

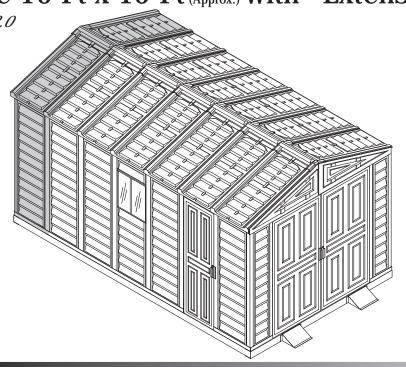
Vinyl Garage

OWNER'S MANUAL / Instructions for Assembly Size 10 Ft x 15 Ft (Approx.) with "Extension Kits"





Ver: 2.0



Customer Service Hotline (800) 483-4674 www.uspolymersinc.com

Your Total Solution To maintenance Free Garages.

- All Weather Durable PVC
- Won't Dent, Rust, Rot or Mildew
- Tall Walk In Shed
- Never Needs Painting
- 89" Wide Double Doors
- Easy Assembly
- High Wind Tested
- Snow Load Tested 20lbs/sq. foot
- Pad Lock Ready (Lock not included)

Available Kits

• Window Kits Available

Requires two people and takes about 4-5 hours for Installation.

PART 1 ASSEMBLING SHED WITH EXTENSION KIT

PART 2

ADDING EXTENSION KIT TO EXISTING SHED

Note: For shed with extension use this manual only.

Call us for any missing or damaged parts. Do not return to the store.

Building Dimensions (One Extension) :								
Approximate Size	Storag	je Area	Exterior Dimension (Roof Edge to Roof Edge)		Interior Dimension (Wall to Wall)			
Feet	Sq. Ft.	Cu. Ft.	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)	Height (inch)
10 x 2 1/2	26 3/4	160 3/8	125 1/2	31	85 1/2	123 3/8	31	72

Duramax Garages Limited Ten Year Warranty

U.S. Polymer Inc. will send a replacement part free of charge, in the event of material defects and or workmanship for a period of ten years from the date of purchase.

This warranty is extended only to the original purchaser. A purchase receipt or other proof of date of original purchase will be required before warranty service is rendered. In no event shall we pay the cost of flooring, labor, installation or any other costs related thereto.

This warranty only covers failures due to defects in material or workmanship which occurs during normal use and does not extend to color change arising due to normal weathering or to damage resulting from misuse or neglect, commercial use, failure to follow assembly instructions and the owner's manual (including proper anchoring of the shed), painting, forces of nature and other causes which is beyond our control.

Claims under this warranty must be made within the warranty period by calling 1-800-483-4674 or mail in a dated sales slip and clear photograph of the part to:

U.S. Polymers, Inc. 1057 S. Vail Ave Montebello. CA 90640

We reserve the right to discontinue or change components. If a component has been discontinued or is not available,

U.S. Polymers, Inc. reserves the right to substitute a component of equal quality as may be compatible.

Limits and Exclusions

There are no express warranties except as listed above. The warrantor shall not be liable for incidental or consequential damages resulting from the use of this product, or arising out of any breach of this warranty. All express warranties are limited to the warranty period set forth above. Some states do not allow the exclusion or limitation on how long an implied warranty lasts, so the above limitations may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state or country to country.

Parts List

Note: Check all parts prior to installation.

CODE	DESCRIPTION	QTY
B1LH	FRONT 'U' CHANNEL LEFT	1
B1RH	FRONT 'U' CHANNEL RIGHT	1
B1LA	FRONT 'U' CHANNEL LEFT	1
B1RA	FRONT 'U' CHANNEL RIGHT	1
B21	SIDE 'U' CHANNEL	1
B22	SIDE 'U' CHANNEL	1
B 3LA	BACK 'U' CHANNEL LEFT	1
B3RA	BACK 'U' CHANNEL RIGHT	1
EXTL	EXTENSION 'U' CHANNEL LEFT	3
EXTR	EXTENSION 'U' CHANNEL RIGHT	3
CMA	MIDDLE COLUMN	8
СМН	MIDDLE COLUMN	3
CCA	CORNER COLUMN	4
CDLA	LEFT DOOR COLUMN	1
CDLH	LEFT DOOR COLUMN	1
CDRA	RIGHT DOOR COLUMN	1
CDRH	RIGHT DOOR COLUMN	1
CB1A	CB1 CENTER BAND	1
CB1H	CB1 CENTER BAND	2
CB3A	CB3 CENTER BAND	1
CB3XA	CB3 CENTER BAND	5
CB4A	CB4 CENTER BAND	1
CB4H	CB4 CENTER BAND	2
CB6H	CB6 CENTER BAND	1
RS1H	RS1 ROOF STRUCTURE	4
RS2A	RS2 ROOF STRUCTURE	4
RS3LA	RS3 ROOF STRUCTURE LONG	5
RS3LH	RS3 ROOF STRUCTURE LONG	1
RS4XA	RS4 ROOF STRUCTURE	10
RS5A	RS5 ROOF SRTUCTURE	4
RS6H	RS6 ROOF STRUCTURE	8
RS7H	RS7 ROOF STRUCTURE	8
RS13A	RS13 ROOF STRUCTURE	8
RS8H	RS8 ROOF STRUCTURE SUPP. LONG	4
RS9H	RS9 ROOF STRUCTURE SUPP. SHORT	4
MJ	MIDDLE JOINING SUPPORT	9
RS10A	RS10 ROOF STRUCTURE SUPPORT	2
RS11A	RS11 ROOF STRUCTURE SUPPORT SHORT	5
RS12A	RS12 ROOF STRUCTURE SUPPORT LONG	3
RS14A	SAGGING SUPPORT	24
DSHH	DOOR STOPPER HORIZONTAL	1
RS19H	VERTICAL SUPPORT - 1	4
RS20H	VERTICAL SUPPORT - 2	4
RS15L	RS15 ROOF STRUCTURE SUPPORT LEFT	2
RS15R	RS15 ROOF STRUCTURE SUPPORT RIGHT	2

Tools You Will Need

Cordless Drill - Philips Head Hammer or Rubber mallet **Carpenters Square** 8' Step Ladder Adjustable pliers Level - 3ft. **Tape Measure** Caulk Gun Waterproof Clear Silicon Sealant Hand Gloves



CODE	DESCRIPTION			
RS16L	DOOR STOPPER LEFT			
RS16R	DOOR STOPPER RIGHT			
RG	RAMP			
SP♠	SIDE PANEL			
FSPH♠	FRONT SIDE PANEL			
FPL	FACIA PANEL LEFT			
FPR	FACIA PANEL RIGHT			
RP♠	ROOF PANEL			
RRS	RIDGE COVER			
DL	LEFT DOOR			
DR	RIGHT DOOR			
DS	DOOR SMALL			
ACCESSORIES				
CODE	DESCRIPTION			

FDCL	DOOR COLUMN FITTING LEFT
FDCLC	DOOR COLUMN FITTING LEFT
FDCR	DOOR COLUMN FITTING RIGHT
FDCRH	DOOR COLUMN FITTING RIGHT
FCC	CORNER COLUMN FITTING
FMC	MIDDLE COLUMN FITTING
FCB	CENTER BAND FITTING
RJ	90 DEGREE JOINT
PPG	ROOF PLUG WITH WASHER
PIN	ROOF PIN
EPS	END PLUG SQUARE
CBC	CENTER BAND COVER
TCH	TOP CORNER
S1	DIA. 4.2 x 16mm. (5/32" x 5/8")
	SHEET METAL SCREW
S2	DIA. 4.2 x 32mm. (5/32" x 1 1/4")
	SHEET METAL SCREW
S7	DIA. 4.2 x 10mm. (5/32" x 3/8")
	SHEET METAL SCREW
S3	M4 x 10mm. (M5/32" x 3/8")
	MACHINE SCREW WITH NUT
S8	M8 x 25mm. (M5/16" x 1")
	HEX. BOLT & NUT WITH WASHER
FOUNI	DATION
CODE	DESCRIPTION
DOAL	
F01H	FOUNDATION 'U' CHANNEL
F02H	FOUNDATION 'U' CHANNEL
F03	FOUNDATION 'L' ANGLE
F04A	FOUNDATION 'U' CHANNEL
F05A	FOUNDATION 'U' CHANNEL
F06A	FOUNDATION 'U' CHANNEL
F07	FOUNDATION 'U' CHANNEL

FOUNDATION 'U' CHANNEL

SHEET METAL SCREW

FOUNDATION 'U' CHANNEL JOINT

0

ROOF PLUG WITH WASHER (PPG)

DIA. 4.2 x 16mm. (5/32" x 5/8")

ROOF PIN (PIN)

F03H

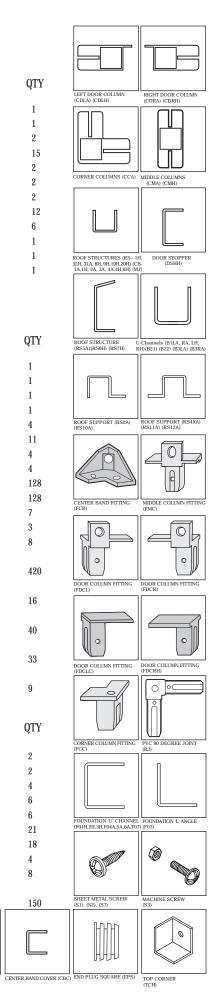
F08

S1

RAMP (RG)

L Л

SAGGING SUPPORT (RS14A)



One Extension Parts List

Note: Check all parts prior to installation.

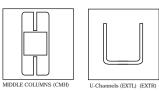
CODE	DESCRIPTION	QTY
EXTL	EXTENSION 'U' CHANNEL LEFT	1
EXTR	EXTENSION 'U' CHANNEL RIGHT	1
СМН	MIDDLE COLUMN	2
CB2A	CENTER BAND	2
RS3H	RS3 ROOF STRUCTURE SHORT	2
MJ	MIDDLE JOINING SUPPORT	4
RS4XA	RS4 ROOF STRUCTURE	2
RS6H	RS6 ROOF STRUCTURE	2
RS7H	RS7 ROOF STRUCTURE	2
RS11A	RS11 ROOF STRUCTURE SUPPORT SHORT	1
RS14A	SAGGING SUPPORT	4
RS19H	VERTICAL SUPPORT - 1	2
RS20H	VERTICAL SUPPORT - 2	2
RS15L	RS15 ROOF STRUCTURE SUPPORT LEFT	1
RS15R	RS15 ROOF STRUCTURE SUPPORT RIGHT	1
SP↑	SIDE PANEL	2
RP∱	ROOF PANEL	2
RRS	RIDGE COVER	1

ACCESSORIES

CODE	DESCRIPTION	QTY
FMC	MIDDLE COLUMN FITTING	2
PPG	ROOF PLUG WITH WASHER	58
PIN	ROOF PIN	58
CBC	CENTER BAND COVER	2
TCH	TOP CORNER	4
S1	DIA. 4.2 x 16mm. (5/32" x 5/8")	
	SHEET METAL SCREW	70
S2	DIA. 4.2 x 32mm. (5/32" x 1 1/4")	
	SHEET METAL SCREW	4
S7	DIA. 4.2 x 10mm. (5/32" x 3/8")	
	SHEET METAL SCREW	8
S8	M8 x 25mm. (M5/16" x 1")	
	HEX. BOLT & NUT WITH WASHER	3

FOUNDATION

CODE	DESCRIPTION	QTY
F06A	FOUNDATION 'U' CHANNEL	3
F07	FOUNDATION 'U' CHANNEL	6
F03H	FOUNDATION 'U' CHANNEL	2
F08	FOUNDATION 'U' CHANNEL JOINT	4
S1	DIA. 4.2 x 16mm. (5/32" x 5/8")	
	SHEET METAL SCREW	26







ROOF SUPPORT (RS4XA) (RS11A)





SAGGING SUPPORT (RS14A)







ROOF PIN (PIN)

())=

SHEET METAL SCREW (S1), (S2), (S7)

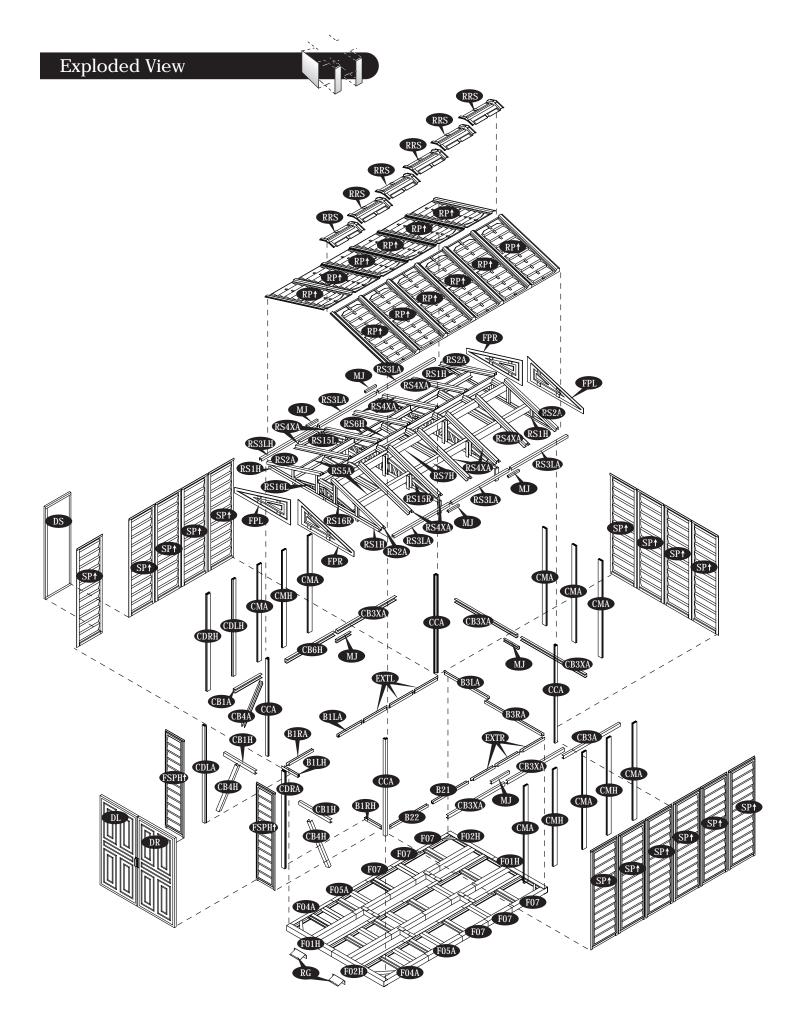


FOUNDATION 'U' CHANNEL (FO6A), (F07), (F03H)

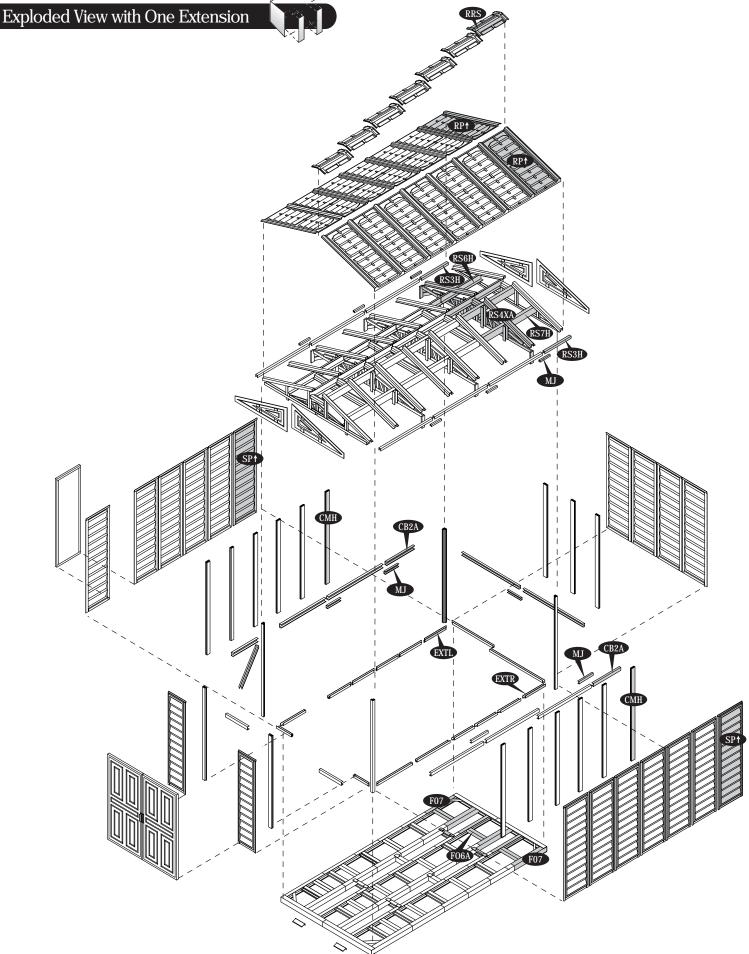
MIDDLE COLUMN FITTING (FMC)



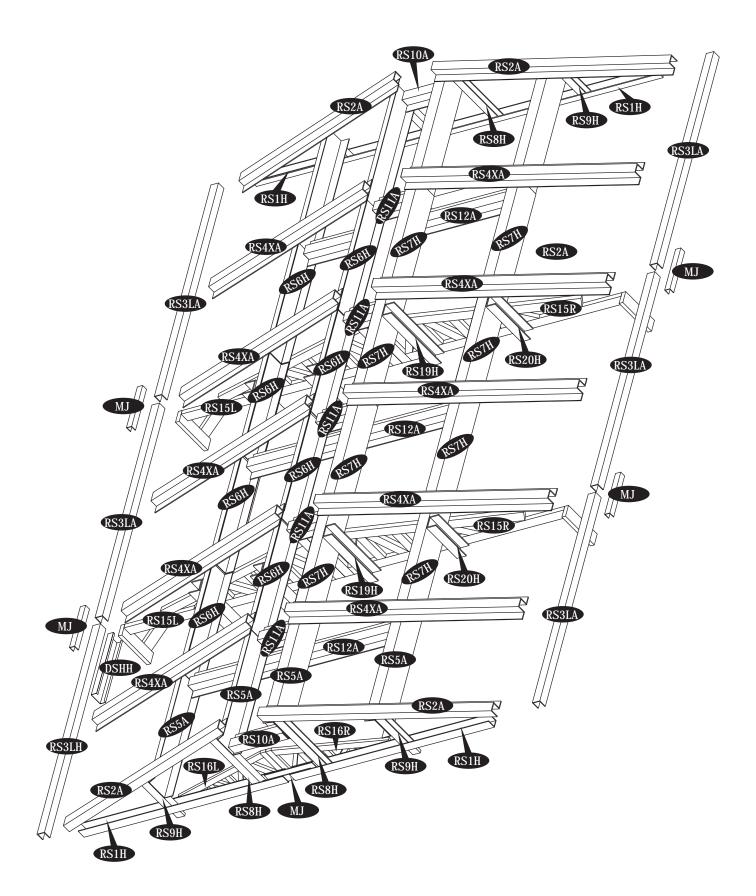


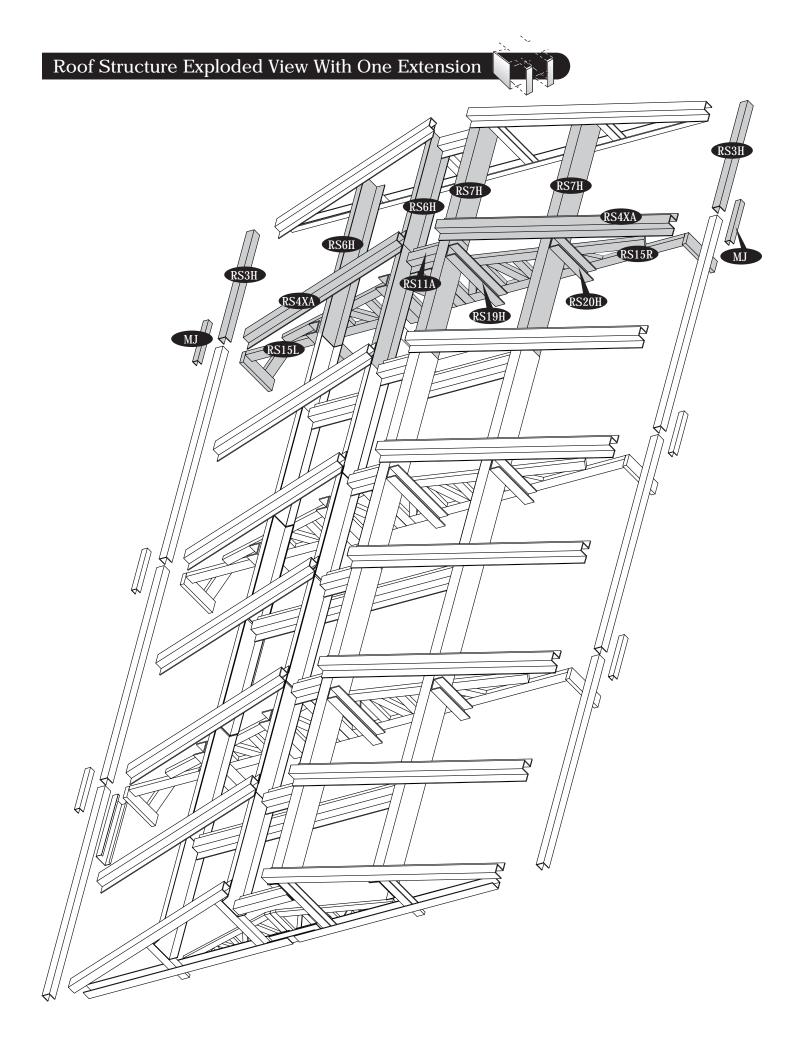






Roof Structure Exploded View





Note: It is important that these instructions are followed step by step.



All parts are clearly marked and care should be taken to use the correct one.

Parts Needed:

(2)	Foundation 'U' Channel	(F01H)
(2)	Foundation 'U' Channel	(F02H)
(4)	Foundation 'L' Angle	(F03)
	Foundation 'U' Channel	(F04A)
(6)	Foundation 'U' Channel	(F05A)
(21)	Foundation 'U' Channel	(F06A)
(18)	Foundation 'U' Channel	(F07)
(4)	Foundation 'U' Channel	(F03H)
(8)	Foundation 'U' Channel Joint	(F08)
(1)	Base 'U' Channel	(B1LH)
(1)	Base 'U' Channel	(B1RH)
(1)	Base 'U' Channel	(B1LA)
(1)	Base 'U' Channel	(B1RA)
(1)	Base 'U' Channel	(B21)
(1)	Base 'U' Channel	(B22)
(1)	Base 'U' Channel	(B3LA)
(1)	Base 'U' Channel	(B3RA)
(3)	Base 'U' Channel	(EXTL)
(3)	Base 'U' Channel	(EXTR)
0	Screws	(S1)

1. Assemble the channel (F01H) & (F02H) together using 4 (S1) screws. Make 2 sets.

Parts Needed For Each Extension:

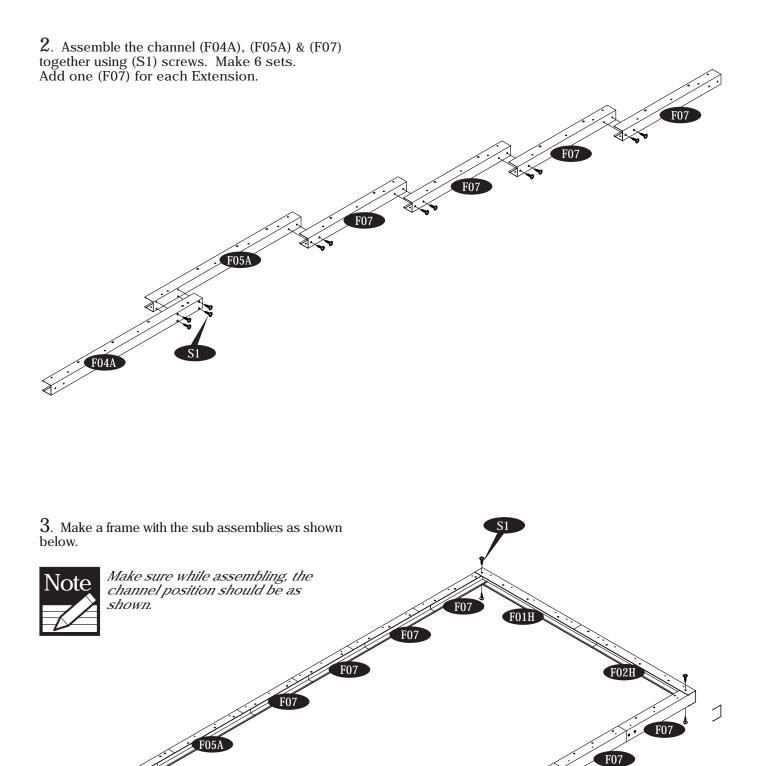
- (3) Foundation 'U' Channel (F06A) (6) Foundation 'U' Channel
- (F07)
- (F03H) (2) Foundation 'U' Channel (4) Foundation 'U' Channel Joint (F08)
- (1) Base 'U' Channel (EXTL)

(EXTR)

(S1)

- (1) Base 'U' Channel
 - Screws

F01H F02H Over lapping



F07

F07

F05A

F04A

6

[

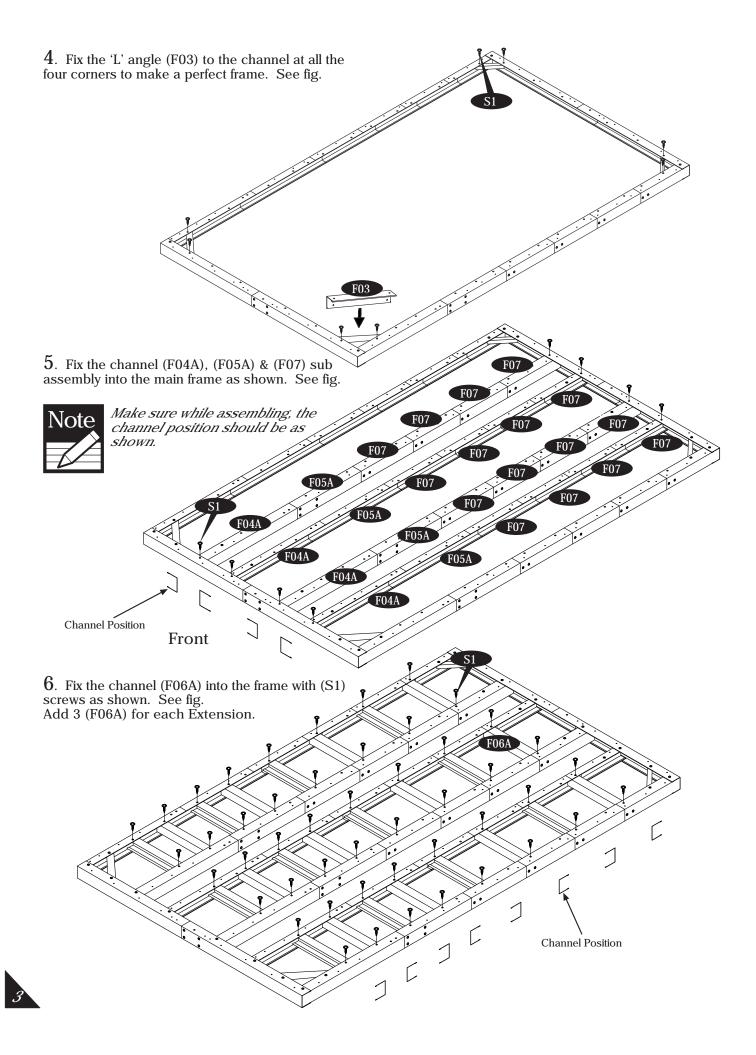
F04A

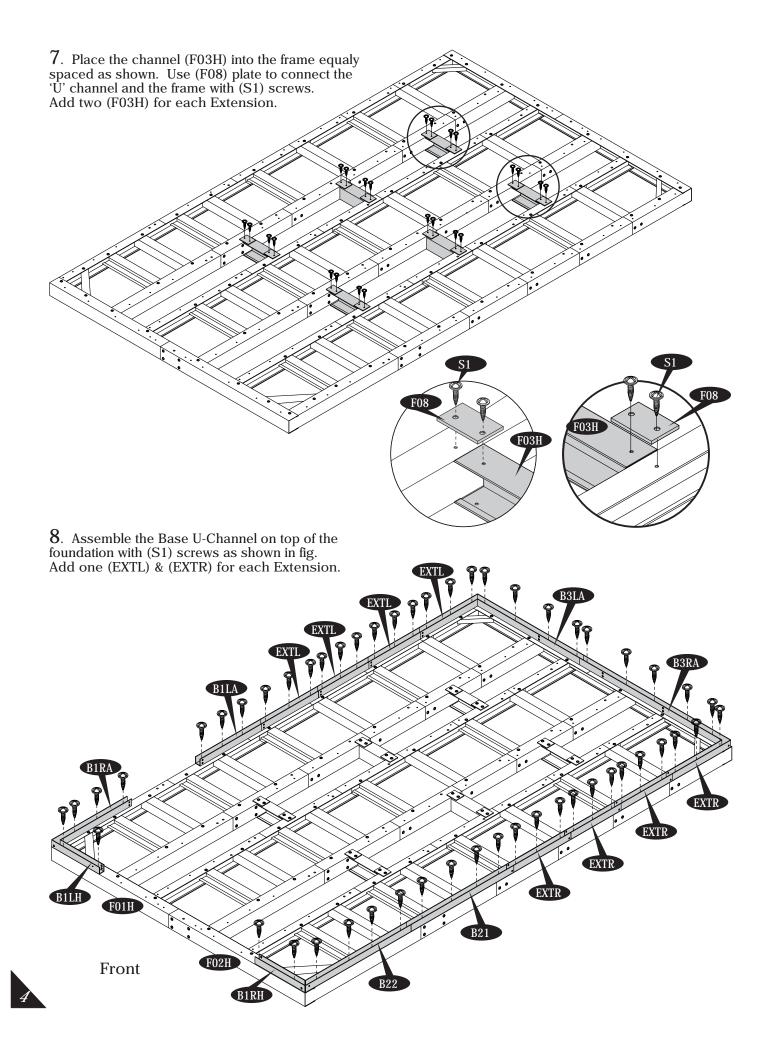
F01H

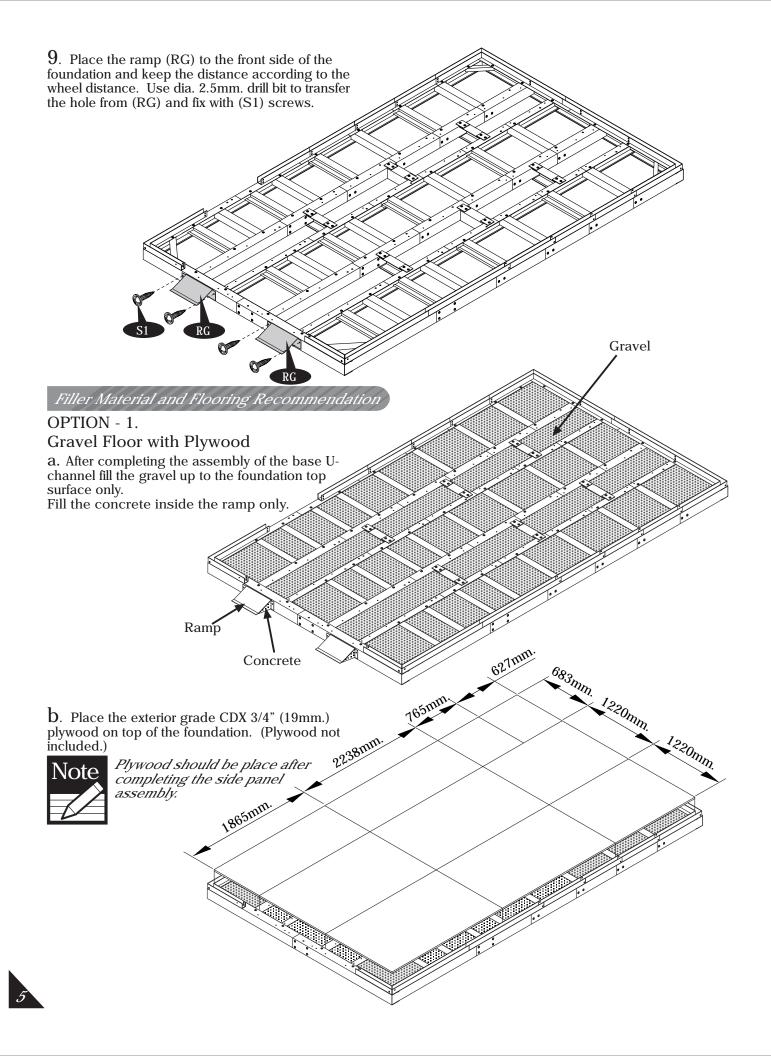
Channel Position

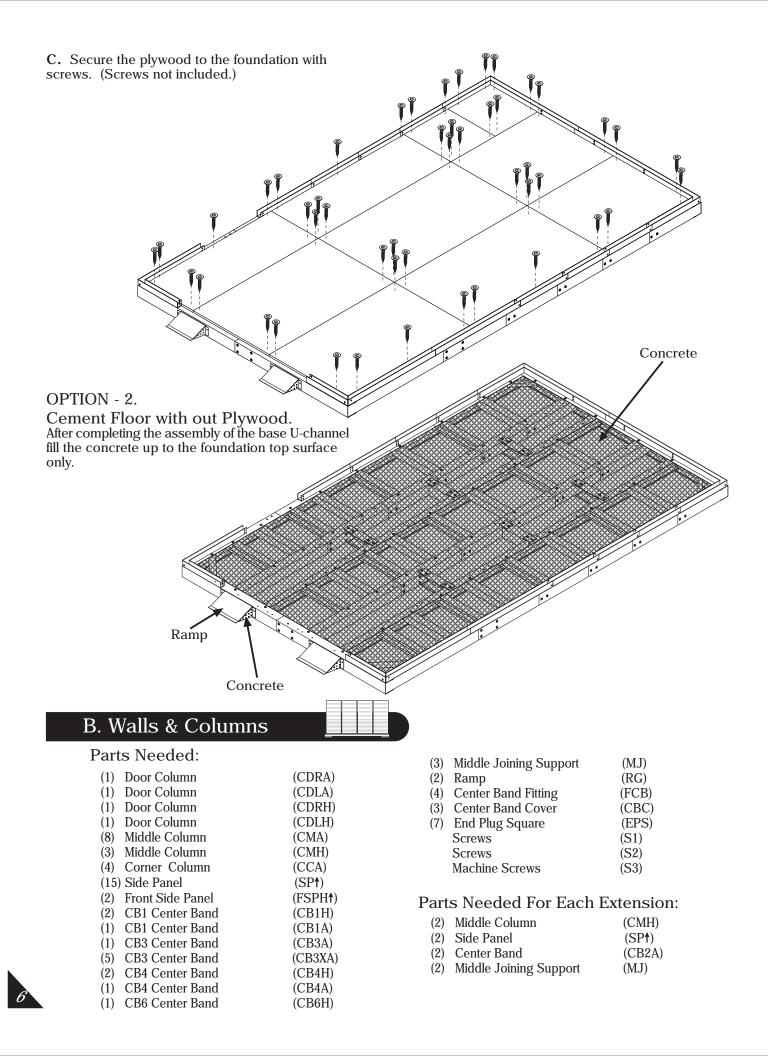
F02H

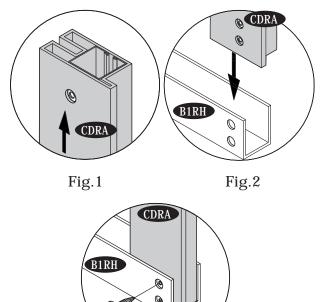
Front

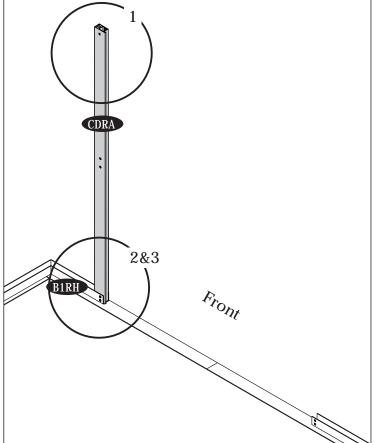












2. Insert the front side panel (FSPH \uparrow) into the groove of column (CDRA). Start at the bottom of the panel at an angle then push into place.

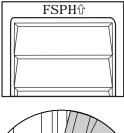
Fig.3

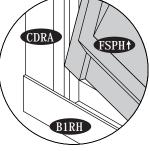


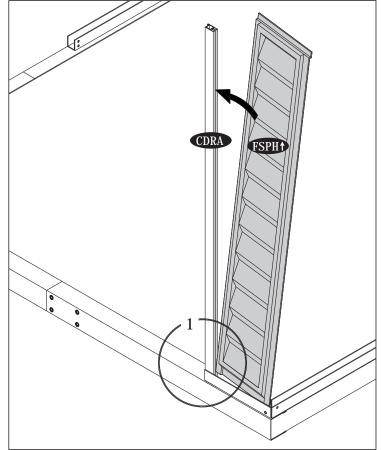
Always place panels into frame at an angle on top and slide in sideways and downward for easy insertion.

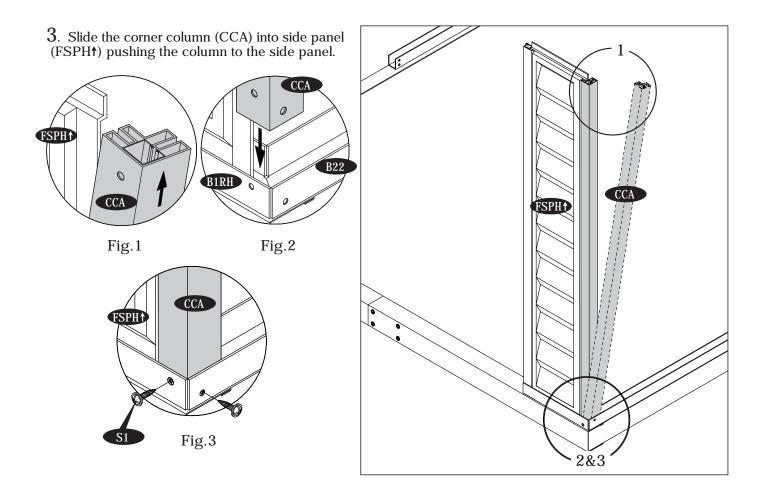


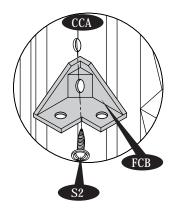
Make sure panels are right side up with panel shingles facing down. Check the stamped label on top of all panels.

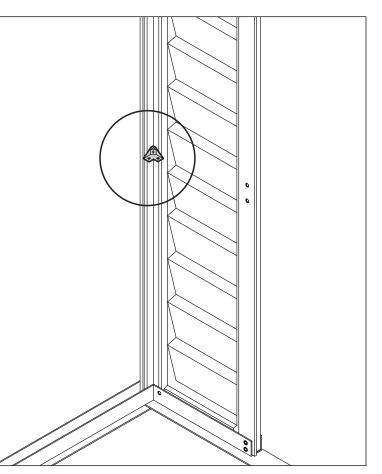




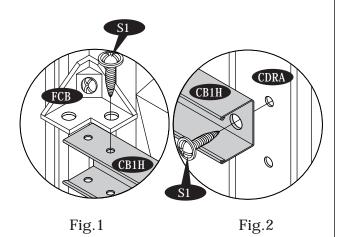


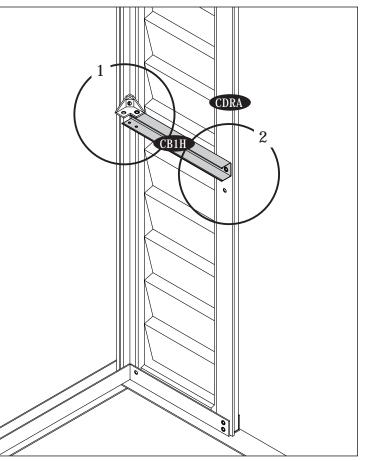


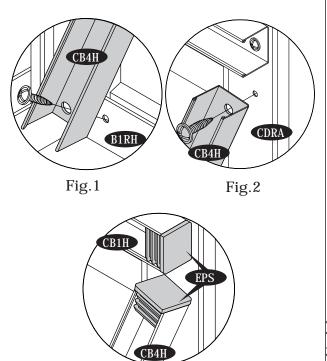




 $5. \ \mbox{Fix the center band (CB1H) to the center band fitting (FCB) with (S1) screws. See fig.1. \ \mbox{Fix the other end to the door column (CDRA). See fig.2. }$







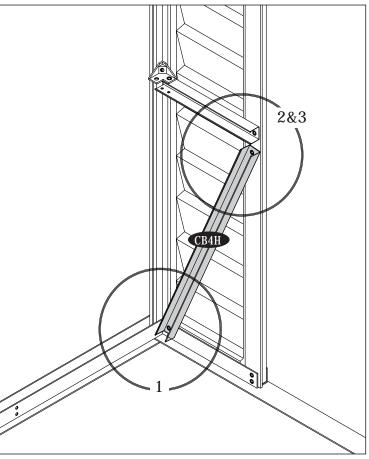
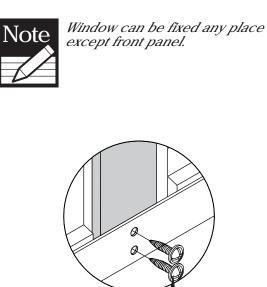
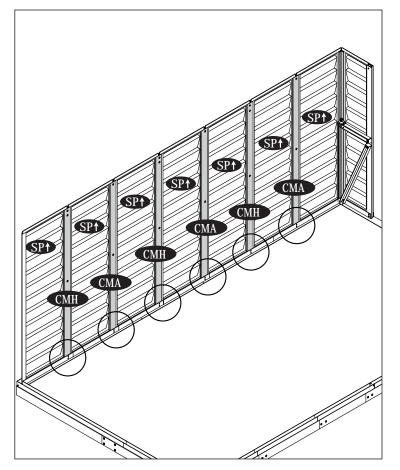


Fig.3

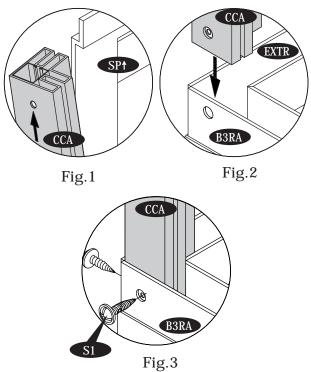
7. Working from inside continue connecting the 7 side panels (SP \uparrow) and columns to the base 'U' channel. Use (S1) screws to fix column to base.

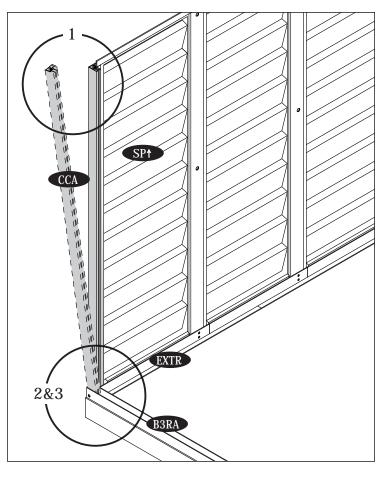
Add one side panel (SP $\$ & column (CMH) for each Extension.



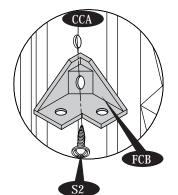


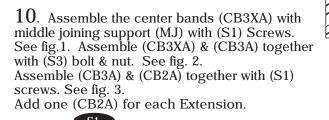
8. Slide the corner column (CCA) into side panel (SP[↑]) pushing the column to the side panel. Working from outside use (S1) screws to secure column to base (EXTR) & (B3RA).

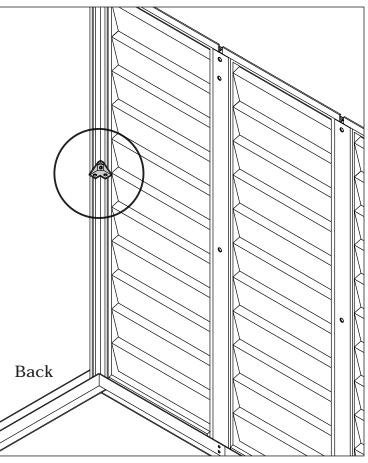


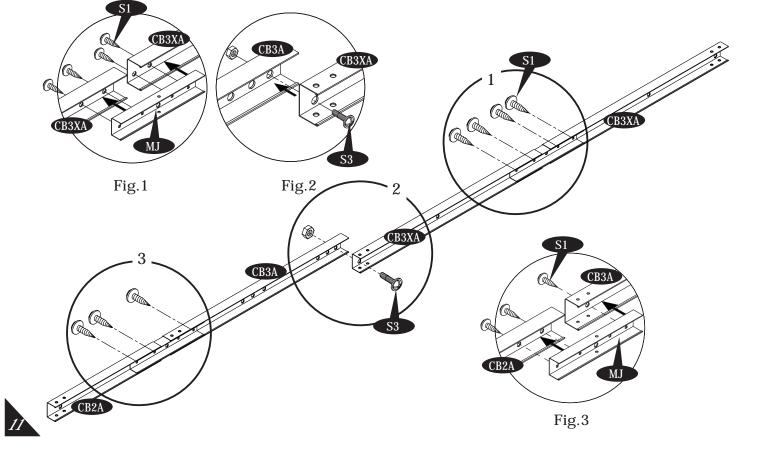


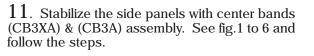
 $9. \ {\rm Fix}$ the center band fitting (FCB) to the column (CCA) with (S2) screw. Leave it loose.

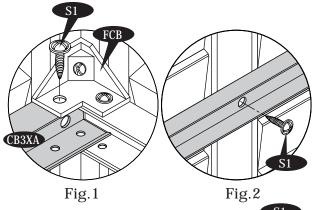


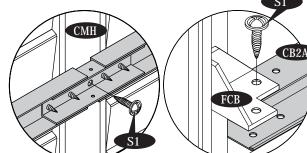


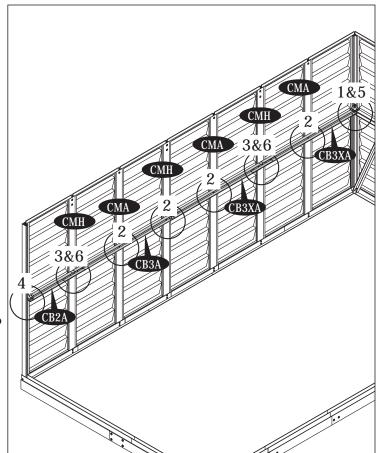


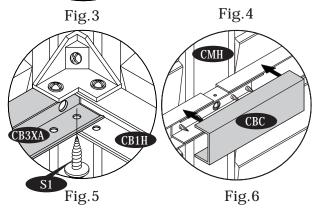




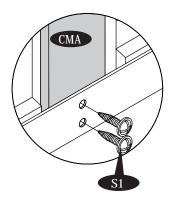


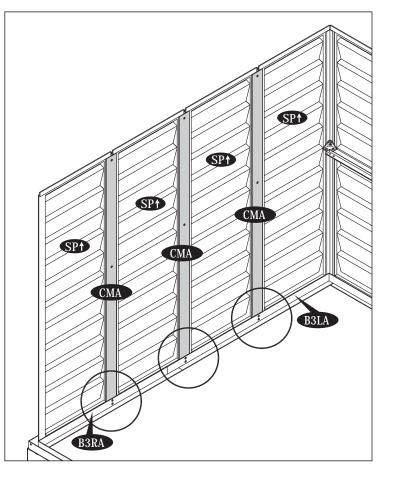






12. Working from inside continue connecting the 3 side panels (SP†) and columns to the base 'U' channel. Use (S1) screws to fix column to base.





13. Slide the corner column (CCA) into side panel (SP \uparrow) pushing the column to the side panel. Working from outside use (S1) screws to secure column to base (B3LA) & (EXTL).

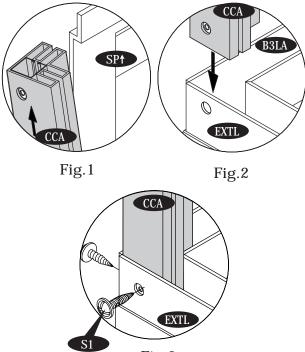
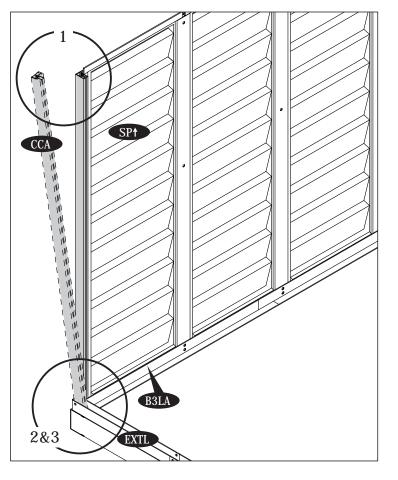
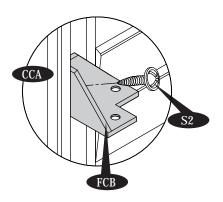
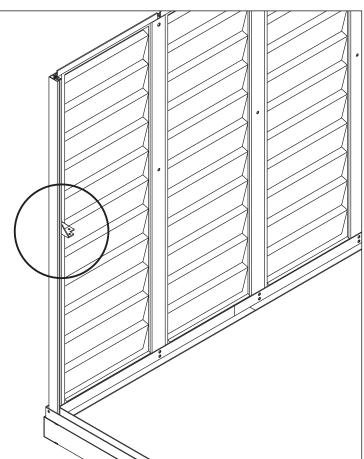


Fig.3

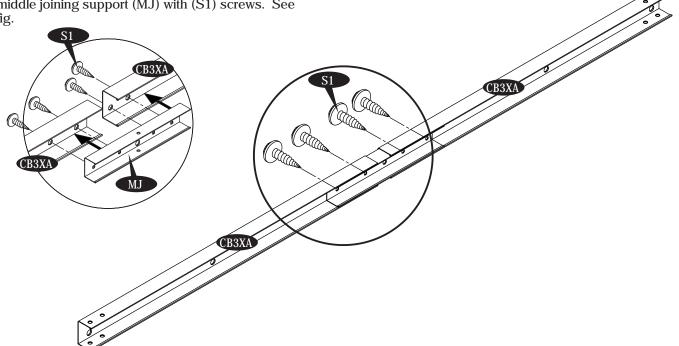


 $14.\,$ Fix the center band fitting (FCB) to the column (CCA) with (S2) screw. Leave it loose.

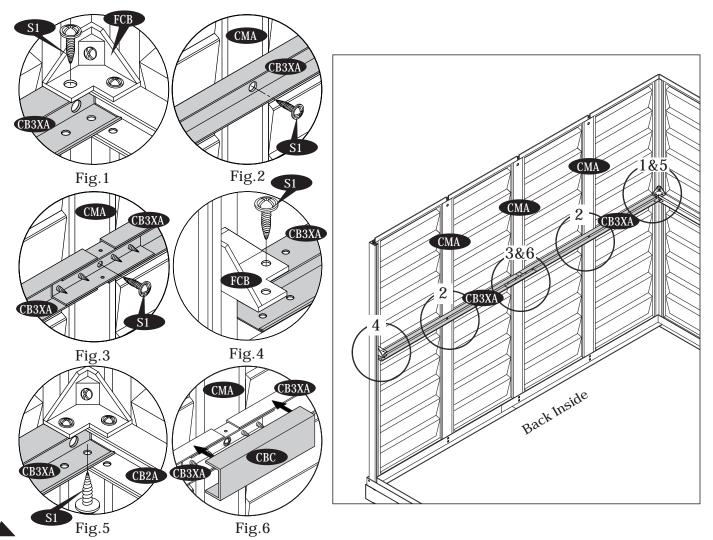


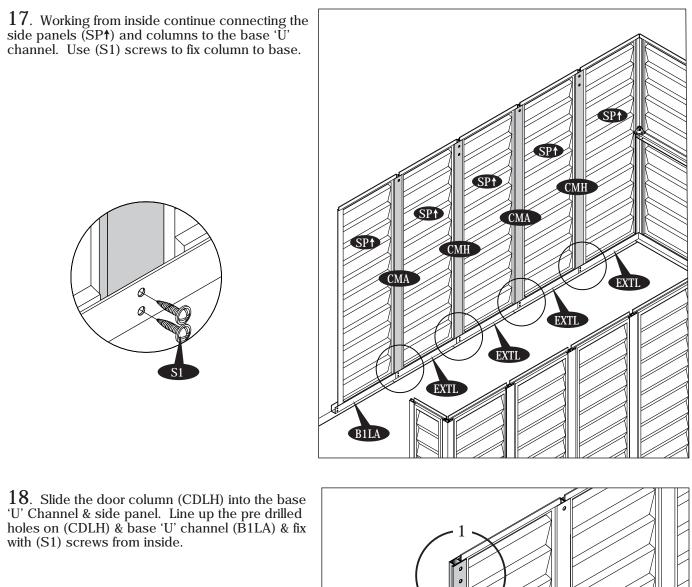


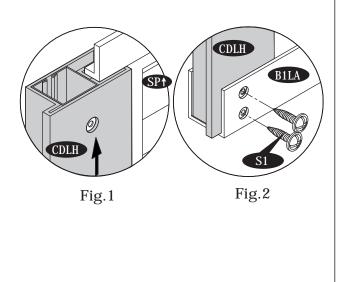
 $15. \ \mbox{Assemble the center bands}$ (CB3XA) with middle joining support (MJ) with (S1) screws. See fig.

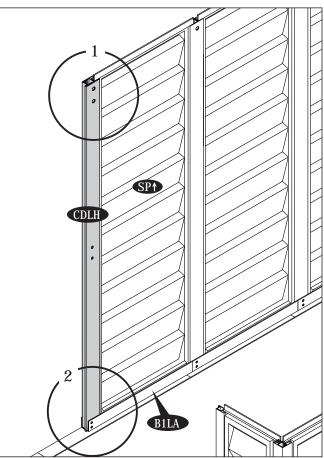


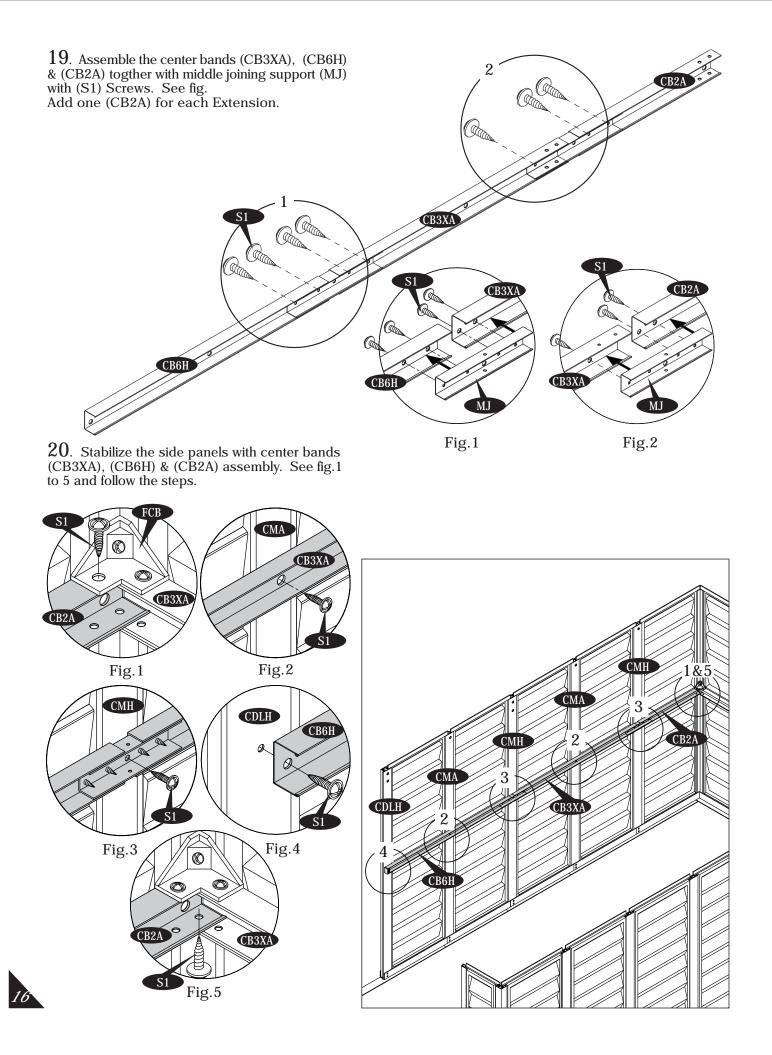
 $16. \ \, {\rm Stabilize \ the \ side \ panels \ with \ center \ bands \ (CB3XA) \ assembly. See fig.1 to 6 and follow the }$ steps.

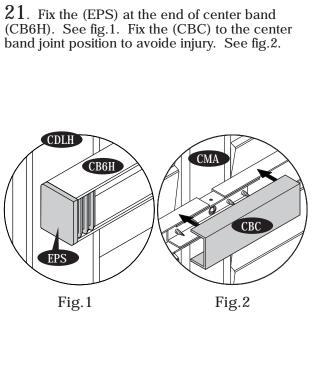


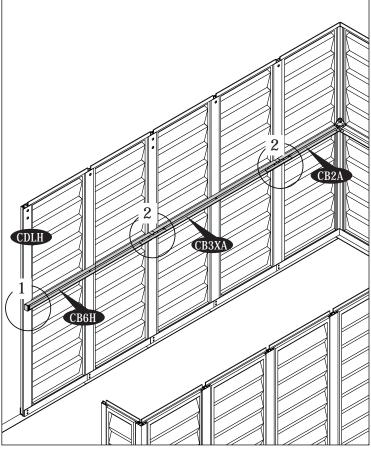




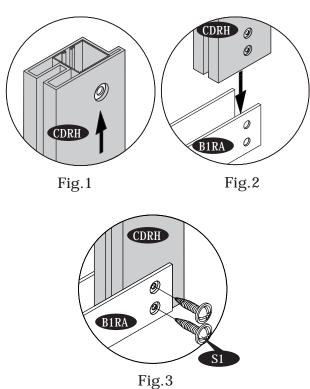


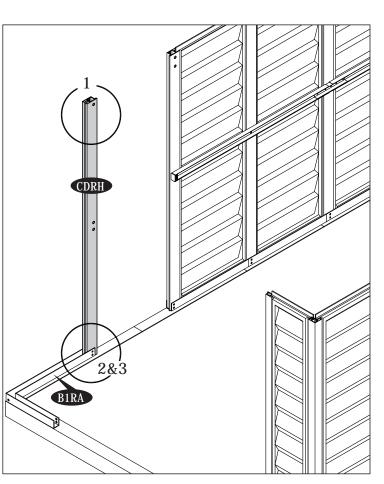




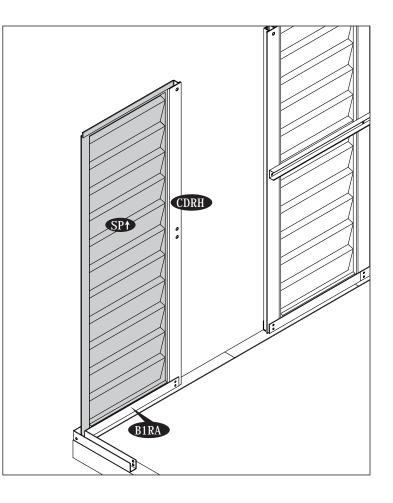


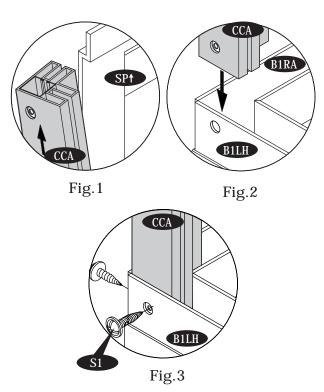
 $22. \ Slide the door column (CDRH) into the base 'U' Channel. Line up the pre drilled holes on (CDRH) & base 'U' channel (B1RA) & fix with (S1) screws from inside.$

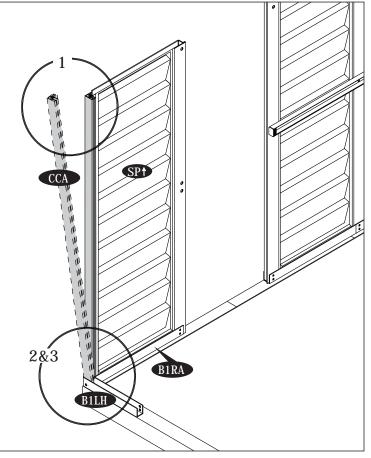




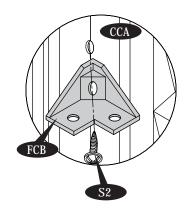
 $23. \ {\rm Insert \ the \ side \ panel \ (SP \) \ into \ the \ groove \ of \ column \ (CDRH) \ \& \ base \ `U' \ channel \ (B1RA).}$

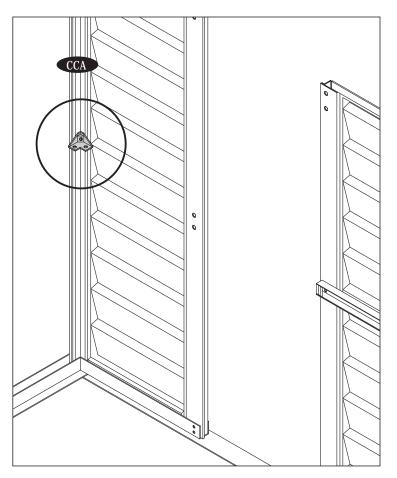




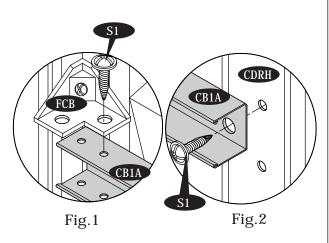


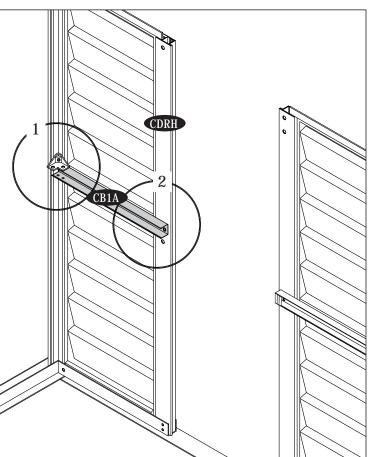
 $25. \ {\rm Fix}$ the center band fitting (FCB) to the column (CCA) with (S2) screw. Leave it loose.



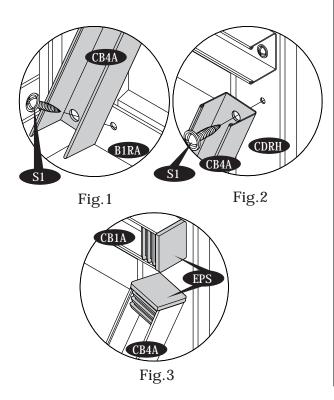


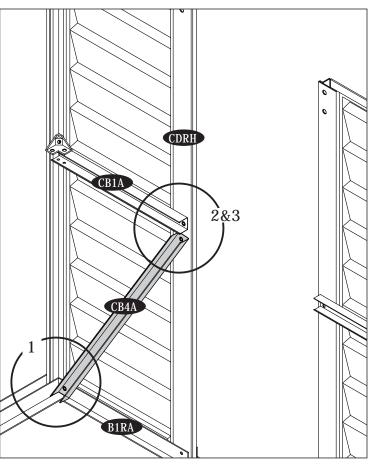
26. Fix the center band (CB1A) to the center band fitting (FCB) with (S1) screws. See fig.1. Fix the other end to the door column (CDRH). See fig.2.



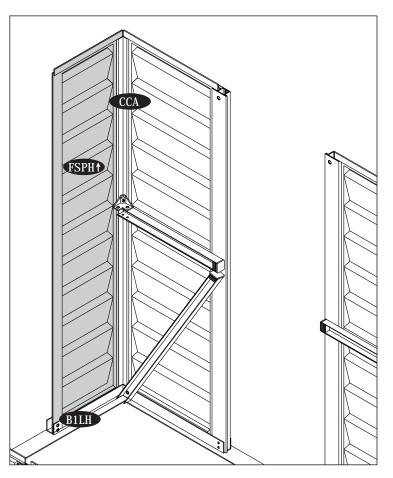


 $27. \ {\rm Fix}$ the center band (CB4A) to the base 'U' channel (B1RA) and door column (CDRH) with (S1) screws. See fig.1&2. Fix the (EPS) at the end of (CB1A) & (CB4A). See fig.3.

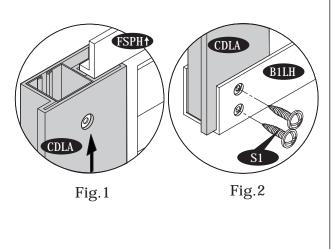


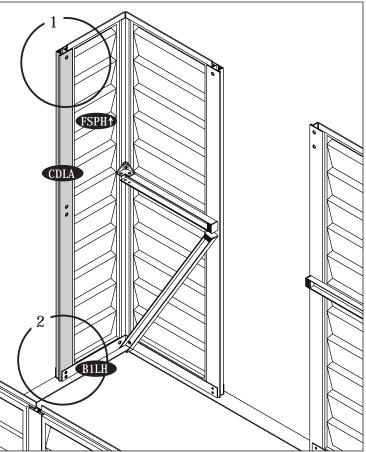


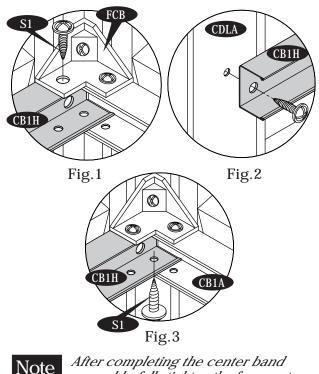
 $28. \ {\rm Insert \ the \ side \ panel \ (FSPH \) \ into \ the \ groove \ of \ column \ (CCA) \ \& \ base \ `U' \ channel \ (B1LH).}$

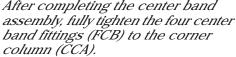


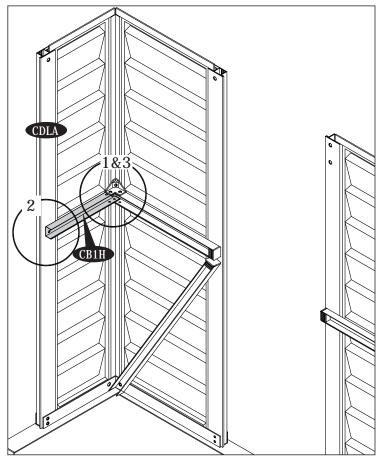


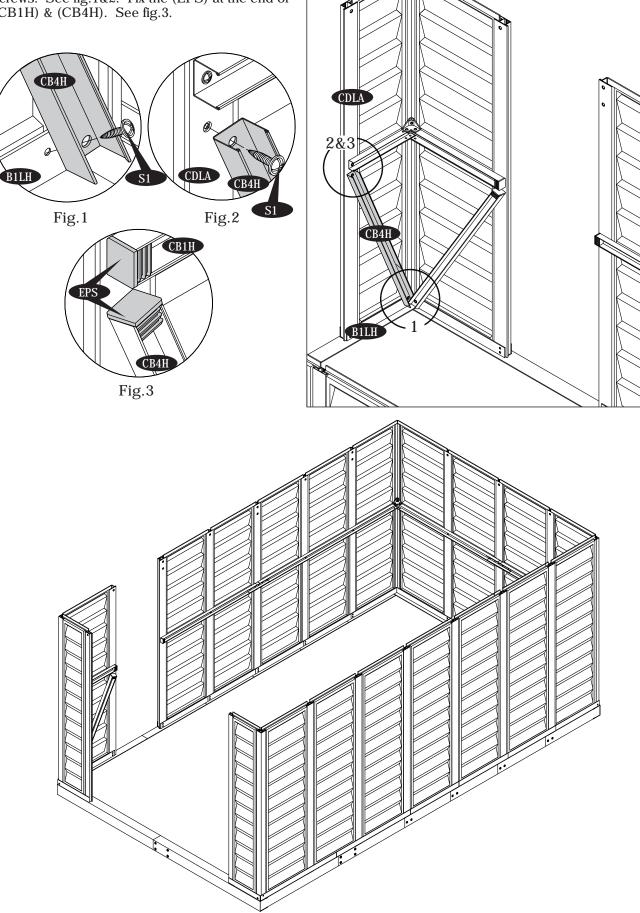












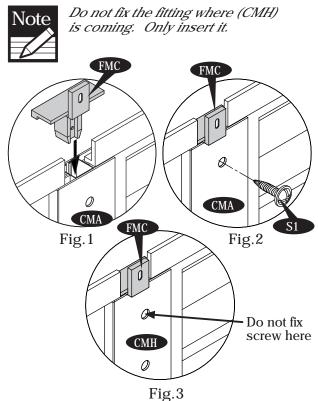
C. Roof Frame



Parts Needed:

(4)		
(4)	RS1 Roof Structure	(RS1H)
(4)	RS8 Roof Structure Support Long	(RS8H)
(4)	RS9 Roof Structure Support Short	(RS9H)
(6)	Middle Joining Support	(MJ)
(5)	RS3 Roof Structure Long	(RS3LA)
(1)	RS3 Roof Structure Long	(RS3LH)
(4)	RS5 Roof Structure	(RS5A)
(8)	RS6 Roof Structure	(RS6H)
(8)	RS7 Roof Structure	(RS7H)
(8)	RS13 Roof Structure	(RS13A)
(4)	RS2 Roof Structure	(RS2A)
(2)	RS10 Roof Structure Support	(RS10A)
(10)	RS4 Roof Structure	(RS4XA)
(5)	RS11 Roof Structure Support Short	(RS11A)
(3)	RS12 Roof Structure Support Short	(RS12A)
(4)	Vertical Support - 1	(RS19H)
(4)	Vertical Support - 2	(RS20H)
(2)	RS15 Roof Structure Support Left	(RS15L)
(2)	RS15 Roof Structure Support Right	(RS15R)
(1)	Door Stopper Small	(DSHH)
(1)	Door Stopper Left	(RS16L)
(1)	Door Stopper Right	(RS16R)
1.1	Door Column Fitting Left	(FDCL)
(1)		· ,
(1)	Door Column Fitting Left	(FDCLC)

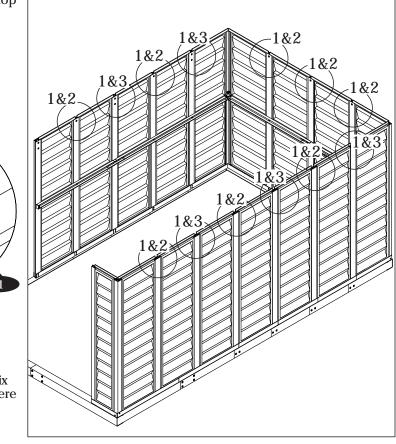
 $\label{eq:linear} \begin{array}{l} 1. \ \mbox{Insert the middle column fitting (FMC) into top} \\ \mbox{of the middle column (CMA) & (CMH). Fix the} \\ \mbox{column (CMA) to fittings with (S1) screws from} \\ \mbox{inside the shed.} \end{array}$



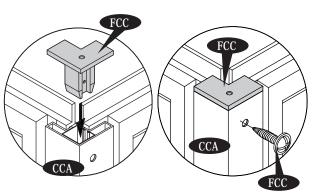
(1)	Door Column Fitting Right	(FDCR)
(1)	Door Column Fitting Right	(FDCRH)
(4)	Corner Column Fitting	(FCC)
(11)	Middle Column Fitting	(FMC)
(4)	90 Degree Joint	(RJ)
(8)	Top Corner	(TCH)
	Screws	(S1)
	Screws	(S2)
	Screws	(S7)
	Machine Screws	(S3)
	Hexagonal Bolt & Nut	(S8)

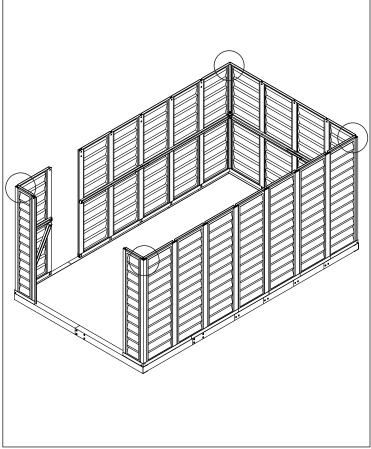
Parts Needed For Each Extension

(2)	Middle Joining Support	(MJ)
(2)	RS3 Roof Structure	(RS3H)
(2)	RS6 Roof Structure	(RS6H)
(2)	RS7 Roof Structure	(RS7H)
(2)	RS4 Roof Structure	(RS4XA)
(1)	RS11 Roof Structure Support Short	(RS11A)
(2)	Vertical Support - 1	(RS19H)
(2)	Vertical Support - 2	(RS20H)
(1)	RS15 Roof Structure Support Left	(RS15L)
(1)	RS15 Roof Structure Support Right	(RS15R)
(2)	Middle Column Fitting	(FMC)
(4)	Top Corner	(TCH)



 $\label{eq:constraint} \begin{array}{l} 2. \ \mbox{Insert the corner column fittings (FCC) into the corner column (CCA). Fix with (S1) screws from outside of the shed. \end{array}$





3. Insert the door column fittings (FDCLC) & (FDCRH) into the front door column (CDLA) & (CDRA). See fig.1&2.

Insert the door column fittings (FDCL) & (FDCR) into the side door column (CDLH) & (CDRH). Fix the fitting (FDCR) to the column (CDRH) by (S1) screw. All other fittings will be screwed later. See fig.3&4.

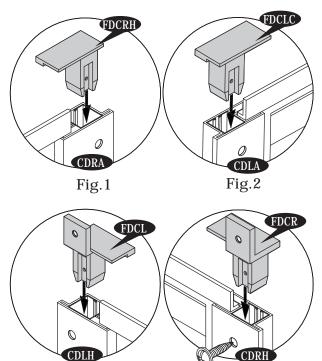
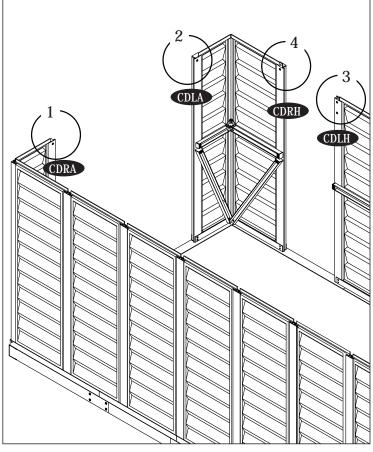


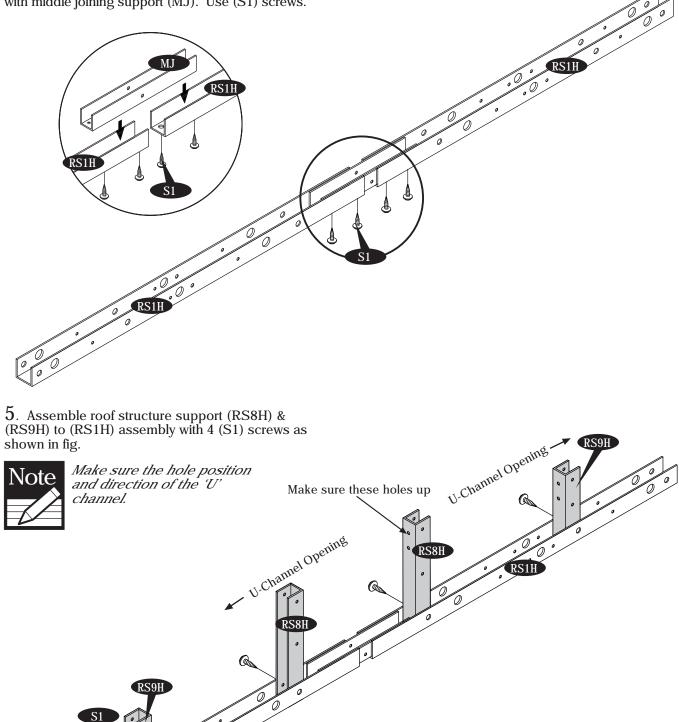
Fig.3

Fig.4



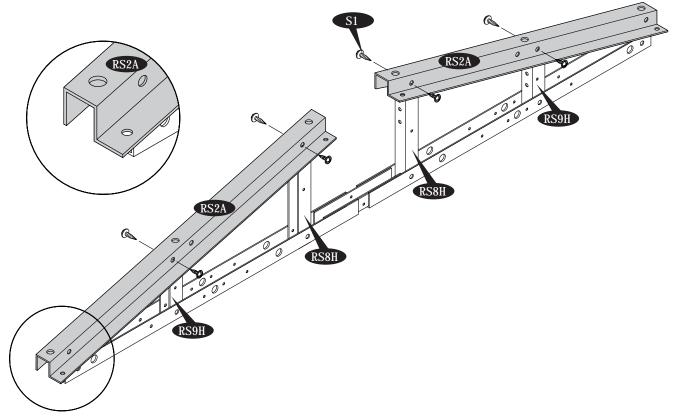
Front roof structure assembly

4. Assemble front roof structures (RS1H) 2 nos. with middle joining support (MJ). Use (S1) screws.

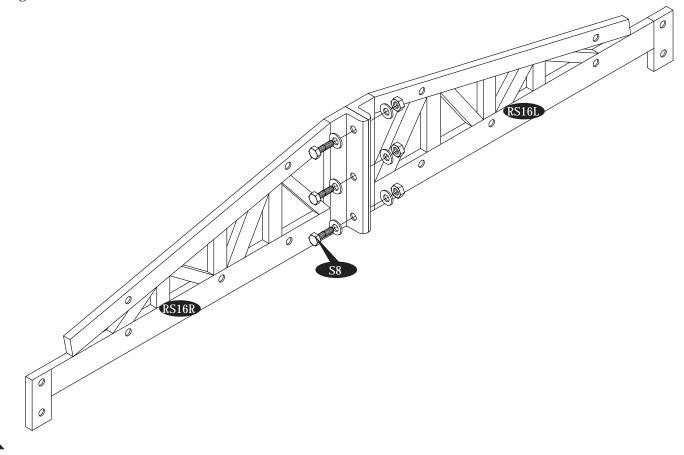


RS1H

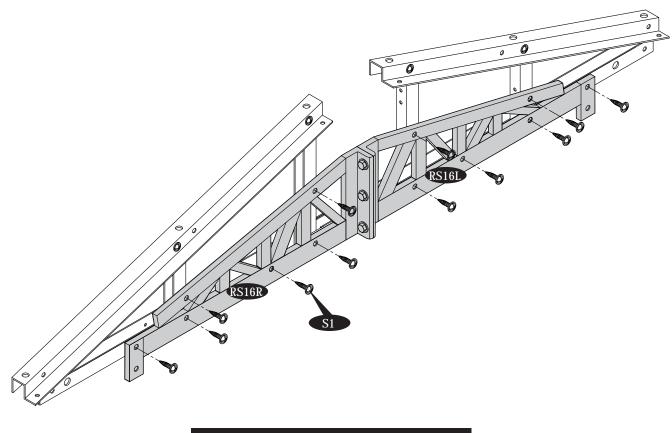
 $6. \ \mbox{Assemble the roof structure (RS2A) to (RS8H) & (RS9H) with 8 (S1) screws. }$



 $7. \ \ {\rm Assemble \ door \ stopper \ } ({\rm RS16L}) \ \ \& \ \ ({\rm RS16R}) \ \ together \ \ with \ \ ({\rm S8}) \ bolt \ \ \& \ nut \ with \ washers.$



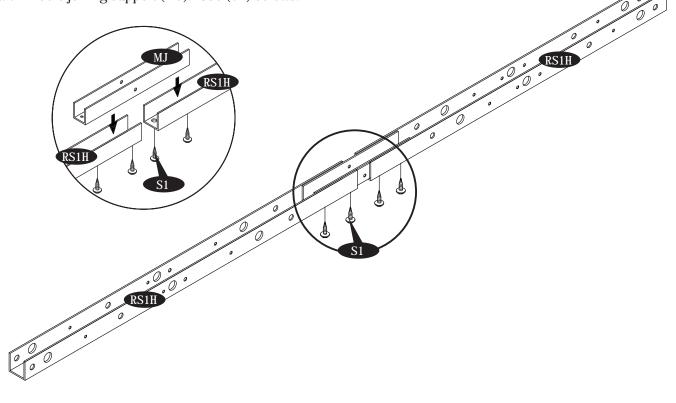
 $8. \ \mbox{Assemble (RS16R) & (RS16L) assembly to front roof assembly with (S1) screws.}$

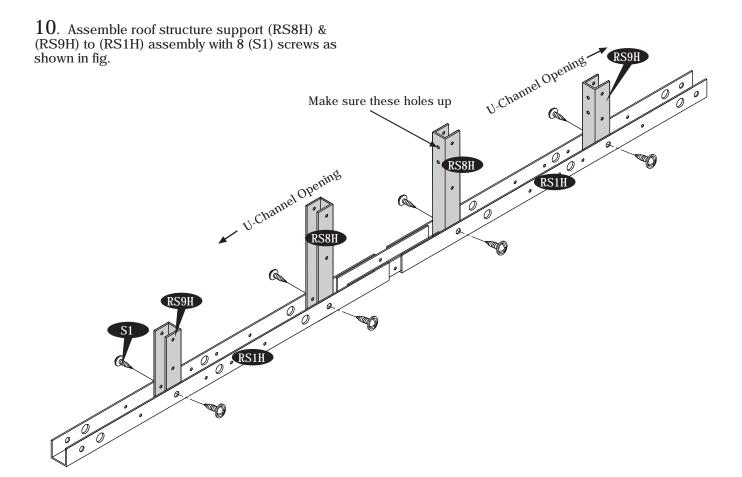


Back roof structure assembly

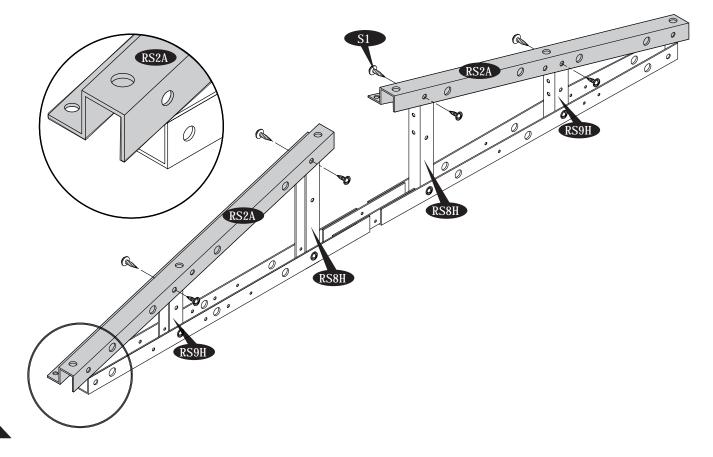
 $9. \ \text{Assemble front roof structures (RS1H) 2 nos.} \\ \text{with middle joining support (MJ). Use (S1) screws.} \\$

27





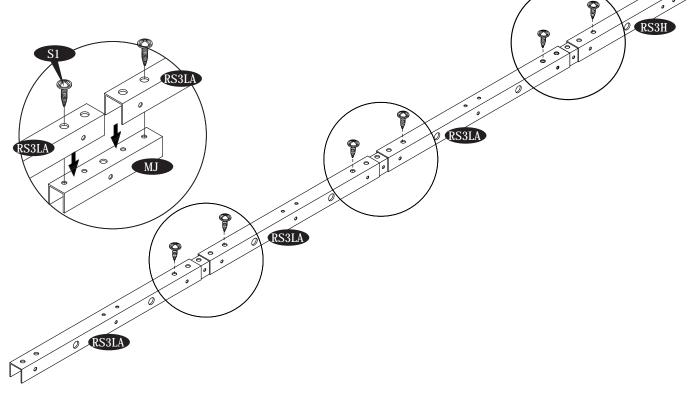
 $11. \ \mbox{Assemble the roof structure (RS2A) to (RS8H) & (RS9H) \ \mbox{with 8 (S1) screws.}$



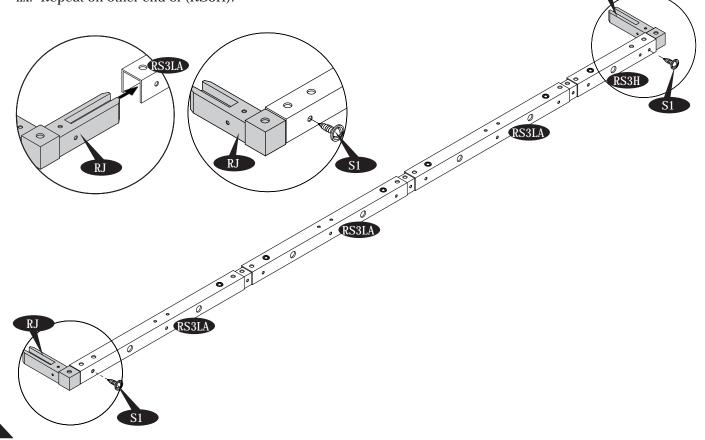
28

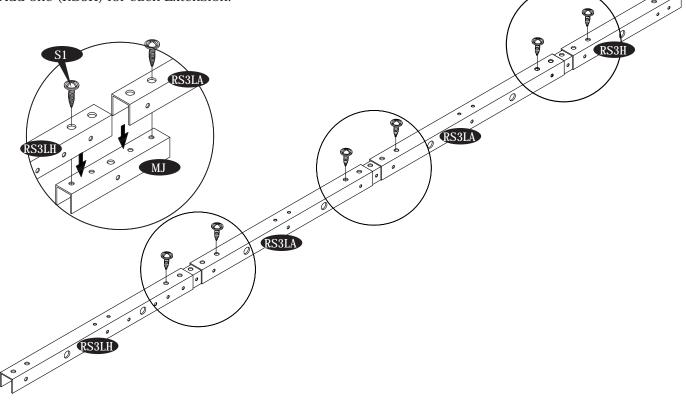
12. Assemble roof structure (RS3LA) & (RS3LH) with middle joining support (MJ). Use (S1) screws to fix.

Add one (RS3H) for each Extension.

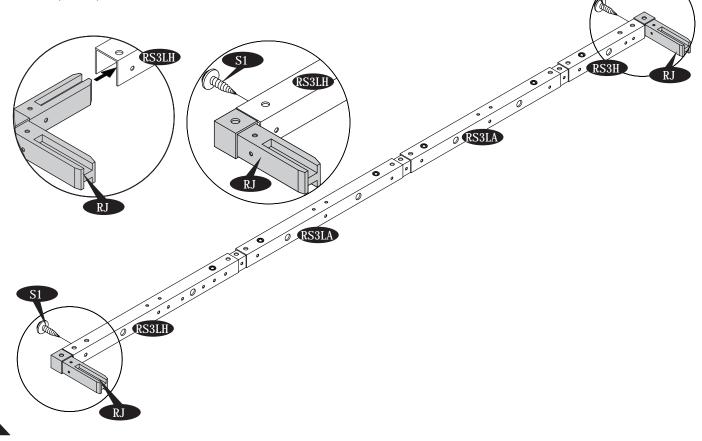


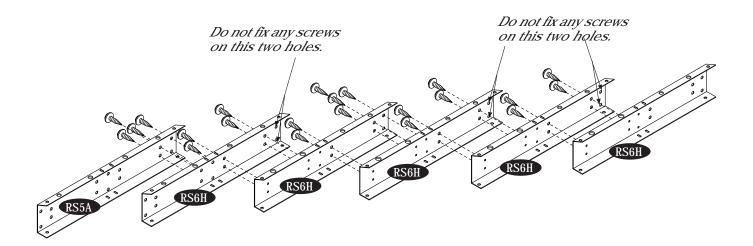
R.J

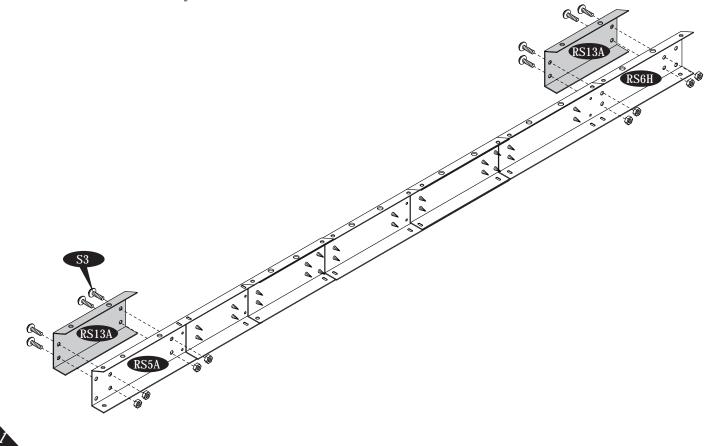


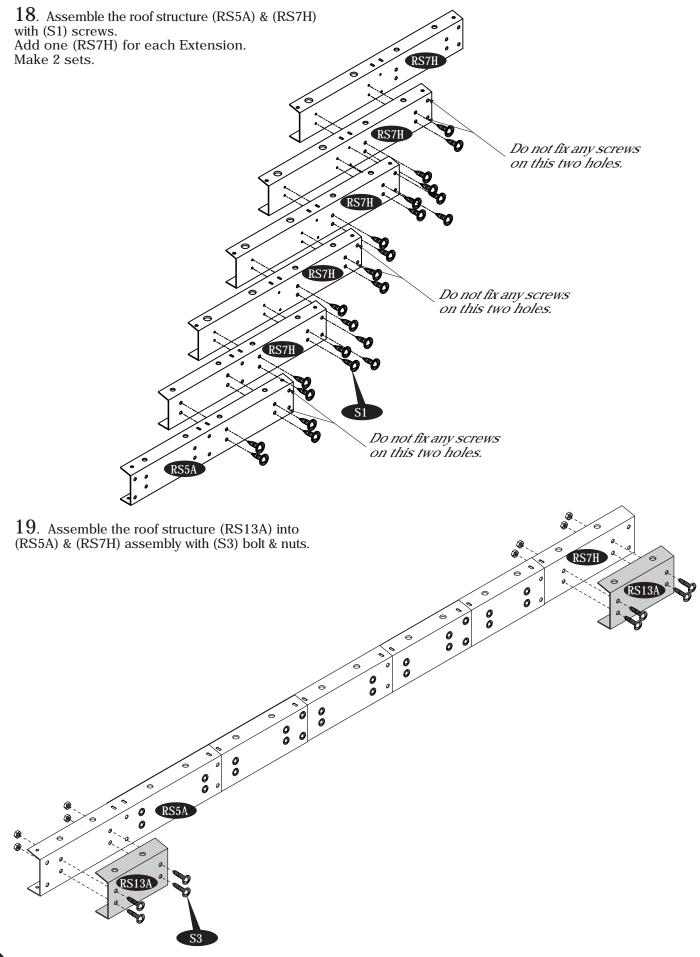


S1

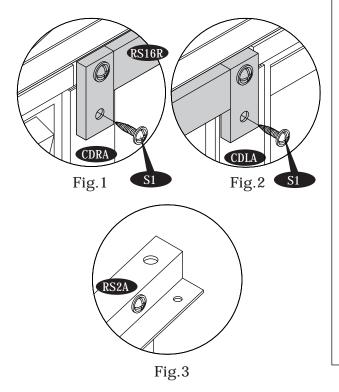


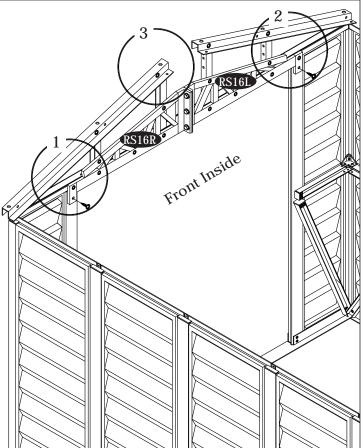




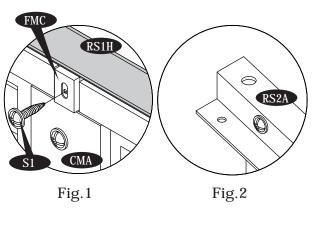


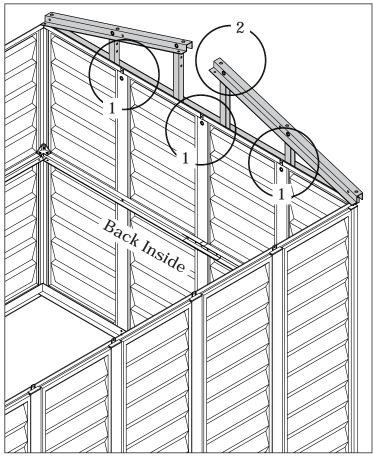
20. Place the assembled front roof structure assembly to the door columns. Line up the pre drilled holes with door column and fix with (S1) screws. See fig.1&2. Make sure the (RS2A) structure position as shown in fig.3.





21. Place the assembled back roof structure at the back wall, on top of middle columns (CMA). Line up pre drilled holes with middle column fittings (FMC). Use (S1) screws to fix back roof structure to (FMC). See fig.1. Make sure the (RS2A) position as shown in fig.2.

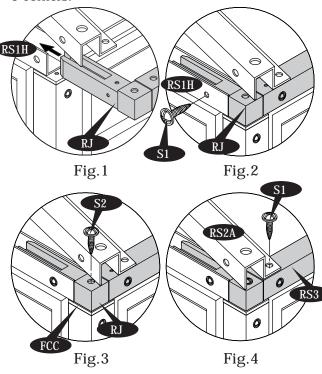


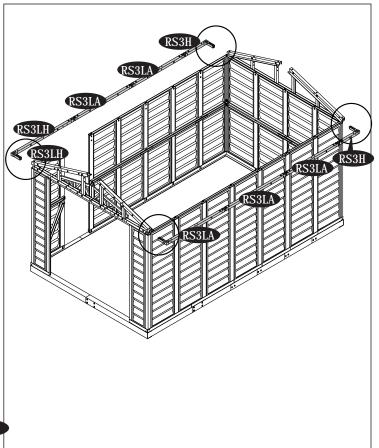


22. Insert the 90 degree joint (RJ) (assembled with (RS3) roof structure) into the roof structure (RS1H). See fig.1. Secure (RJ) to (RS1H) with (S1) screw. See fig.2. Secure (RJ) with (FCC) using (S2) screw. See f(x,y)

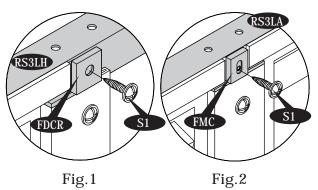
fig.3

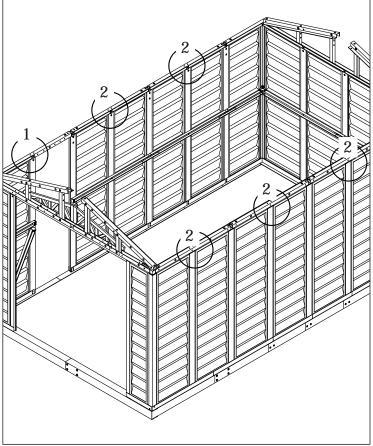
Fix (RS2A) to (RJ) through (RS3) assembly with (S1) screw. See fig.4. Repeat the same for other 3 corners.





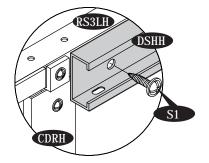
 $23. \ {\rm Fix} \ ({\rm RS3}) \ {\rm assembly} \ {\rm to} \ {\rm middle} \ {\rm column} \ {\rm fitting}$ (FMC) & door column fitting (FDCR) with (S1) screws. See fig.1&2.

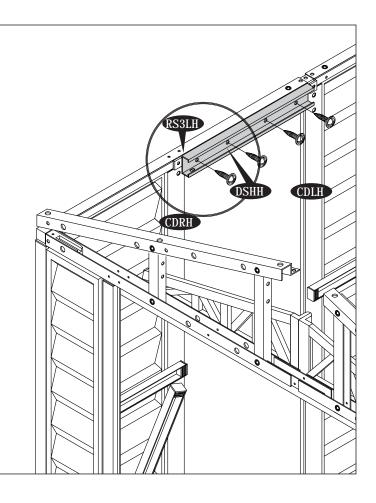


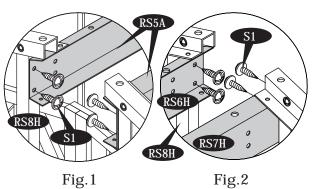


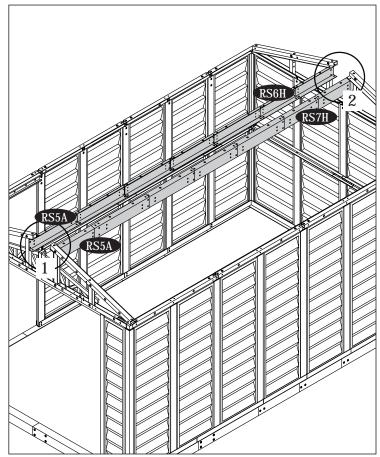


 $24. \ \ {\rm Fix \ the \ door \ stopper \ (DSHH) \ to \ the \ roof \ structure \ (RS3LH) \ with \ (S1) \ screws.}$



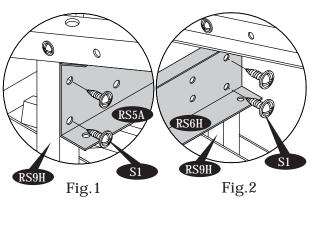


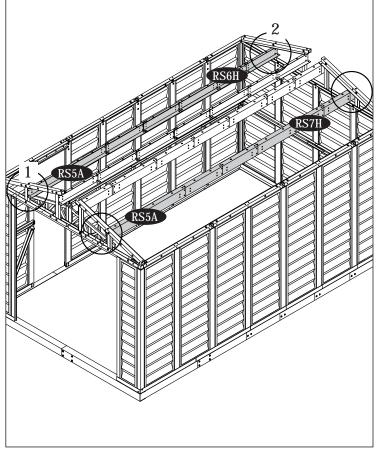




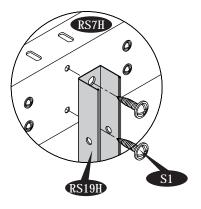


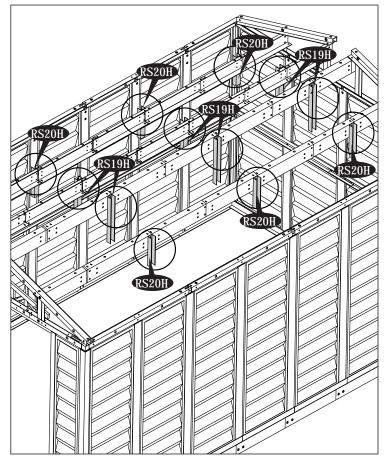
26. Place the assembled roof structure (RS5A) & (RS6H) into position on roof structure supports (RS9H) at the left side of the shed. Use (S1) screws to fix. See fig.1&2. Repeat the same for assembling (RS5A) & (RS7H) assembly.





 $\begin{array}{l} 27. \ \, \mbox{Fix the vertical support (RS19H) \& (RS20H)} \\ \mbox{to (RS5) assembly with (S1) screws.} \\ \mbox{Add two (RS19H) \& (RS20H) for each Extension.} \end{array}$



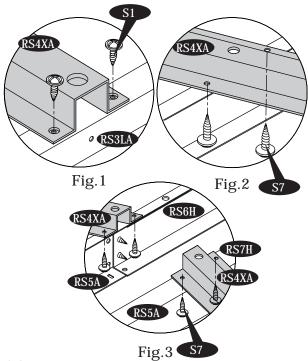




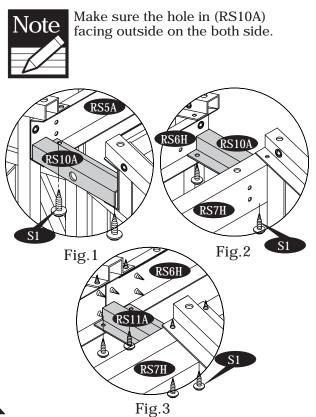
28. Attach the roof structure (RS4XA) 12 nos. to (RS3LH) & (RS3LA) assembly with (S1) screws. See fig.1.

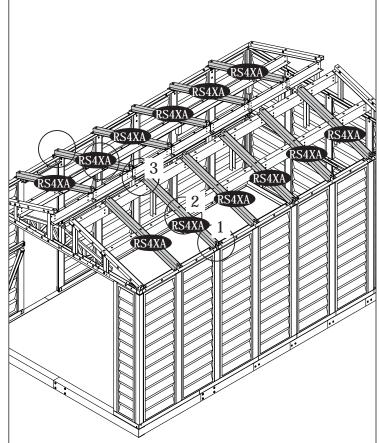
Attach the roof structure (RS4XA) to (RS5A), (RS6H) assembly and (RS5A), (RS7H) assembly with (S7) screws. See fig.2&3.

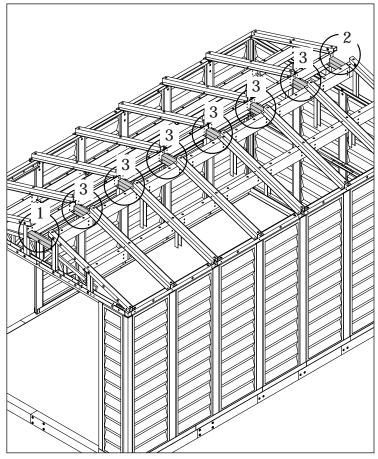
Add two (RS4XA) for each Extension.



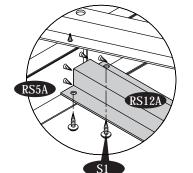
29. Attach roof structure support (RS10A) & (RS11A) to roof structures (RS5A), (RS6H) & (RS7H) using (S1) screws. See fig.1,2&3. Add one (RS11A) for each Extension.

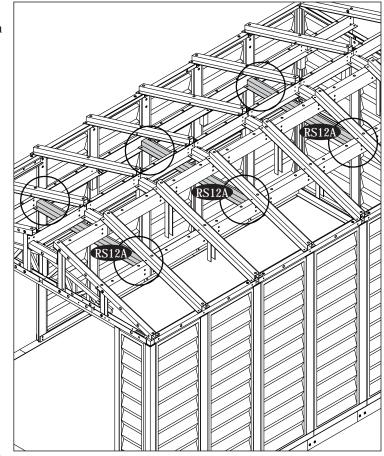




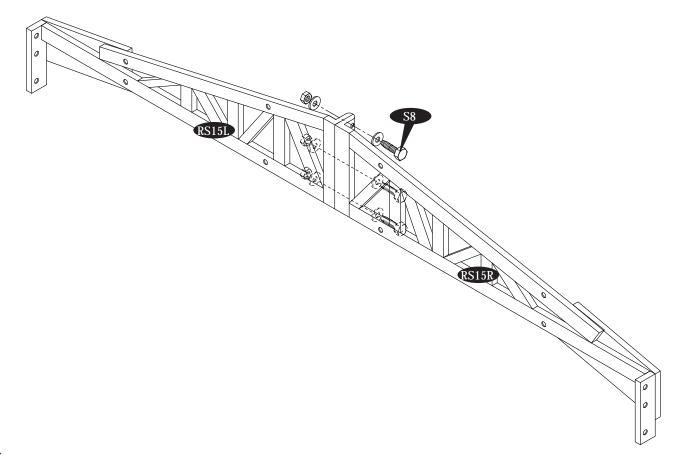


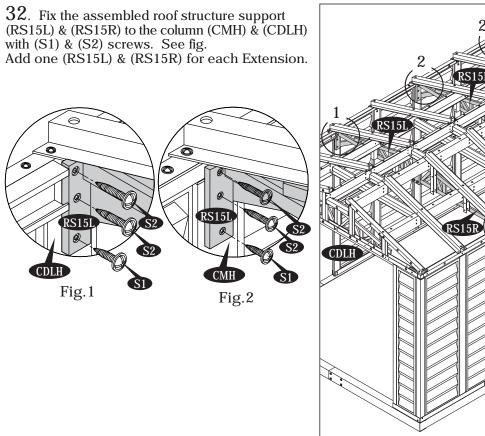
 $30. \ \, {\rm Attach} \ \, {\rm the \ roof} \ \, {\rm structure \ \, support} \ \, ({\rm RS12A}) \ \, {\rm with} \ \, ({\rm RS5A}) \ \, {\rm to} \ \, ({\rm RS5A}) \ \, {\rm and} \ \, ({\rm RS6H}) \ \, {\rm to} \ \, ({\rm RS7H}) \ \, {\rm with} \ \, ({\rm S1}) \ \, {\rm screws}.$

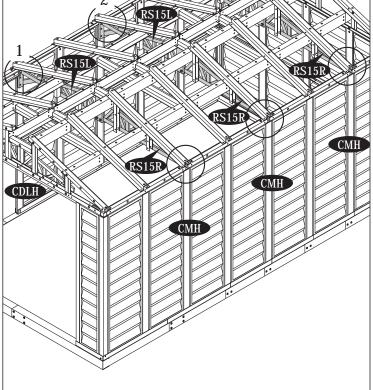




 $\begin{array}{l} 31. \ \text{Assemble the roof structure support (RS15L)} \\ \& \ (RS15R) \ \text{together with (S8) bolt \& nut with} \\ \text{washers.} \\ \text{Make three sets.} \end{array}$



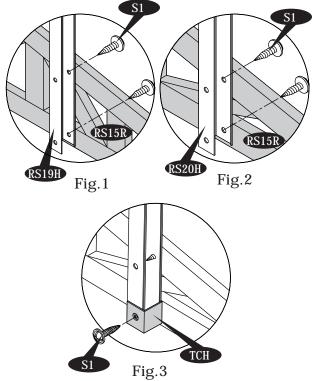


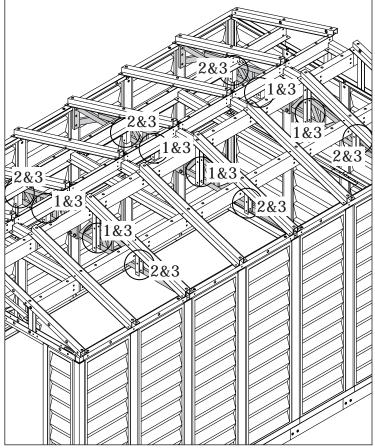


RS15I

33. Attach the roof structure support (RS15L) & (RS15R) assembly to (RS19H) & (RS20H) with (S1) screws. See fig.1&2. Fix the cover (TCH) at the bottom of (RS19H) & (RS20H) with (S1) screws. See fig.2

(RS20H) with (S1) screws. See fig.3.





D. Roof panels

Parts Needed:

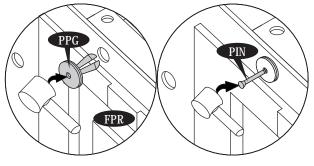
(12)	Roof Panels	(RP ↑)		
(2)	Facia Panel Left	(FPL)		
(2)	Facia Panel Right	(FPR)		
(6)	Ridge Cover Small	(RRS)		
(128)	Roof Plug with Washer	(PPG)		
(128)	Roof Pin	(PIN)		
(24)	Sagging Support	(RS14A)		
Parts Needed For each Extension:				
(2)	Roof Panels	(RP∱)		

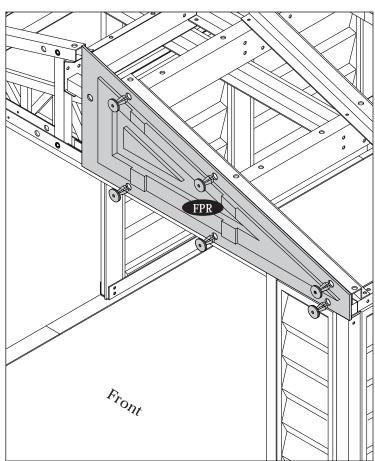
- (1) Ridge Cover Small (RRS)
- (58) Roof Plug with Washer (PPG)
- (58) Roof Pin (PIN)
- (4) Sagging Support (RS14A)

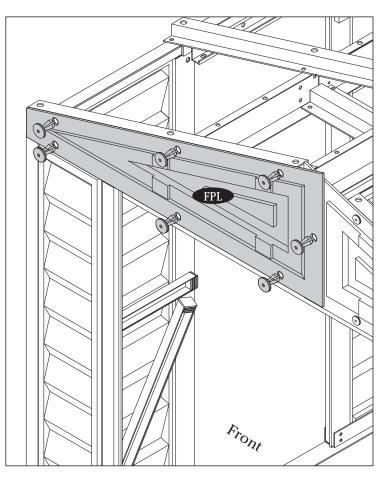
1. Place facia panel (FPR) to front roof structure right side. Line up the holes with roof structure and fix the roof plugs with washer (PPG). Use a hammer (rubber mallet) to drive in roof pin (PIN). See fig.1&2.



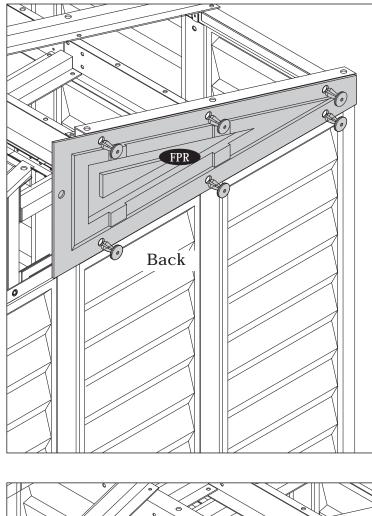
First insert all roof plugs with washers to the panels (left & right) then drive in the roof pins.

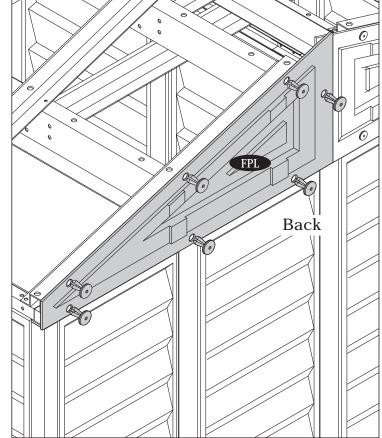






 $3. \ \mbox{Place facia panel (FPR) to back roof structure right side. Repeat the same step 1. }$







5. Start attaching the roof panels from (FPL) corner side by sliding the roof panel (RP1) to roof structure. Locate the hole positions of the roof panel and roof structure. Fix roof plug with washers. Use a hammer to drive in roof pins. See fig.

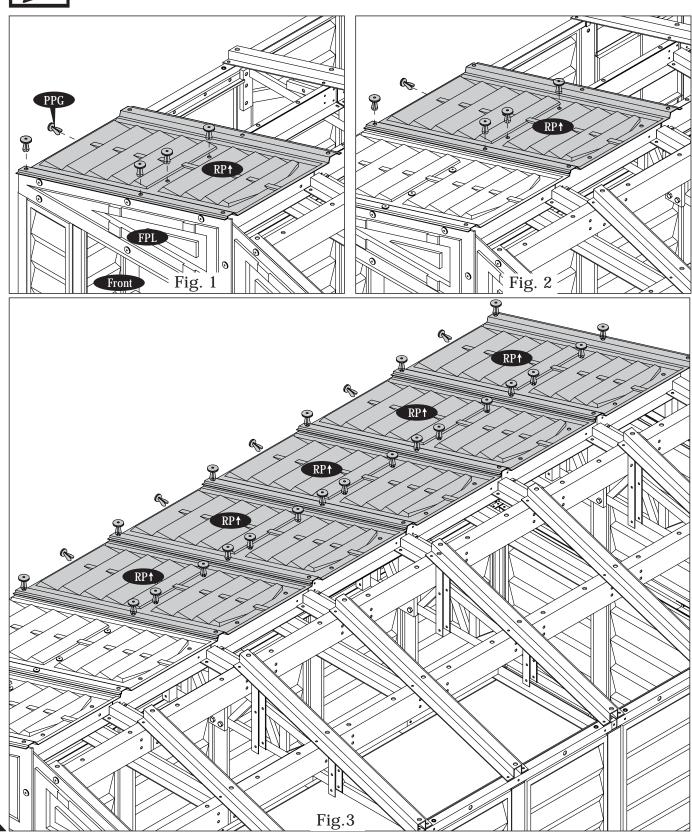


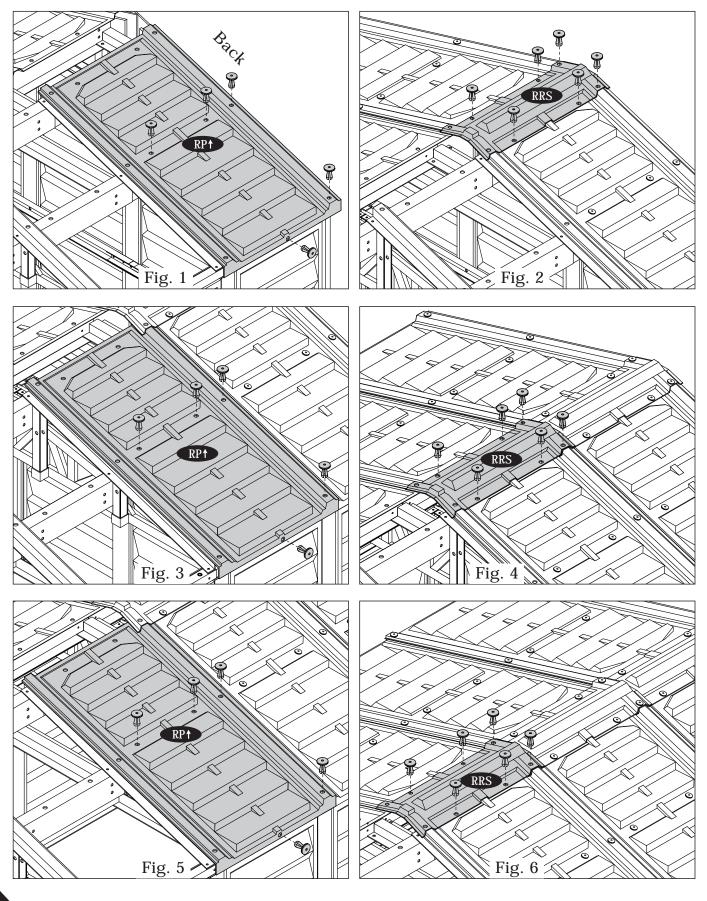
Use a screw driver to align the holes.

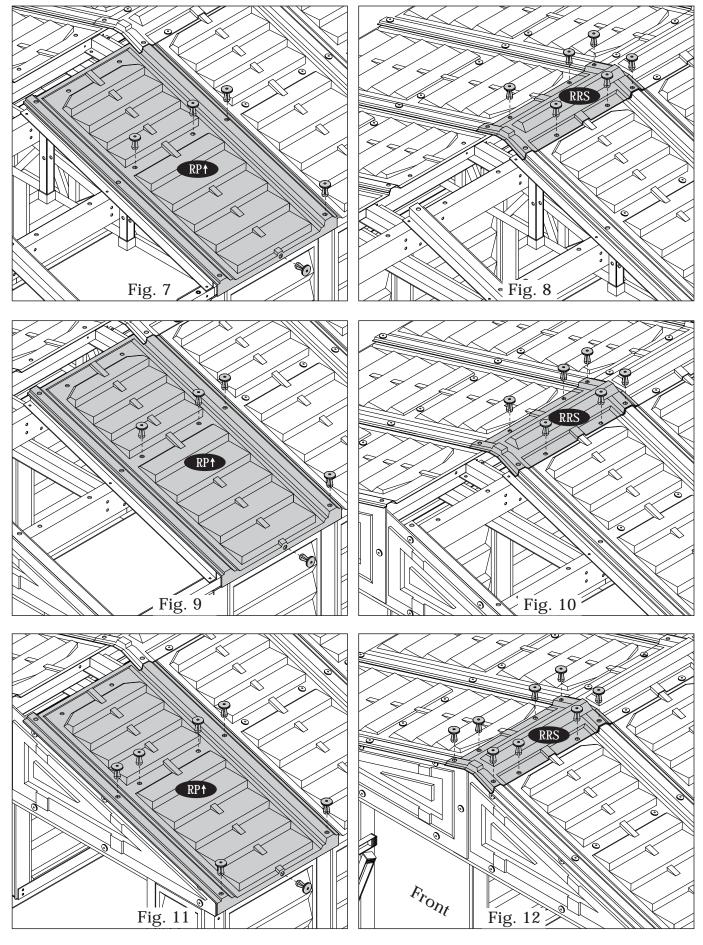
Insert roof plugs into roof panels only as indicated.



Roof Panel installation by using ladder from inside at missing Panels.







 $\begin{array}{l} 7. \ \mbox{Insert the sagging support (RS14A) from inside the shed by sliding in between roof structure (RS5) and roof panel until it reaches (RS3) roof structure for each panel. See fig.1. \end{array}$

 $\begin{array}{l} 8. \ \mbox{Insert the sagging support (RS14A) from inside the shed by sliding in between roof structure (RS5) and roof panel until it touches the other roof structure (RS5). See fig.2. \end{array}$

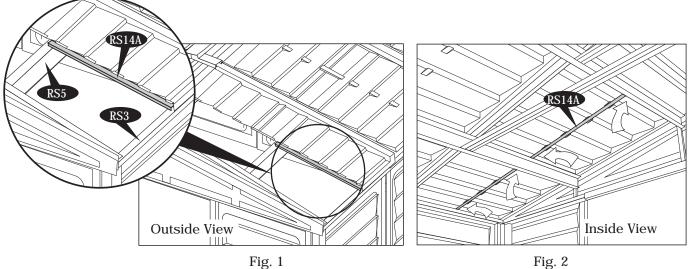


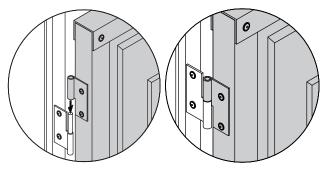
Fig. 1

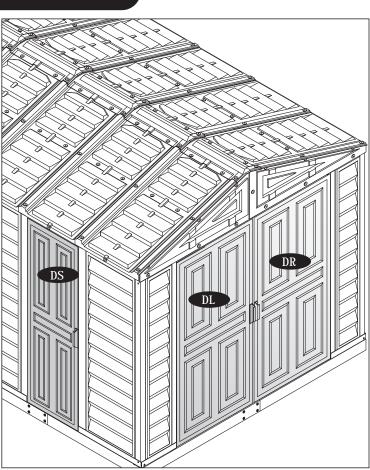
E. Doors

Parts Needed:

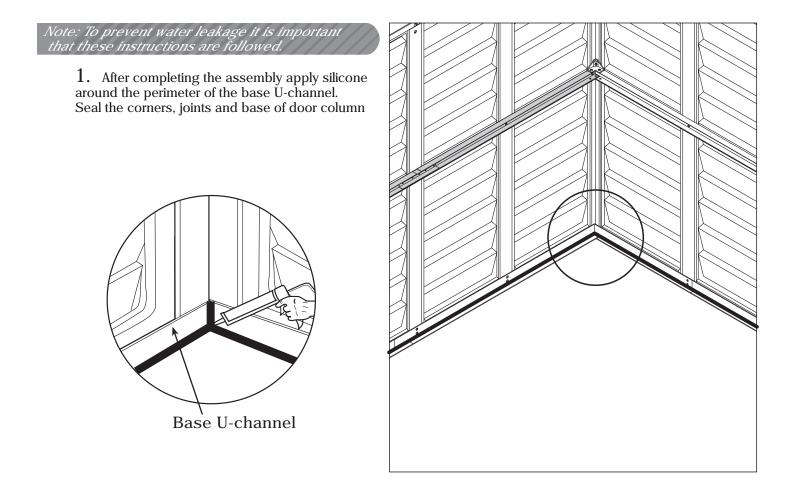
(1)	Door Left	(DL)
(1)	Door Right	(DR)
(1)	Door Small	(DS)

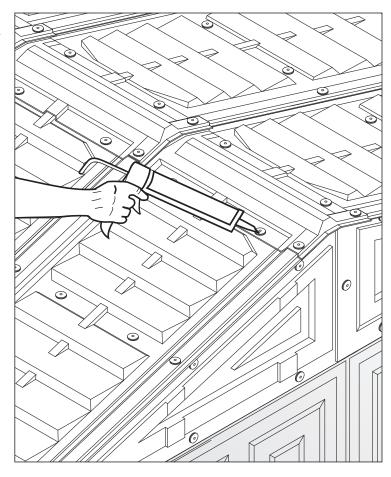
 $1. \ \ {\rm Attach \ the \ doors \ with \ loose \ pin \ hinges \ on \ door \ columns. \ \ {\rm See \ fig.}}$













F. Ventilation Kit

ACCESSORIES

CODE	DESCRIPTION	QTY
VC	VENTILATION COVER	2
VCP	VENTILATION COVER PIN	4

TOOLS YOU WILL NEED

Power Drill Dia 5/32" (4.2mm) drill bit Dia 1/2" (12.5mm) drill bit

Optional ventilation kits can be installed on any of the wall panels. However, we recomend mounting them on the top of the shed's back wall.

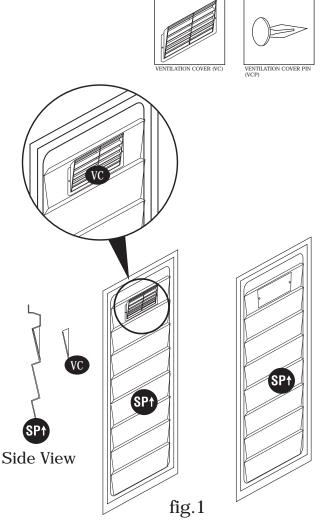
1. Place the ventilation cover (VC) as shown in fig.1. Using a pencil, mark the two side hole locations.

2. On the marked hole locations, drill out two holes using dia. 5/32" (4.2mm) drill bit as shown in fig.2. These holes will be used to attach the ventilation cover with the ventilation cover pins (VCP).

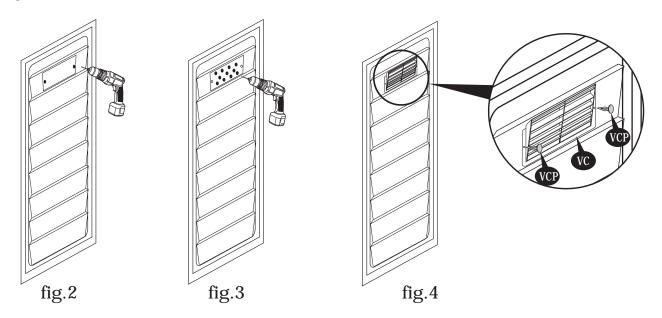
3. Use a dia. 1/2" (12.5mm) drill bit to drill out as many holes as desired behind the ventilation cover mounting area as in fig.3.

4. Attach the ventillation cover (VC) with the ventilation cover pin (VCP) as in fig.4.

5. Repeat the same to fix the second ventilation cover.



Outside



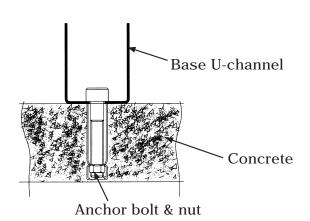
High wind area installation instructions

Note: To ensure that your shed withstands high winds, you will need the following reinforcement.

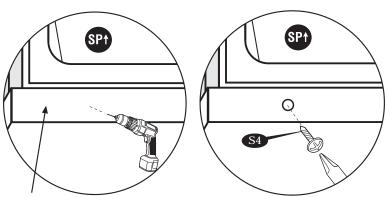
Parts needed:

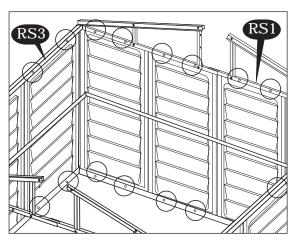
CODE	DESCRIPTION	QTY	
S4	DIA. 4.2 x 16mm. (5/32" x 5/8") SHEET METAL SCREW	68	(not included with shed)
S5	M6 x 40mm. $(1/4" \times 1 1/2")$ Anchor bolt with nut	51	(not included with shed)

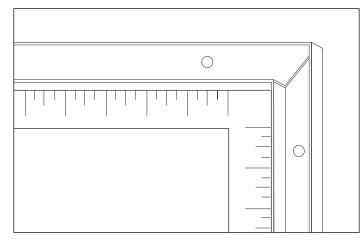
1. Shed or shed foundation should be placed on concrete footing by use of anchor bolt and nut. Using a carpenters square, line up corners. Align U-Channel base, mark the concrete through the holes in the base and drill concrete with 1/2" (dia. 12.5mm) concrete bit to accept anchor bolts to a 1 3/4" (44mm) depth. Replace base and secure with 1/4" x 1 1/2" (M6 x 40mm) anchor bolts. See fig.



2. Attach each side panel (SP \uparrow) on the bottom to the U-channel base. Using a dia. 3mm (1/8") drill with a power drill, make two equal distance holes on the U-channel base through the side panel. Drive a self tapping screw (S4) through the base U-channel to the side panel. Repeat this for every side panel. See blowup.

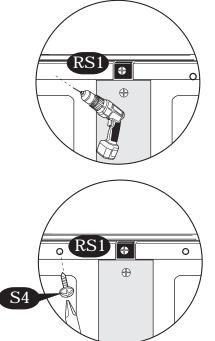


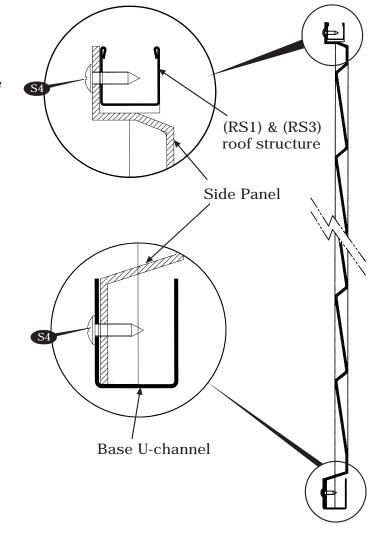






3. Attach each side panel (SP \uparrow) on top to the roof structure (RS1) and (RS3). Using a dia. 3mm (1/8") drill with a power drill, make two equal distance holes on the side panel through the roof structure. Drive a self tapping screw (S4) through the side panel to the roof structure. Repeat this for every side panel. See blowup.



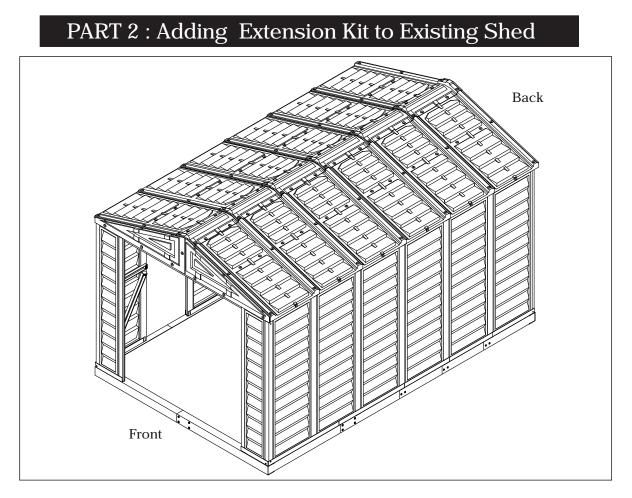




The Duramax shed has been tested and passed wind loads of up to 115 mph in a controlled laboratory environment. Natural high wind areas create wind at unpredictable speeds that are very difficult to capture accurately by location. As such we cannot guarantee the performance of the shed in these extreme situations.

"We recommend to clear snow from the Roof top after each Snowfall."





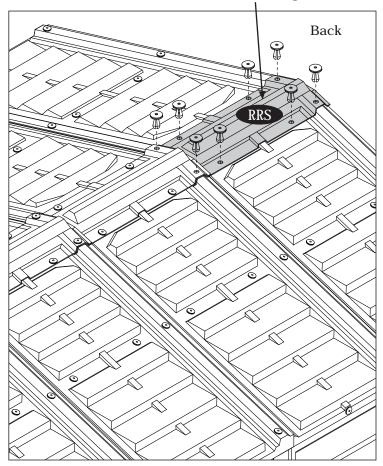
1. Remove one ridge cover (RRS) from the back side . See the figure.

Remove this Ridge cover.



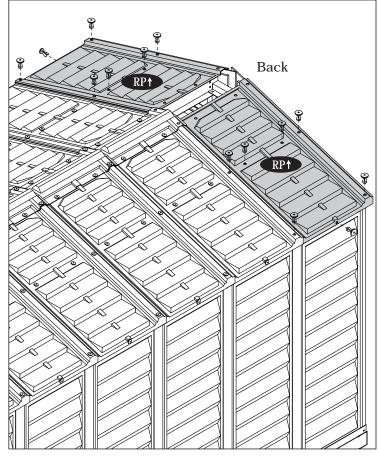
Use a drilling machine to remove the pins and plugs from the ridge cover, roof panel and facia panel. Care should be taken not to damage the panels.

Extra pins, plugs and washers are available in the accessory box.

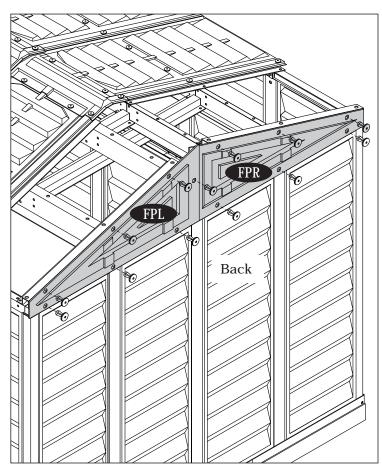




2. Remove from back side left and right roof panel (RP1). See the figure.



 $\begin{array}{l} \textbf{3.} \text{ Remove from back side left and right Facia Panel} \\ \textbf{(FPL) & (FPR). See the figure.} \end{array}$

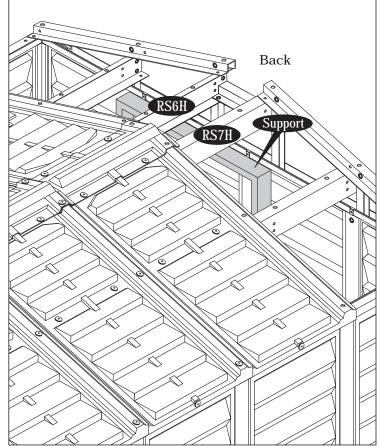




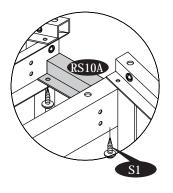
4. Support the roof structure (RS6H) & (RS7H) by using an appropriate support to avoid the roof structure from collapsing.

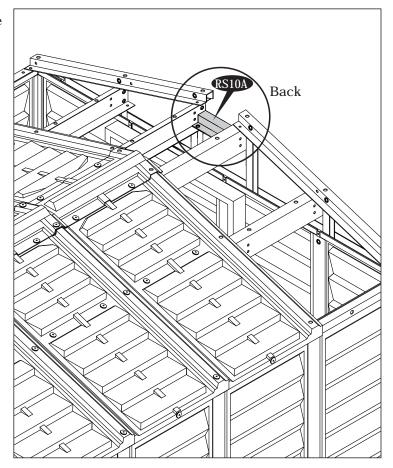


Support not included.

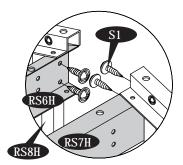


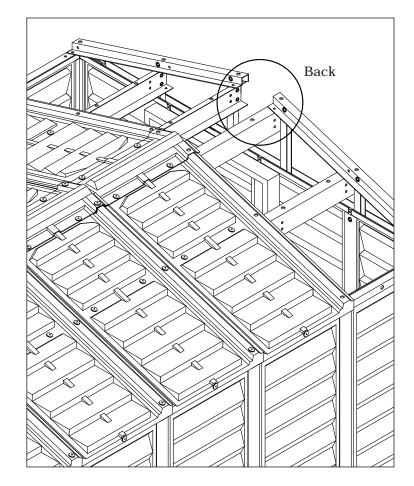
 $5.\ensuremath{\,\text{Remove}}$ from back side (RS10A) Roof Structure Support.



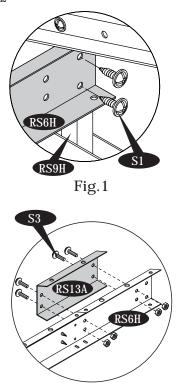


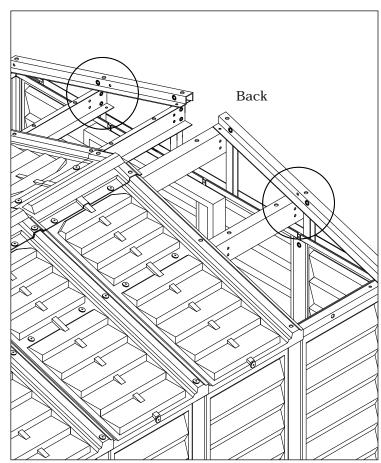
6. Remove (RS6H) & (RS7H) from (RS8H).





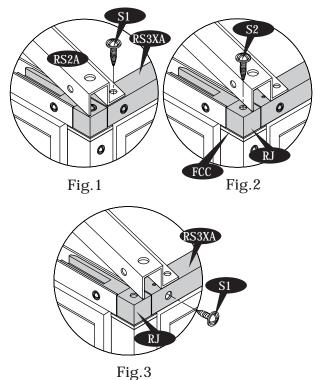
 $\begin{array}{l} \textbf{7. Remove (RS6H) \& (RS7H) from (RS9H).} \\ \textbf{See fig. 1.} \\ \textbf{Remove (RS13A) from (RS6H) \& (RS7H).} \\ \textbf{See fig. 2} \end{array}$

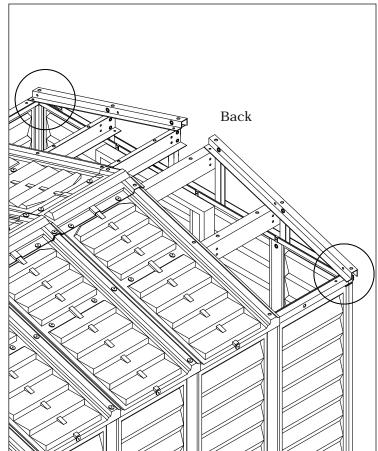




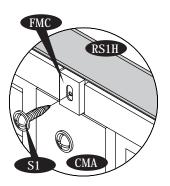


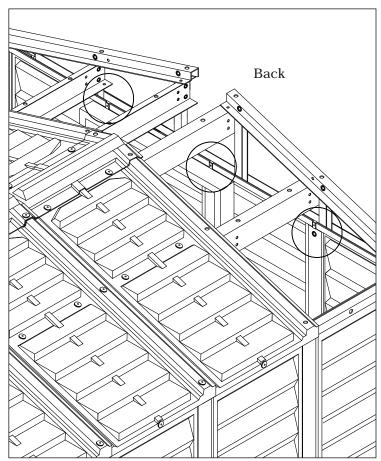
 $\begin{array}{l} \textbf{8}. \ \text{Detach roof structure (RS2A) from (RS3) from both corner. see fig.1.} \\ \text{Detach 90-degree joint (RJ) from corner column fitting (FCC) from both corner. See fig.2.} \\ \text{Detach (RS3XA) from 90 degree joint (RJ) from both corner. See fig.3.} \end{array}$





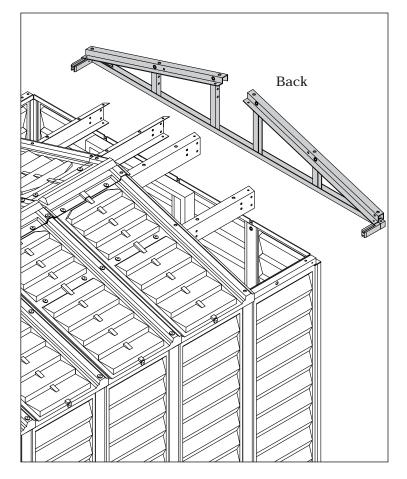
 $9. \enskip \text{Detach the middle column fitting (FMC) from roof structure aseembly (RS1H).}$





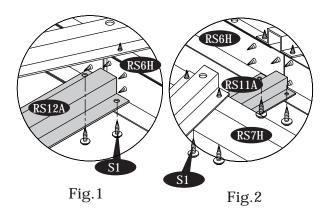


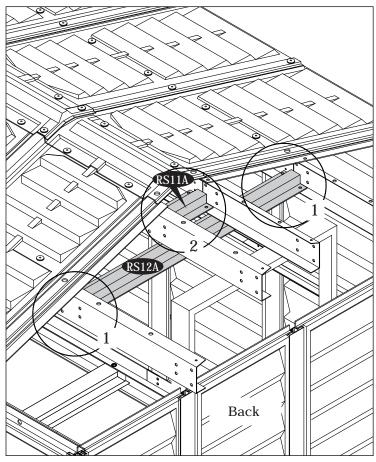
 $10. \ \mbox{Pull the back roof structure assembly}. See fig.$





After complete the extension assembly of (RS6H) & (RS7H), fix again (RS11A) & (RS12A) at the same position.

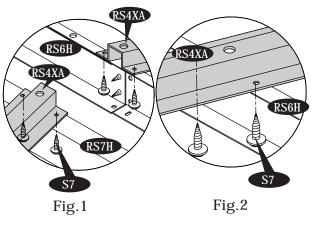


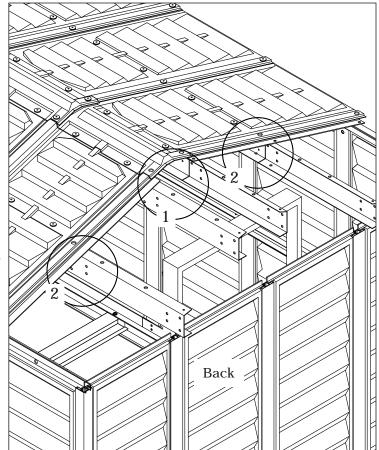


 $12. \ \mbox{Detach} (\mbox{RS4XA}) \ \mbox{from} (\mbox{RS6H}) \ \& \ \mbox{(RS7H)} \ \mbox{assembly}.$

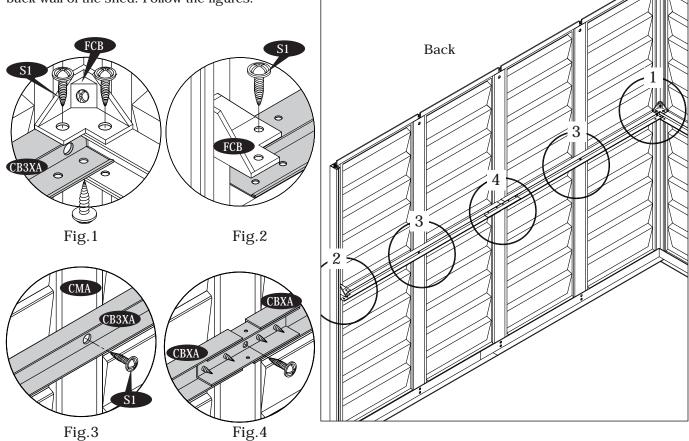


After complete the extension assembly of (RS6H) & (RS7H), fix again (RS4XA) at the same position.

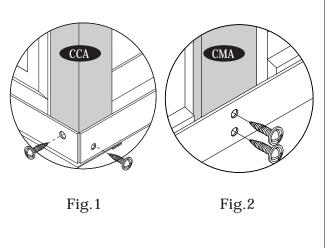


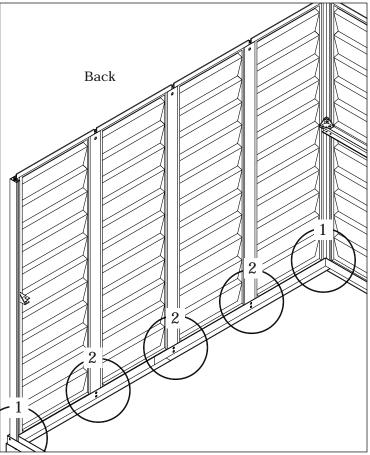


 $13. \ {\rm Remove \ the \ center \ band \ assembly \ from \ the \ back \ wall \ of \ the \ shed. \ Follow \ the \ figures.}$

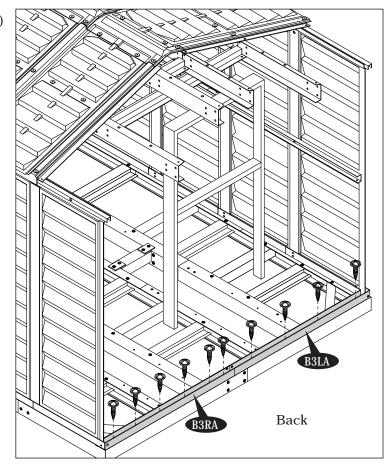


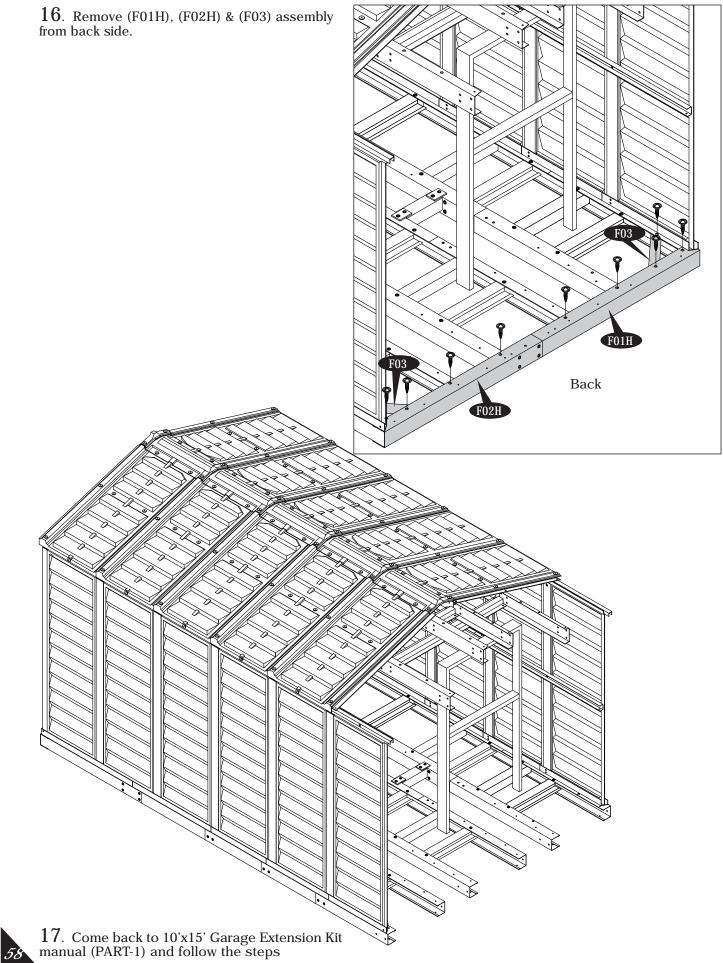
 $14. \ {\rm Remove \ the \ Corner \ column \ (CCA), \ Middle \ column \ (CMA) \ \& \ Side \ panels \ from \ back \ side \ of \ the \ shed. \ }$





 $15. \ \mbox{Remove the Base 'U' channel (B3LA) & (B3RA) from the foundation.}$







U.S. Polymers, Inc. 1057 S. Vail Ave Montebello, CA 90640, United States of America