# Metal Storage Shed Owner Manual & Assemble Guide_SS16622

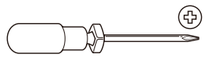


| |
|---|
| **Customer Service:**<br>If you have any problem, please contact us through the online platform. |
| All parts are packed in four boxes, please note that refer to the parts list to check if all parts are received. |

**Please prepare below tools before installation. (Not Included)**



Electric Screwdriver



+ Manual Screwdriver

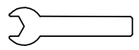


Ladder

**Package included Tools**



Gloves x 1Pair



Spanner x 1

## ATTENTION

Care **MUST** be taken when handing various pieces of your building since many contain sharp edges.

**Do NOT** attempt to assemble your building before double checking that you have all parts indicated in the parts lists.Any building left partially assembled may be seriously damaged by even light winds.

**Do NOT** attempt to assemble your building on a windy day, the large panels can catch the wind like a “sail”, making construction difficult and unsafe. **Watch the weather closely.**

Keep children and pets away from the worksite during construction and until the building is completely assembled. This will help avoid distractions and any accidents which may occur.

Never concentrate your weight on the roof of the building.

Before assembling any parts, your base should be constructed and an anchoring system should be ready to use.Your building must be anchored to prevent wind damage.

## ASSEMBLY

The best location is a level area with good drainage.

Allow enough space outside the building to be able to access the roof with a ladder.

**USE TEAMWORK**:Two or more people are required to assemble your building.

## CARE & MAINTENANCE

**Do NOT** use power washing to clean your shed.

Combustibles and corrosives must be stored in air tight containers designed for chemical and/or combustible storage.

## Rust Protection Precautions

Avoid nicking or scraping the coating surface,inside and out.

**PLEASE KEEP THIS INSTRUCTION FOR FUTURE REFERENCE.**



# Part List A

| PART | NO. | QTY. |
|---|---|---|
| | W3-DH | 32 |
| | K1616-12 | 5 |

| PART | NO. | QTY. |
|---|---|---|
| | K1616-13 | 5 |
| | | |

# Part List B

| PART | NO. | QTY. |
|---|---|---|
| | W3-DH | 22 |
| | W3-CH | 4 |
| | K1616-8 | 4 |
| | K1616-8A | 4 |
| | K1014-9L | 2 |
| | K1616-9M | 4 |
| | K1014-9R | 2 |
| | K1616-1 | 2 |
| | F1612-2L | 2 |
| | F1612-2M | 2 |
| | F1612-2R | 2 |
| | DRA1J | 1 |

| PART | NO. | QTY. |
|---|---|---|
| | K1616-3 | 2 |
| | K1014-4L | 2 |
| | K1616-4M | 2 |
| | K1014-4R | 2 |
| | DLA1J | 1 |
| | DDJ | 2 |
| | ULAK | 1 |
| | URAK | 1 |
| | DXF7 | 2 |
| | DXF2 | 1 |
| | K1616-14 | 2 |
| | K1219-16 | 1 |

# Part List C

| PART | NO. | QTY. |
|---|---|---|
| | K1616-7 | 4 |
| | K1616-7M | 18 |
| | K1616-7MM | 2 |

| PART | NO. | QTY. |
|---|---|---|
| | W5-XJ | 1 |
| | W3-HXJ | 1 |
| | K1219-15 | 1 |

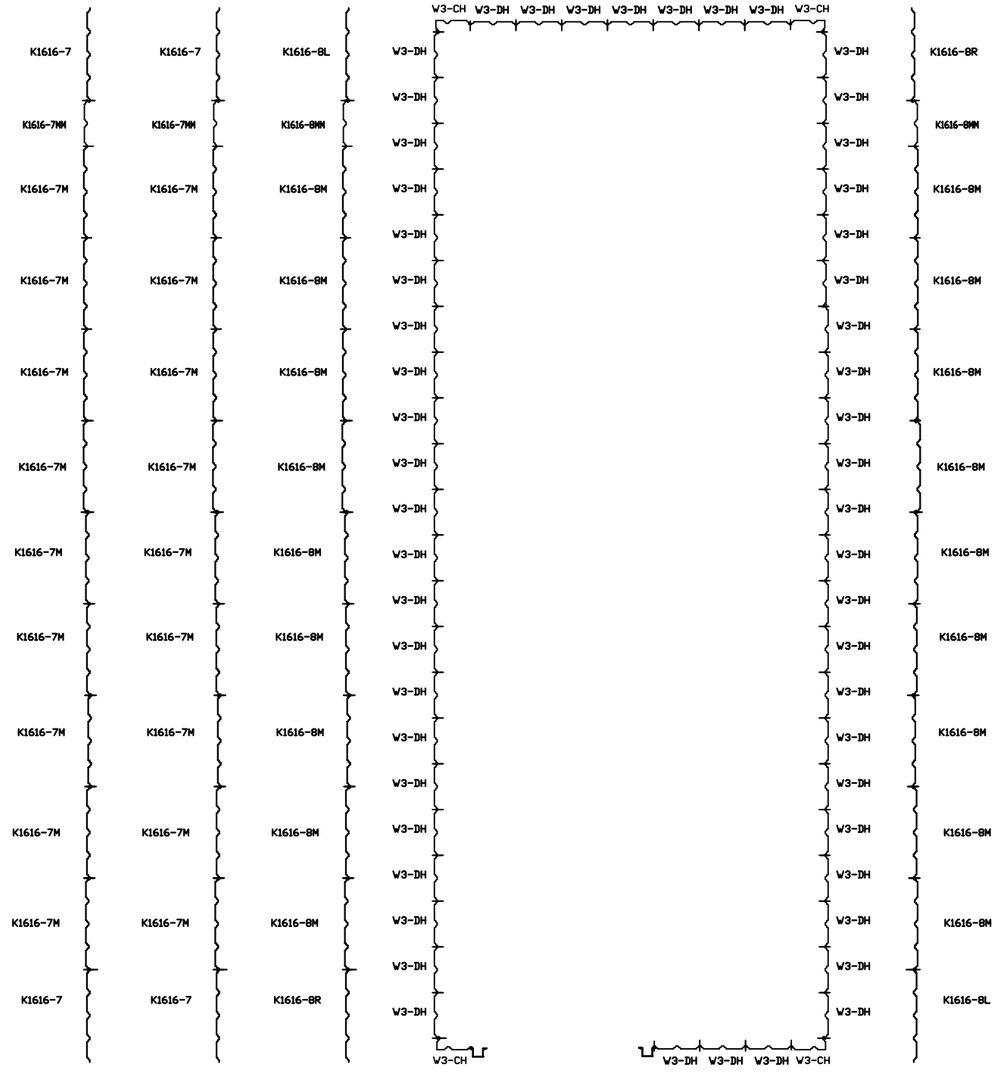
# Part List D

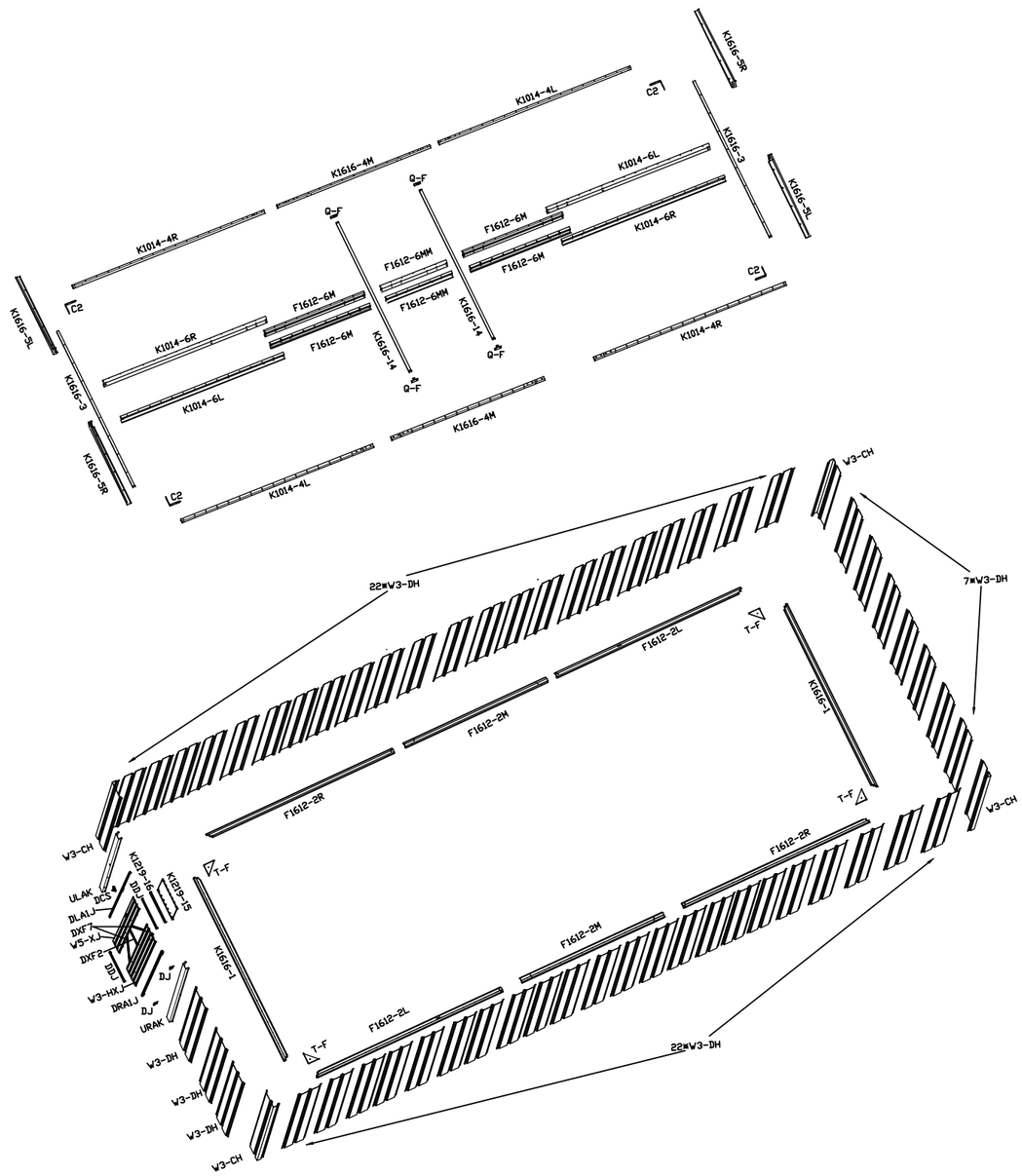
| PART | NO. | QTY. |
|---|---|---|
| | K1616-8L | 2 |
| | K1616-8R | 2 |
| | K1616-8M | 18 |
| | K1616-8MM | 2 |
| | K1616-5L | 2 |
| | K1616-5R | 2 |
| | K1014-6L | 2 |
| | K1014-6R | 2 |
| | F1612-6M | 4 |
| | F1612-6MM | 2 |
| | F1612-10R | 1 |
| | F1612-10M | 9 |
| | F1612-10L | 1 |
| | K1616-6 | 16 |
| | Q-F4 | 5 |
| | K1616-11 | 5 |
| | Q-F3 | 10 |

| PART | NO. | QTY. |
|---|---|---|
| | Q-F2 | 5 |
| | GC | 4 |
| | GE | 2 |
| | T-F | 4 |
| | C2 | 4 |
| | DJ | 2 |
| | DCS | 1 |
| | ST4.2*10 (F1) | 1000 |
| | M4*10 (F2) | 107 |
| | V2:ø10*ø4*1 (V2) | 346 |
| | ST4*16 (F4) | 4 |
| | M4 | 1 |
| | ST | 2 |
| | K310-18 | 10 |
| | Q-F | 36 |
| | M6*50(PZ) | 14 |
| | | |

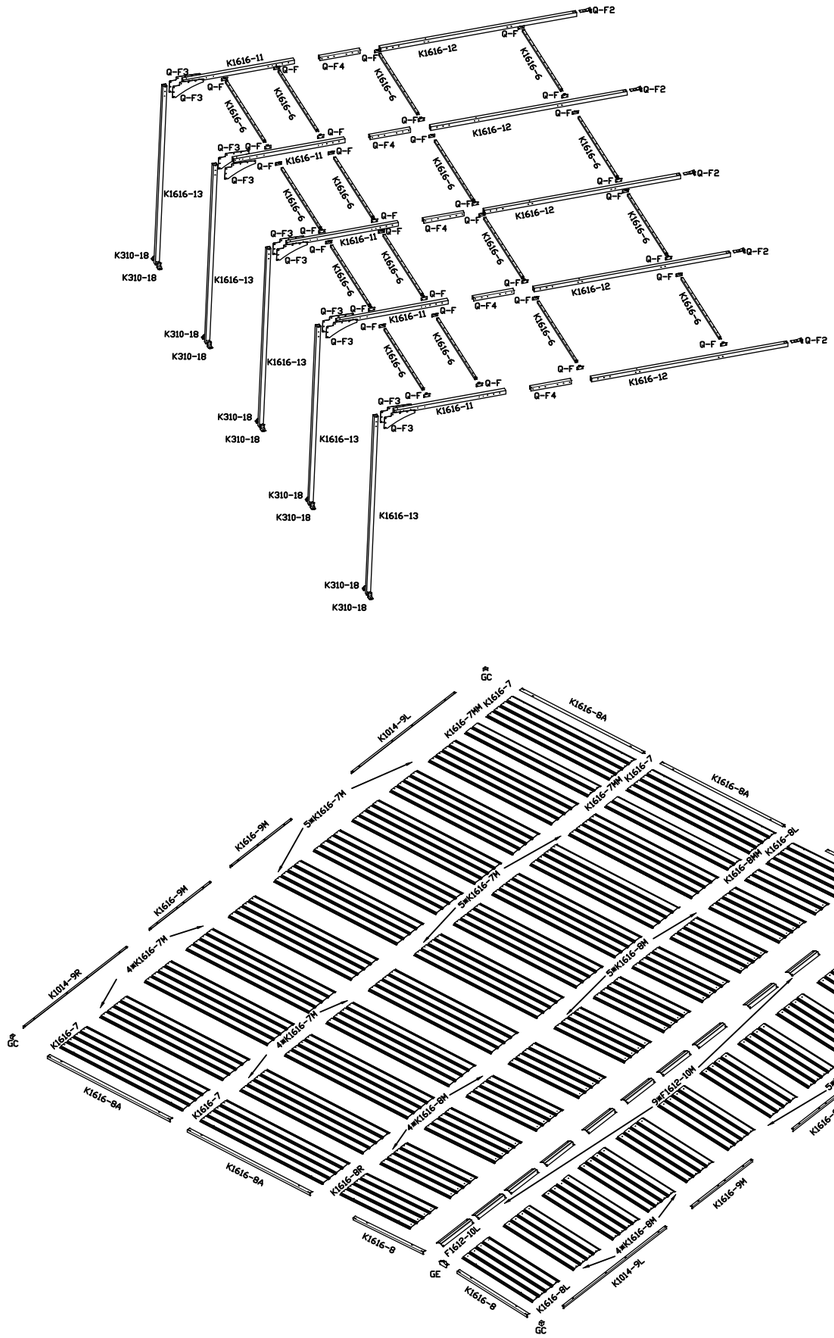


# Part List




K1616-5R
K1014-4L
K1616-4M
K1014-4R
K1616-3
K1616-5L
K1014-6L
K1014-6R
F1612-6M
F1612-6MM
K1616-14
C2
Q-F
K1616-1
F1612-2L
F1612-2M
F1612-2R
T-F
22*W3-DH
7*W3-DH
W3-CH
W3-DH
ULAK
DLALJ
DXF1
W5-XJ
DXF2
W3-HXJ
DRALJ
URAK
DJ
DDU
DDS
K1219-16
K1219-15

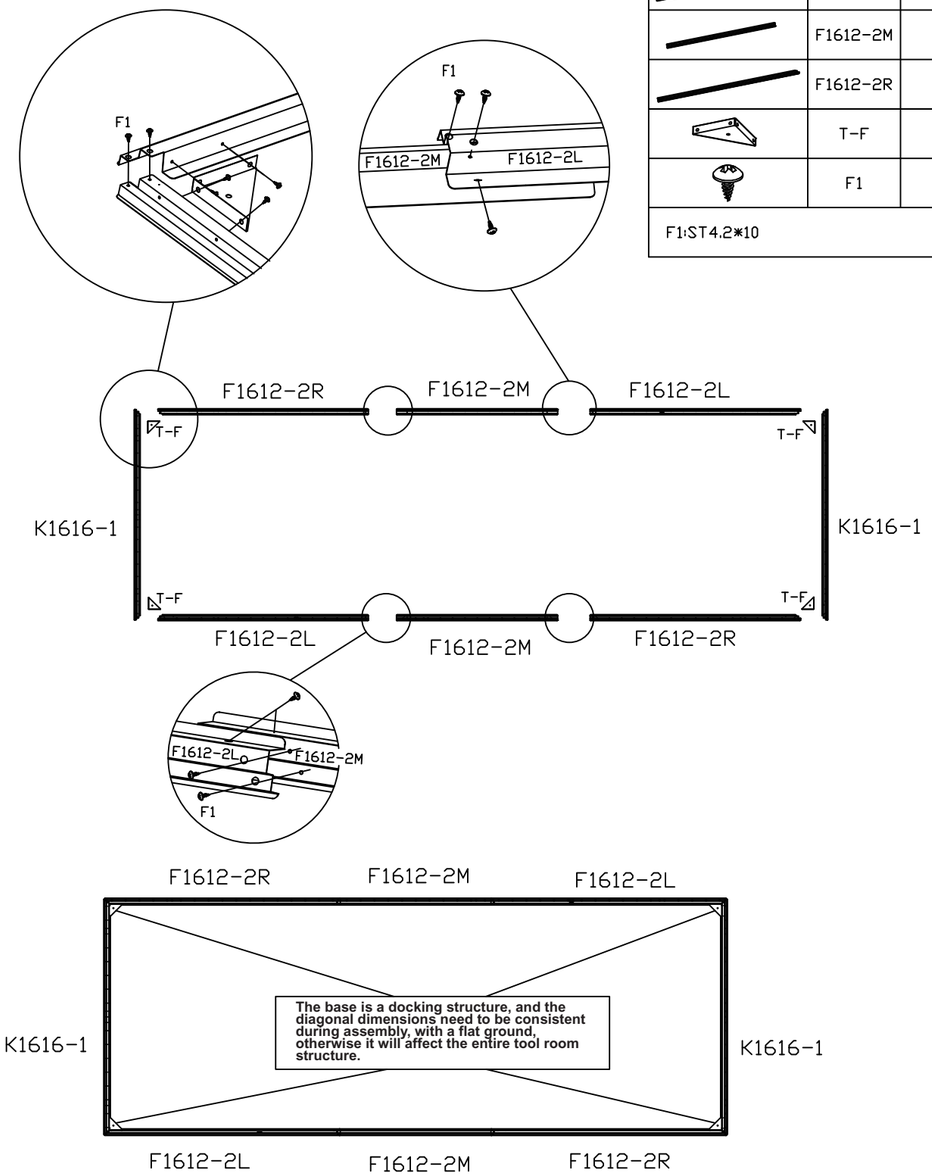
6


Q-F2
Q-F4
Q-F3
K1616-11
K1616-12
K1616-6
K1616-13
K310-18
GC
K1616-7
K1616-7M
K1616-8A
K1014-9L
K1014-9R
K1616-9M
K1616-8M
K1616-9
K1616-8R
K1616-8L
5*K1616-7M
4*K1616-8M
5*K1616-8M
F1612-10M
F1612-10R
F1612-10L

7

# Shed Base Frame Assemble

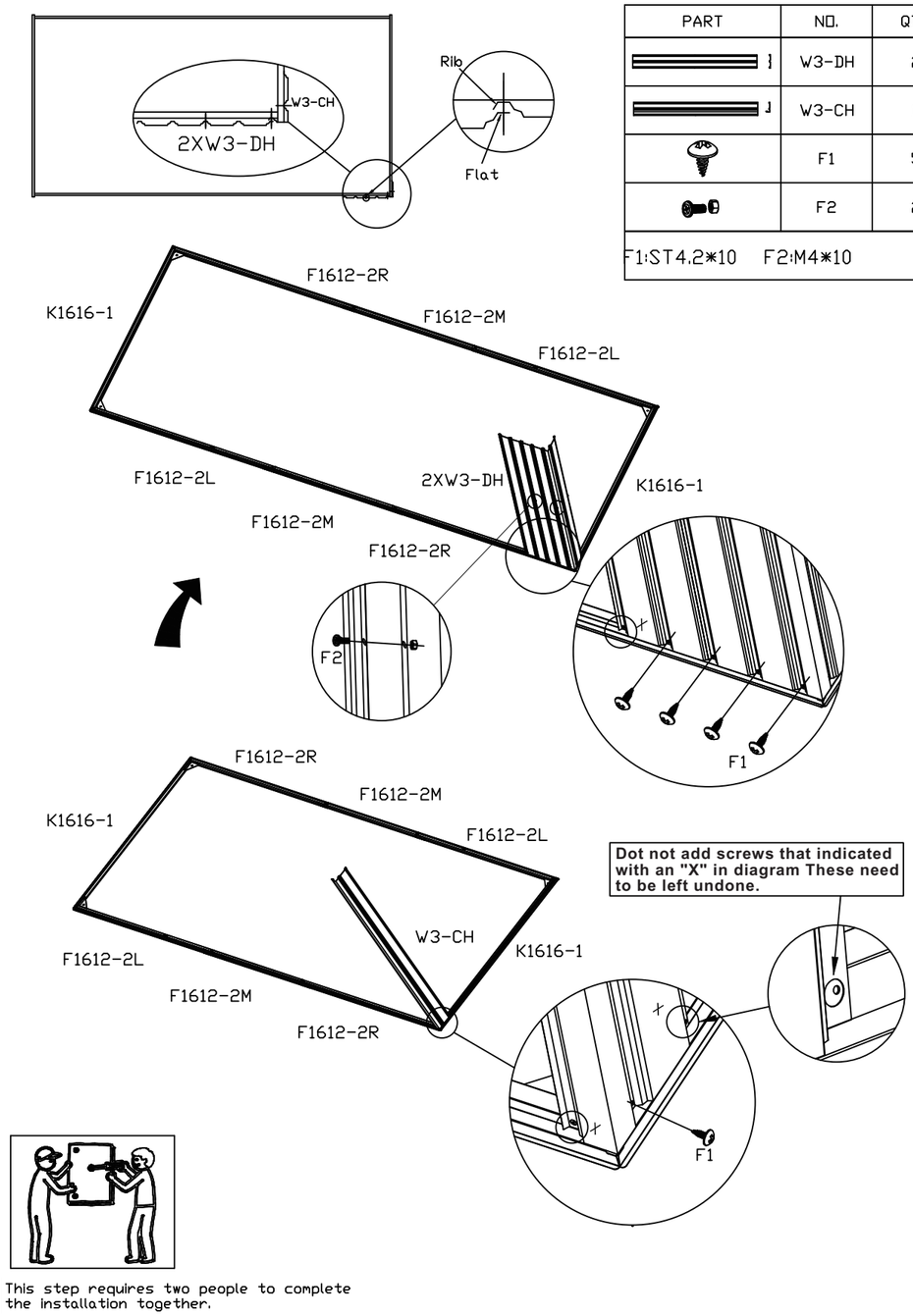
| PART | NO. | QTY |
|---|---|---|
| | K1616-1 | 2 |
| | F1612-2L | 2 |
| | F1612-2M | 2 |
| | F1612-2R | 2 |
| | T-F | 4 |
| | F1 | 36 |
| F1:ST4.2*10 | | |






# Shed Side Panels Assemble

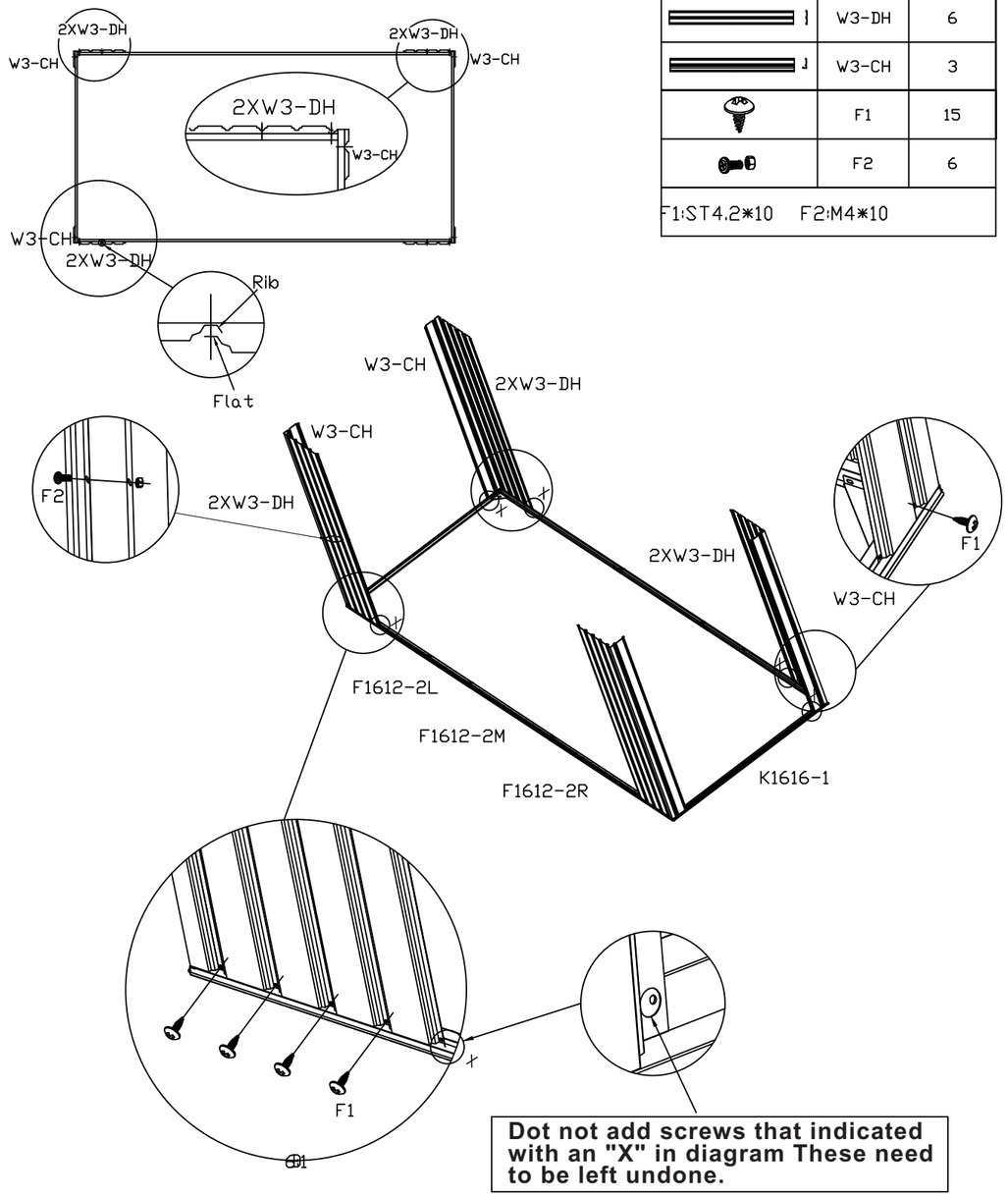
| PART | NO. | QTY |
|---|---|---|
| | W3-DH | 2 |
| | W3-CH | 1 |
| | F1 | 5 |
| | F2 | 2 |
| F1:ST4.2*10 F2:M4*10 | | |



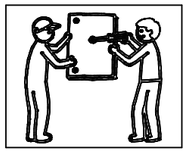



This step requires two people to complete the installation together.

| PART | NO. | QTY |
|---|---|---|
| | W3-DH | 6 |
| | W3-CH | 3 |
| | F1 | 15 |
| | F2 | 6 |
| F1:ST4.2*10 F2:M4*10 | | |




**Dot not add screws that indicated with an "X" in diagram These need to be left undone.**

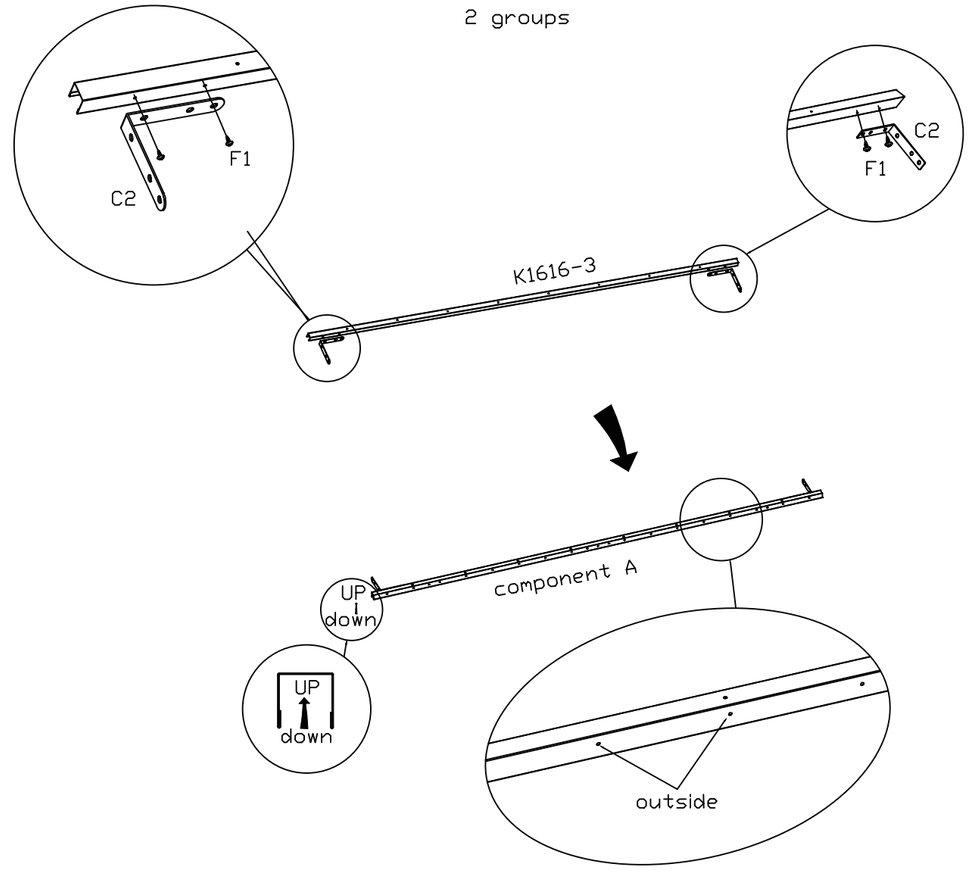


This step requires two people to complete the installation together.



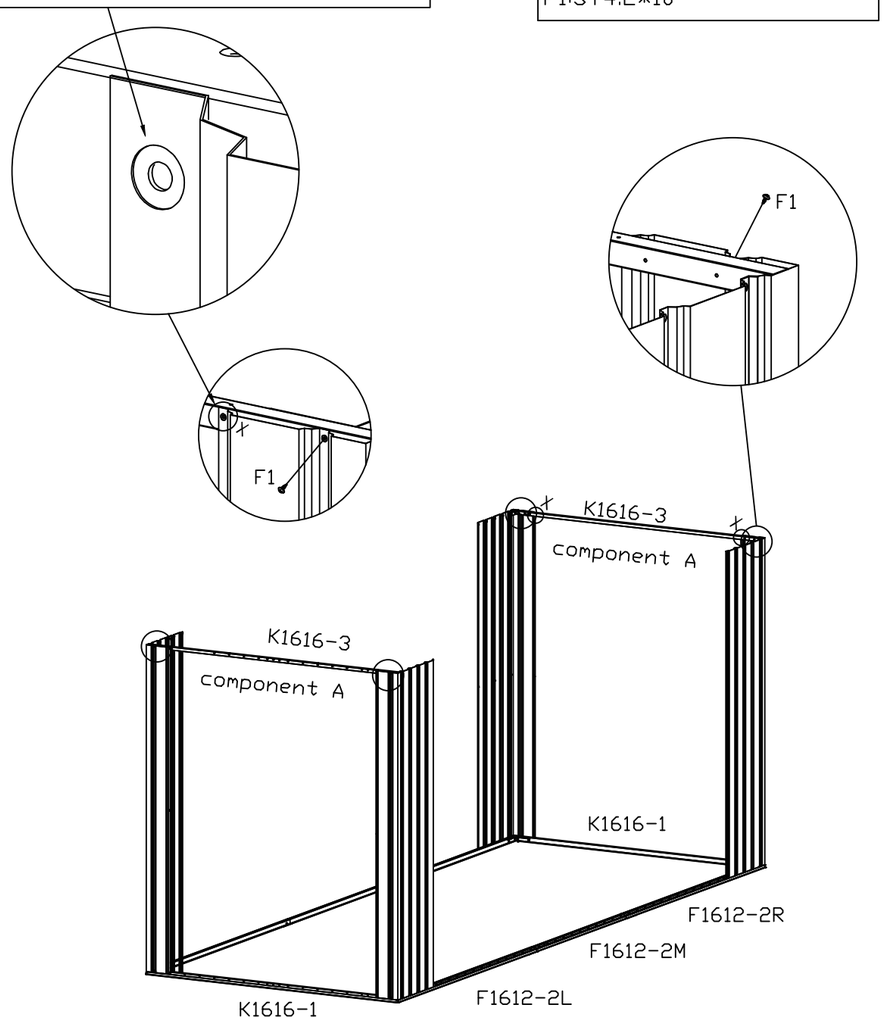
| PART | NO. | QTY |
|---|---|---|
| | K1616-3 | 2 |
| | C2 | 4 |
| | F1 | 8 |
| F1:ST4.2*10 | | |

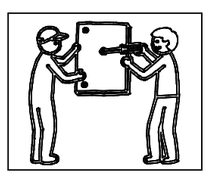
2 groups



| PART | NO. | QTY |
|---|---|---|
| | component A | 2 |
| | F1 | 4 |
| F1:ST4.2*10 | | |

**Dot not add screws that indicated with an "X" in diagram These need to be left undone.**



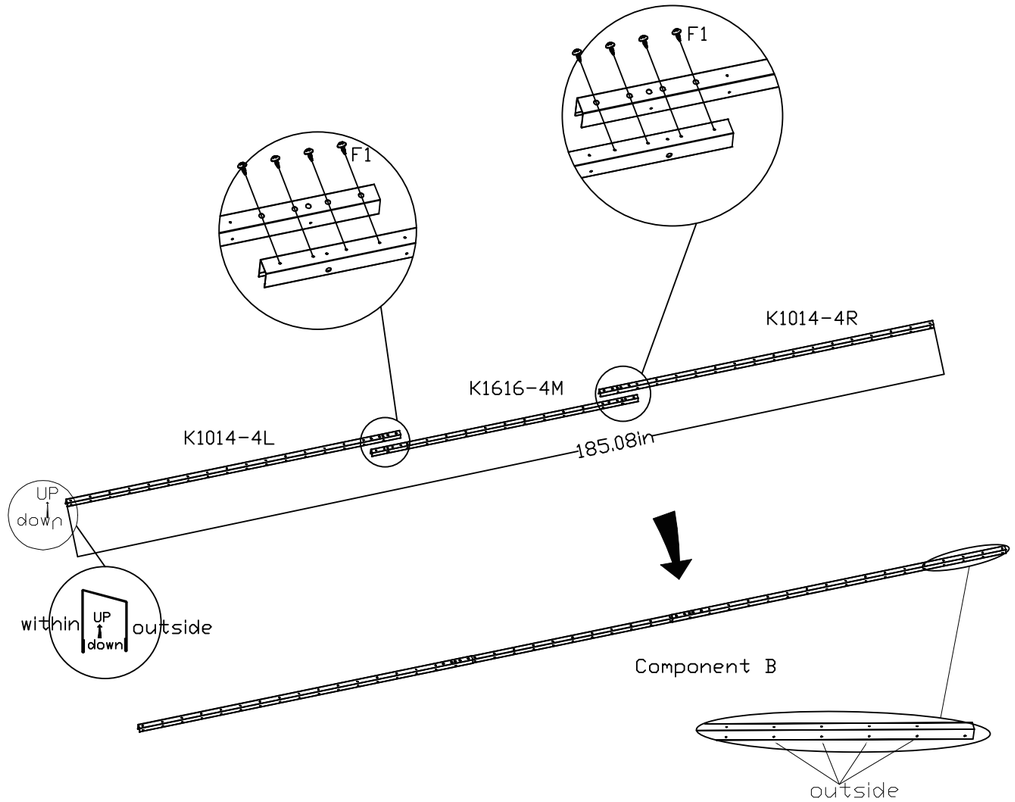



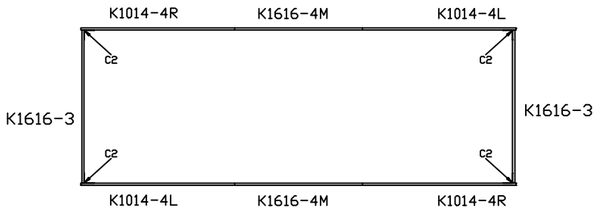
This step requires two people to complete the installation together.



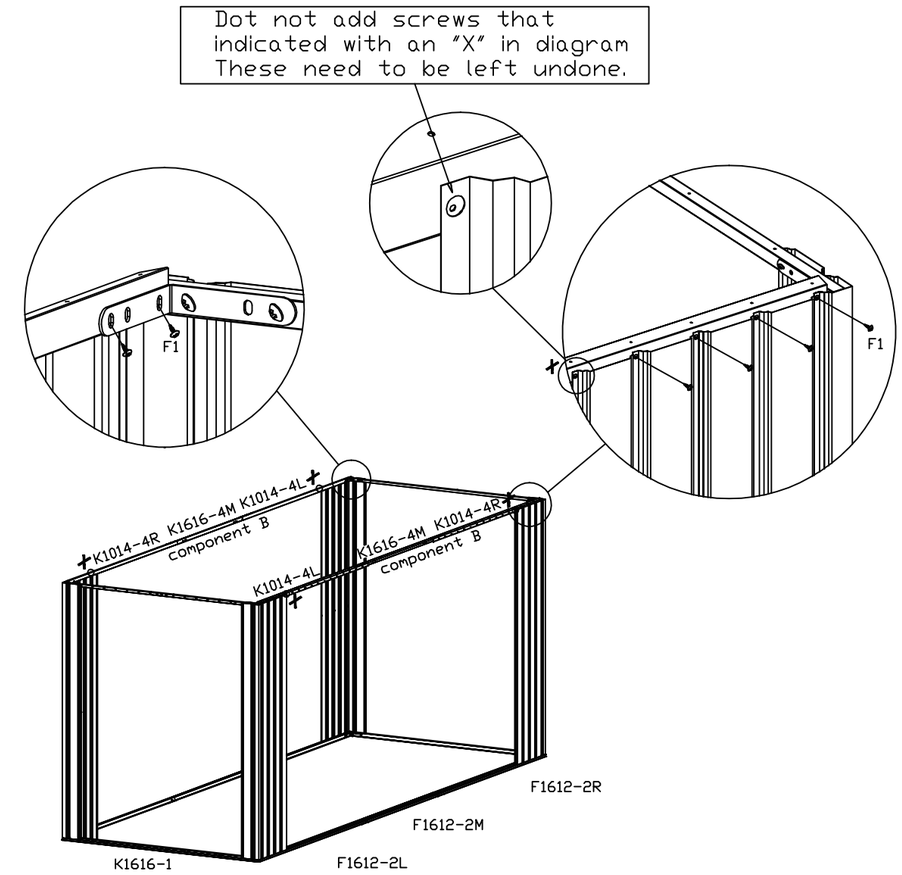
| PART | NO. | QTY |
|---|---|---|
| | K1014-4L | 2 |
| | K1616-4M | 2 |
| | K1014-4R | 2 |
| | F1 | 16 |
| F1:ST4.2*10 | | |

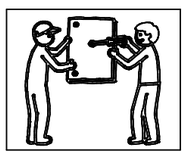
2 groups





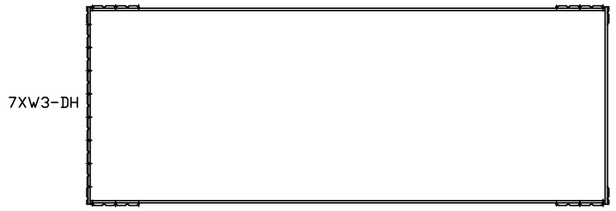

| PART | NO. | QTY |
|---|---|---|
| | component B | 2 |
| | F1 | 24 |
| F1:ST4.2*10 | | |



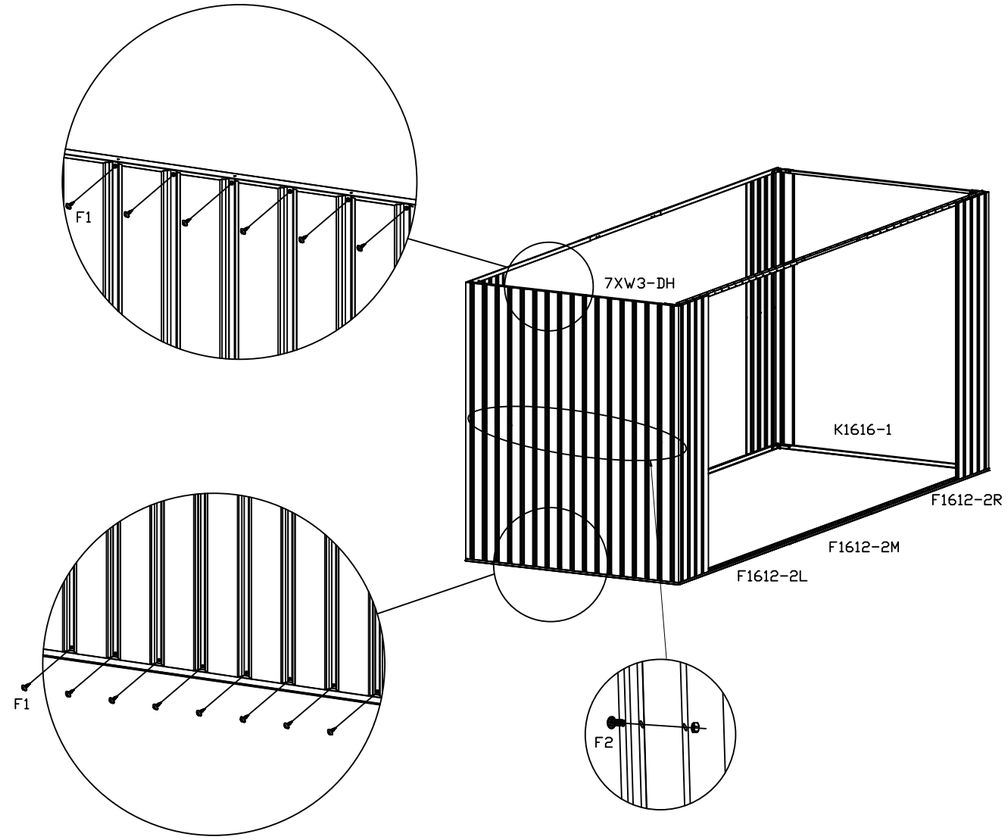



This step requires two people to complete the installation together.

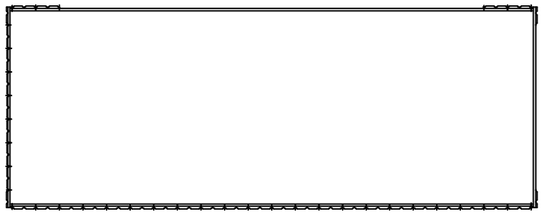




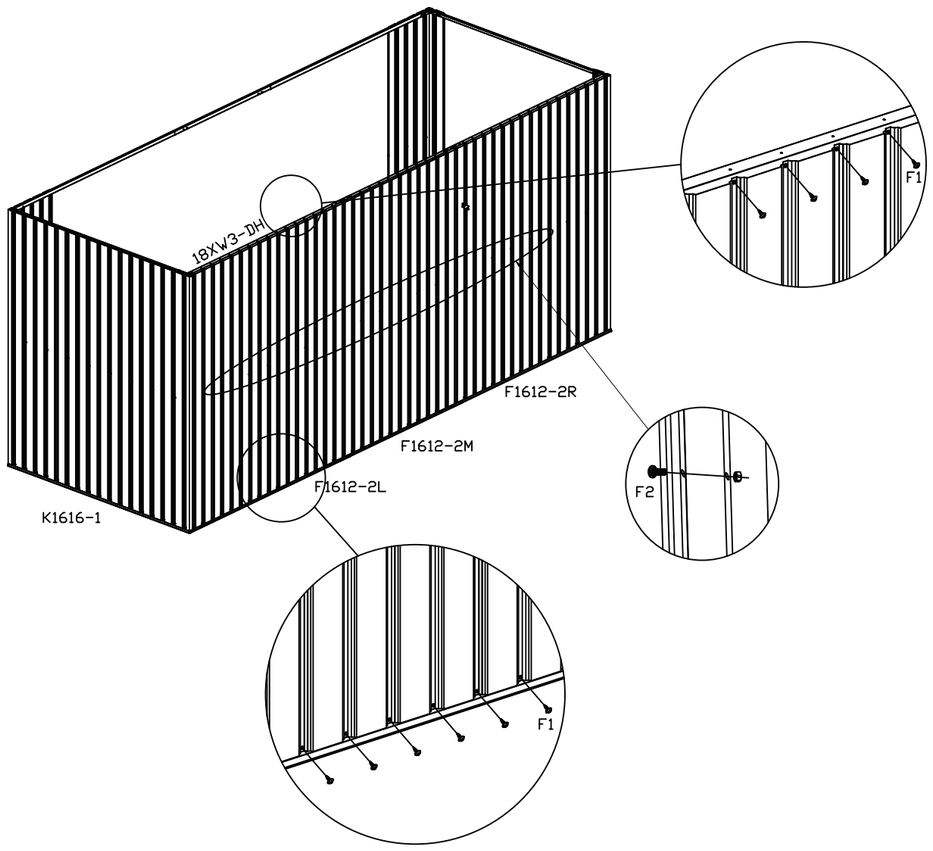

| PART | NO. | QTY |
|---|---|---|
| | W3-DH | 7 |
| | F1 | 30 |
| | F2 | 8 |
| F1:ST4.2*10 F2:M4*10 | | |



| PART | NO. | QTY |
|---|---|---|
| | W3-DH | 18 |
| | F1 | 74 |
| | F2 | 19 |
| F1:ST4.2*10 F2:M4*10 | | |

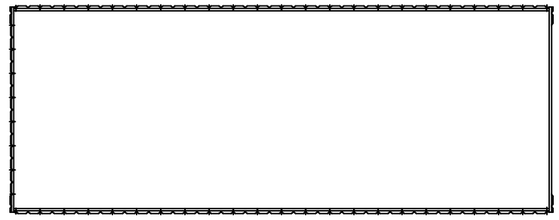


18XW3-DH

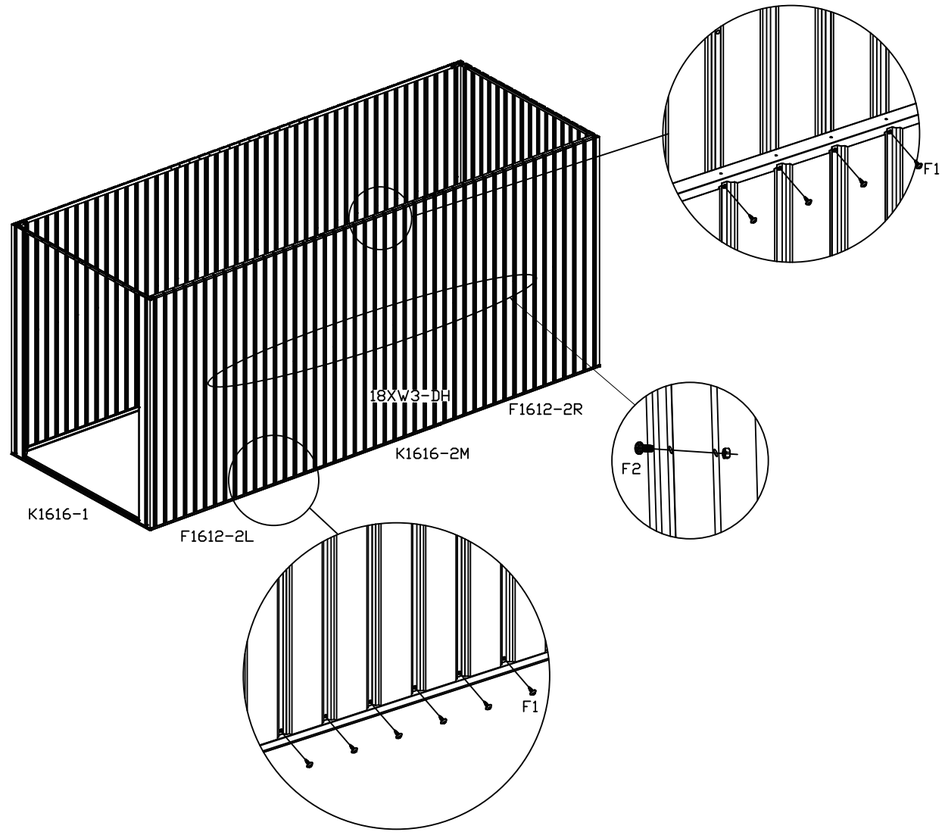


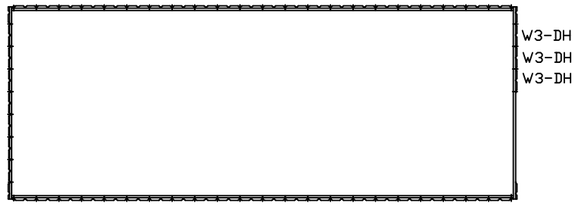



18XW3-DH

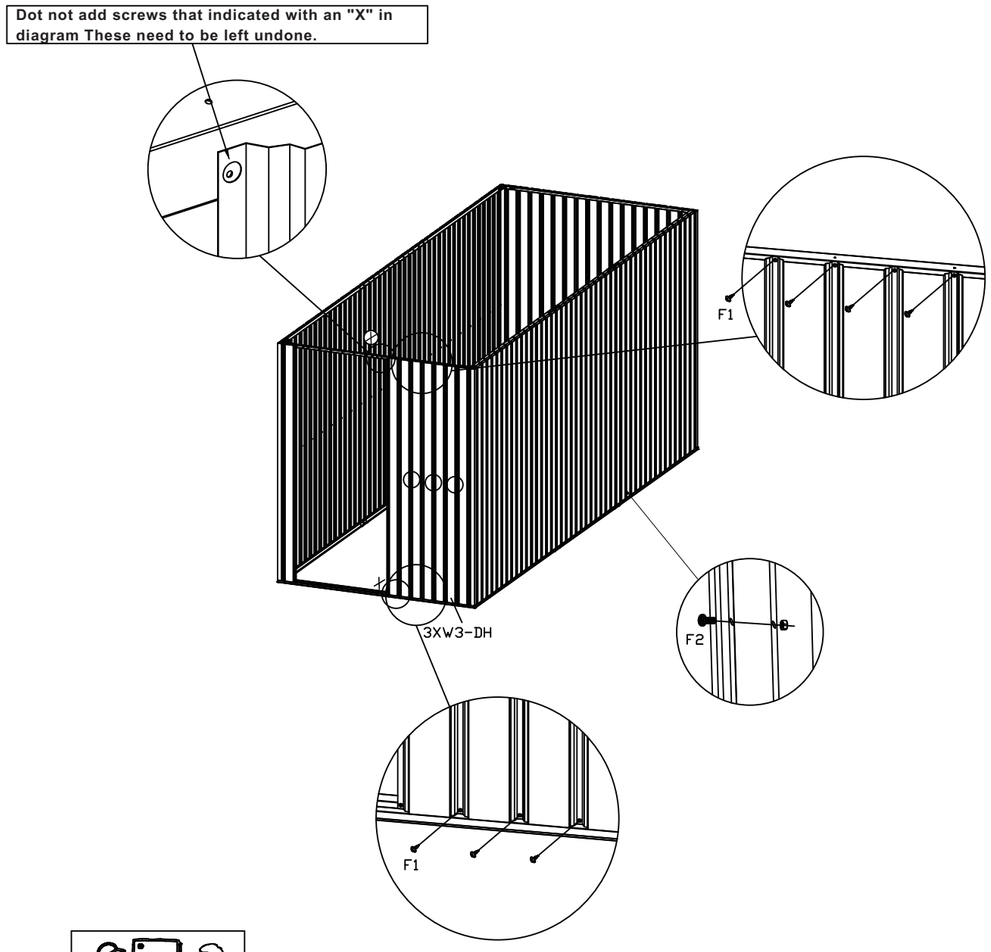


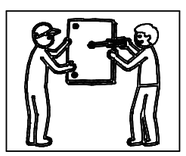
| PART | NO. | QTY |
|---|---|---|
| | W3-DH | 18 |
| | F1 | 74 |
| | F2 | 19 |
| F1:ST4.2*10 F2:M4*10 | | |






| PART | NO. | QTY |
|---|---|---|
| | W3-DH | 3 |
| | F1 | 12 |
| | F2 | 3 |
| F1:ST4.2*10 F2:M4*10 | | |

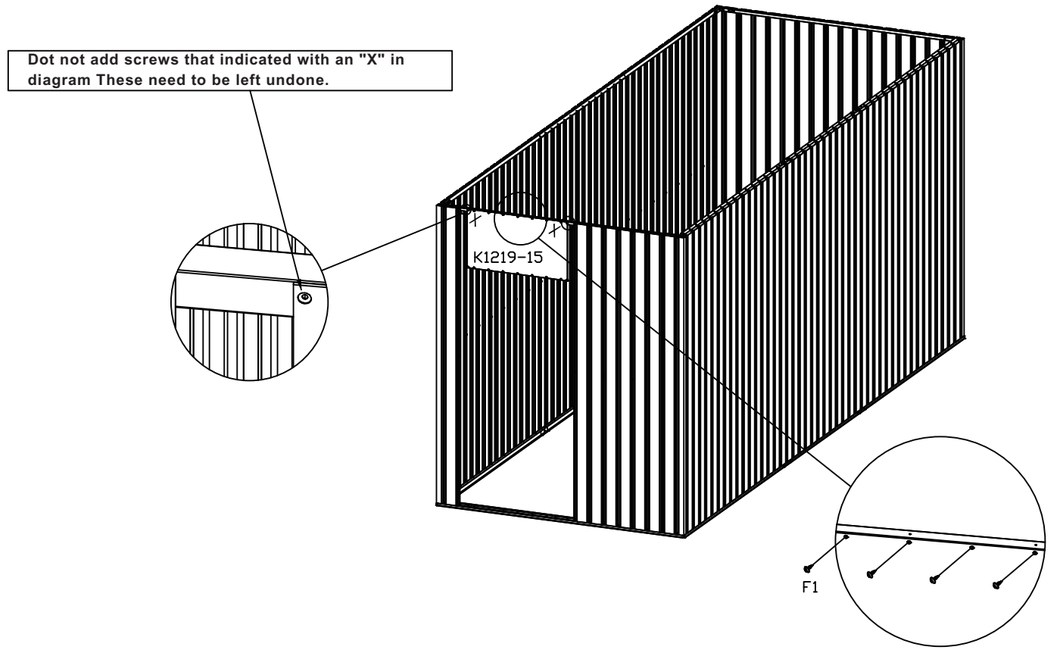


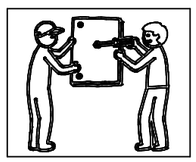



This step requires two people to complete the installation together.

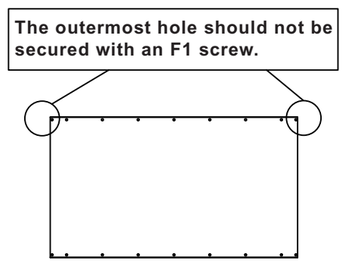


| PART | NO. | QTY |
|---|---|---|
| | K1219-15 | 1 |
| | F1 | 7 |
| F1:ST4.2*10 | | |



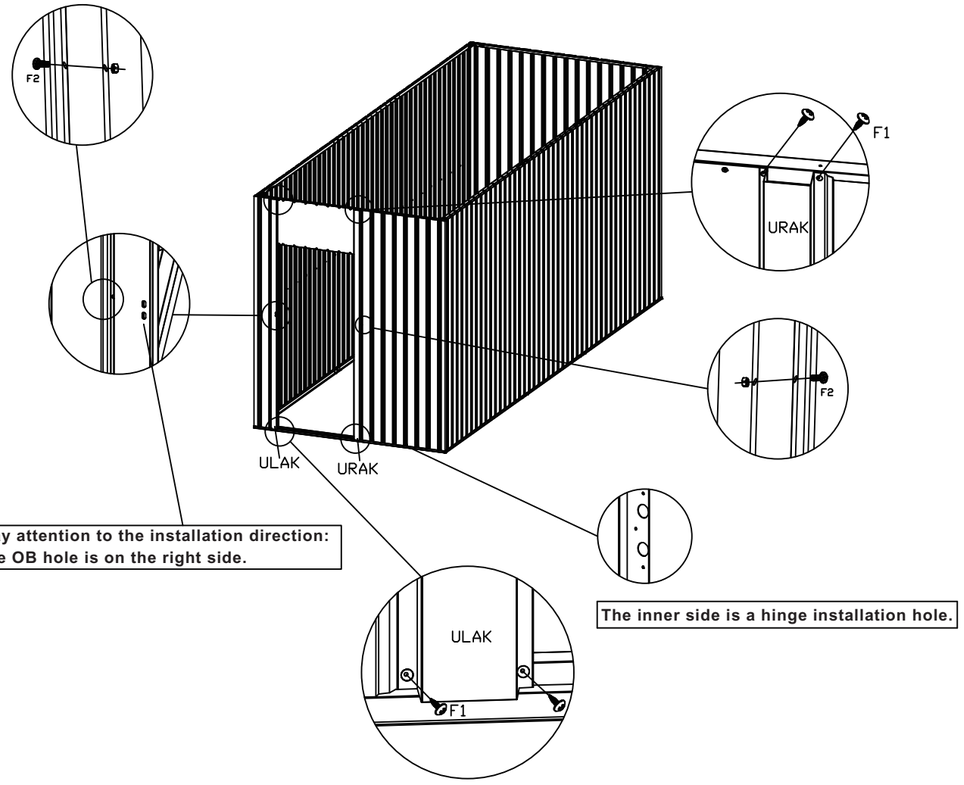



This step requires two people to complete the installation together.



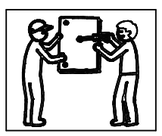



| PART | NO. | QTY |
|---|---|---|
| | ULAK | 1 |
| | URAK | 1 |
| | F1 | 8 |
| | F2 | 2 |
| F1:ST4.2*10 F2:M4*10 | | |




**Pay attention to the installation direction: the OB hole is on the right side.**

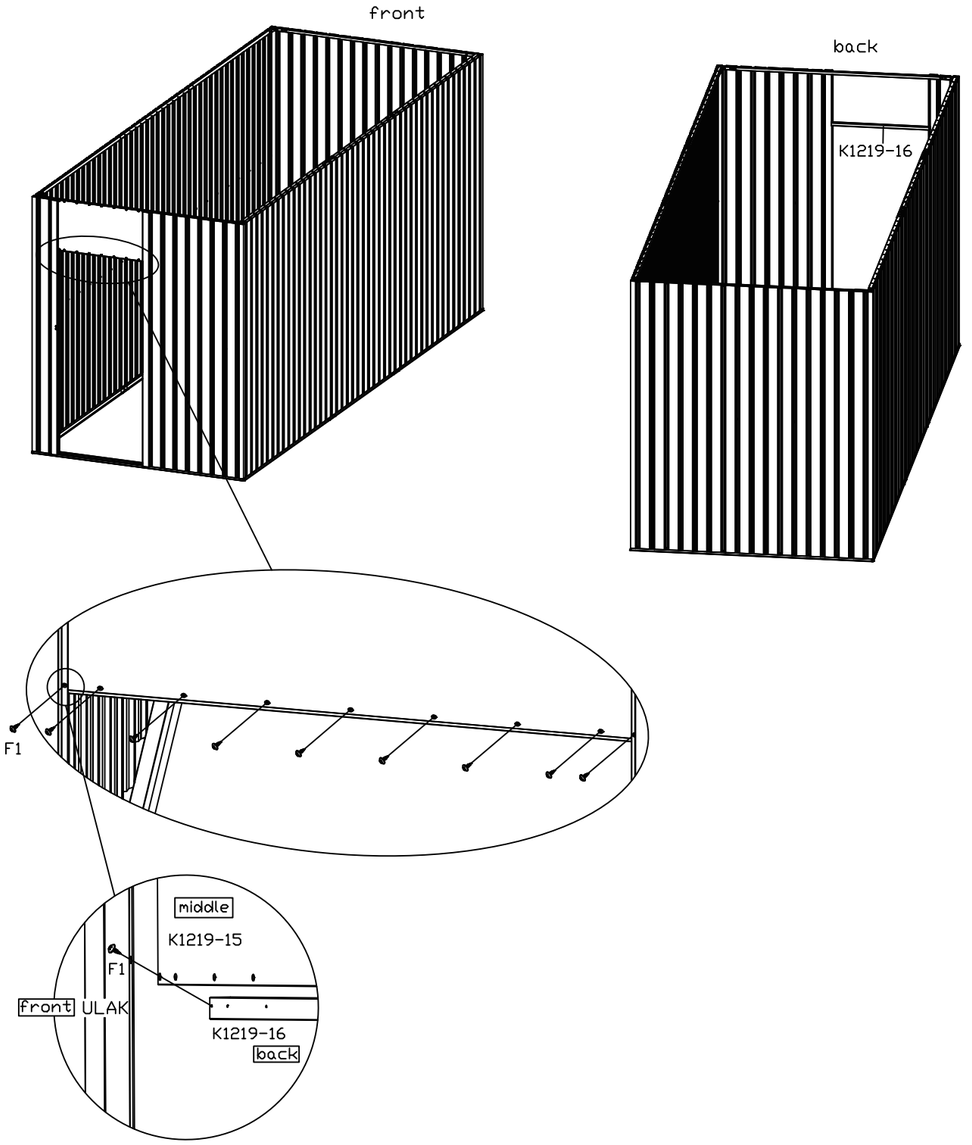
**The inner side is a hinge installation hole.**



This step requires two people to complete the installation together.

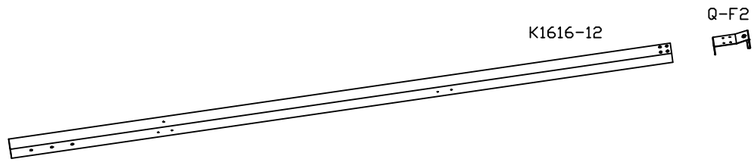


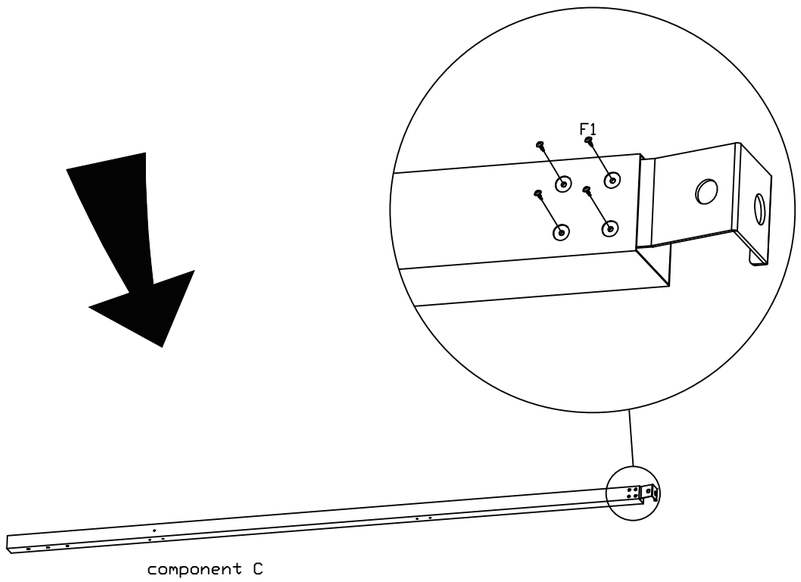
| PART | NO. | QTY |
|---|---|---|
| | K1219-16 | 1 |
| | F1 | 9 |
| F1:ST4.2*10 | | |



| PART | NO. | QTY |
|---|---|---|
|  | K1616-12 | 5 |
|  | Q-F2 | 5 |
|  | F1 | 20 |
| F1:ST4.2*10 | | |

5 groups

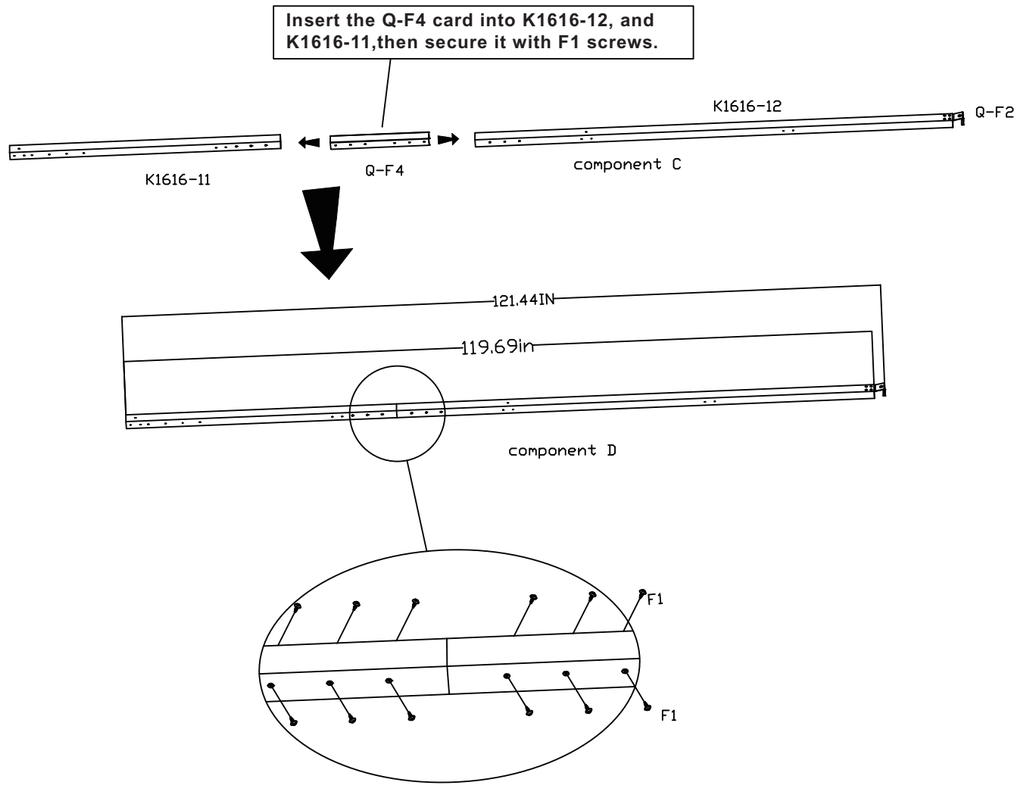





| PART | NO. | QTY |
|---|---|---|
|  | K1616-11 | 5 |
|  | Q-F4 | 5 |
|  | F1 | 60 |
| F1:ST4.2*10 | | |

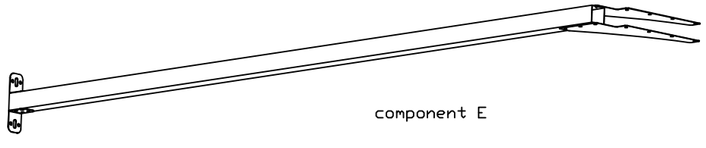
5 groups



5 groups

| PART | NO. | QTY |
|---|---|---|
|  | K1616-13 | 5 |
|  | Q-F3 | 10 |
|  | K310-18 | 10 |
|  | F1 | 70 |
| F1:ST4.2*10 | | |

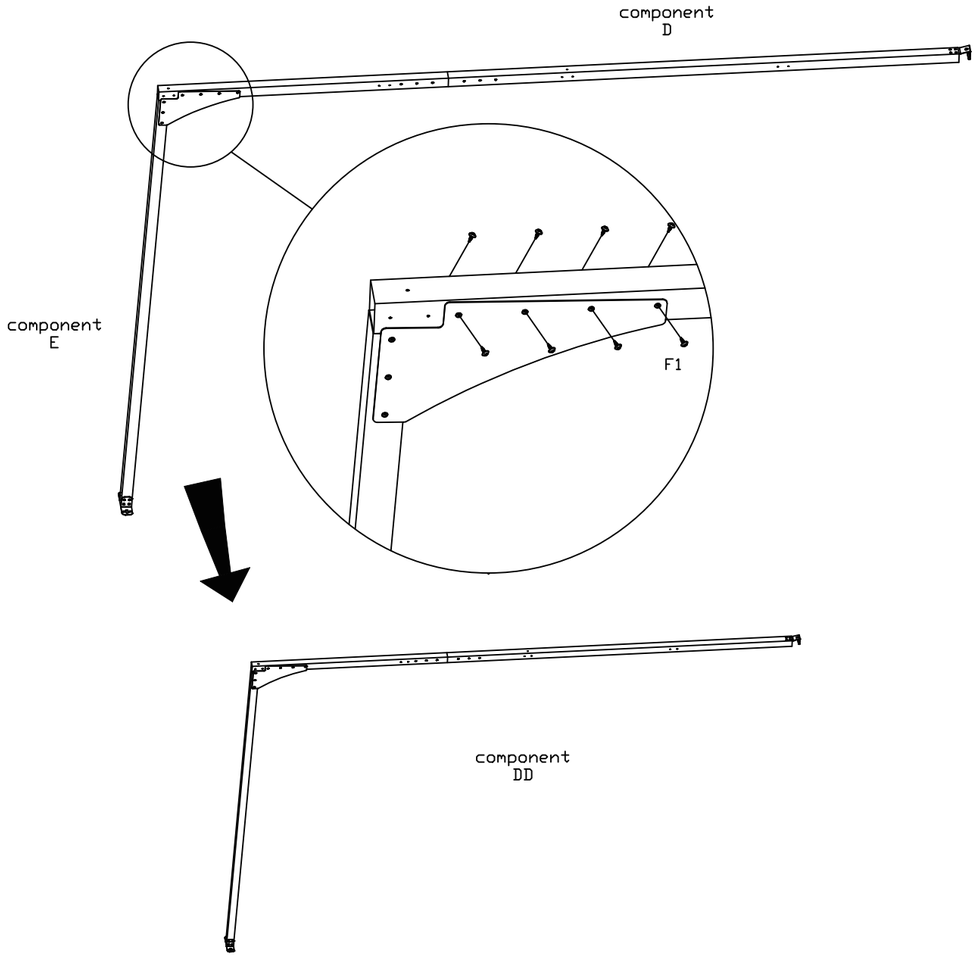





5 groups

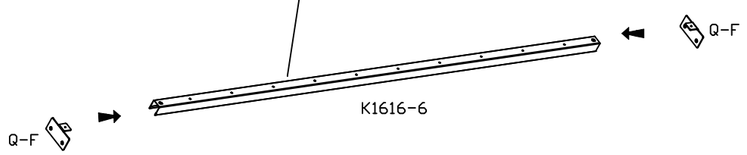
| PART | NO. | QTY |
|---|---|---|
|  | component D | 5 |
|  | component E | 5 |
|  | F1 | 40 |
| F1:ST4.2*10 | | |

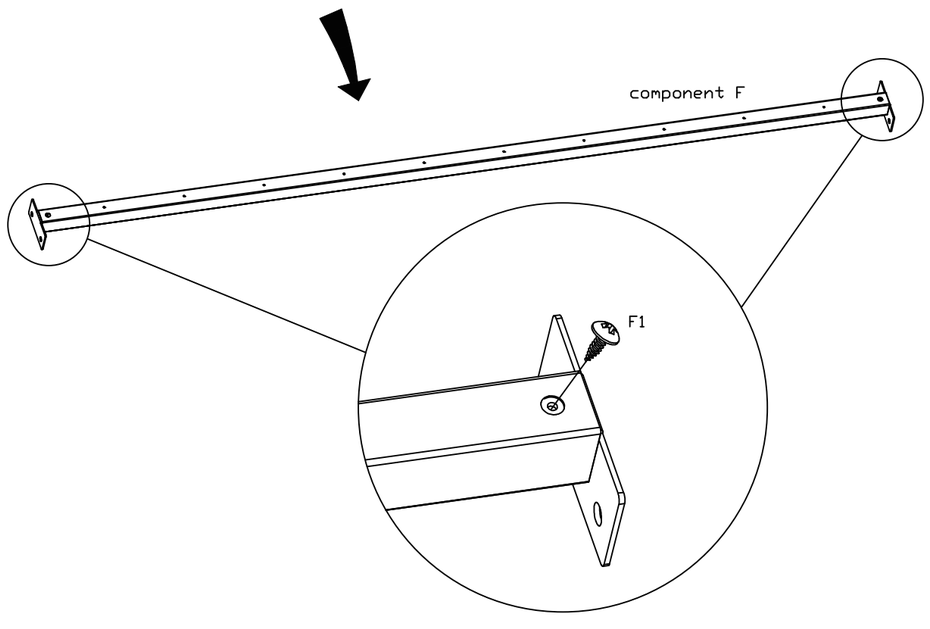


16 groups

| PART | NO. | QTY |
|---|---|---|
|  | K1616-6 | 16 |
|  | Q-F | 32 |
|  | F1 | 32 |
| F1:ST4.2*10 | | |

**Insert the Q-F card into K1616-6, then secure it with F1 screws.**

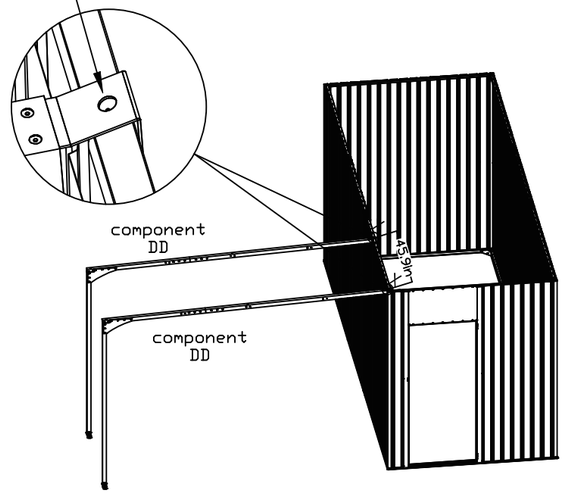


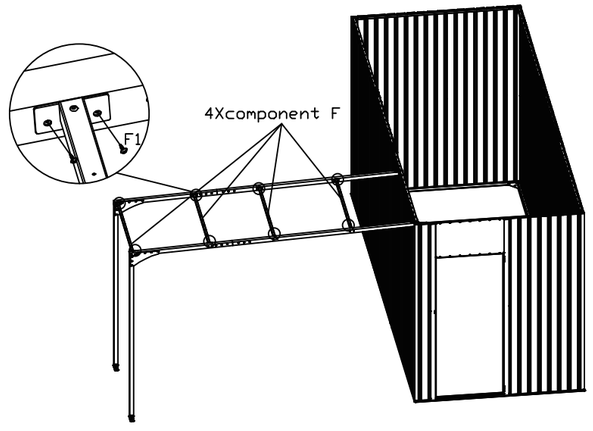



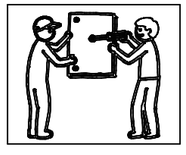



| PART | NO. | QTY |
|---|---|---|
|  | component F | 4 |
|  | component DD | 2 |
|  | F1 | 16 |
| F1:ST4.2*10 | | |

**Dot not add screws that indicated with an "X" in diagram These need to be left undone.**



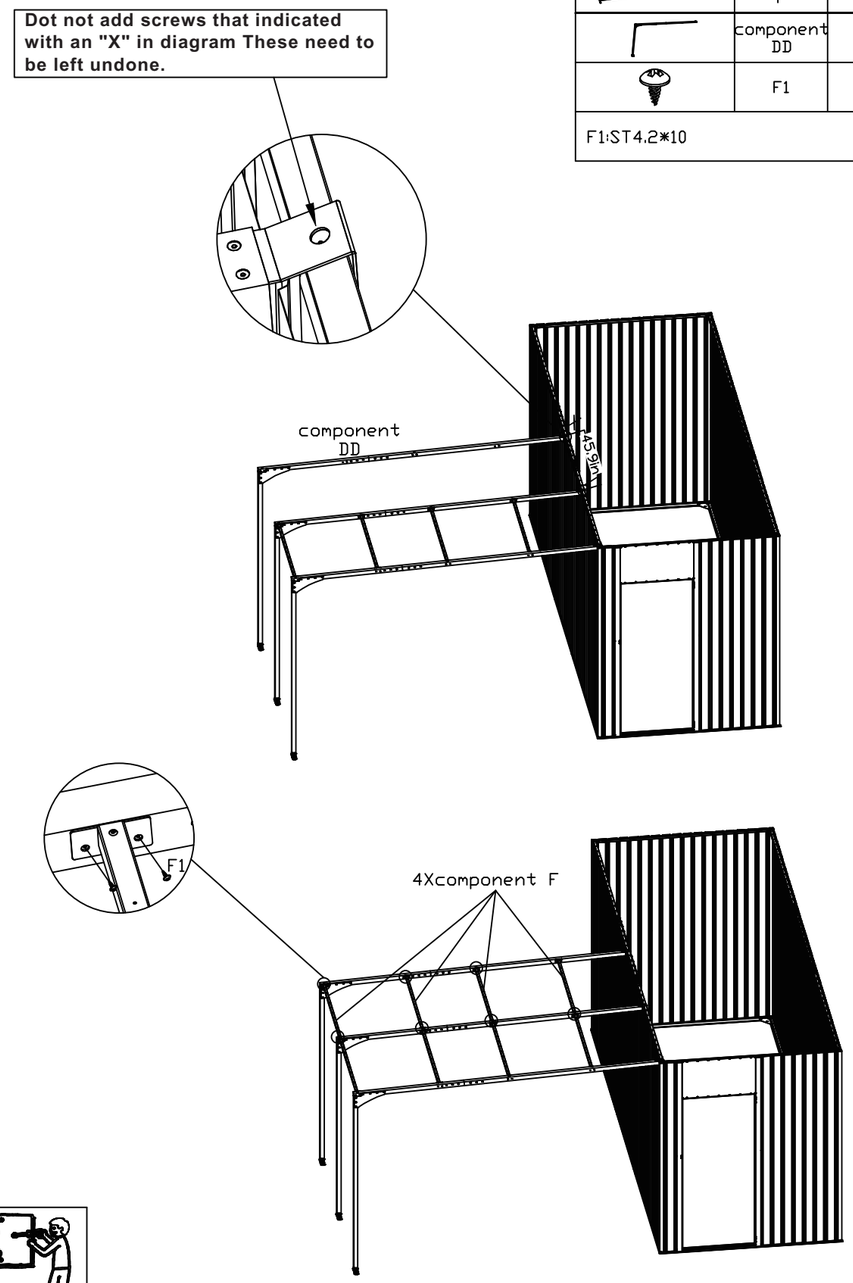



This step requires two people to complete the installation together.

| PART | NO. | QTY |
|---|---|---|
| | component F | 4 |
| | component DD | 1 |
| | F1 | 16 |
| F1:ST4.2*10 | | |

Dot not add screws that indicated with an "X" in diagram These need to be left undone.



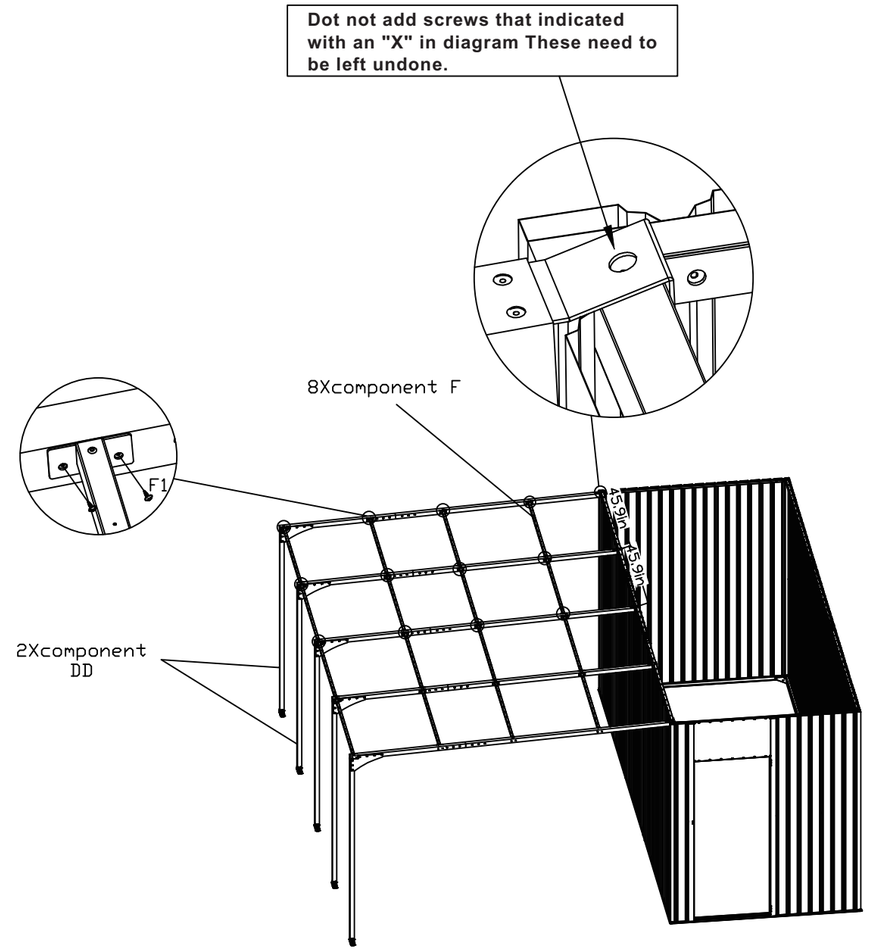


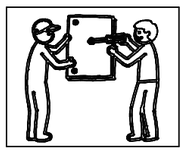

This step requires two people to complete the installation together.



| PART | NO. | QTY |
|---|---|---|
| | component F | 8 |
| | component DD | 2 |
| | F1 | 32 |
| F1:ST4.2*10 | | |

Dot not add screws that indicated with an "X" in diagram These need to be left undone.



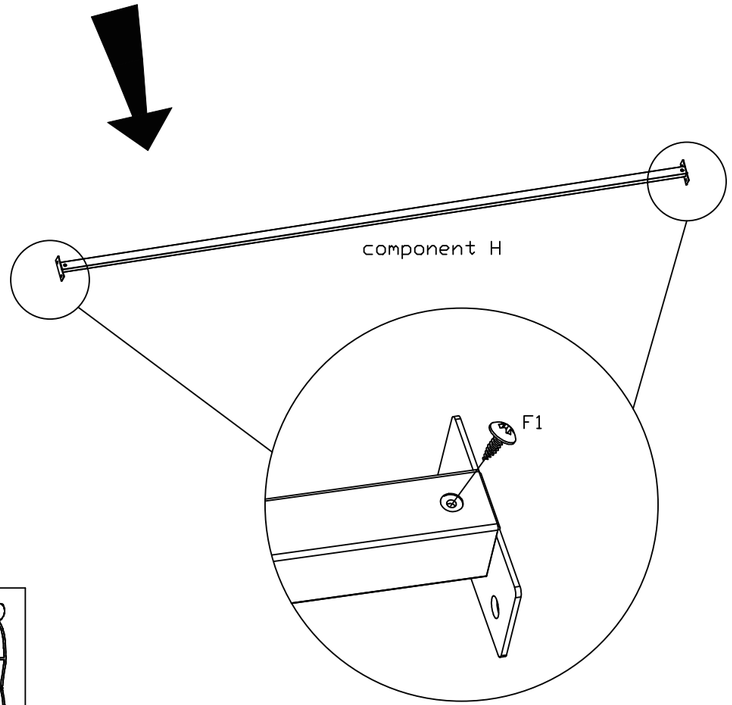
This step requires two people to complete the installation together.

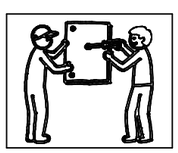
2 groups

| PART | NO. | QTY |
|---|---|---|
| | K1616-14 | 2 |
| | Q-F | 4 |
| | F1 | 4 |
| F1:ST4.2*10 | | |

**Insert the Q-F card into K1612-6, then secure it with F1 screws.**



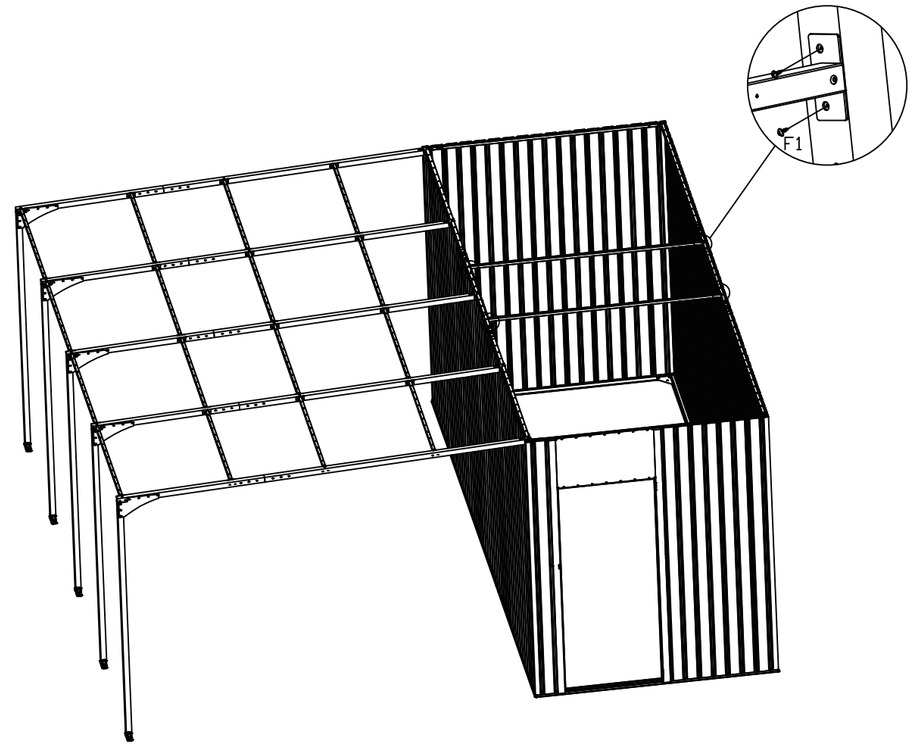



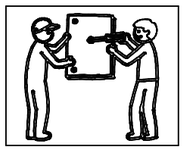



This step requires two people to complete the installation together.



| PART | NO. | QTY |
|---|---|---|
| | component H | 2 |
| | F1 | 8 |
| F1:ST4.2*10 | | |

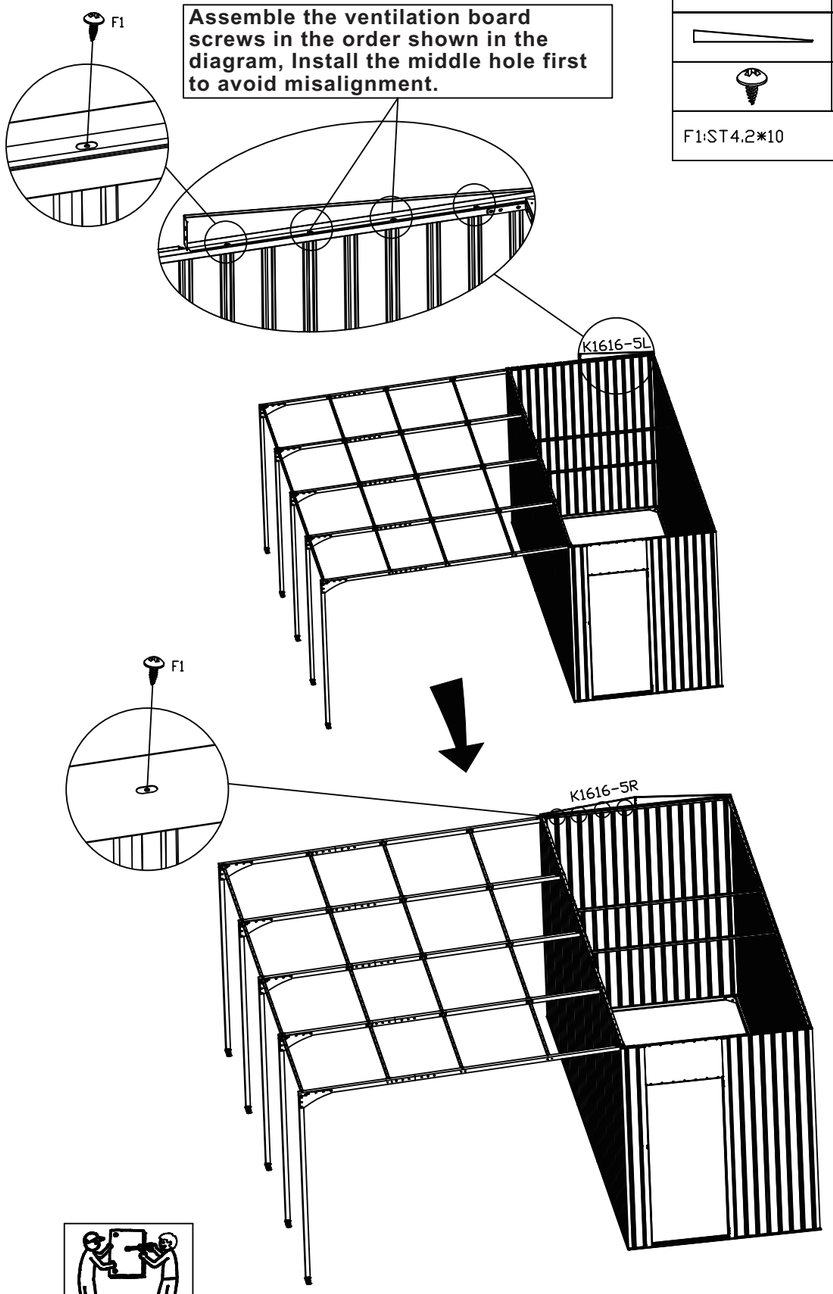


This step requires two people to complete the installation together.

| PART | NO. | QTY |
|---|---|---|
| | K1616-5L | 1 |
| | K1616-5R | 1 |
| | F1 | 8 |
| F1:ST4.2*10 | | |

**Assemble the ventilation board screws in the order shown in the diagram, Install the middle hole first to avoid misalignment.**



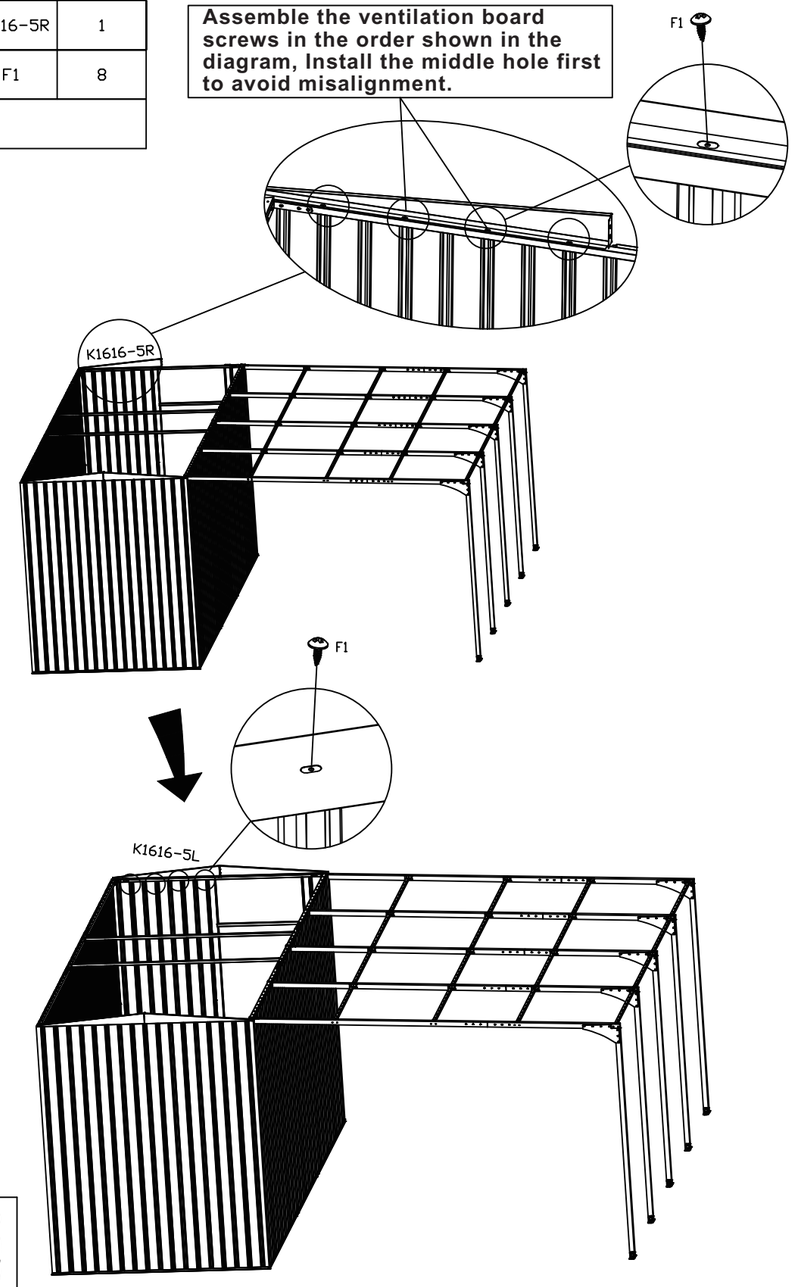


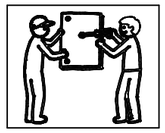

This step requires two people to complete the installation together.



| PART | NO. | QTY |
|---|---|---|
| | K1616-5L | 1 |
| | K1616-5R | 1 |
| | F1 | 8 |
| F1:ST4.2*10 | | |

**Assemble the ventilation board screws in the order shown in the diagram, Install the middle hole first to avoid misalignment.**



This step requires two people to complete the installation together.

# Shed Top Assemble

| PART | NO. | QTY |
|---|---|---|
|  | F1612-6M | 4 |
|  | F1612-6MM | 2 |
|  | F2 | 14 |
| F2:M4*10 | | |




**K1612-6M has a smaller width and can be fitted into F1612-6MM.**






| PART | NO. | QTY |
|---|---|---|
|  | K1014-6L | 2 |
|  | K1014-6R | 2 |
|  | F2 | 16 |
| F2:M4*10 | | |



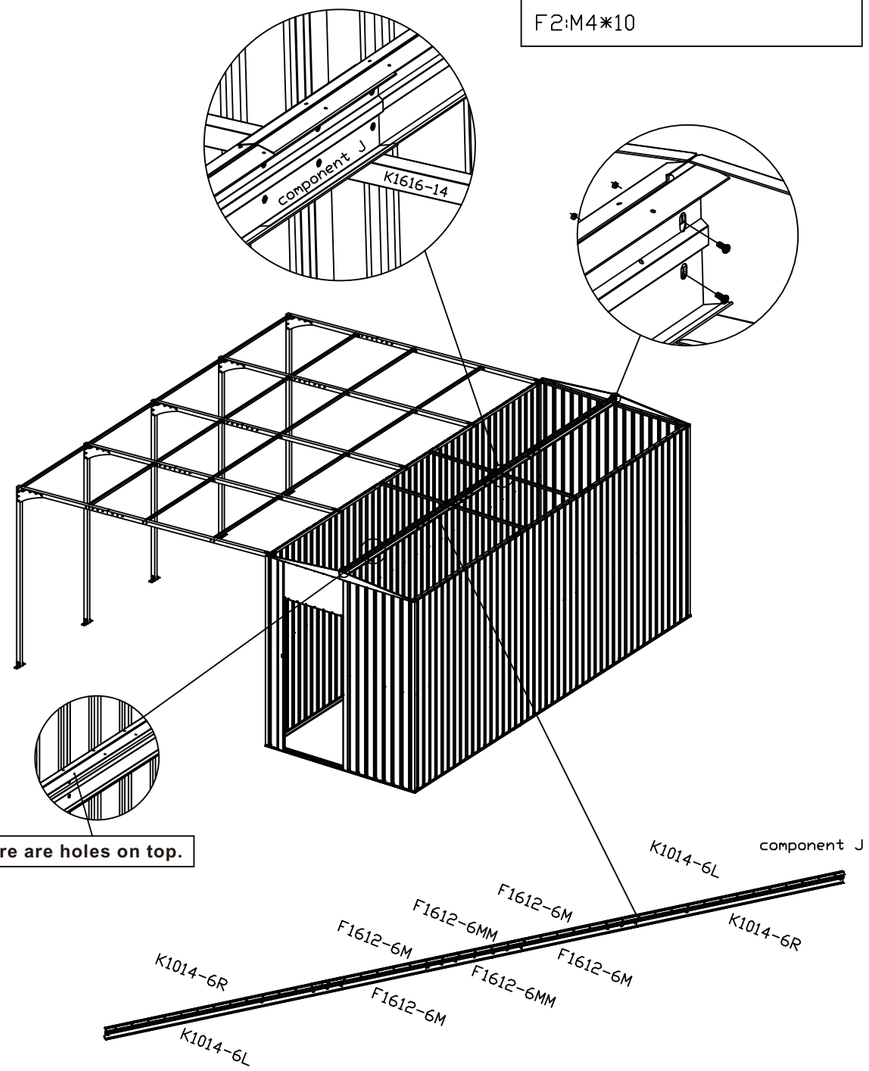

**F1612-6M has a smaller width and can be fitted into K1014-6R.**

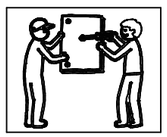



**F1612-6M has a smaller width and can be fitted into K1014-6L.**

| PART | NO. | QTY |
|---|---|---|
| | component J | 1 |
| | F2 | 4 |
| F2:M4*10 | | |

**K1616-14 is below component J.**

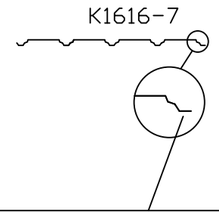


This step requires two people to complete the installation together.



| PART | NO. | QTY |
|---|---|---|
| | K1616-7 | 1 |
| | F1 | 3 |
| | V2 | 3 |
| F1:ST4.2*10 V2:Ø10*Ø4*1 | | |

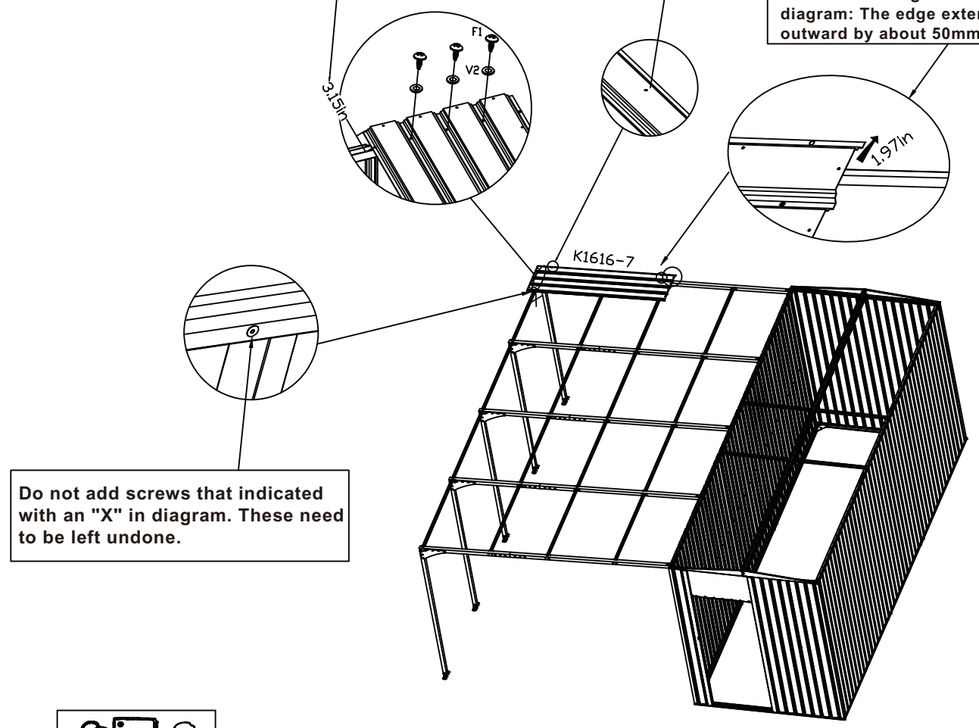



**This is the installation of flat edges and K1616-8A, otherwise, there will be interference phenomena.**

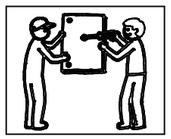
**Pay attention to the installation dimensions of the top cover plate.**

**Attention: There are small holes on the outside for assembly with K1616-8A.**

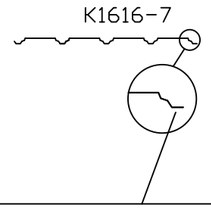
**Install according to the diagram: The edge extends outward by about 50mm.**




**Do not add screws that indicated with an "X" in diagram. These need to be left undone.**



This step requires two people to complete the installation together.



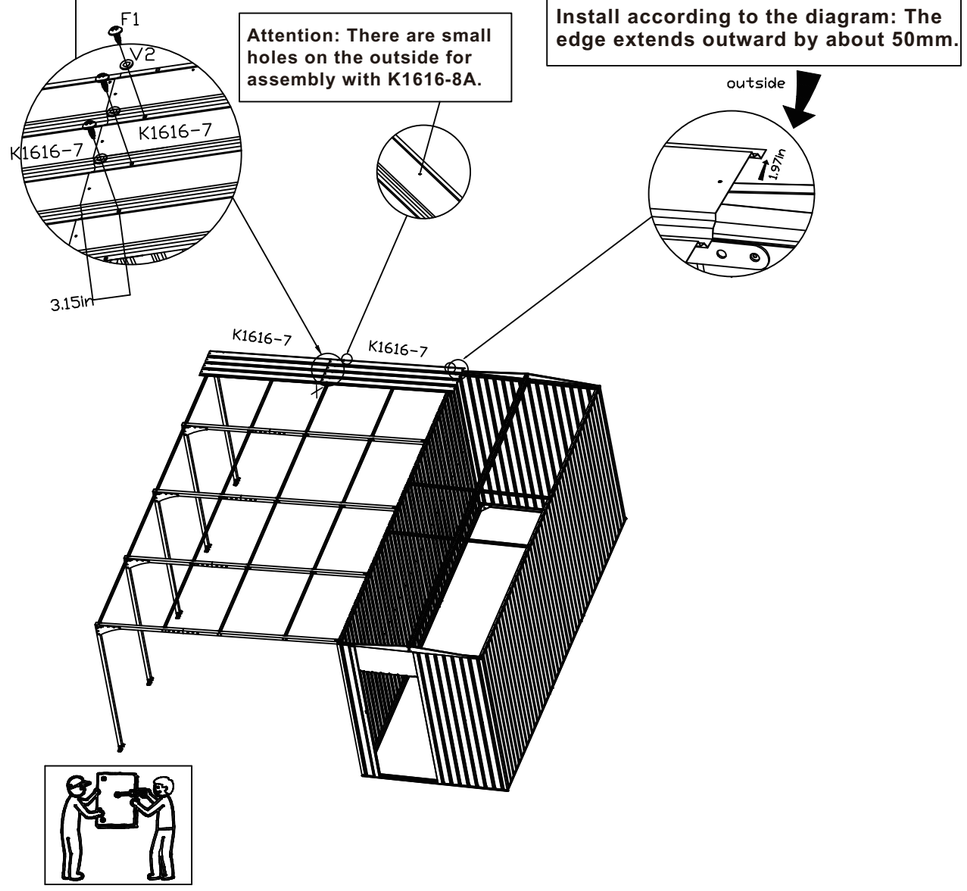

| PART | NO. | QTY |
|---|---|---|
| | K1616-7 | 1 |
| | F1 | 3 |
| | V2 | 3 |
| F1:ST4.2*10 V2:ø10*ø4*1 | | |

**This is the installation of flat edges and K1616-8A, otherwise, there will be interference phenomena.**

**K1616-7 panel is placed on top of the lower panel to prevent water leakage.**

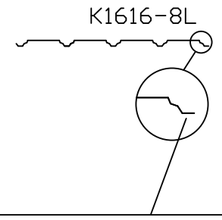
**Attention: There are small holes on the outside for assembly with K1616-8A.**

**Install according to the diagram: The edge extends outward by about 50mm.**




This step requires two people to complete the installation together.





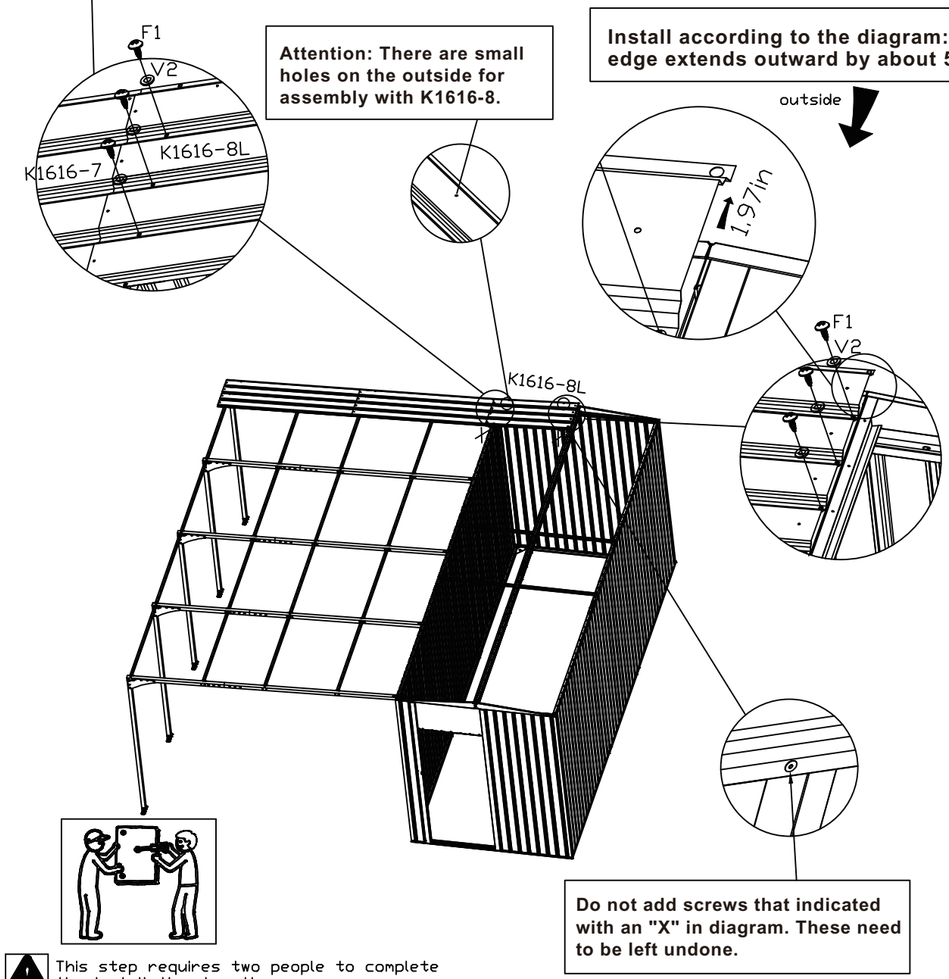

| PART | NO. | QTY |
|---|---|---|
| | K1616-8L | 1 |
| | F1 | 6 |
| | V2 | 6 |
| F1:ST4.2*10 V2:ø10*ø4*1 | | |

**This is the installation of flat edges and K1616-8, otherwise, there will be interference phenomena.**

**The pattern board is looking at 616-8L on top of K1616-7.**

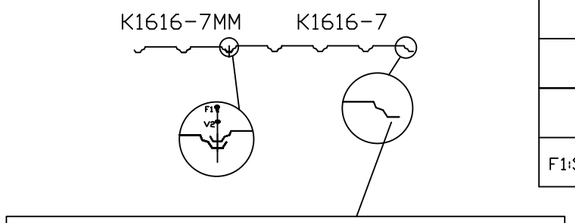
**Attention: There are small holes on the outside for assembly with K1616-8.**

**Install according to the diagram: The edge extends outward by about 50mm.**




This step requires two people to complete the installation together.

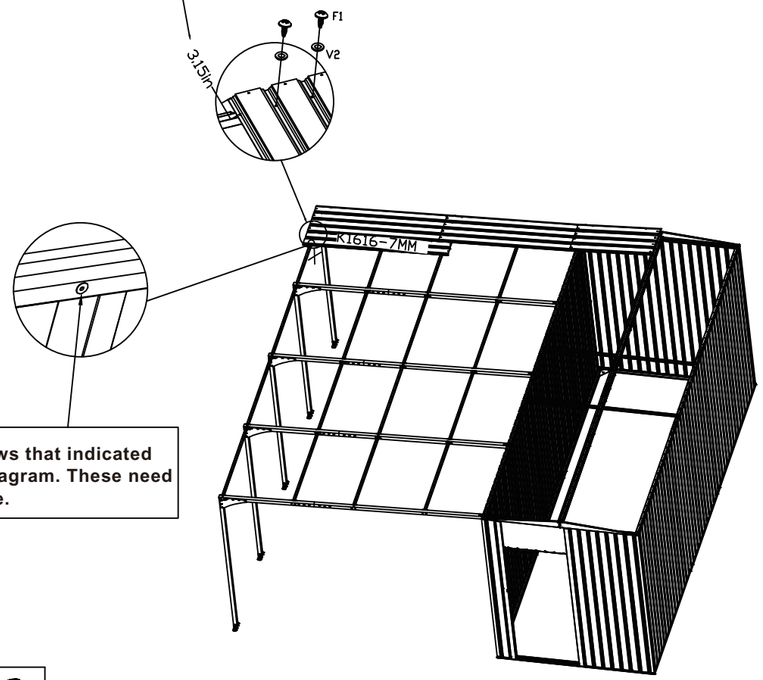
**Do not add screws that indicated with an "X" in diagram. These need to be left undone.**



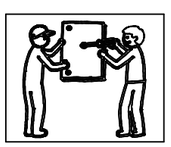

| PART | NO. | QTY |
|---|---|---|
| | K1616-7MM | 1 |
| | F1 | 2 |
| | V2 | 2 |
| F1:ST4.2*10 V2:ø10*ø4*1 | | |

**This is the installation of flat edges and K1616-8A, otherwise, there will be interference phenomena.**

**Pay attention to the installation dimensions of the top cover plate.**

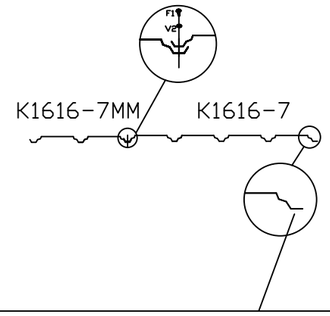



**Do not add screws that indicated with an "X" in diagram. These need to be left undone.**



This step requires two people to complete the installation together.

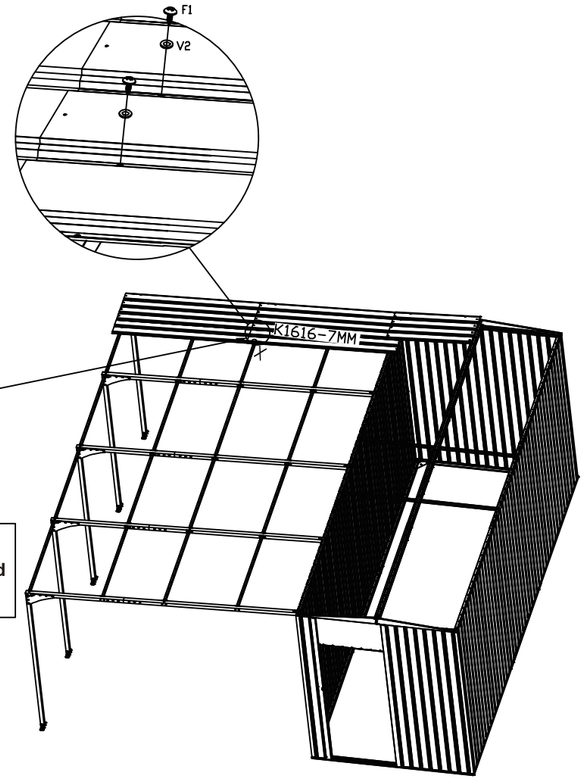




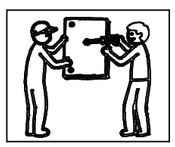

| PART | NO. | QTY |
|---|---|---|
| | K1616-7MM | 1 |
| | F1 | 2 |
| | V2 | 2 |
| F1:ST4.2*10 V2:ø10*ø4*1 | | |

**This is the installation of flat edges and K1616-8A, otherwise, there will be interference phenomena.**

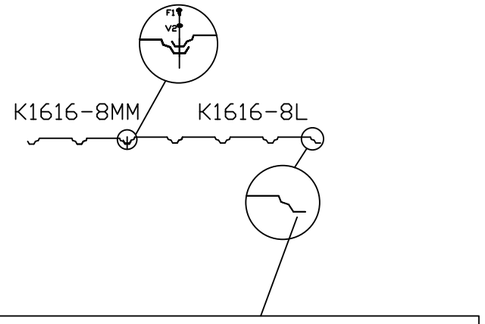
**K1616-7 panel is placed on top of the lower panel to prevent water leakage.**




**Do not add screws that indicated with an "X" in diagram. These need to be left undone.**

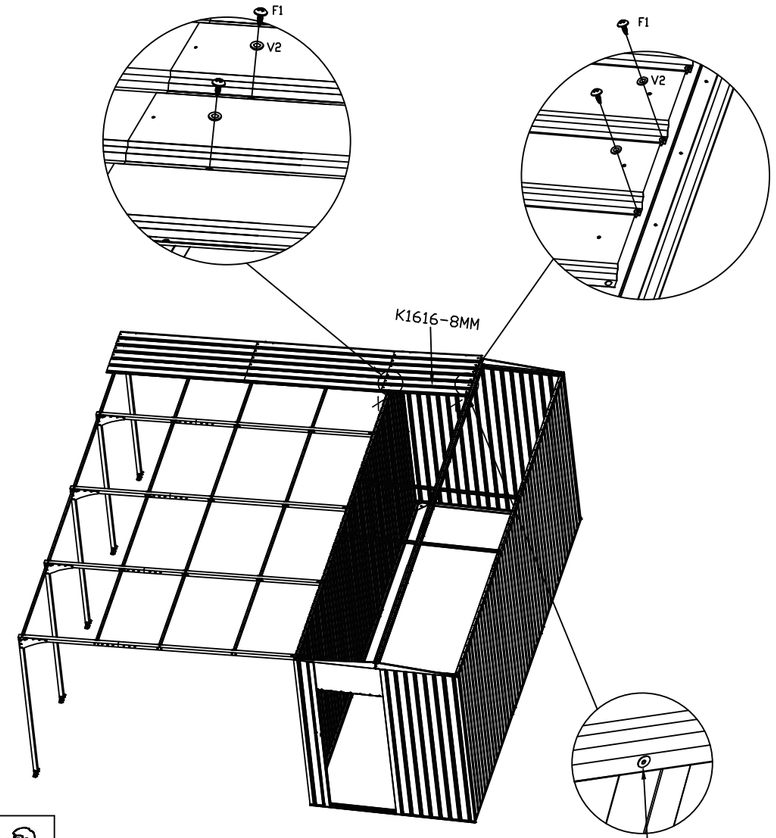


This step requires two people to complete the installation together.

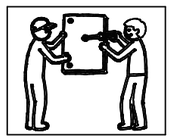



| PART | NO. | QTY |
|---|---|---|
| | K1616-8MM | 1 |
| | F1 | 4 |
| | V2 | 4 |
| F1:ST4.2*10 V2:Ø10*Ø4*1 | | |

**This is the installation of flat edges and K1616-8, otherwise, there will be interference phenomena.**

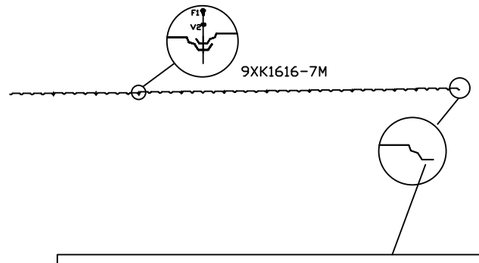



**Do not add screws that indicated with an "X" in diagram. These need to be left undone.**



This step requires two people to complete the installation together.

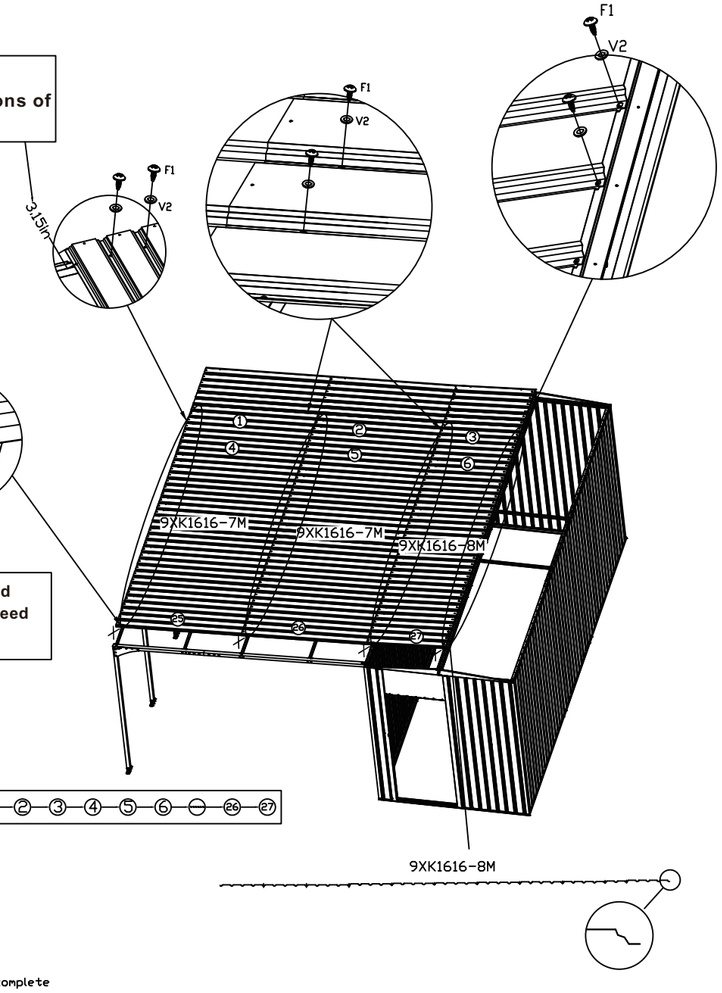





| PART | NO. | QTY |
|---|---|---|
| | K1616-7M | 18 |
| | K1616-8M | 9 |
| | F1 | 144 |
| | V2 | 144 |
| F1:ST4.2*10 V2:Ø10*Ø4*1 | | |

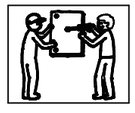
**This is the installation of flat edges and K1616-8A, otherwise, there will be interference phenomena.**

**Pay attention to the installation dimensions of the top cover plate.**

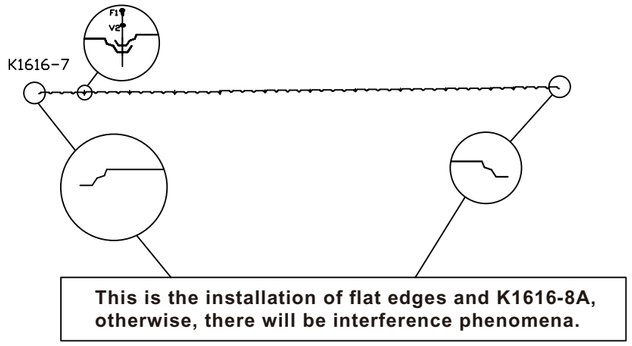



**Do not add screws that indicated with an "X" in diagram. These need to be left undone.**

**Installation sequence:** ① ② ③ ④ ⑤ ⑥ ⋯ ㉖ ㉗



This step requires two people to complete the installation together.

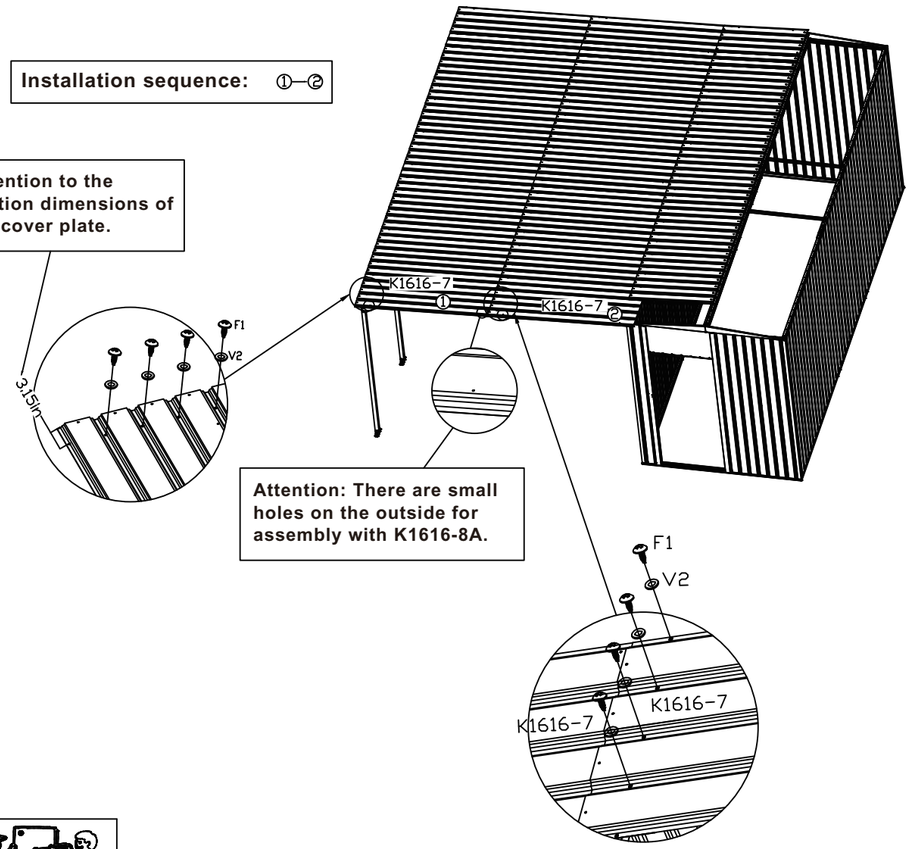



| PART | NO. | QTY |
|---|---|---|
| | K1616-7 | 2 |
| | F1 | 8 |
| | V2 | 8 |
| F1:ST4.2*10 V2:ø10*ø4*1 | | |

**This is the installation of flat edges and K1616-8A, otherwise, there will be interference phenomena.**

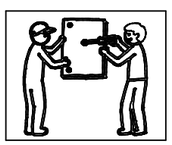
**Installation sequence: ①—②**

**Pay attention to the installation dimensions of the top cover plate.**



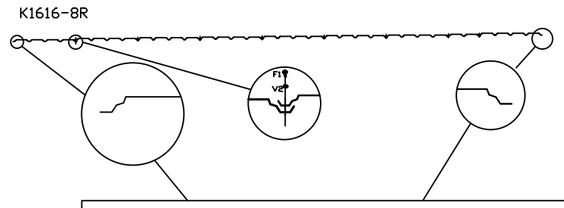

**Attention: There are small holes on the outside for assembly with K1616-8A.**

**K1616-7 panel is placed on top of the lower pane to prevent water leakage.**



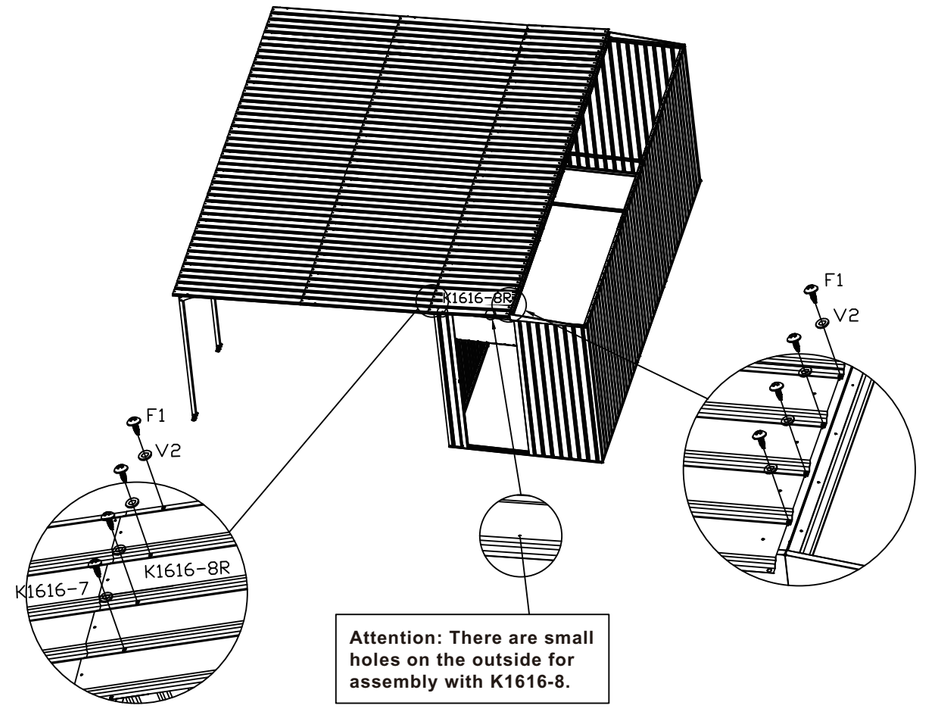
This step requires two people to complete the installation together.



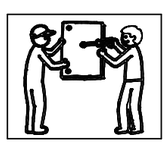



| PART | NO. | QTY |
|---|---|---|
| | K1616-8R | 1 |
| | F1 | 8 |
| | V2 | 8 |
| F1:ST4.2*10 V2:ø10*ø4*1 | | |

**This is the installation of flat edges and K1616-8, otherwise, there will be interference phenomena.**

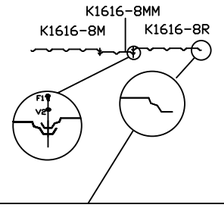



**Attention: There are small holes on the outside for assembly with K1616-8.**

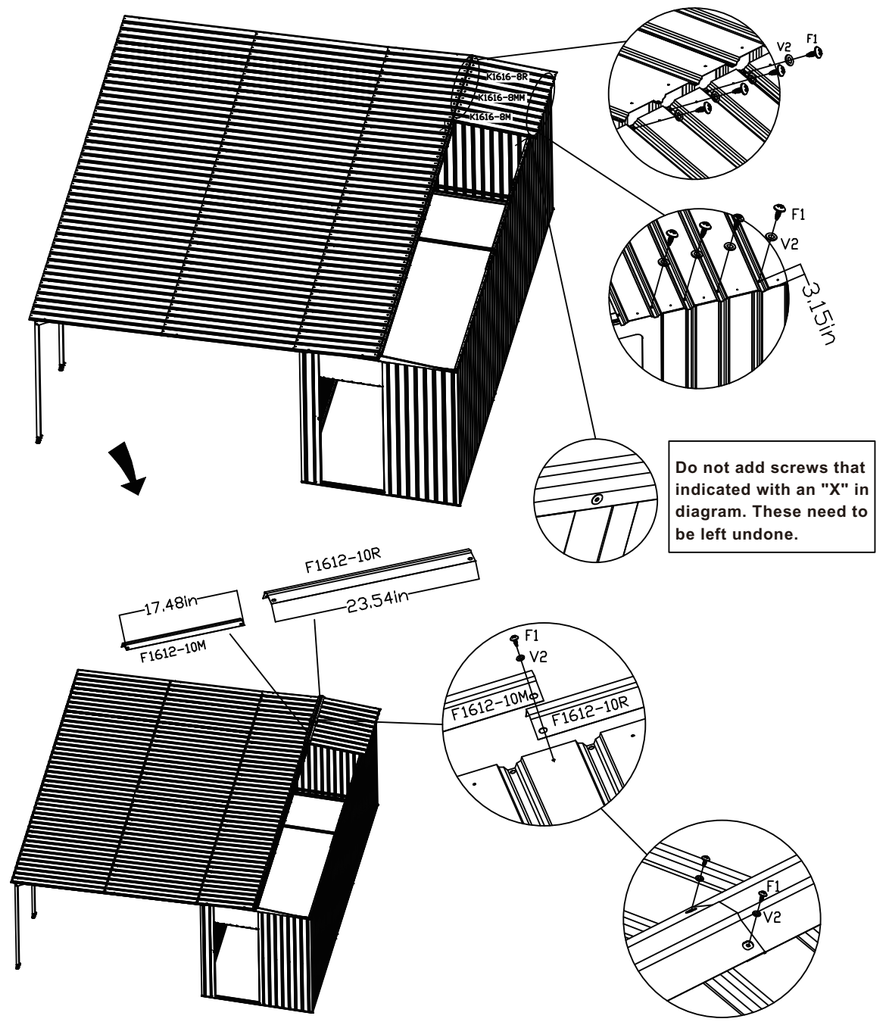


This step requires two people to complete the installation together.

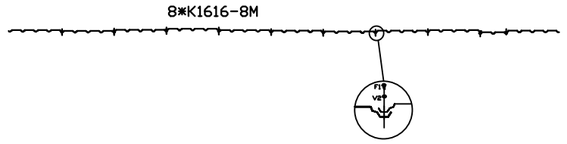
| PART | NO. | QTY |
|---|---|---|
| | K1616-8R | 1 |
| | K1616-8MM | 1 |
| | K1616-8M | 1 |
| | F1612-10R | 1 |
| | F1612-10M | 1 |
| | F1 | 20 |
| | V2 | 20 |
| F1:ST4.2*10 V2:Ø10*Ø4*1 | | |




**This is the installation of flat edges and K1616-8, otherwise, there will be interference phenomena.**

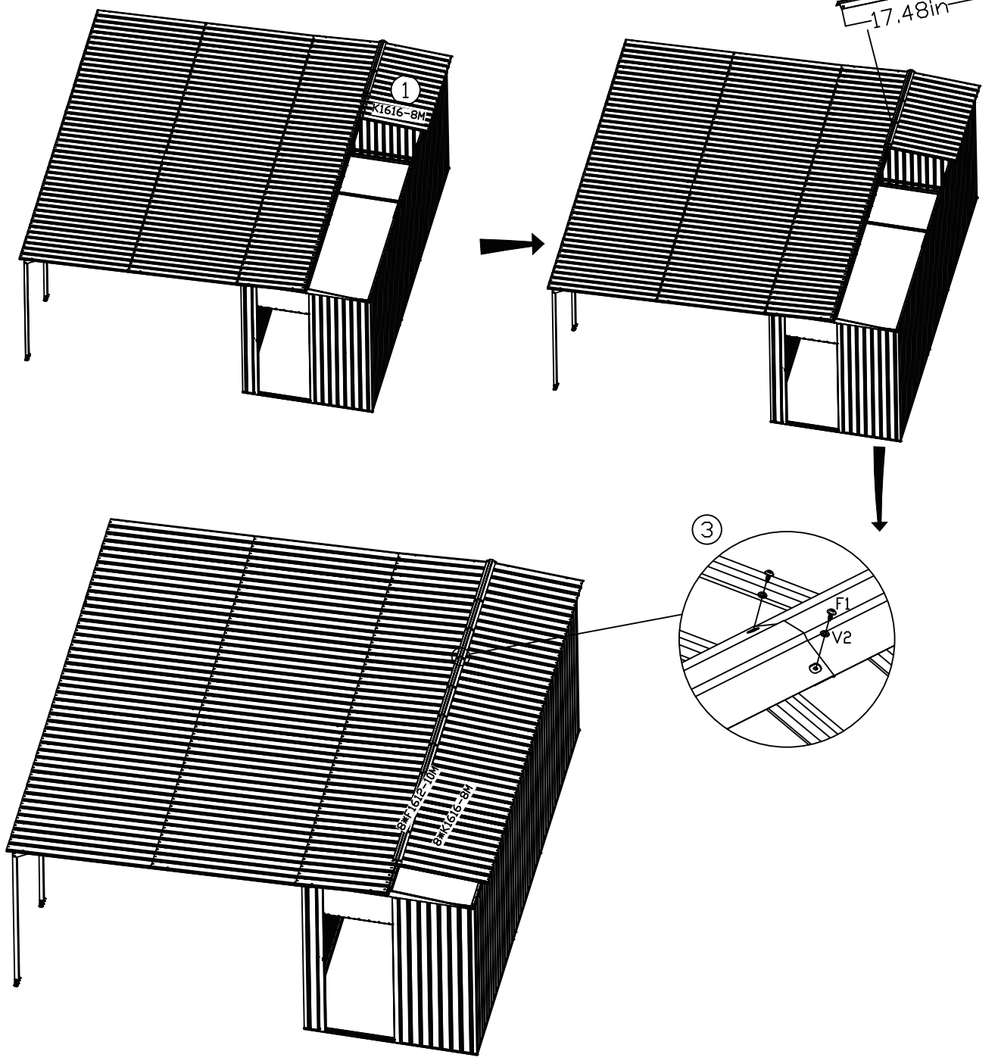




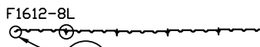




| PART | NO. | QTY |
|---|---|---|
| | K1616-8M | 8 |
| | F1612-10M | 8 |
| | F1 | 80 |
| | V2 | 80 |
| F1:ST4.2*10 V2:Ø10*Ø4*1 | | |

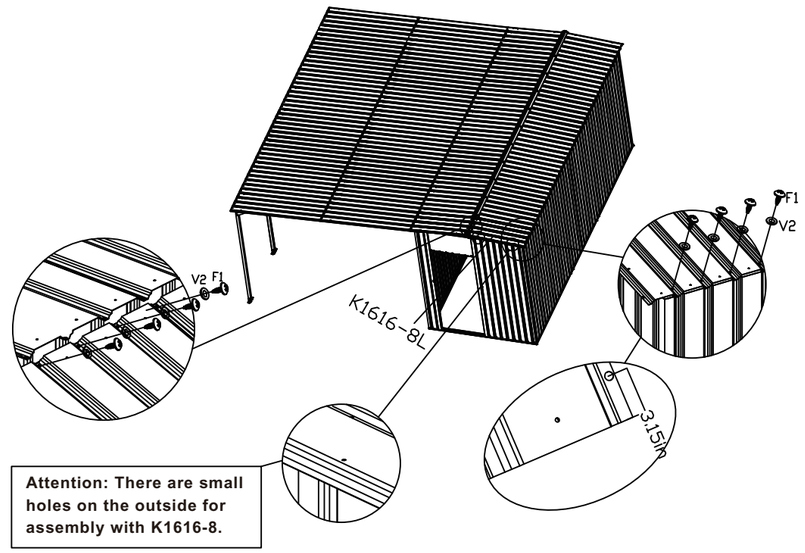
**Note:Installation sequence:** ① → ② → ③ **Repeat the process until installation is complete.**

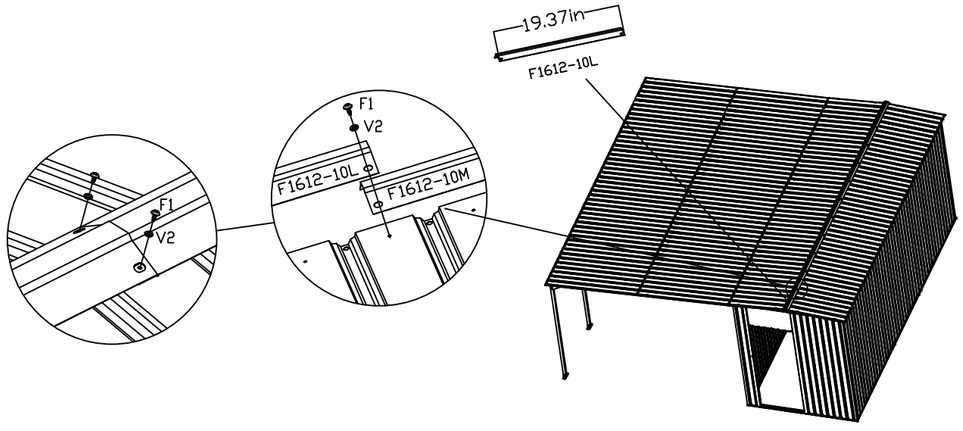


| PART | NO. | QTY |
|---|---|---|
|  | K1616-8L | 1 |
|  | F1612-10L | 1 |
|  | F1 | 10 |
|  | V2 | 10 |
| F1:ST4.2*10 V2:Ø10*Ø4*1 | | |



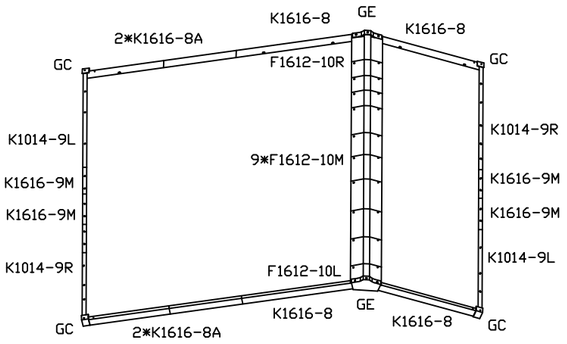

**This is the installation of flat edges and K1616-8, otherwise, there will be interference phenomena.**

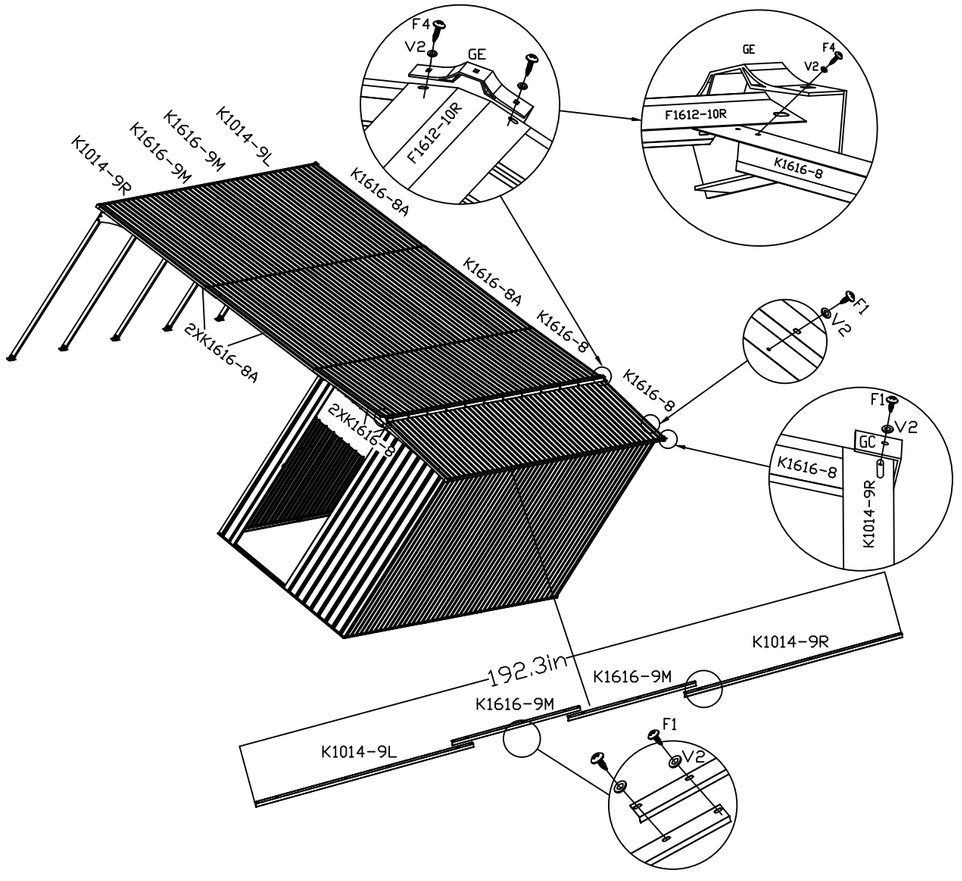




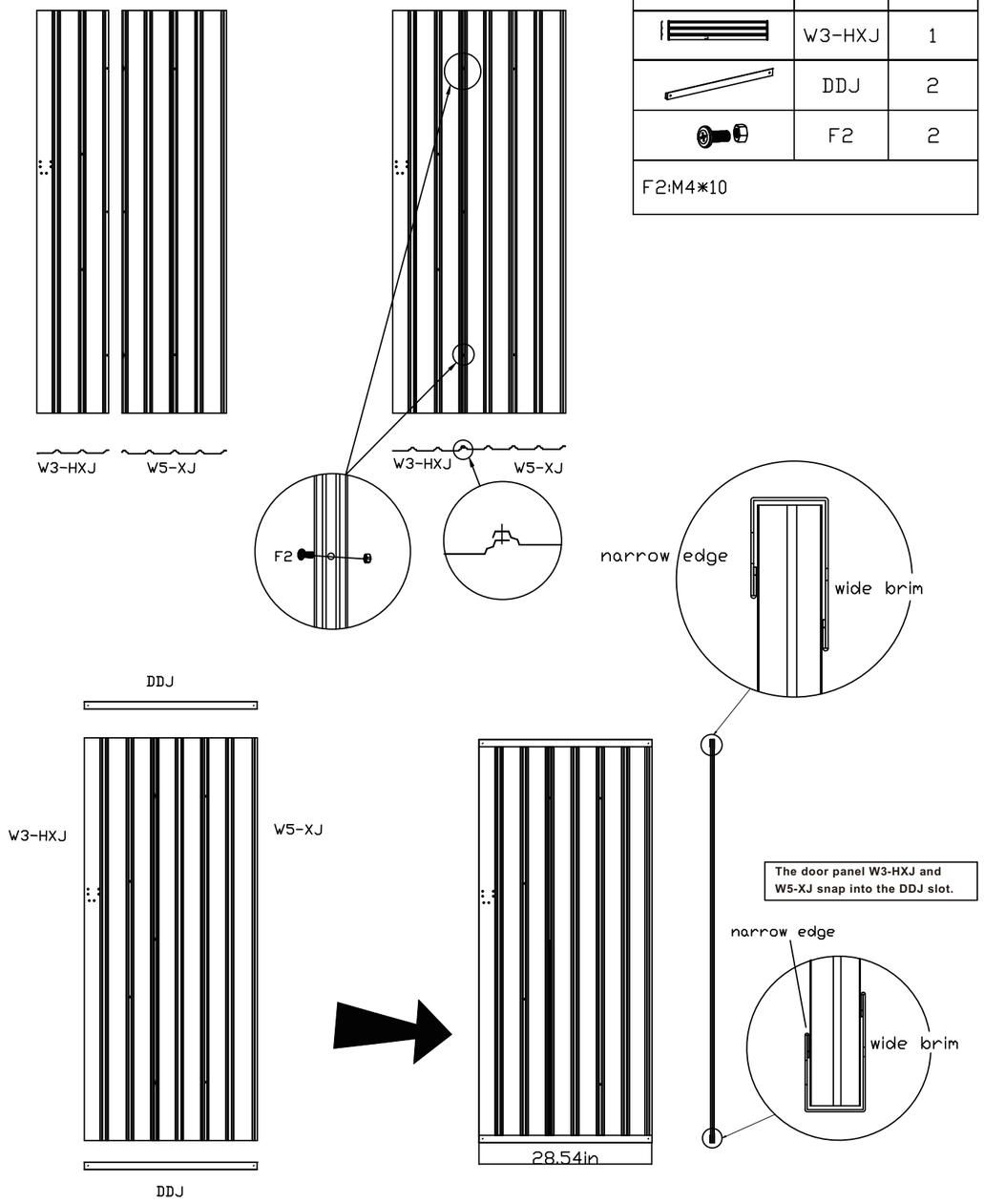

| PART | NO. | QTY |
|---|---|---|
|  | K1616-8 | 4 |
|  | K1616-8A | 4 |
|  | K1014-9L | 2 |
|  | K1616-9M | 4 |
|  | K1014-9R | 2 |
|  | GE | 2 |
|  | GC | 4 |
|  | F4 | 4 |
|  | F1 | 52 |
|  | V2 | 56 |
| F1:ST4.2*10 F4:ST4*16 V2:Ø10*Ø4*1 | | |



# Door Assemble

| PART | NO. | QTY. |
|---|---|---|
| | W5-XJ | 1 |
| | W3-HXJ | 1 |
| | DDJ | 2 |
| | F2 | 2 |
| F2:M4*10 | | |



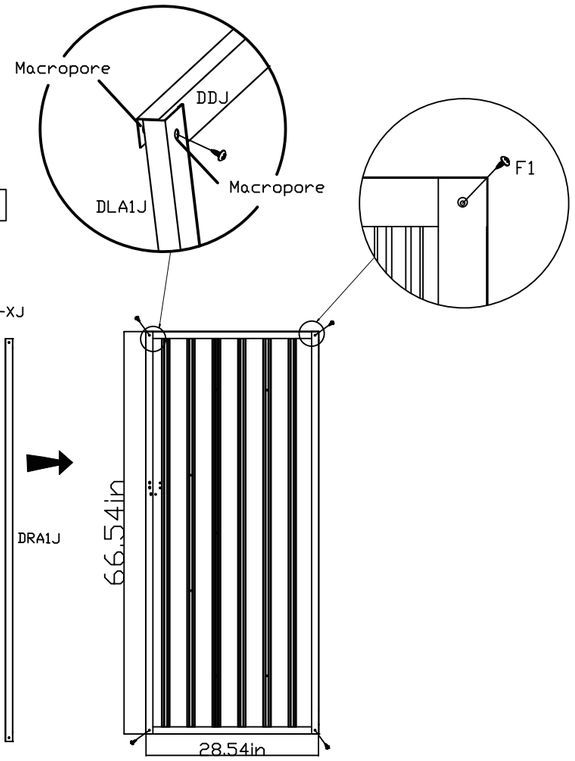



## Left door panel splicing

| PART | NO. | QTY. |
|---|---|---|
| | DRA1J | 1 |
| | DLA1J | 1 |
| | F1 | 4 |
| F1:ST4.2*10 | | |

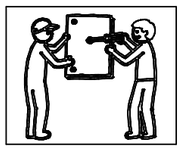
**positive**

**Big hole on the outside, small hole on the inside, connected with an F1 screw.**




**Front color-coated surface**



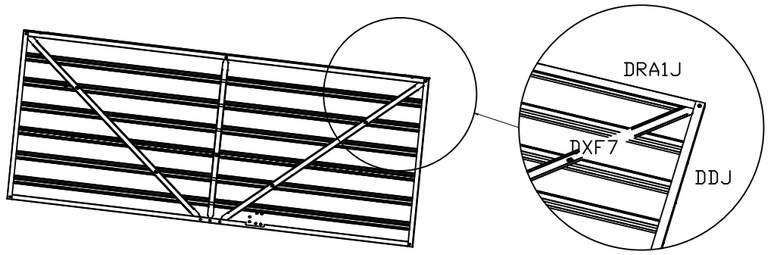
This step requires two people to complete the installation together.

| PART | NO. | QTY. |
|---|---|---|
|  | DXF7 | 2 |
|  | DXF2 | 1 |
|  | F1 | 8 |
|  | F2 | 4 |
| F1:ST4.2*10 F2:M4*10 | | |




**The two ends of the DXF2 and DXF7 crossbar must be assembled inside the door frame.**

**Attention: Installation sequence of stress** ① → ② → ③ → ④ → ⑤ → ⑥ → ⑦ → ⑧ → ⑨ → ⑩

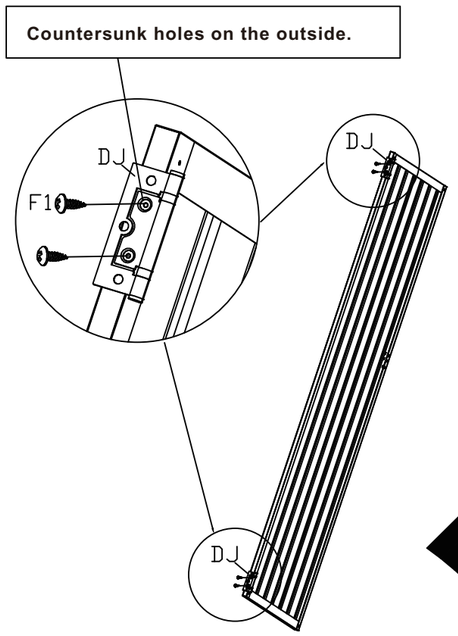


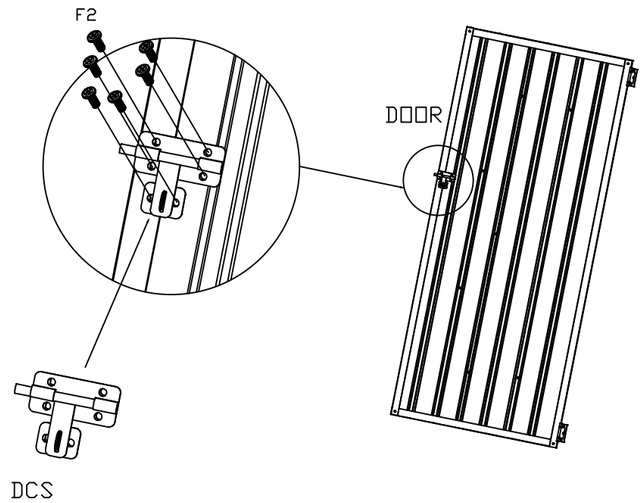

**The cross pole DXF7 must be installed underneath the inside.**



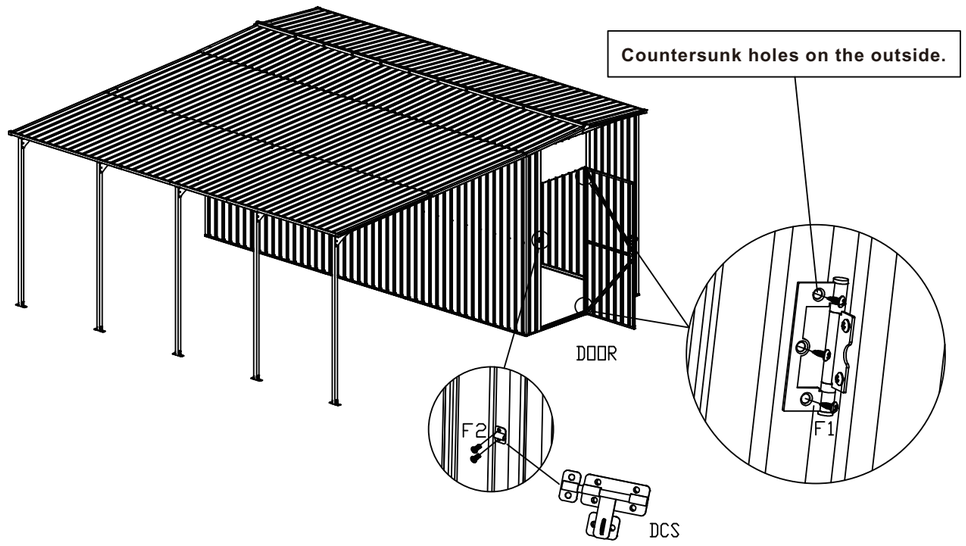
| PART | NO. | QTY. |
|---|---|---|
|  | DCS | 1 |
|  | DJ | 2 |
|  | F1 | 4 |
|  | F2 | 6 |
| F1:ST4.2*10 F2:M4*10 | | |

**Countersunk holes on the outside.**



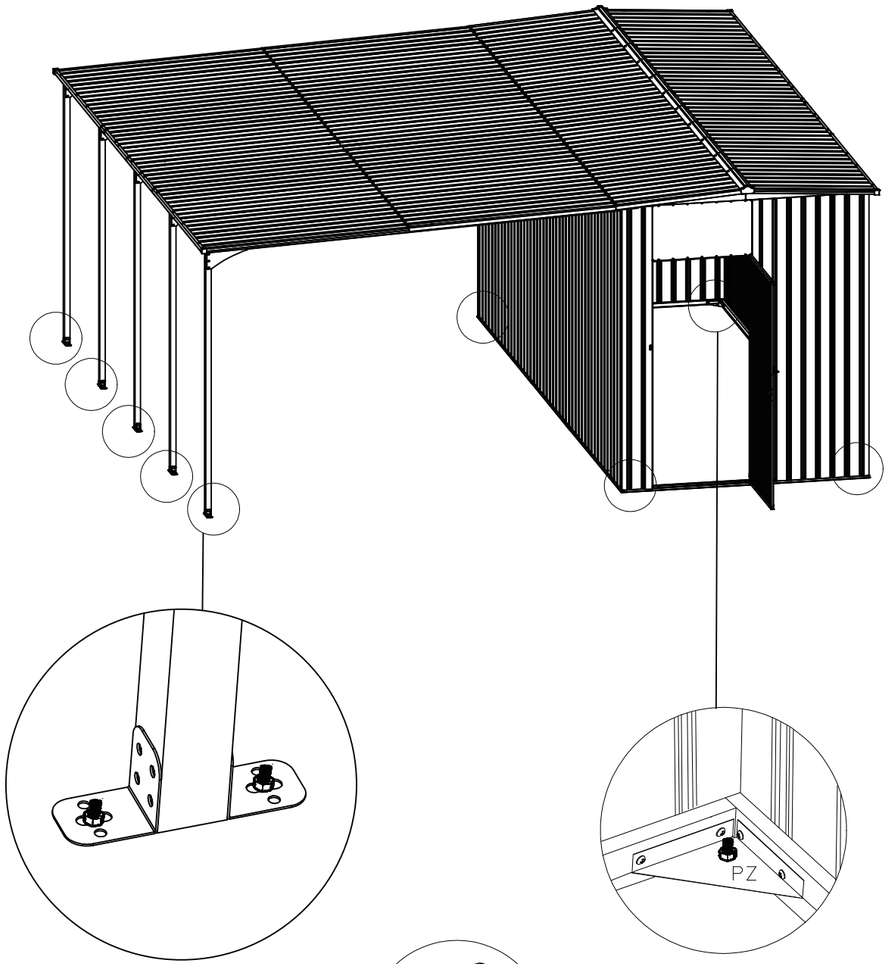
| PART | NO. | QTY |
|---|---|---|
|  | DOOR | 1 |
|  | F1 | 6 |
|  | F2 | 2 |
| F1:ST4.2*10 F2:M4*10 | | |

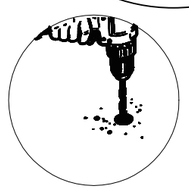




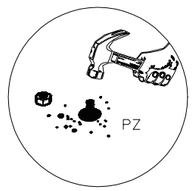



| PART | NO. | QTY. |
|---|---|---|
|  | M6*50 (PZ) | 14 |



It is recommended to choose an electric drill with an 8mm drill bit (M6).




Remove the nut from the PZ, and then hammer the PZ into the hole.

Place the base of the shed into the PZ and securely tighten the nut.