




ABRIS CRYSTAL
INSTALLATION GUIDE

Hulk car shelter

14 × 32 ft

10 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.

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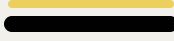
abriscrystal.com/en/guide/hulk-14x32

Before you start

2+

PEOPLE MINIMUM

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



FLAT GROUND

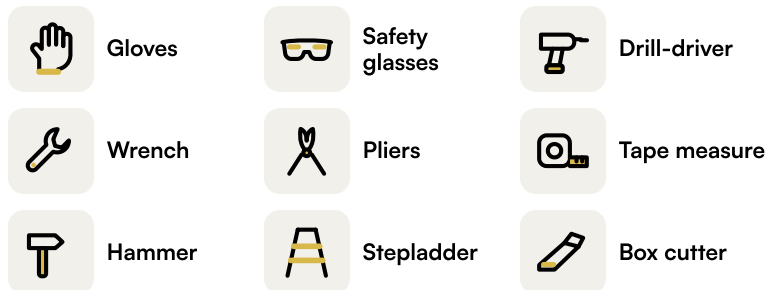
Assemble the shelter on flat, clear ground, close to where it will stand.

10

STEPS

Follow them in order. Each step lists its parts.

TOOLS



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.

Golden rule: wing nuts facing the inside of the shelter, tightened with the drill-driver as you go. In step 8, check them all.

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 10 steps

FRAME

- 01 Prepare the parts
- 02 Assemble the 9 arches
- 03 Assemble the roof (on the ground)
- 04 Legs and diagonal braces — side 1

TARP

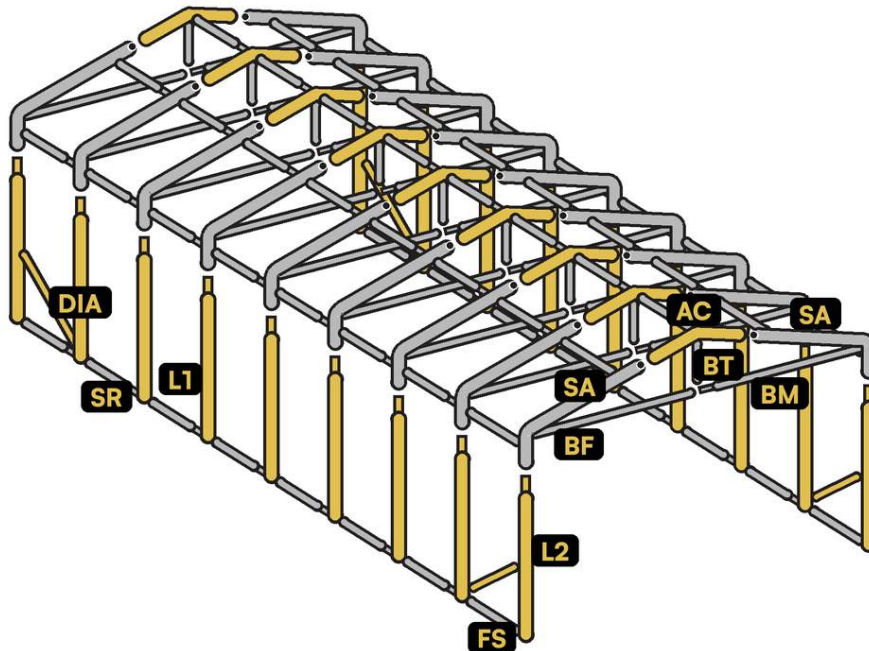
- 05 Put on the tarp
- 06 Legs and diagonal braces — side 2
- 07 Tighten and tie the tarp

FINISHING

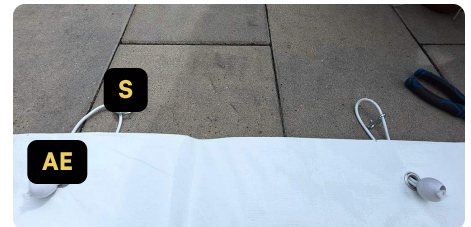
- 08 Square up, check the wing nuts
- 09 Install the doors
- 10 Anchor the shelter

Parts list • 14 × 32 ft

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



Hardware: bolts and wing nuts **W1**



Doors: elastic tie **AE** and S-hook **S**

FRONT bottom right. All arches the same: 2 corners **SA**, 1 centre **AC**, door bar **BF** + **BM**, T-bar **BT**, 7 lines of spacers. At the 4 corners: **L2** + **DIA**. Legs: narrow end up. Photos: a 14 × 20.

ARCHES

☐	AC	Arch centre	9
☐	SA	Arch corner	18
☐	JT	Arch joint	18
☐	BF	Female door bar	9
☐	BM	Male door bar	9
☐	BT	T-bar	9

HARDWARE

☐	B1	Large bolt ¾ in	
☐	N1	Large wing nut	
☐	B2	Long bolt	
☐	B3	Diagonal bolt 3 in	4
☐	W1	Wing nut ¼ in	

LEGS AND SPACERS

☐	L2	2-hole leg	4
☐	L1	Leg	14
☐	DIA	Diagonal brace	4
☐	SR	Male spacer	49
☐	FS	Female spacer	7

ANCHORING

☐	U	Anchor	
☐	CU	Anchor nail	

TARP AND DOORS

☐	T	Tarp	1
☐	R	Rope	1
☐	PO	Door panel	4
☐	S	S-hook	
☐	AE	Elastic tie	

01

Prepare the parts

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



One row per type: centres, corners, bars, legs, diagonal braces, spacers



The 2 ends of a leg: narrow end on the left, wide end with the hole on the right

- 1 Open the box carefully: don't cut the tarp. Leave it folded until step 5.
- 2 Take out the parts, check them off in the list on page 3 and lay matching parts out in rows.
- 3 Set aside the four 2-hole legs **L2**: they go at the 4 corners and hold the diagonal braces **DIA**.
- 4 Sort the arch joints **JT** and the hardware: large bolts **B1** and large wing nuts **N1**, long bolts **B2**, diagonal bolts **B3**, wing nuts **W1**.

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

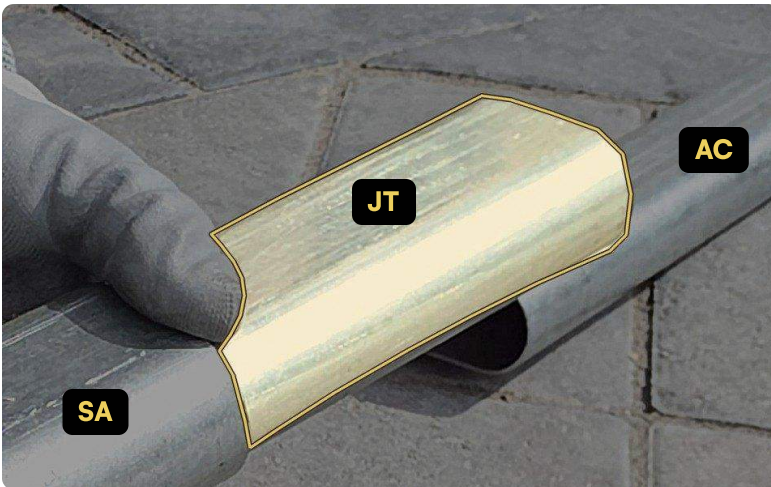
02

Assemble the 9 arches

9 complete arches, on the ground. They are all the same.



A complete arch



Joint **JT** (in gold): bolted in the corner **SA**, then the centre **AC** slides over it

PARTS FOR 1 ARCH

AC	Arch centre	×1
SA	Arch corner	×2
JT	Arch joint	×2
BF	Female door bar	×1
BM	Male door bar	×1
BT	T-bar	×1
B1	Large bolt ⅜ in	×5
N1	Large wing nut	×5

×9 Repeat for the 9 arches

- Slide a joint **JT** into each corner **SA**, centre side, and bolt it: **B1** + **N1**, facing inward. Then fit the centre **AC** over both joints.
- Door bar: fit the narrow end of the male bar **BM** into the female bar **BF**.
- Where the 2 door bars meet, bolt the bottom of the T-bar **BT**: **B1** + **N1**. The top stays loose until step 3.
- Lay the door bar across: each flat end bolts to a corner **SA** (**B1** + **N1**). Then tighten all the wing nuts on the arch with the drill-driver.

03

Assemble the roof (on the ground)

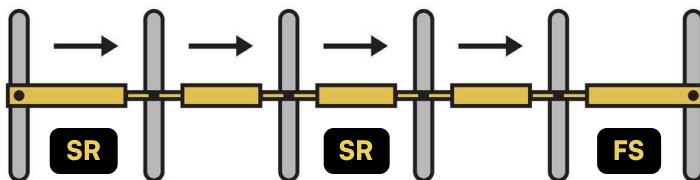
The 9 arches standing on the ground, joined by 5 lines of spacers. The legs come in steps 4 and 6.



The roof on the ground, before the legs

PARTS FOR THIS STEP

SR	Male spacer	x35
FS	Female spacer	x5
B2	Long bolt	x45
W1	Wing nut ¼ in	x45



One line seen from above, front on the right (example: 6 arches)

- 1 Choose the front: the side where the car drives in. Stand the arches up one by one, from back to front, joining each to the one before.
- 2 5 spacer lines: the ridge, then on each side 1 line near the **SA** — **AC** junction and 1 just below the corner bend.
- 3 Each line: 7 male spacers **SR** + 1 female **FS**. At the ridge, the top of the T-bar **BT** goes on the same bolt as the spacer.
- 4 Each junction: long bolt **B2** + wing nut **W1** facing inward, tightened with the drill-driver as you go.

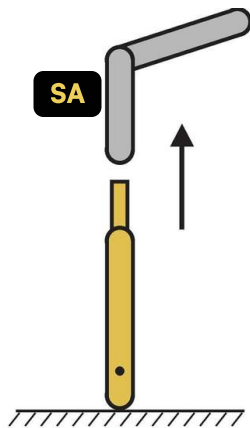
KEY POINT The female spacers **FS** (2 wide ends) all go at the front, in the first section. The narrow end of the male spacers **SR** points to the front.

04 Legs and diagonal braces — side 1

One side of the shelter on its legs, with its 2 diagonal braces: one at the front, one at the back.



Side 1 on its legs, the other still on the ground



The wide end, with the hole, goes on the ground

PARTS FOR THIS STEP

- L2** x2 2-hole leg
- L1** x7 Leg
- DIA** x2 Diagonal brace
- SR** x7 Male spacer
- FS** x1 Female spacer
- B2** x9 Long bolt
- B3** x2 Diagonal bolt 3 in
- W1** x11 Wing nut ¼ in

- 1 With 2 people, lift one side of the roof. The other stays down.
- 2 First insert the 2 **L2**, front and back at the same time, narrow end up into the corner **SA**. Then the **L1**, from the ends toward the middle.
- 3 Join the leg feet: 7 **SR** + 1 **FS**, at the front as on the roof. **B2** + **W1** at each leg, except the 2 legs next to the **L2**.
- 4 Diagonal braces **DIA**, front and back: top in the top hole of **L2** (**B3** + **W1**). Bottom on the next foot's **B2**, then its wing nut **W1**.

GOOD TO KNOW

Black paver protectors (sold separately): before setting the legs, push one onto the wide end of each leg, tapping it in with your hand.

05

Put on the tarp

The tarp on the frame, well centred.



The tarp over the frame, the other side still on the ground



Seen from the inside

PARTS FOR THIS STEP

T Tarp

×1

Also: the rope.

- 1 Unfold the tarp completely: it is folded across its width. The windows go at the front, on both sides.
- 2 With 2 people, pull the tarp over the frame, starting from the side still on the ground. Don't let it catch on the frame.
- 3 Inside, at each arch: tie the tarp's strap around the T-bar **BT** and its cords around the arch.
- 4 Cut the rope in 2: one per end arch. Lace it from the top middle. On each side it goes down: around the arch, through each grommet.

KEY POINT Centre the tarp (its corners on the corners of the roof) before you tie it: off-centre, it won't tighten properly and wears out faster.

06

Legs and diagonal braces — side 2

The whole frame on its legs. 4 diagonal braces in all: 2 at the front, 2 at the back.



One lifts the side, the other inserts the leg



Bottom of the diagonal brace: same **B2** bolt as the spacer

PARTS FOR THIS STEP

- L2** x2 2-hole leg
- L1** x7 Leg
- DIA** x2 Diagonal brace
- SR** x7 Male spacer
- FS** x1 Female spacer
- B2** x9 Long bolt
- B3** x2 Diagonal bolt 3 in
- W1** x11 Wing nut ¼ in

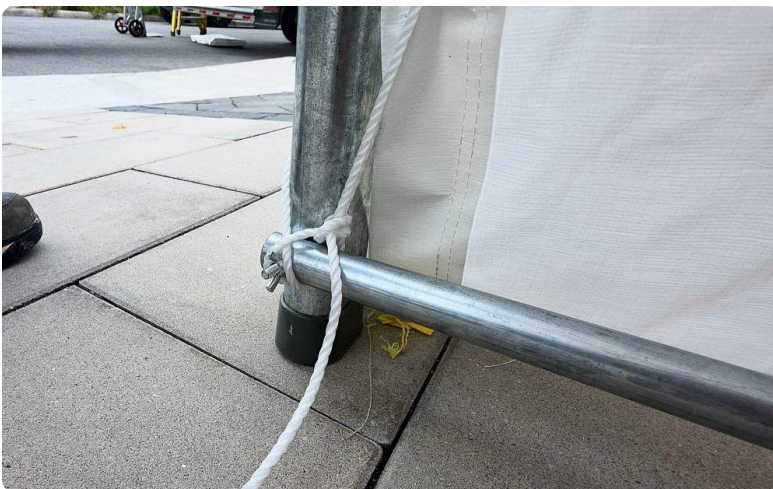
- 1 With 2 people, from the inside, lift the other side: the tarp comes with it.
- 2 As in step 4: the 2 **L2** first, then the **L1** from the ends toward the middle. Someone holds up the middle of the roof.
- 3 As in step 4: foot spacers (7 **SR** + 1 **FS**), then the 2 diagonal braces **DIA**; their bottom goes on the **B2** before the wing nut.

07 Tighten and tie the tarp

A tight tarp that doesn't move.



Rope, grommet and foot spacer



The end of the rope

PARTS

The rope.

- 1 End arches, at the corner: loosen the wing nut, rope behind the spacer, re-tighten to lock it. Go down around the leg, through the grommet, to the bottom.
- 2 At the front and back, tie the tarp's ties around the corner legs.
- 3 With 2 or more people, lift the shelter and set it in place, for example in front of the garage door.
- 4 At the bottom, both sides: rope through each grommet and around the foot spacer to the middle. Pull to tension, tie off at the foot of a leg.

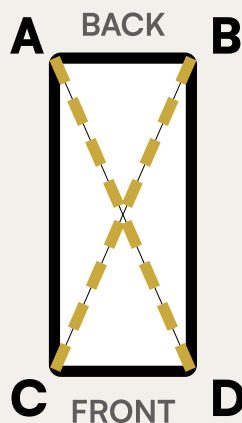
08

Square up, check the wing nuts

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



Square: the arches line up from end to end



PARTS

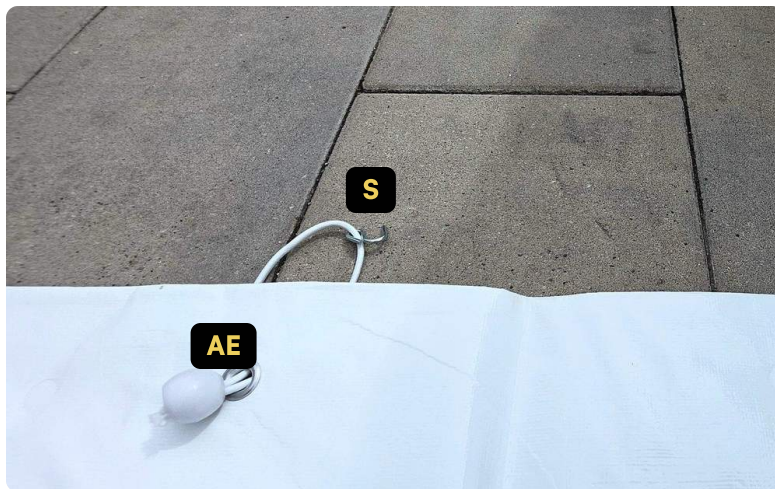
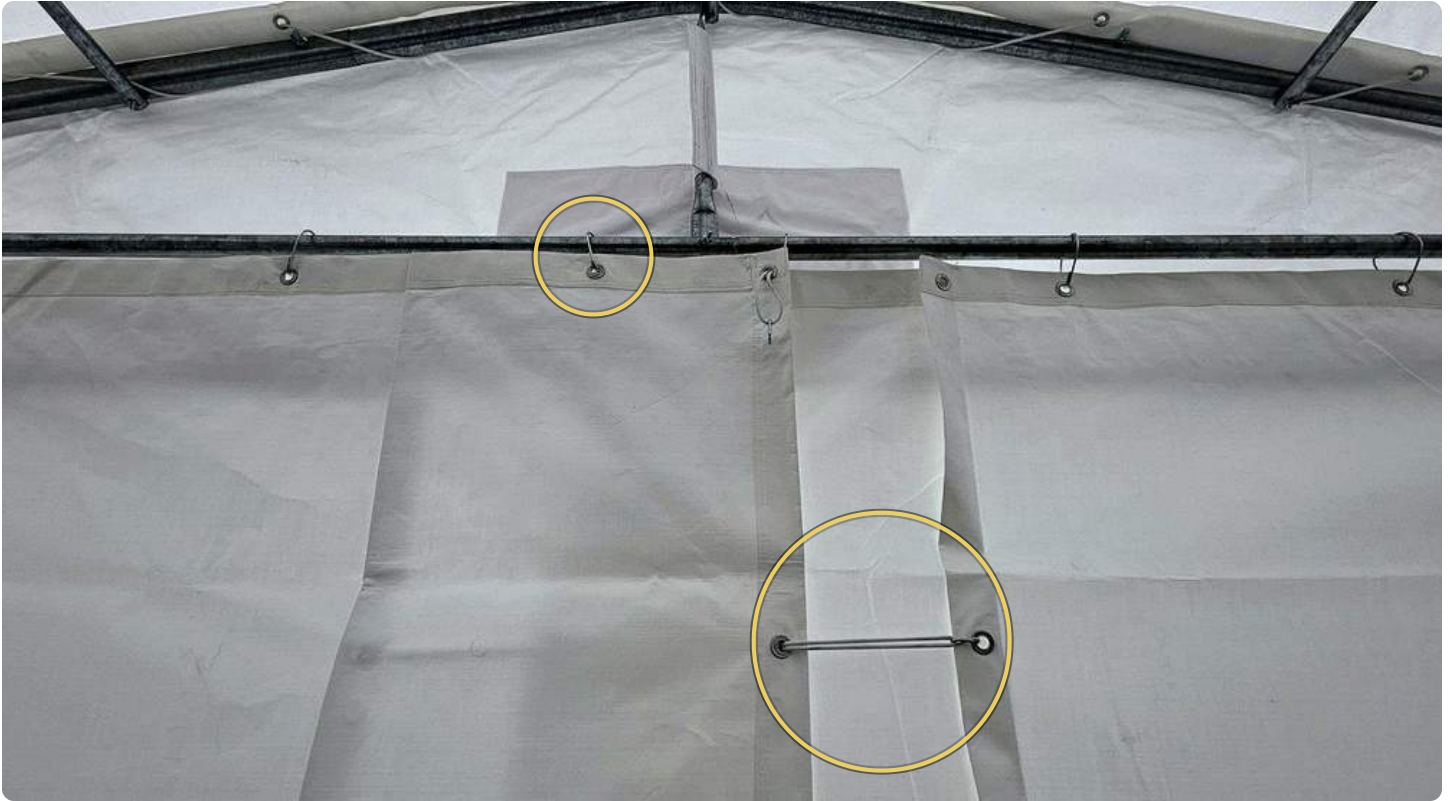
No new parts. Tools: tape measure, wrench or drill-driver.

Seen from above: $A-D = B-C$

- 1 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.
- 2 Check that every wing nut **W1** and **N1** is tight and facing inward: they must not touch the tarp.

09 Install the doors

4 door panels hung and closed: 2 at the front, 2 at the back.



PARTS FOR THIS STEP

PO Door panel **x4**
Also: rings, S-hooks **S** and elastic ties **AE**.

Elastic tie **AE** and S-hook **S**

- 1 Starting from the middle: elastic tie **AE** in the 1st and 3rd top grommet, ball outside. An S-hook **S** on each elastic, closed with pliers.
- 2 From the stepladder, hang the other top grommets on the door bar with the rings: open the ring, pass it around the bar, close it.
- 3 In the middle, join the 2 panels grommet to grommet, as in the large photo: each S-hook **S** hooks onto the other panel.
- 4 On the sides, tie the elastics **AE** to the tarp's grommet strip: one from inside, one from outside.

10

Anchor the shelter

A securely anchored shelter, ready for winter.



On pavers: permanent anchor (photo: single shelter)

PARTS

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



In the box: anchors **U** + anchor nails **CU** (photo: single shelter)

- 1 Place the anchors **U** over the foot spacer, on both sides. Fasten each anchor according to your ground:
- 2 Soil or grass: 2 nails **CU** per anchor, driven in an X (included).
- 3 Pavers or concrete: nails won't hold: permanent anchor, as in the photo (sold separately).



WARNING

An unanchored shelter can blow away or collapse. Anchor it before you use it. Guy wires strongly recommended (stakes sold separately).

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/
hulk-14x32](http://abriscrystal.com/en/guide/hulk-14x32)

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 **Both sides, in turn.** Clear one side, then the other, alternating. Never just one side.
- 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 reverse order: 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.