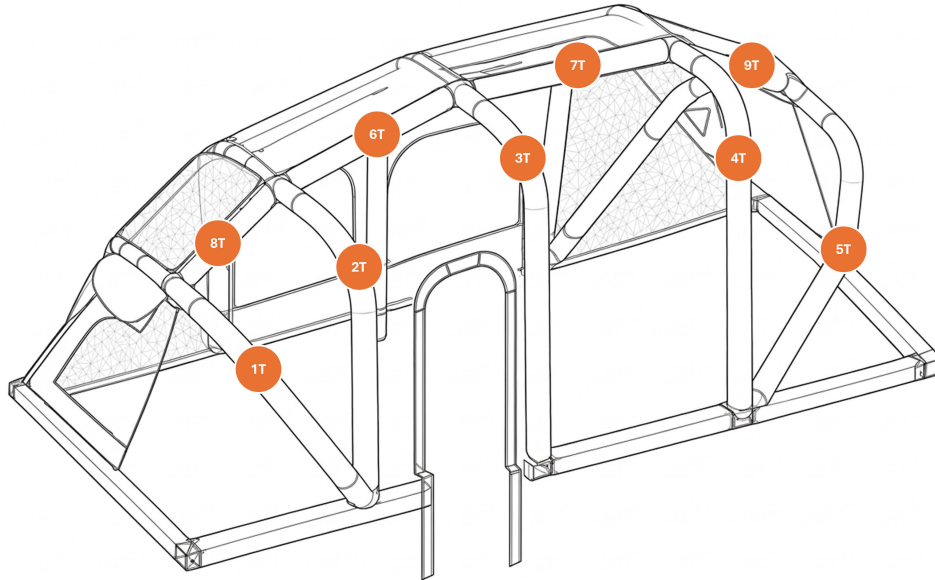


HOW TO REPLACE AN AIR BEAM

IDENTIFY YOUR AIR BEAM

Use the air beam map for your camper model to identify which air beam you need. Air beams are available to order on our website or by completing this form: [Parts Request Form](#)



ACCESSING AND REPLACING AN AIR BEAM

If you suspect your AIR tent has a leak and you have tried 1) removing and capping the main AIR inlet valve and 2) opening and re-closing your AIR quick-release valves, we recommend closing off your isolation valves for each beam. These are located behind the quarter-circle zips in the roof of your air tent. Twist the rear ring towards the “closed” position as indicated on the valve. The Air beam with the leak can be identified by a softening or complete deflation of the beam or a hissing sound of air escaping.

If you are in the field and can locate the source of the leak, you may be able to use the patch kit provided to patch the leak as a short term fix in the same way that you would patch a bicycle tire. When you return home, contact OPUS HQ or your dealership and use the AIR Beam map in this manual to order your replacement AIR beam. All AIR beams and valves are covered under warranty for one year.

In some cases, you may find that simply by closing the isolation valves your tent stops deflating; this is an indication that the issue is in the valve or transfer hose and air is escaping when the valve is open. You can make sure that the gray transfer hose is correctly seated on the valve by unscrewing the front part of the valve that holds the gray hose in place. Push the gray hose back over the valve and screw the front part of the valve back on. If this does not resolve the leak then it is likely that the valve will need replacing. As the isolation valves are integral to the AIR Beam, the whole beam will likely need replacing.

To inspect or replace an AIR Beam, follow the below instructions to disconnect from the main tent. Depending on which beam you are replacing and its location, you may find it easier to keep your isolation valves closed with your AIR tent inflated to replace the beam.

1. Ensure all LED lights are off & unplugged whilst replacing the AIR Beam and that 12v power is turned off and shore power is disconnected. Carefully locate the faulty beam and deflate it enough so that you can manipulate the beam. Depending on the location of the beam, this may cause the tent to collapse partially which can cause a trip hazard if you are working from inside the tent. We recommend having a second person help to hold the tent up and maintain access to the exits.
2. Unzip the beam from the outer layer protective layer and remove velcro straps.

3. Disconnect the faulty beam from the AIR transfer hoses connecting it to the rest of the tent. Make sure the isolation valves are in the closed position on both sides of the AIR transfer hose. Unscrew the front part of the isolation valve until you can slide it along the gray hose. Pull the gray hose off of the valve. It is not screwed or glued in place, just a tight fit. Take care not to damage or stretch the gray hose and do not use tools to pry it off.



4. If the air beam you are replacing is 1T through 5T then you will need to disconnect the exterior quick release valve. unscrew the valve including the larger retaining nut at the back of the valve. This will allow you to push the rubber part of the valve connected to the air beam through the main tent and disconnect it from the inner protective layer.
5. You should now be able to remove the faulty AIR beam inside the inner protective sheath. Please note that it may be held in place by velcro at the ends. You can now unzip this and remove it for inspection and patching or replacing.
6. Next, take your repaired or replacement AIR Beam and insert it back into the inner protective sheath. Take care to avoid damaging the exposed rubber beam and do not catch the beam in the zip. Make sure there are no twists in the air beam and that the valves properly fit through the aperture in the sheath.
7. Re-insert the beam into the main tent. If the beam is 1T through 5T you can start by feeding the quick release valve back through to the exterior of the tent and replace the retaining nut and valve.
8. Re-connect the AIR transfer hose on the main tent to the new beam. Push the gray transfer hose over the isolation valve on the new beam and screw the front part of the valve back in place on the valve. Please note that you may find this part on the isolation valve on your new AIR beam as well - if so, please retain this as a spare.
9. If you are satisfied the replacement AIR beam has been inserted correctly and the tube is fully inserted into the valve, zip the new beam inside the outer protective layers attached to the tent and replace the velcro straps. Position the ends against the velcro on the other beams or the interior furniture as required.
10. Open your isolation valves on the new beam and on the connecting AIR beams. You should hear and see the new beam fill with air quickly. Depending on which beam you are replacing, you may need to open the rest of the isolation valves and press the AIR compressor button to fully inflate the tent.

