




ABRIS CRYSTAL
INSTALLATION GUIDE

Round-roof double car shelter

20 × 30 ft

11 steps

2+ people

Frame • tarp • doors • anchoring



INTERACTIVE GUIDE

Scan to follow each step on your phone.

Read the whole guide before you start. Keep it for reassembly.

953, rue Michelin, Laval (Québec) H7L 5B6 • 450-914-1444 • abriscrystal.com

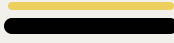
abriscrystal.com/en/guide/double-rond-20x30

Before you start

2+

PEOPLE MINIMUM

You need at least 2 people to lift and position the shelter.



FLAT GROUND

Assemble the shelter on flat, clear ground, close to where it will stand.

11

STEPS

Follow them in order. Each step lists its parts.

TOOLS



Gloves



Safety glasses



Drill-driver



Pliers



Tape measure



Stepladder



Box cutter

HOW TO READ THIS GUIDE

SR ×3 = the part code and the quantity, as in the list on page 3.

 A gold circle shows exactly where to look.

☐ Check off each step when it's done.

The photos show an 18 × 20: same steps.

Golden rule: wing nuts **W1** facing in, tightened with the drill-driver as you go. Check them all in step 9.

IMPORTANT • SAFETY

- This shelter must be securely anchored. It is a temporary structure, not recommended as a permanent structure.
- Guy wires or permanent anchors: **strongly recommended**.
- Read and follow the warnings printed on your tarp.
- Read the whole guide before assembly.

The 11 steps

FRAME

- 01 Prepare the parts
- 02 Assemble the 7 arches
- 03 Assemble the roof (on the ground)
- 04 Legs and diagonal braces — side 1

TARP

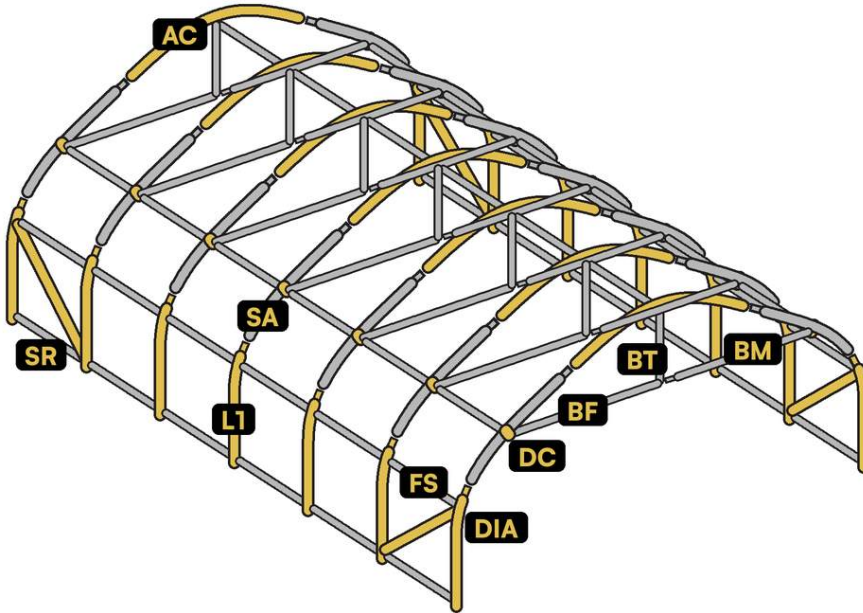
- 05 Put on the tarp
- 06 Tie the front and back
- 07 Legs and diagonal braces — side 2
- 08 Tighten and tie the tarp

FINISHING

- 09 Position, square, check
- 10 Install the doors
- 11 Anchor the shelter

Parts list • 20 × 30 ft

Check off each part before you start. Missing a part? Call us at 450-914-1444.



Hardware: wing nuts, bolts and half-collars **DC**

FRONT bottom right. All arches the same, every 5 ft. 7 lines of spacers. 1 diagonal brace **DIA** at each end, on each side.

ARCHES

☐	AC	Arch centre	7
☐	SA	Arch corner	14
☐	BF	Female door bar	7
☐	BM	Male door bar	7
☐	BT	T-bar	7
☐	DC	Half-collar	14

TARP

☐	T	Tarp	1
☐	CO	Rope	1

LEGS AND SPACERS

☐	L1	Leg	14
☐	DIA	Diagonal brace	4
☐	SR	Male spacer (5 ft)	35
☐	FS	Female spacer (5 ft)	7

DOORS

☐	DH	Door ring	24
☐	S	S-hook	12
☐	AE	Elastic tie	12

HARDWARE

☐	B2	Short bolt	
☐	B3	Medium bolt	
☐	B4	Long bolt 4 in	35
☐	W1	Wing nut ¼ in	74

ANCHORING

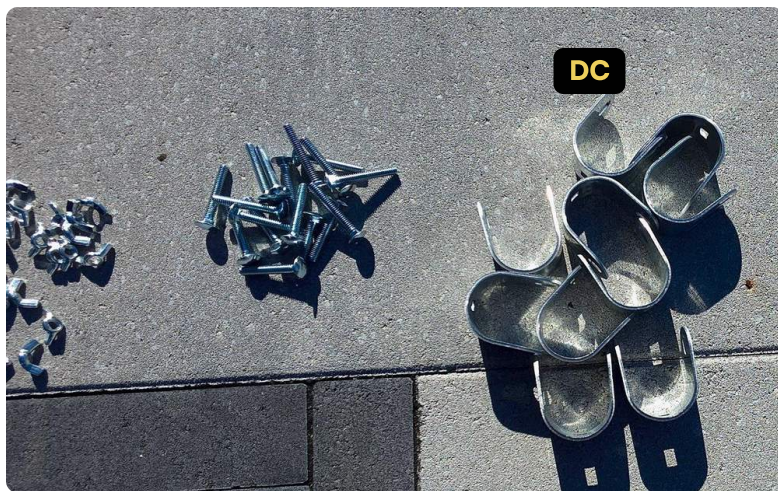
☐	U	Anchor	6
☐	CU	Anchor nail	12

01 Prepare the parts

All the parts on the ground, sorted, ready to assemble.



One arch, without its door bar: 2 corners, centre, T-bar



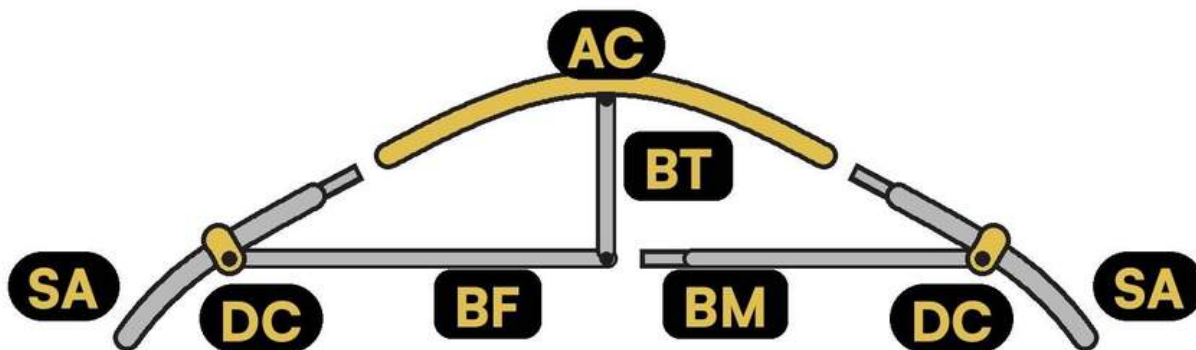
Hardware

- 1 Open the boxes carefully: a knife can pierce the tarp. Leave it folded until step 5.
- 2 Take out the parts and check them off in the list on page 3.
- 3 Lay out the parts of each arch together on the ground: centre **AC**, 2 corners **SA**, door bar **BF** + **BM**, T-bar **BT**.
- 4 Sort the hardware: half-collars **DC**, short **B2**, medium **B3** and long **B4** bolts, wing nuts **W1**.

KEY POINT A narrow end always goes into a wide end.

02 Assemble the 7 arches

7 complete round arches, on the ground. They are all the same.



One arch, parts spread out



PARTS FOR 1 ARCH

AC	Arch centre	x1
SA	Arch corner	x2
BF	Female door bar	x1
BM	Male door bar	x1
BT	T-bar	x1
DC	Half-collar	x2

x7 Repeat for the 7 arches

Corner—centre joint

- 1 Fit the narrow end of each corner **SA** into a wide end of the centre **AC**: that makes the round roof.
- 2 Door bar: the narrow end of **BM** into **BF**. At the joint, bolt the bottom of the T-bar **BT** with a wing nut **W1**.
- 3 Half-collar **DC** around the hole in corner **SA**, from the inside: **B2** in the middle hole, **B4** from the bottom up, door-bar end on it, wing nut **W1**.
- 4 The top of the T-bar goes under the centre **AC**, bolted in step 3. Tighten the wing nuts with the drill-driver. Repeat for the 7 arches.

03

Assemble the roof (on the ground)

The 7 arches standing on the ground, joined by 3 lines of spacers. The legs come in steps 4 and 7.



PARTS FOR THIS STEP

SR	Male spacer (5 ft)	×15
FS	Female spacer (5 ft)	×3

Top of the T-bar, under the centre **AC**

- 1 Start at the back: stand an end arch up on its corners, without the legs. One person holds it. Lift the next arch, 5 ft away.
- 2 Join them with 3 lines of spacers: ridge at the top of the T-bar; each side at the half-collar **DC B4** (take its wing nut off first).
- 3 At the ridge, under the centre **AC**: bolt, T-bar, then spacer, then wing nut **W1**.
- 4 Each line: 5 male spacers **SR**, narrow end toward the last section (the front), then 1 female **FS** there. Wing nuts **W1** facing in, tightened with the drill-driver.

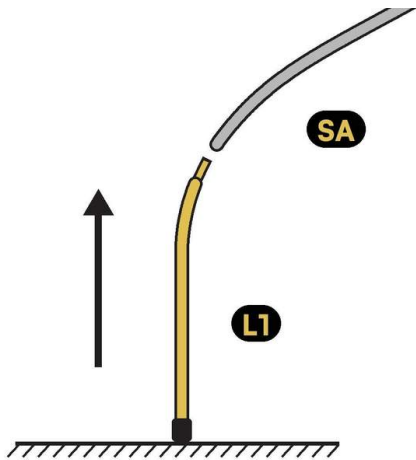


WARNING

Hold the arches until all the spacers are bolted: until then, nothing keeps them standing.

04 Legs and diagonal braces — side 1

One side on its legs, with one diagonal brace at the front and one at the back.



PARTS FOR THIS STEP

L1	Leg	×7
SR	Male spacer (5 ft)	×10
FS	Female spacer (5 ft)	×2
DIA	Diagonal brace	×2

Also: long 4 in bolts **B4** and wing nuts **W1**.

Leg: wide end down, curve facing in

- With 2 or more people, lift one side. Legs **L1** from the outside, narrow end up, curve facing in: the 2 ends, then the middle, then the others.
- Every leg has holes: 2 spacer lines, at the foot and top of the legs (5 **SR** + 1 **FS** each, long bolts **B4**). Install them with the braces:
- Diagonal brace **DIA**, front and back. At the bottom: at the foot of the 2nd leg, slide it onto the bolt **B4** before the wing nut.
- At the top of the end leg: bolt **B4**, spacer, then brace, then wing nut.

GOOD TO KNOW

Paver protectors (if you have them): put one at the bottom of each leg before inserting it. Tap the leg on the ground to push it in.

05

Put on the tarp

The tarp on the frame, well centred.



The 2nd side still on the ground



The logo

PARTS FOR THIS STEP

T Tarp

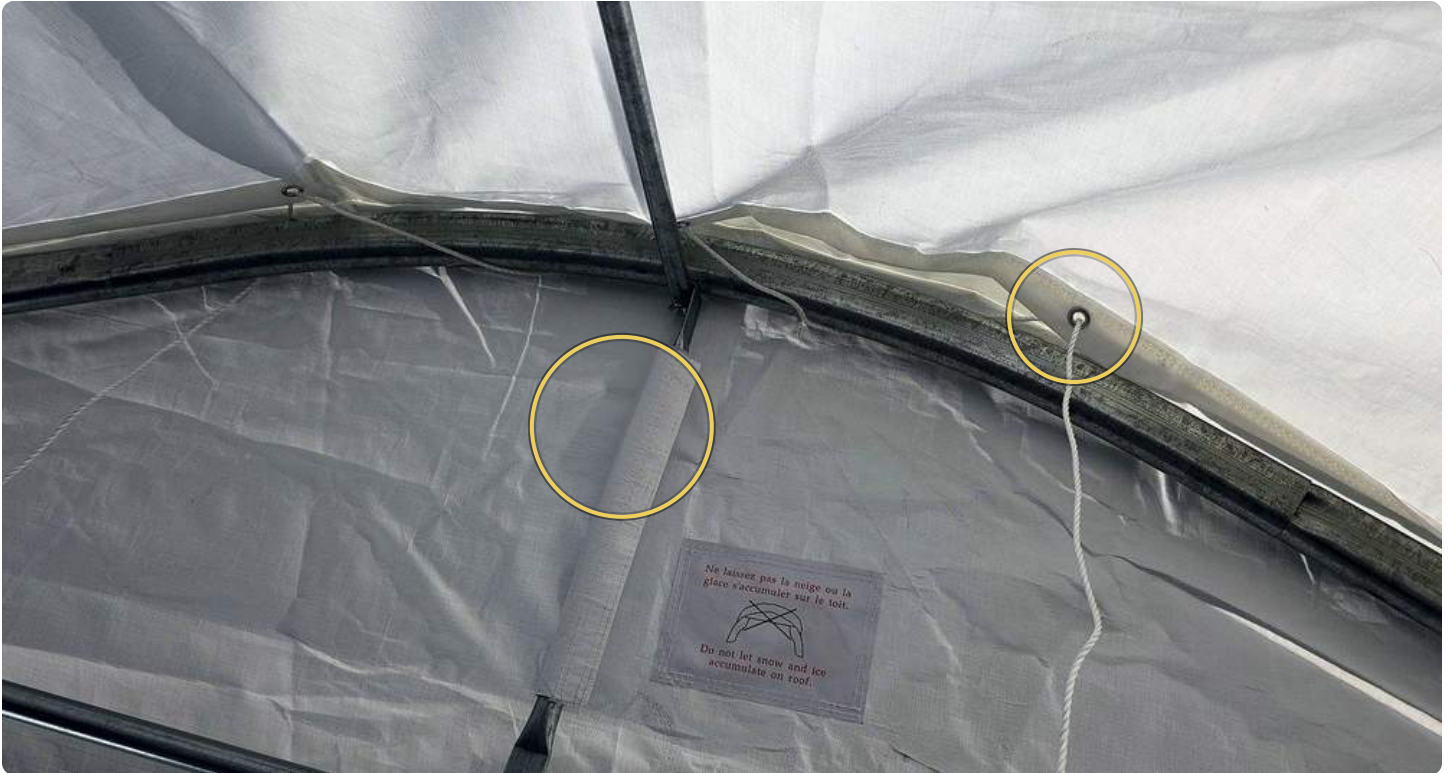
x1

- 1 Unfold the tarp beside the shelter, doors facing out. The logo and the windows go at the front.
- 2 With 2 or more people, pull the tarp over, slowly: pulling hard can tear the corners.
- 3 Centre the tarp on the frame.

06

Tie the front and back

The tarp tied to the front and back arches, from inside.



Seen from inside: the velcro and the rope



PARTS

The rope **CO**.

- 1 From inside, first close the tarp's velcro straps around the T-bars **BT**.
- 2 Open the whole bundle of rope **CO** and cut it in 2: one half for the front, one for the back.
- 3 At the front and back arches: the middle of the rope at the top, then each end goes down one side: around the arch, through the grommet, etc.

KEY POINT No elastics hold the tarp to the arches: the rope does. Pull it tight.

07 Legs and diagonal braces — side 2

The whole frame on its legs. 4 diagonal braces in all.



PARTS FOR THIS STEP

L1	Leg	×7
SR	Male spacer (5 ft)	×10
FS	Female spacer (5 ft)	×2
DIA	Diagonal brace	×2

Also: long 4 in bolts **B4** and wing nuts **W1**.

Diagonal brace **DIA**: from the top of the leg to the foot of the next leg

- 1 From inside, lift the other side: the tarp follows. Here the legs **L1** go in from the inside, because of the tarp. Narrow end up, curve facing in.
- 2 Same order: the 2 ends, the middle, then the others.
- 3 As in step 4, install the foot and leg-top lines (5 **SR** + 1 **FS** each, long bolts **B4**) with the 2 braces **DIA** before the wing nuts.

08

Tighten and tie the tarp

A tight tarp that doesn't move.



PARTS

The rope .



The knot

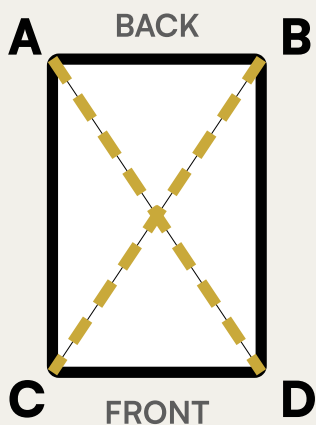
- 1 At the bottom, on both sides: run the rope through a grommet, around the foot spacer, through the next grommet, and so on.
- 2 Pull to tighten the tarp, then tie a knot at the foot spacer, at the bottom of a leg.

09 Position, square, check

The shelter in place, square, all wing nuts tight.



One side from inside: legs in line, a diagonal brace at each end



PARTS

No new parts. Tools: tape measure, drill-driver.

Seen from above

- 1 To move the shelter, with 2 or more people: hold it by a leg and by a spacer line, to carry the weight.
- 2 Measure the 2 diagonals in an X (A to D, then B to C). Equal: the shelter is square. If not, gently push one corner and measure again.
- 3 Check that all the wing nuts **W1** are tight, always facing in: they must not touch the tarp.

10

Install the doors

The front and back doors hung and closed.



PARTS

Rings **DH**, S-hooks **S** and elastic ties **AE**.

Elastic tie **AE**

- 1 Using the stepladder, hang the top of each door on the door bar: one ring **DH** in each grommet.
- 2 On the sides: an elastic tie **AE** through the grommet, an S-hook **S** on the loop, closed with pliers.
- 3 Hook the S-hook **S** onto the grommet strip of the shelter.

GOOD TO KNOW

To keep a door open: roll it up and tie it with its ties.

11

Anchor the shelter

A securely anchored shelter, ready for winter.



On pavers (photo: Simple model)

PARTS

Anchors **U** and anchor nails **CU**.



Anchor **U** and nail **CU** (photo: Simple model)

- 1 Place the anchors **U** over the foot spacer, on both sides. Fasten them depending on your ground:
- 2 Soil or grass: fasten each anchor with 2 nails **CU**.
- 3 Pavers or concrete: nails won't hold. Permanent anchor (sold separately), as in the photo.



WARNING

An unanchored shelter can blow away or collapse. Anchor it before you use it.

ALL DONE

Your shelter is ready.

A few simple habits to make it last.



Interactive guide



Every step of this guide,
on your phone.

[abriscrystal.com/en/guide/
double-rond-20x30](https://abriscrystal.com/en/guide/double-rond-20x30)

Tips to make your shelter last

- 1 **Clear the snow often.** Don't let snow or ice build up on the roof or the sides.
- 2 **From the outside, gently.** Push the snow off with a broom or a snow pusher. Never use a pointed or sharp tool on the tarp.
- 3 **The round roof helps the snow slide off.** Still keep the bottom of the sides clear: that's where the snow piles up.
- 4 **A tight tarp lasts longer.** Re-tighten the rope and the wing nuts **W1** after a few days, then after every big windstorm.
- 5 **Nothing rubs on the tarp.** Keep the wing nuts facing the inside of the shelter: rubbing wears out the tarp.
- 6 **In the spring.** Take it down in this order: anchors, rope, doors, tarp, then frame. Store the tarp clean and fully dry. Don't leave it up in summer: the sun wears it out.

Is your shelter up?



Leave us a Google review.
It takes a minute and it
helps us a lot.