Blue chemical in the same way. You are now ready to use the toilet waste container. Pino- Clean type disinfectants are also fine

5. 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.
6. 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 above the filling pipe or level add 100ml of Pink deodorizing chemical.

To use the toilet

You must Open the lever at the top showing a hole down to the waste tank.

1. **Exit** your waste into the toilet then **flush** using the Blue button on the top left of the toilet.
2. 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.



Hot water system and connections

This caravan has a Gas hot water system.

Before starting the hot water system you **must first** either **fill up the water tank** located under the caravan on the drivers side **OR attach the hose** to the outside of the caravan. This is located down towards the back of the caravan just past the water tank filling point cap.



Hose connection- Found towards back exterior of the caravans on the drivers side.



Turning on the system with electricity

1. Once the water is connected, turn on each tap slowly to let the air escape and then mains power button near the sink. Do not turn the pump button on unless using the tank water and NOT the hose connection.
2. Next switch the grey button up or down to start the heater which is located to the left of the main table. You will have hot water in around 30 minutes.

Turning on the System with gas only(no mains connection for power- Offgrid use)

1. Make sure the water is in the tank and pump on near the door.
2. Turn on the Gas tank in the front of the caravan.
3. Next switch the grey button up or down to start the heater which is located to the left of the main table. You will have hot water in around 30 minutes.
4. You should hear a small clicking sound under the main bed when this happens which is the heater lighting. It will take some time for the water to heat up. Probably around 30- 60 minutes initially.



Turning off

The heater should be turned off when packing up by switching the grey switch to the middle setting and turning the gas off at the front of the caravan. **NEVER** leave the gas on at the front of the caravan when in transit.

Electrical system information

This caravan can run on a 12 volt system for power or 15 amp mains power. The switches for these are located near the front door above the sink. Turn these off when NOT in use to reduce battery drain.

The always connected deep cycle battery will automatically charge when mains power has been connected through the normal 15 amp cord located next to the batterybox. This mains connection is located on the drivers side of the caravan along with most other connections etc. See picture below.



Fuses and Mains switch

The main safety switch for power in the caravan is located in the long vertical cupboard next to the bunk beds. Use this to switch back on the power should you short this out by running too many appliances at once eg- Microwave and Toaster.

The fuses are located under the Front Queen bed as well as one hidden behind a small panel on the right of the toilet waste cupboard although this is hard to find in the toilet waste tank area.

Fridge- Please be aware that the fridge **will not work if the caravan is not completely level**. It will also take at least 4 hours to get cold and if the ambient temperature is quite high outside will not work as well as a normal house fridge.

TV and Reception

1. Once you have arrived re- tune the TV with the remote(above it) to that area. If reception good don't bother winding the aerial up located above the Bed.
2. To get optimal reception please wind the aerial up located above the Queen bed. **This must be wound back down with the Arrows on it lined up correctly when packing up the caravan.**
3. Make sure the coaxial aerial cable for the TV has not come loose during travel for reception. The TV will run of the battery so external power is not needed although like everything 12v will drain the battery if left on all of the time without mains power connected to the caravan. If power is connected the deep cycle battery will charge automatically.

Water system

Can run from the tank under caravan **OR** from mains pressure with the hose connected to the outside on the drivers side. Please do not turn the exterior garden tap on full, but just a small amount after connection. Also Run the taps all the way back on hot to remove the air from the system on initial setup.

See picture shown previously for location of connections etc.

Note: Any other instructions etc can be found in the manuals found above the TV.

Important note- Do not turn on the pump button unless using the water tank water. This must also be turned OFF along with the mains power switch when packing up.

If there are issues with this then the pressure switch can be adjusted however this is tricky and best left untouched most of the time. See Appendix 1 at the end of this document for more info.

Making up the 5th Bed from the Cafe style seating.

This is easily done IF you are careful initially.

1. Remove the seat and back rests of the dinette and place aside on the Queen bed.
2. Now make sure there is nothing on the table.
3. Lift up the end of the table closest to the kitchen so the leg is off the ground about 30 cm or the length of a ruler(45 degrees)



4. Now Fold the leg in half by **pressing the button in the middle front of it.**
5. Whilst still lifting you should be able to now lift the wall end of the table up and towards you, so it pops off the wall bracket gently. If not then lift slightly higher. It **should come off very easily.**

6. Now place the table down between the cushions on the base joining the two sides seats together as a bed base.
7. Return the four seats and backs for your mattress and add your mattress protector and bedding.
8. Once finished with the caravan reverse the process to again have the Dinette set up.

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.