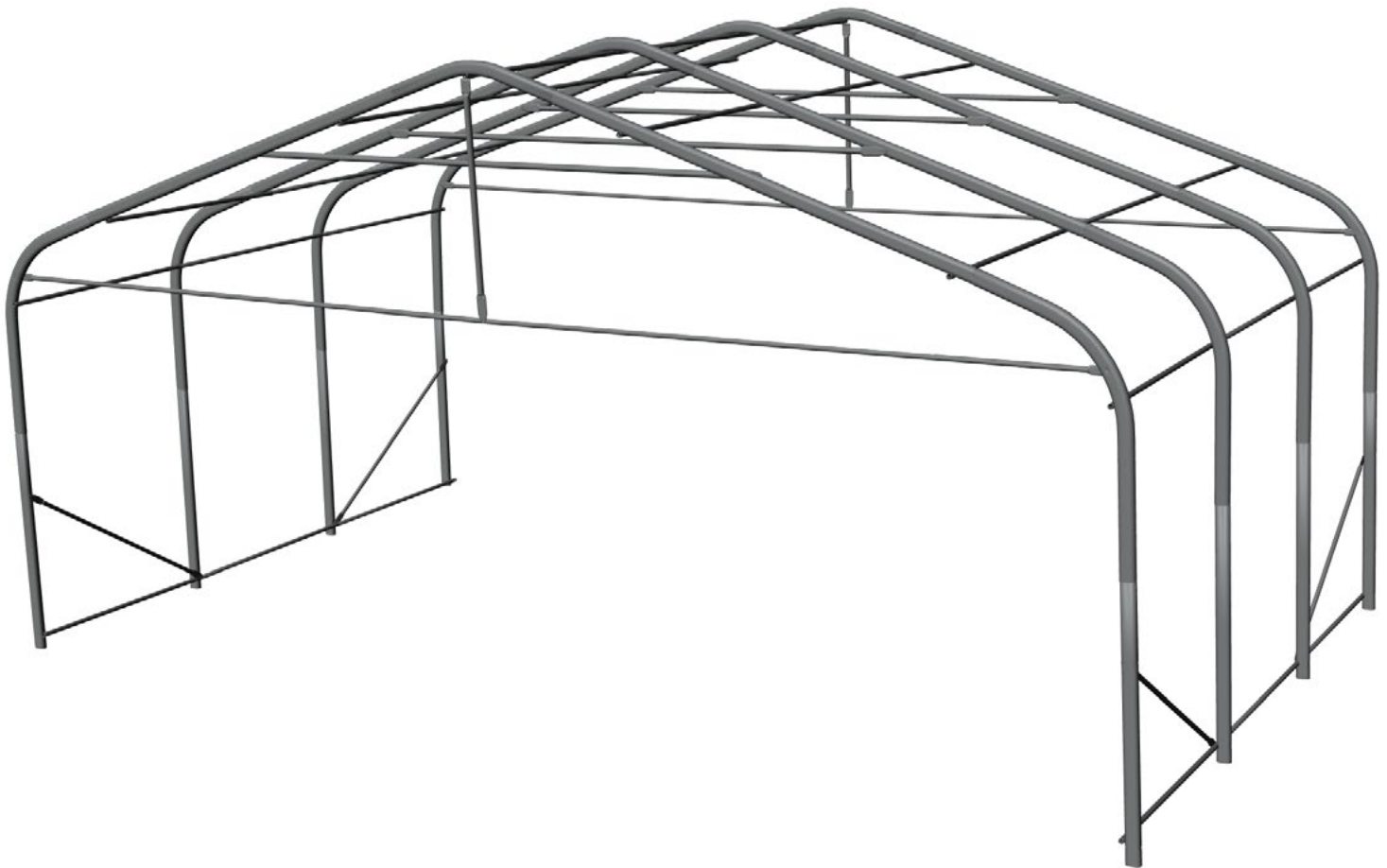




DOUBLE CAR SHELTER 14', 16', 18' & 20'

Please read the instructions carefully and verify the pieces before starting the installation.



DOUBLE CAR SHELTER 14', 16', 18' & 20'



PARTS

Code part	Description	4'	8'	12'	16'	20'	24'	28'	32'	36'	40'	44'	48'
TOPD	Center arch	2	3	4	5	6	7	8	9	10	11	12	13
EA14* EA16 EA18 EA20	Arch extension	4	6	8	10	12	14	16	18	20	22	24	26
RA14* RA16 RA18 RA20	Arch brace	2	3	4	5	6	7	8	9	10	11	12	13
ACO2D	Arch corner 2 holes	4	4	4	4	4	4	4	4	4	4	4	4
ACOD	Arch corner 1 hole	0	2	4	6	8	10	12	14	16	18	20	22
TBAR14* TBAR16 TBAR18 TBAR20	Arch attachment	2	2	2	2	2	2	2	2	2	2	2	2
BPF14* BPF16 BPF18 BPF20	Female door brace	2	2	2	2	2	2	2	2	2	2	2	2
BPM14* BPM16 BPM18 BPM20	Male door brace	2	2	2	2	2	2	2	2	2	2	2	2
66P2D** 7P2D 8P2D	Leg 2 holes	2	4	4	4	4	4	4	4	4	4	4	4
66P1D** 7P1D 8P1D	Leg 1 hole	2	2	4	6	8	10	12	14	16	18	20	22
DIA	Diagonal brace	2	4	4	4	4	4	4	4	4	4	4	4
EM1*** EM2 EM3 EM4	Male brace	0	9	18	27	36	45	54	63	72	81	90	99
EF4	Female brace	9	9	9	9	9	9	9	9	9	9	9	9
T	Shelter cover	1	1	1	1	1	1	1	1	1	1	1	1

* The item code number depends on the chosen shelter. For example: BPF14 for shelter 14' wide and BPF16 for shelter 16' wide.

** The item code number depends on the chosen shelter. For example: 66P1D for shelter 6'6" clearance and 7P1D for shelter 7' clearance.

*** You may have the male brace EM1, EM2 or EM3 in addition to the male brace EM4 if your shelter cover has been modified in length.

NB. Depending on the model, you might have a leg extension. For example: to replace an 8' leg (8P1D), you will have a 1' leg extension + a 7' leg (7P1D).

DOUBLE CAR SHELTER 14', 16', 18' & 20'



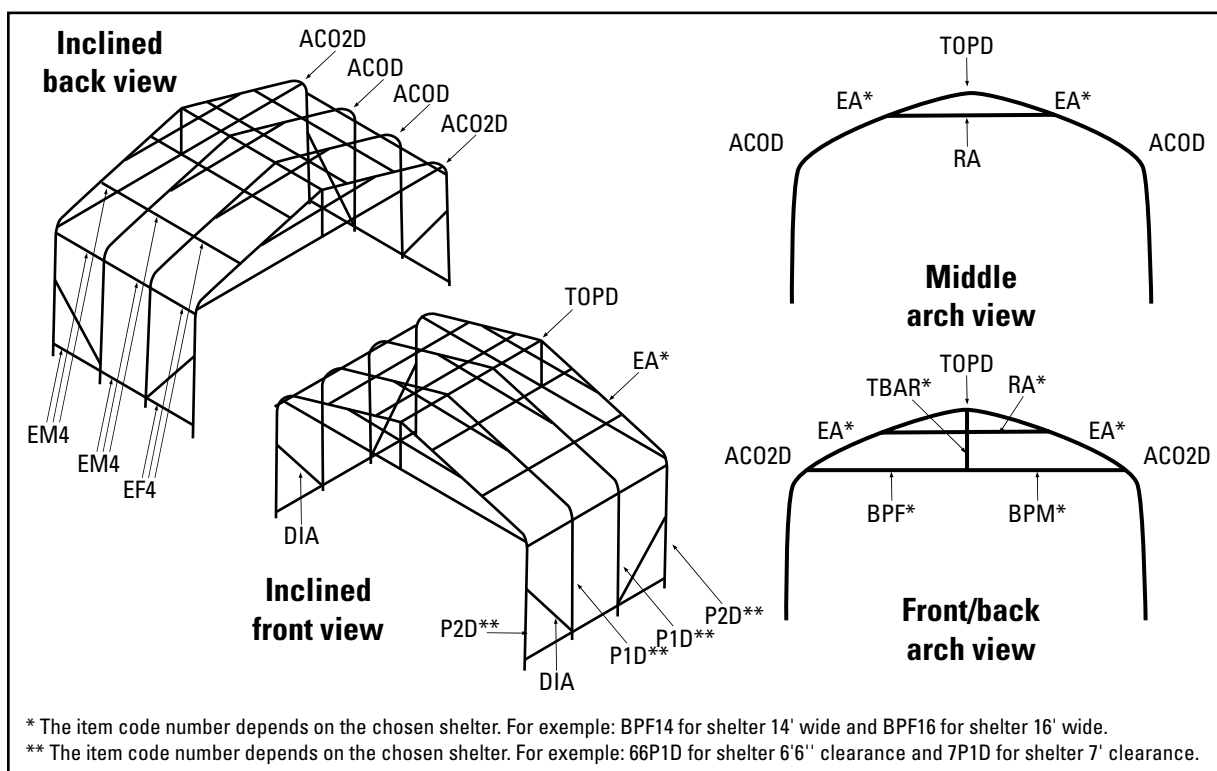
BOLTS AND WING NUTS

Code part	Description	4'	8'	12'	16'	20'	24'	28'	32'	36'	40'	44'	48'
B2	Bolt ¼" x 2 ½"	6	6	6	6	6	6	6	6	6	6	6	6
B516	Bolt ⅝" x 2 ½"	4	6	8	10	12	14	16	18	20	22	24	26
B3	Bolt ¼" x 3"	2	4	4	4	4	4	4	4	4	4	4	4
B4	Bolt ¼" x 4 ½"	18	27	36	45	54	63	72	81	90	99	108	117
P14	Wing nut ¼"	26	37	46	55	64	73	82	91	100	109	118	127
P516	Wing nut ⅝"	4	6	8	10	12	14	16	18	20	22	24	26

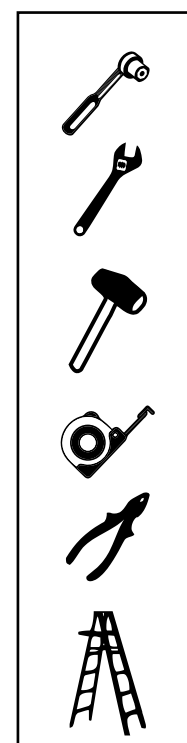
HARDWARE

Code part	Description	4'	8'	12'	16'	20'	24'	28'	32'	36'	40'	44'	48'
S HOOK	S Hook	24	24	24	24	24	24	24	24	24	24	24	24
ANNEAU	Shower hook	24	24	24	24	24	24	24	24	24	24	24	24
ELASTIQUE	Elastics	24	24	24	24	24	24	24	24	24	24	24	24
ROPE	Rope	1	1	1	1	1	1	1	1	1	1	1	1

SHELTER VIEWS



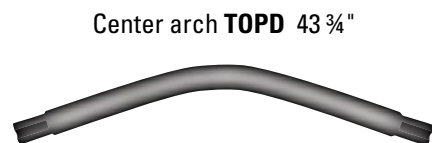
REQUIRED TOOLS (NOT INCLUDED)



DOUBLE CAR SHELTER 14', 16', 18' & 20'

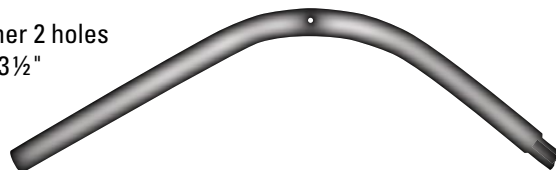


PARTS



Center arch **TOPD** 43 3/4"

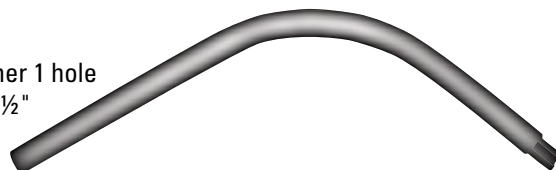
Arch corner 2 holes
AC02D 53 1/2"



Arch attachment **TBAR***

TBAR14 29 1/2" **TBAR18** 37"
TBAR16 32" **TBAR20** 41 1/4"

Arch corner 1 hole
AC0D 53 1/2"



Arch extension **EA***

EA14 43" **EA16** 55" **EA18** 68" **EA20** 81"



Arch brace **RA***

RA14 76 1/2" **RA16** 112 1/2" **RA18** 112 1/2" **RA20** 112 1/2"



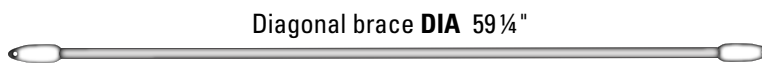
Female door brace **BPF***

BPF14 81" **BPF16** 93 1/4" **BPF18** 104 3/4" **BPF20** 116 3/4"

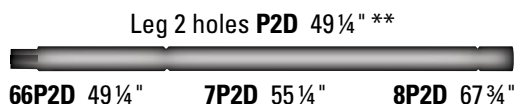


Male door brace **BPM***

BPM14 83" **BPM16** 95 1/4" **BPM18** 106 3/4" **BPM20** 118 3/4"



Diagonal brace **DIA** 59 1/4"



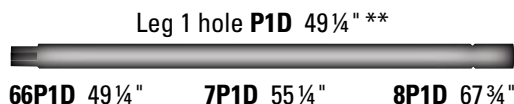
Leg 2 holes **P2D** 49 1/4" **

66P2D 49 1/4" **7P2D** 55 1/4" **8P2D** 67 3/4"

Male brace **EM4** 50 3/4" ***



EM1 15" **EM2** 27" **EM3** 39"



Leg 1 hole **P1D** 49 1/4" **

66P1D 49 1/4" **7P1D** 55 1/4" **8P1D** 67 3/4"

Female brace **EF4** 48"



* The item code number depends on the chosen shelter. For example: BPF14 for shelter 14' wide and BPF16 for shelter 16' wide.

** The item code number depends on the chosen shelter. For example: 66P1D for shelter 6'6" clearance and 7P1D for shelter 7' clearance.

*** You may have the male brace EM1, EM2 or EM3 in addition to the male brace EM4 if your shelter cover has been modified in length.

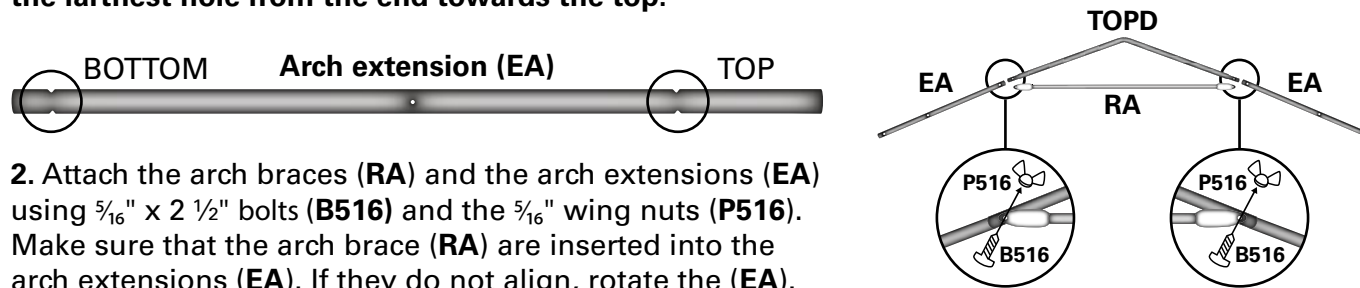
NB. Depending on the model, you might have a leg extension. For example: to replace an 8' leg (8P1D), you will have a 1' leg extension + a 7' leg (7P1D).

DOUBLE CAR SHELTER 14', 16', 18' & 20'



INSTALLATION

1. Insert each side of the center arch (**TOPD**) into 2 arch extensions (**EA**) by placing the side with the farthest hole from the end towards the top.

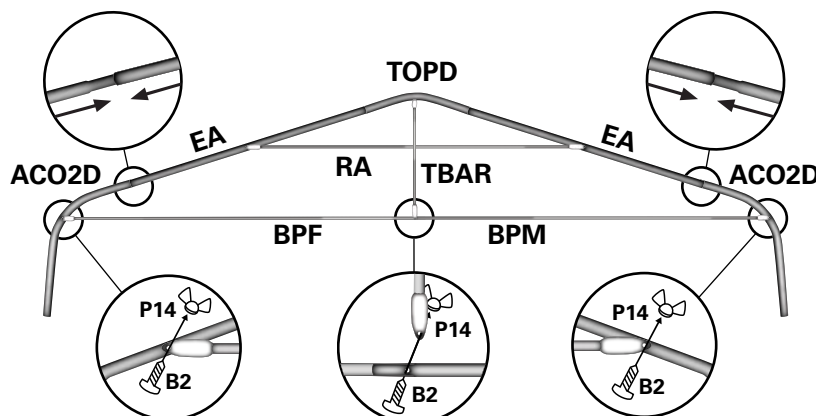


2. Attach the arch braces (**RA**) and the arch extensions (**EA**) using $\frac{5}{16}$ " x 2 $\frac{1}{2}$ " bolts (**B516**) and the $\frac{5}{16}$ " wing nuts (**P516**). Make sure that the arch brace (**RA**) are inserted into the arch extensions (**EA**). If they do not align, rotate the (**EA**).

NB: Do not confuse the legs (**P1D** and **P2D**) with the arch extensions (**EA**).

3. Insert the arch corner (**ACO2D** for the front/back arch) inside the arch extensions (**EA**).

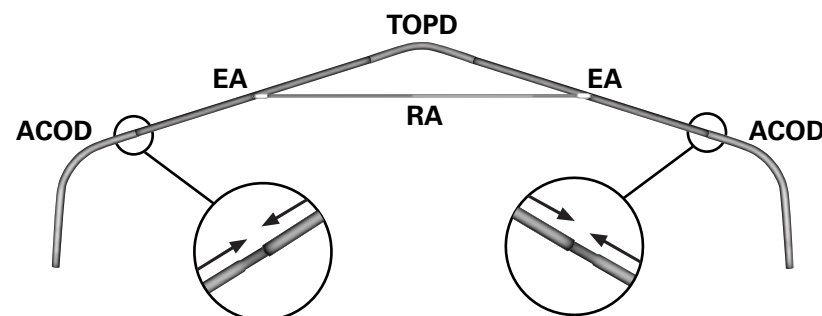
4. Assemble the male (**BPM**) door rail with the female door rail (**BPF**) then, in the middle, fix the attachment arch (**TBAR**) using the $\frac{1}{4}$ " x 2 $\frac{1}{2}$ " bolts (**B2**) and the $\frac{1}{4}$ " wing nuts (**P14**).



Front/Back arch

Complete the front and the back arches with the door rail using the $\frac{1}{4}$ " x 2 $\frac{1}{2}$ " bolts (**B2**) and the $\frac{1}{4}$ " wing nuts (**P14**).

5. Insert the arch corner (**ACOD** for the front/back arch) inside the arch extensions (**EA**).



Middle arch

6. Assemble all the arches before starting to build the shelter.

DOUBLE CAR SHELTER 14', 16', 18' & 20'



Front/Back arch

Middle arch

7. Add the legs 2 holes (**P2D**) on both sides of the front and the back arches.

Add the leg 1 hole (**P1D**) on both side of the middle arch.

NB. If you have leg extensions, insert them between the arch corner and the leg (between **ACO2D** and **P2D** for the Front or Back arch, and between **ACOD** and **P1D** for the Middle arch).

8. For shelter cover modified in length (if not modified, go to step 9):
Unroll the cover to locate where the shortened section is.
This is the section where you will need to use the male brace EM1, EM2 or EM3 as appropriate for step 11.

Example of modified shelter cover:

4'

2'

4'

This section is modified.

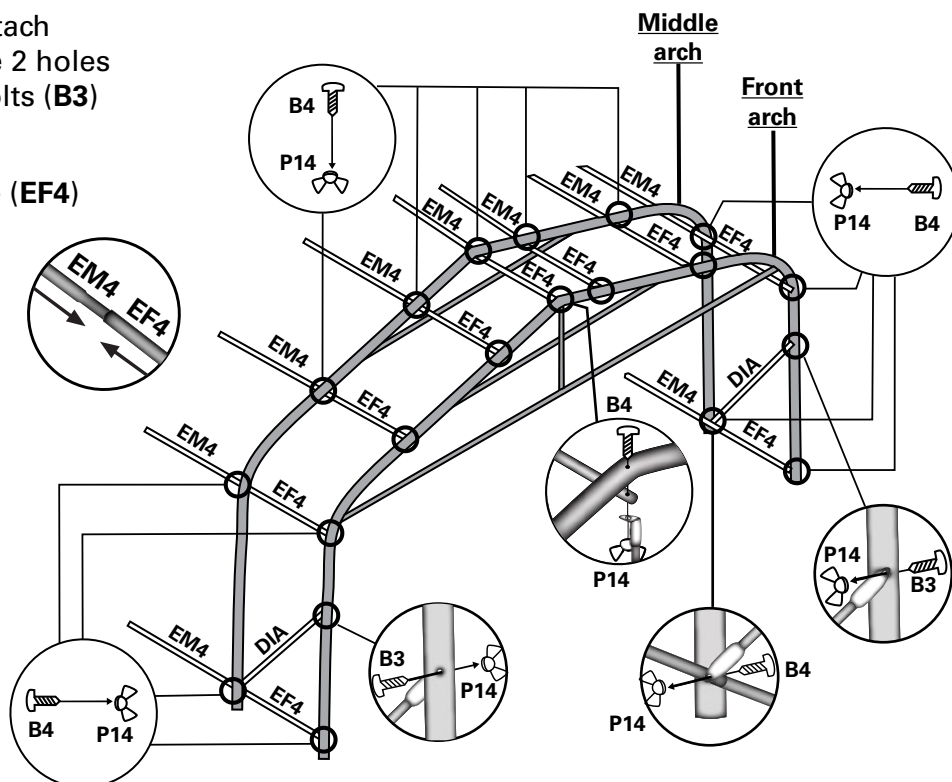
DOUBLE CAR SHELTER 14', 16', 18' & 20'

ABRIS MONDIAL

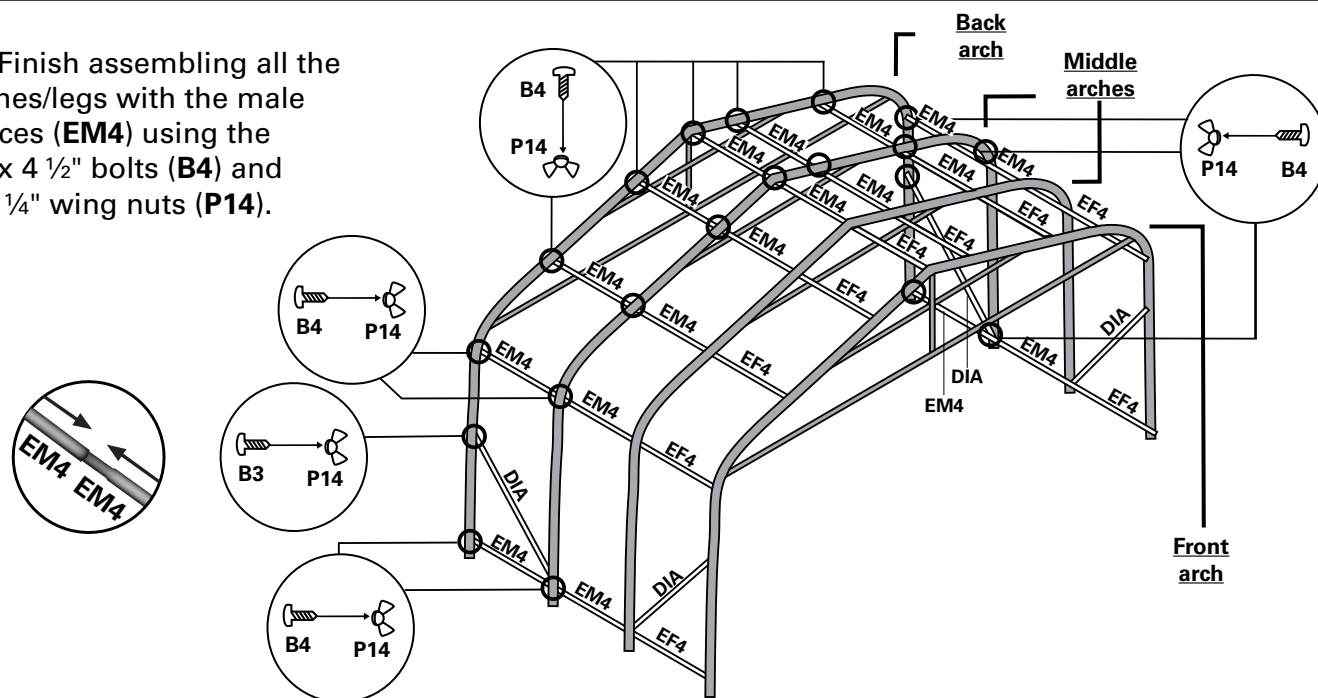
9. For the front/back arches, attach the diagonal brace (**DIA**) to the 2 holes legs (**P2D**) using the $\frac{1}{4}$ " x 3" bolts (**B3**) and the $\frac{1}{4}$ " wing nuts (**P14**).

10. Assemble the female brace (**EF4**) with the male brace (**EM4**). Then, attach the FRONT arch with the female brace (**EF4**) using the $\frac{1}{4}$ " x 4 $\frac{1}{2}$ " bolts (**B4**) and the $\frac{1}{4}$ " wing nuts (**P14**).

The wing nuts (**P**), the female braces (**EF4**), the diagonale braces (**DIA**) and the male braces (**EM4**) must be installed on the inner side of the shelter. Doing so, prevents damage to the cover.



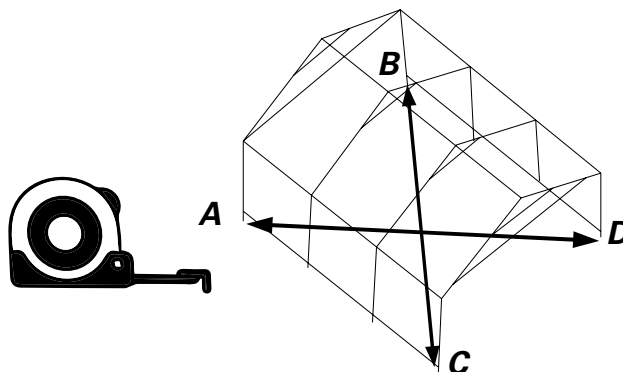
11. Finish assembling all the arches/legs with the male braces (**EM4**) using the $\frac{1}{4}$ " x 4 $\frac{1}{2}$ " bolts (**B4**) and the $\frac{1}{4}$ " wing nuts (**P14**).



DOUBLE CAR SHELTER 14', 16', 18' & 20'



12. Ensure that the structure has been installed symmetrically by measuring the distances between points A and D as well as B and C. If the two measurements are equal, the structure is symmetrical.



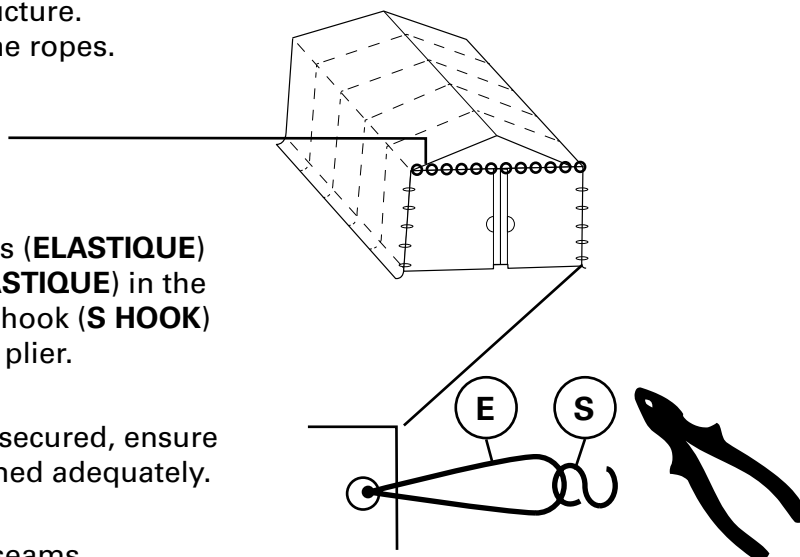
13. Install the shelter cover (**T**) on the structure. Tightly attach the tarp with the ties and the ropes.

14. Hang the doors on the (**BPM + BPF**) using the shower hooks (**ANNEAU**).

15. Use the S hooks (**S HOOK**) and elastics (**ELASTIQUE**) to attach the doors: Insert the elastic (**ELASTIQUE**) in the grommet, on the opposite side insert the hook (**S HOOK**) and then pinch the hook (**S HOOK**) with a plier.

16. Once the installation is complete and secured, ensure that all wing nuts and the rope are tightened adequately.

The product is waterproof, except for its seams.



Requirement: Welded fabrics require anti wind bands (sold separately).

Please read the warnings indicated on your shelter tarp to prevent the shelter from failing down or flying away. **Guide cables** and **permanent anchors** (sold separately) are strongly suggested. The anchoring guide posted on our website will illustrate how to use your anchoring system of choice.

www.abrismondial.com/en/installation-plans.

