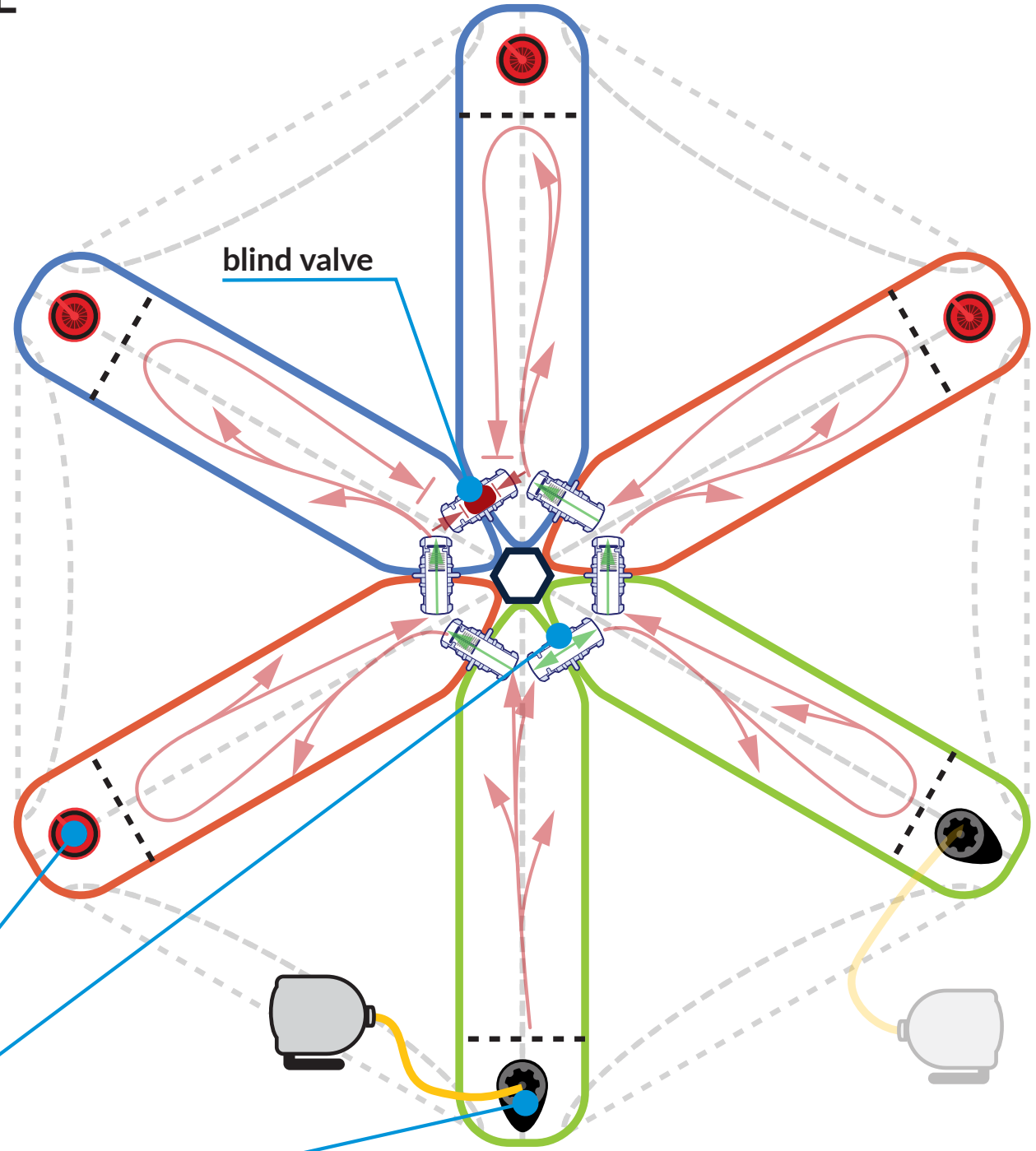


# **SPIDER** SETUP MANUAL

# GENERAL SCHEME

- 1st PHASE
- 2nd PHASE
- 3rd PHASE



overpressure valve

direct valve

inflation valve

# INFLATION

1. Clean an area, where the tent should be placed. Mainly sharp objects and chemicals have to be removed. Use of protection blanket is recommended.

2. Remove tent from the bag, place it to its future position



3. Check position and function of all six valves. Due to an order of one way central inflation system, the black inflation valve must be installed on position signed with black arrow. A base part of black valve must be properly tightened (check a valve seal before use), small black cap must stay open. Red overpressure valves must be installed on other 4 positions, well tightened to prevent air leak. In a case tent was not used for longer time period, it is recommended to check functioning of all overpressure valves by pushing the spring with a finger or blowing through the valve. Paralelly, seats of all valves shall be checked to avoid sand grains or dirt to block closing the valve.



red overpressure valves



black inflatable valves



black arrow position

4. Check correct placement of small roof over the central



5. Connect a hose of pump to one of black valves and start inflation. In a principle two pumps could be used paralelly.

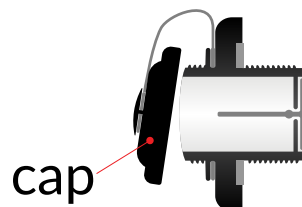


6. By the gradual action of springs in central inflation system, legs of AXION tent are inflated gradually. The first inflated legs are ones with installed black (inflation) valve. In the second phase two legs which follows are inflated. In the third phase last two legs which follows are inflated. In this step it is important to „help“ a legs to erect (see picture) and put it to the future position. For better understanding please check the **general scheme**.

7. Continue an inflation within whole structure gets rigid, ideally till the moment when overpressure valves would open automatically. Overpressure valves are calibrated to the maximum allowable pressure, do not overpressure your tent more as necessary. Do not disable overpressure valves, it may cause a bladder rupture!

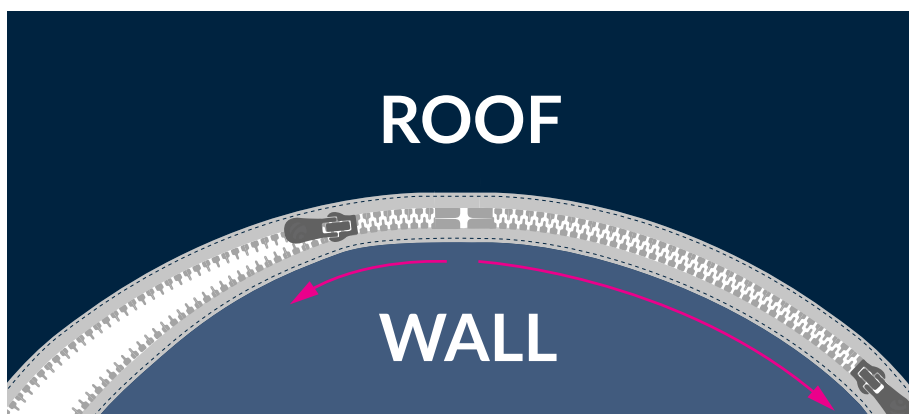


8. After releasing an inflation hose, do not forget to close and tight the small cap of each inflation valve.



9. Side walls and visors can be zipped on the tent all the time, but we rather suggest to install it to already inflated tent. Each wall or visor fits to each side of the tent. An artwork side of the wall may be faced to outside or inside of the tent.

Check span of legs before zipping the wall on the roof. Span of legs bigger as width of side wall can cause damage of zipper during zipping on the wall. Try to minimaze a stress of zipper by fair handling. Secure end of zipper with velcro after zipping on the side wall.



# DEFLATION

1. Zip off all side walls and visors, pack each separately.

2. Open a valve on two legs, ideally on the legs which were last inflated (diagonally to the inflatio legs).  
Once some air is released and internal pressure in the legs decrease, pull the legs to the transverse one. After whole tent will lay down, open rest four valves.



3. Once, most of air is released, put legs to the paralell order.



4. Rolling the tent in a direction from small roof towards to valves. In this way you will release the rest of air out of the structure. Unroll it and roll again to get a compact package, fitting into the trolley bag. A last step before putting the package into the bag is to screw all valves back into their position.

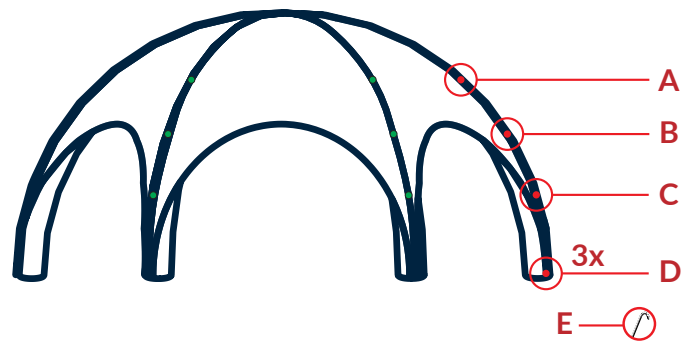


5. Steel spikes must be packed in an extra pouch, which is included in a delivery. Put a pouch into separate pocket in a trolley bag. Put spare parts and a repair kit into another separate pocket in a trolley bag. When all parts including side walls etc are in a trolley bag, zip it on smoothly. If the volume is too big, use support tapes with trident buckles to bing the bag, decrease a volume and help the zipper to prevent its damage.

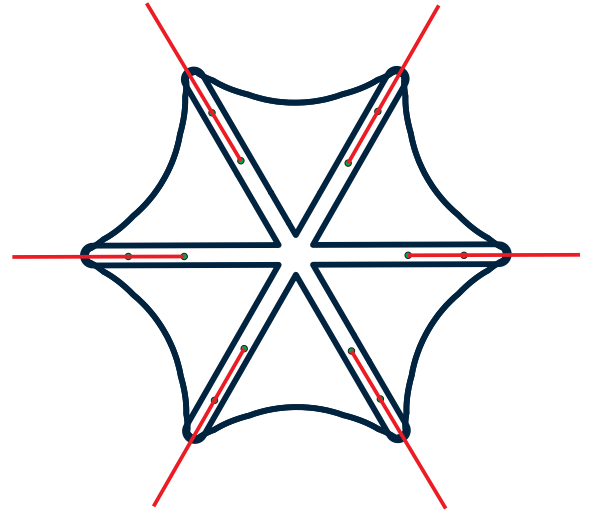
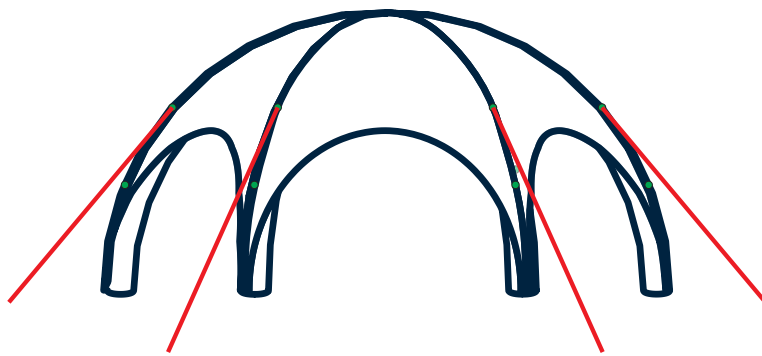
# **ANCHORING**



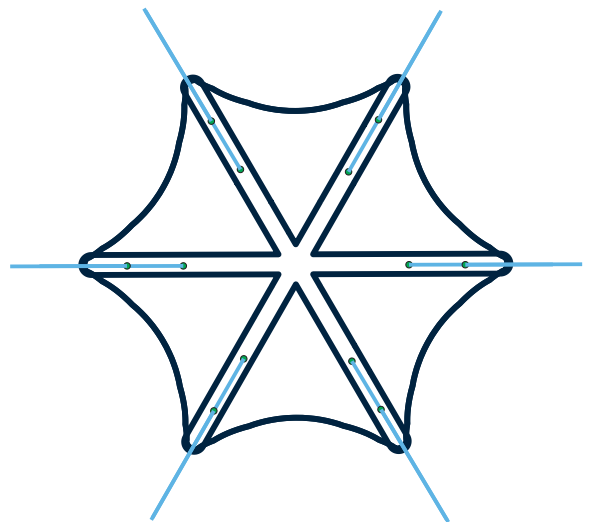
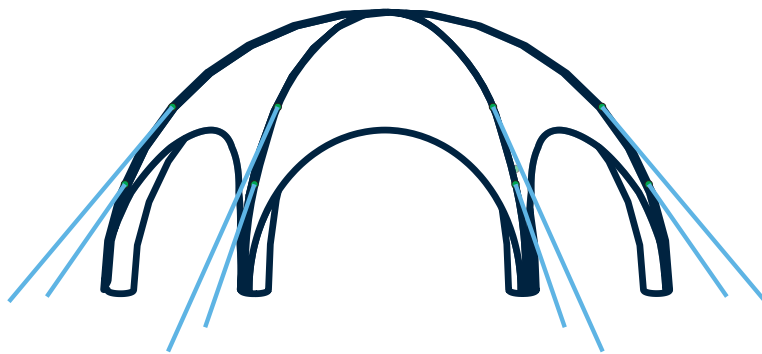
# ANCHORING SCHEME



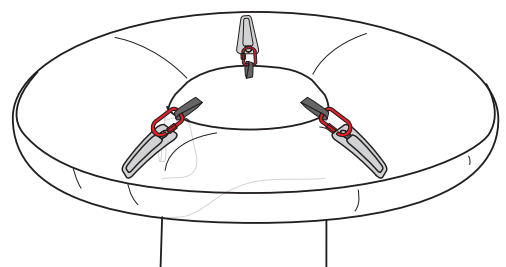
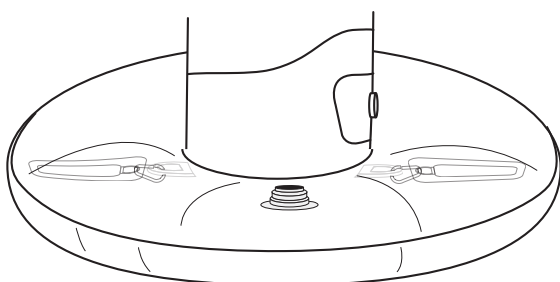
anchoring in a calm wind



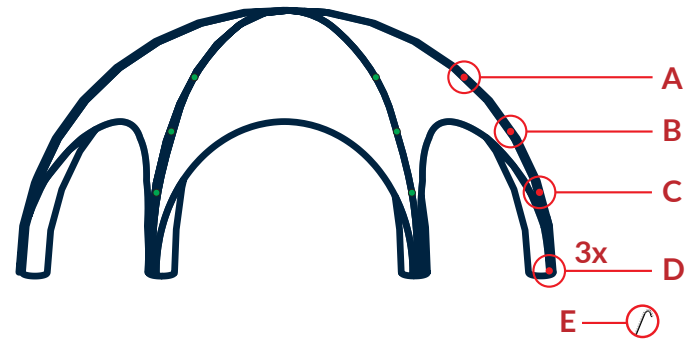
anchoring in a strong wind



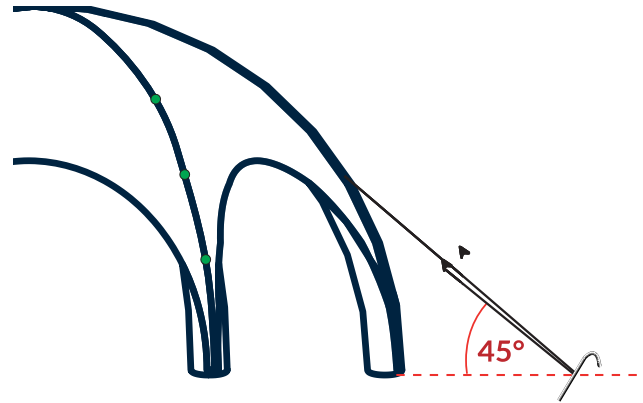
anchoring on hard surface



1. Anchor each leg by using three steel spikes (point D) through aluminium buckles in 45° to the ground. Check right position of legs to avoid stress on zippers or weaved side walls. In a case of strong wind it is recommended to anchor wall base with steel spikes through eyelets too.



2. There are main ropes attached to points A directly from the factory. Those ropes must be anchored with steel spikes. An optimum angle of spikes to the ground is 45°, an optimum angle of ropes to the tent can see in anchoring schema.



3. Push triangular plastic cleats towards to the roof to tighten all ropes.



4. ANCHORING TO THE STRONG WIND : Repeat a procedure of basic anchoring, just add four more ropes to be attached by quick links to points B. Additional ropes are included in a package. Adjust an additional rope length in a way, that it is 5-10cm shorter as a distance between point B and E. Once adjusted, hitch the loop on the spike of point E. As the rope is shorter, it is well tensioned to help a tent to resist a strong wind.

5. ANCHORING ON HARD SURFACE (TO THE LIGHT WIND / by using ballast bags) Fill ballast bags with water through dismounted valve. After water filling screw the valve including top cap to avoid water leak. Warning: Ballast bag is designed for pouring water, not to be pressurized with hose! Do not inflate ballast bags with an air pump! When carrying full bags, never throw it to the surface. By ground impact an internal pressure increase, what can lead to the bag rupture. Lay bags to the ground to ideal positions of legs. Side to lay down is a side with hooks. A valve is place on a top side. Hooks must be directed diagonally to the tent, facing to aluminium buckles of tent.

# NOTE

1. Avoid open flame, sharp objects and chemicals.  
Clean by water, technical alcohol and detergent (no aggressive) only! Do not use aggressive dissolvent!  
Store dry!  
Tent is made from 100% polyester and polyurethane bladder.  
It can be damaged by rough handling!
2. Do not overpressure!  
By exposing to sun, internal pressure is naturally increasing.  
Overpressure is released by RED overpressure valve, there must be placed on right position.  
Once the air comes cooler (mainly in the evening), internal pressure goes down.  
There can be the necessity to refill missing air.
3. Use all walls, visors and tunnels after purchase. Residual chemical substances from sublimation process can continue and cause migration of color. These chemicals have to be separated. Risk of further migration of color has been reduced by using or ventilation of walls visors and tunnels.
4. Always screw all valves back into their position before putting the tent into the bag! Unscrew valves in bag can damage valve bases.