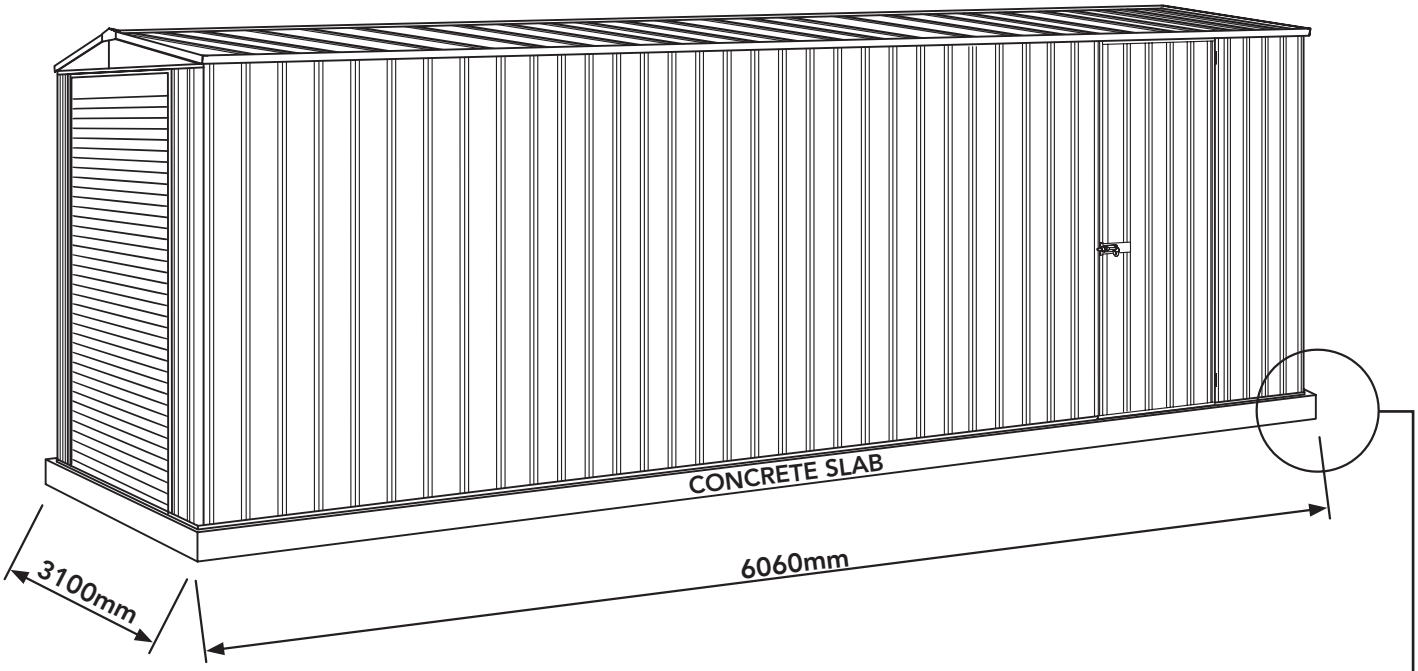
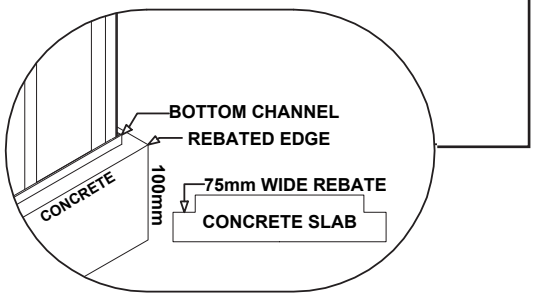
ABSCO HIGHLANDER GARAGE
MODEL: 3060HGK

3.00mW x 5.96mD x 2.30mH

AU: 1800 029 701
NZ: 0800 466 444

admin@absco.com.au
www.abscosheds.com.au





NOTE: This shed is not wind rated but can achieve wind rating: N2 as per AS4055-2021 with the additional purchase of a frame kit.

If you require a higher wind rating please contact us: admin@absco.com.au or 1800 029 701

When laying concrete slab, ensure there is a rebated edge 25mm deep around the perimeter. This will help water egress from the base of the shed.

DOWNLOAD OUR APP FOR ASSEMBLY VIDEOS

SCAN ME

PLEASE LEAVE A REVIEW

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Visit www.abscosheds.com.au/review

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3.00mW x 5.96mD x 2.30mH

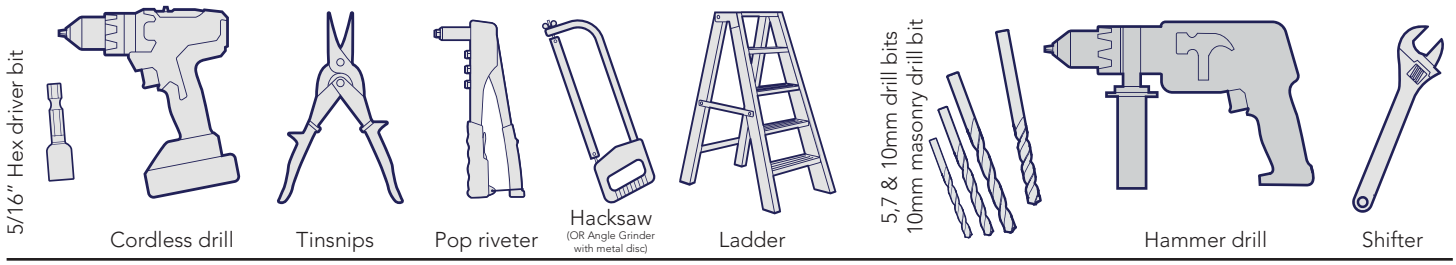
GENERAL INSTRUCTIONS

- Before commencing any assembly, read through these instructions in detail to gain a thorough understanding of assembly methods and associated details.
- Unpack the carton and carefully identify and check off all the parts against the parts described and illustrated on "COMPONENTS PACKING LIST" pages.
- Local authority approval must be obtained prior to construction of the shed. Once you have selected your site you will need to lodge a site plan to your local council.

SITE PREPARATION

- The site for the shed must be level. An uneven surface may result in misalignment of parts.
- The shed shall be erected on top of a reinforced concrete slab and anchored down appropriately illustrated on "FINAL CONSTRUCTION" page. **If using a rebated slab ensure that all frame uprights are trimmed 25mm.**

TOOLS REQUIRED



SAFETY NOTES

- Some parts may have sharp edges. It is advisable to wear gloves when handling these items and safety glasses if drilling holes. Sensible shoes are highly recommended.
- Do not erect your shed in windy conditions.
- It is highly recommended to erect the shed with two or more people.
- Do not sit, stand or walk on the roof of your shed.

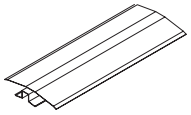
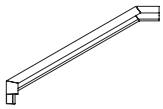
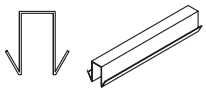
RECOMMENDED

ABSCO HIGHLANDER GARAGE MODEL: 3060HGK

3.00mW x 5.96mD x 2.30mH

COMPONENT PACKING LIST

Check off all components.

MAIN PACK CARTON (PACK 1 OF 4)							
QTY	**COMPONENT DESCRIPTION**	**PART NO.**	**CHK**	**QTY**	**COMPONENT DESCRIPTION**	**PART NO.**	**CHK**
1	 STEEL SHEET 1974mm X 773mm	F		1	 STEEL SHEET 2034mm X 731mm	H32	
16	 STEEL SHEET 1546mm X 773mm	45A		1	 STEEL SHEET 2034mm X 731mm	H33	
2	 STEEL SHEET 2034mm X 329mm	H39B		4	 RIDGE BEAM L = 1521mm	97A L/R	
2	 GABLE L/H L = 1475 mm	16L		2	 GABLE R/H L = 1475 mm	16R	
2	 BRACE L = 393mm	13A		3	 RIDGE BEAM JOINER L = 450mm	ZARSP	
THE FOLLOWING COMPONENTS ARE INCLUDED, YET NOT REQUIRED							
4x SHEETS (2x H26 + 2x H37 7x SHEETS (4x 63A + 2x HC1 + 1x HC2) 1x JAMB (HJ3) 4x HAT SECTIONS (99B) 2x 12A DOOR PLATES + 3x PADBOLTS 2x PADBOLT HASP							

Nominal sheet widths are shown. +/- 2mm is within tolerance.

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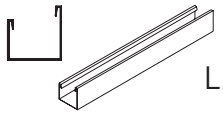
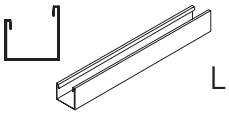
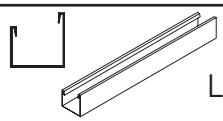
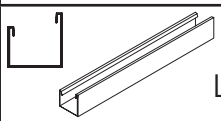
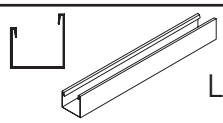
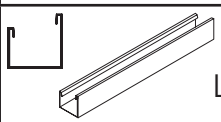
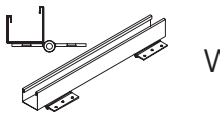
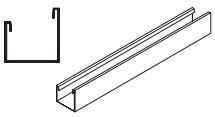
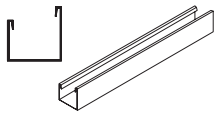
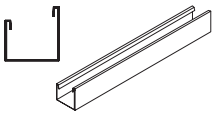
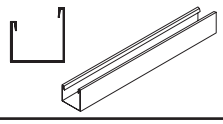
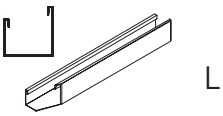
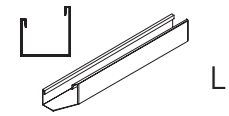
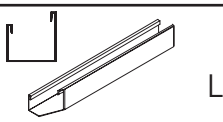
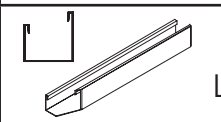
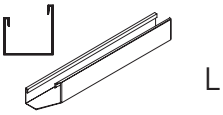
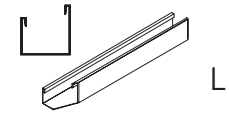
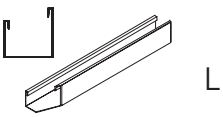
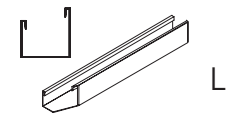
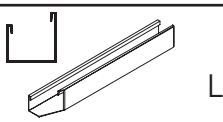
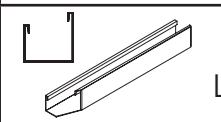
COMPONENT PACKING LIST

Check off all components.

CHANNEL SET							
QTY	COMPONENT DESCRIPTION	PART NO.	CHK	QTY	COMPONENT DESCRIPTION	PART NO.	CHK
1	 CHANNEL L = 1496.5mm	77CL		1	 CHANNEL L = 1496.5mm	77CR	
4	 CHANNEL L = 1496.5mm	60AL		4	 CHANNEL L = 1496.5mm	60AR	
5	 CHANNEL L = 1496.5mm	81AL		5	 CHANNEL L = 1496.5mm	81AR	
1	 CHANNEL WITH HINGES L = 1974mm	HC1		1	 CHANNEL L = 1974mm	HC2	
1	 CHANNEL L = 788mm	79B		2	 CHANNEL L = 773mm	58C	
2	 CHANNEL L = 329mm	81M					
NOTCHED CHANNEL							
1	 CHANNEL L = 1496.5mm	56AL		1	 CHANNEL L = 1496.5mm	56AR	
1	 CHANNEL L = 1496.5mm	56BL		1	 CHANNEL L = 1496.5mm	56BR	
3	 CHANNEL L = 1496.5mm	55BL		3	 CHANNEL L = 1496.5mm	55BR	
3	 CHANNEL L = 1496.5mm	81BL		3	 CHANNEL L = 1496.5mm	81BR	
1	 CHANNEL L = 1496.5mm	77BL		1	 CHANNEL L = 1496.5mm	77BR	

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COMPONENT PACKING LIST

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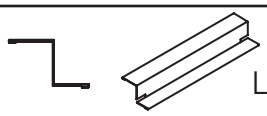
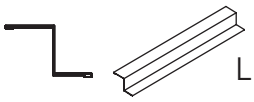
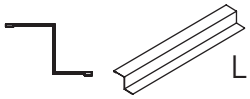
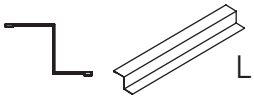
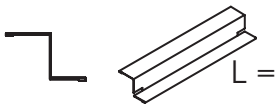
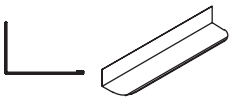
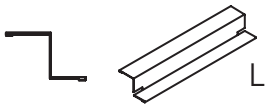
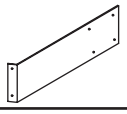
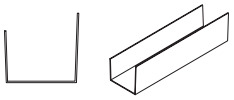
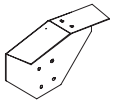
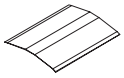
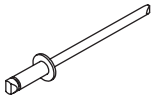
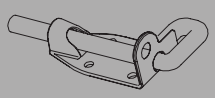
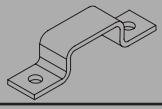
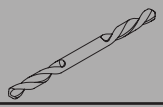
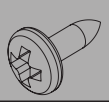
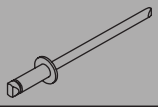
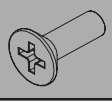
1	 JAMB L = 788mm	90B		1	 JAMB L = 2034mm	HJ1	
2	 JAMB L = 1120mm	91A		3	 JAMB L = 2034mm	HJ2	
1	 JAMB L = 1537mm	93L		4	 LIP TRIM L = 1546mm	87A	
1	 JAMB L = 797mm	93R					
INSTRUCTION & FITTINGS PACK							
1	 DOOR STRAP L = 165mm	12A		19	 CHANNEL JOINER	CSJ	
2	 CAP GABLE L = 170MM	14A		5	 RIDGE PLATE	RBP	
1	 RIDGE CAP JOINER	98A		24	 HEX HD TEK SCREW W/ NEO WASHER 10-16x16mm	FAST 033	
3	 3.2x8mm POP RIVETS	FAST 009		1	ASSEMBLY INSTRUCTION MANUAL		
2	PSTKSGL SINGLE DOOR FITTINGS PACK						
PSTKSGL - SINGLE DOOR FITTINGS PACK							
1	 DOOR PADBOLT	**FAST 006**		**1**	 PADBOLT HASP	**FAST 007**	
1	 3mm DRILL BIT	**DRILL**		**1**	 PHILLIPS DRIVER BIT	**FAST 038**	
1	 8G x 10 mm SELF TAPPING SCREW PACK 220	**FAST 001**		**6**	 3.2x8mm POP RIVETS	**FAST 009**	
6	 3/16" COUNTER SUNK SCREWS	**FAST 004**		**6**	 3/16" COUNTER SUNK NUTS	**FAST 005**	

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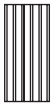
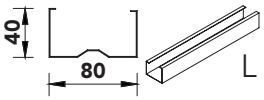
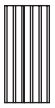
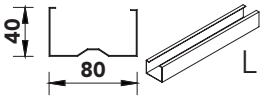
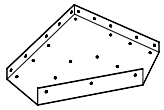
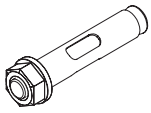
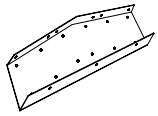
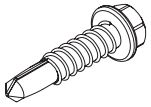
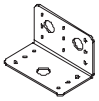
3.00mW x 5.96mD x 2.30mH

COMPONENT PACKING LIST

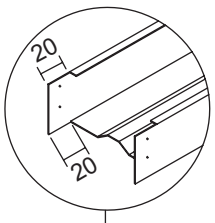
Check off all components.

MAIN PACK CARTON (PACK 2 OF 4)							
QTY	**COMPONENT DESCRIPTION**	**PART NO.**	**CHK**	**QTY**	**COMPONENT DESCRIPTION**	**PART NO.**	**CHK**
5	 STEEL SHEET 2034mm X 773mm	H30		4	 CHANNEL L = 1954mm	C1954	
12	 STEEL SHEET 2034mm X 773mm	H31		4	 CHANNEL L = 1482mm	C1482	
HIGH PORTAL FRAME ACCESORIES							
4	 KNEE PLATE	ZACO 193		8	 DYNABOLT	FAST 015	
4	 APEX PLATE	ZACO 194		300	 16mm TEK SCREWS	PACK WAFER 150	
4	 MULTI PURPOSE BRACCKET	BKT 17					

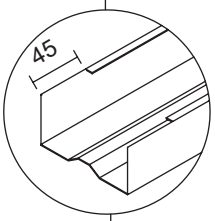
FRAME SECTION IDENTIFICATION GUIDE

The first letter of the part number is used to identify the notching type. EG. **K**2940, see below for reference list.
The following digits represent the overall length of the item.
EG. K**2940**
Part K2940 is a channel that is 2940mm long with a 20mm Tab notch at each end.

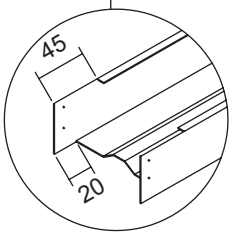
- **C** Straight cut to both ends.
- **J** 20mm Tab notch on one end only
- **K** 20mm Tab notch on both ends
- **L** 45mm Lip notch on one end only
- **M** 45mm Lip notch on both ends
- **N** 20mm Tab notch + 45mm Lip notch
- **P** 20mm Tab notch + 45mm Lip notch on both ends
- **R** One end: 20mm Tab notch + 45mm Lip notch
- **S** SPECIAL NOTCHING, not noted above.



20mm Tab notch



45mm Lip notch



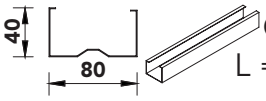
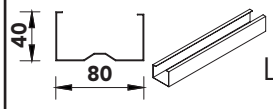
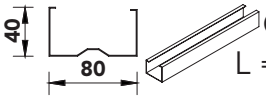
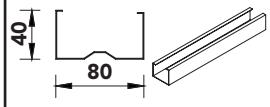
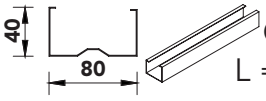
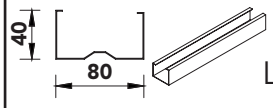
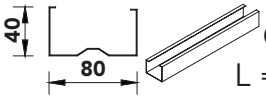
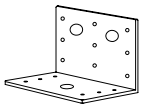
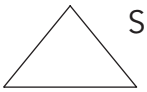
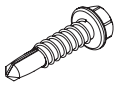
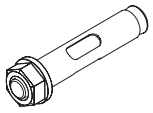
20mm Tab notch + 45mm Lip notch

ABSCO HIGHLANDER GARAGE MODEL: 3060HGK

3.00mW x 5.96mD x 2.30mH

COMPONENT PACKING LIST

Check off all components.

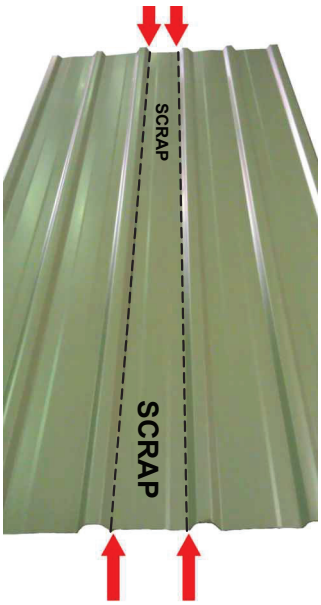
HIGH GARAGE FRONT FRAME PACK							
QTY	**COMPONENT DESCRIPTION**	**PART NO.**	**CHK**	**QTY**	**COMPONENT DESCRIPTION**	**PART NO.**	**CHK**
2	 CHANNEL L = 2300mm	C2300		10	 CHANNEL L = 285mm	K0285	
2	 CHANNEL L = 2070mm	N2070		2	 CHANNEL L =240mm	C0240	
2	 CHANNEL L = 2034mm	C2034		2	 CHANNEL L = 100mm	C0100	
2	 CHANNEL L = 1484mm	M1484		1	HIGH FRONT FRAME FITTINGS PACK (SEE BELOW)		
HIGH FRONT FRAME FITTINGS PACK CONTENTS							
10	 MULTI PURPOSE BRACKET	BKT17		1	 SMALL TRIANGLE PLATE		
150	 SELF DRILLING 16mm TEK SCREW	PACK WAFER 150		6	 10mm DYNA BOLT	FAST 015	
ROLLER DOOR PACK							
ROLLER SHUTTER UNIT WITH TRACKS							

ABSCO HIGHLANDER GARAGE MODEL: 3060HGK

3.00mW x 5.96mD x 2.30mH

Guide on Splitting Sheets

- This product comes with a perforated sheet that is designed to be split into two smaller sheets.
- **These sheets have sharp edges. Once separated please use appropriate foot and hand protection when handling.**
- In order to split the sheet lay it on the ground and lift and fold one end until the perforations have cleanly snapped.
- Discard the middle piece as scrap when convenient. Fold the scrap piece in half two or three times and throw in garbage.



Check sheet for perforations

Fold first side of sheet until free

Fold middle section of sheet until free

Discard middle piece

SPLITTING SHEET 39B						
QTY	COMPONENT DESCRIPTION	PART No.		QTY	COMPONENT DESCRIPTION	PART No.
1	STEEL SHEET 2034mm X 773mm	H39	=	2	STEEL SHEET 2034mm X 329mm	H39B

ABSCO HIGHLANDER GARAGE MODEL: 3060HGK

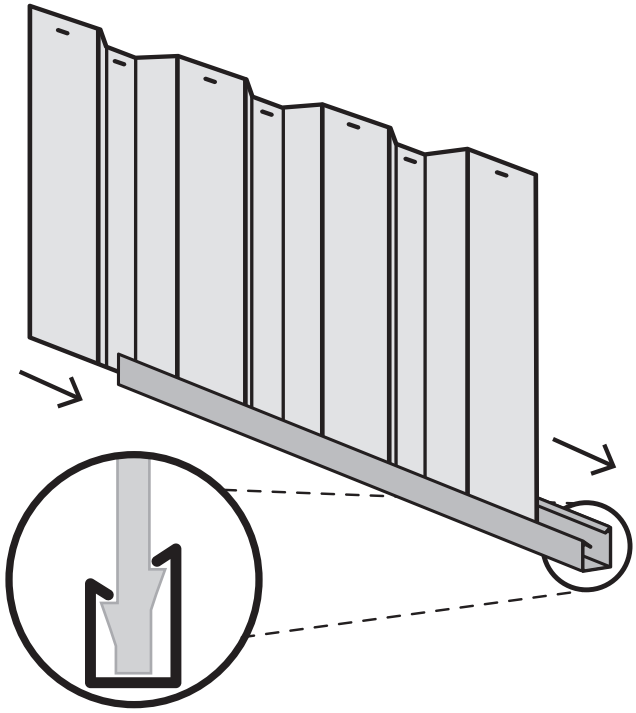
3.00mW x 5.96mD x 2.30mH

SNAPTiTE ASSEMBLY GUIDE

The Snaptite Assembly System locks end channels to all roof and wall sheets without the need for tools and fasteners.

To assemble each panel, the perimeter channels are secured to the top and bottom of each panel. Gently tap the channel over the SNAPTiTE lugs on the sheet, working along the sheet.

Each perimeter channel must finish flush with the edges of the sheets. Simply tap the channel along the sheets until each end is neatly flush. If you need to remove channels from the panels, slide it off from the side.



SNAPTITE
World's Easiest Assembly System
UNIQUE PATENTED SYSTEM

Channel locks the shed panel into position without the need for screws!

FASTENING SYMBOLS

SNAPTiTE — Secure channel to sheeting by SNAPTiTE fastening method.

Join components together with one screw at this location only, as some channels have extra holes that are not required for this model of shed.

Do not join components together at this location yet, as the screws may obstruct further assembly of the other components.

D — Join components together by pre-drilling the holes first. Use one component as template to mark where the holes are and drill with a 3mm drill bit.

3mm pop rivet

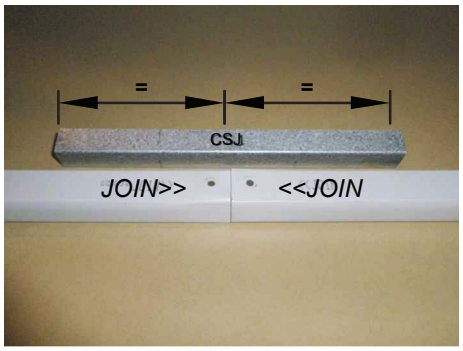
4mm nut and bolt set.

ABSCO HIGHLANDER GARAGE MODEL: 3060HGK

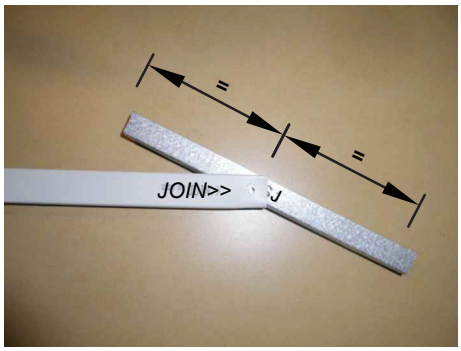
3.00mW x 5.96mD x 2.30mH

Guide on Joining Spliced Channels

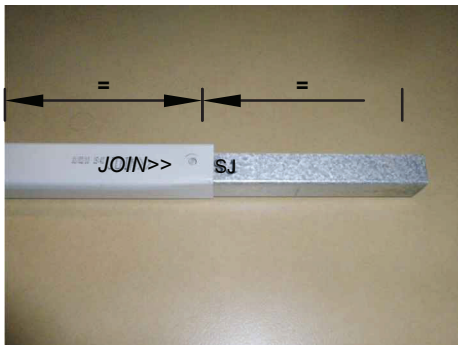
The text marked on all parts must be shown on the same side as each other



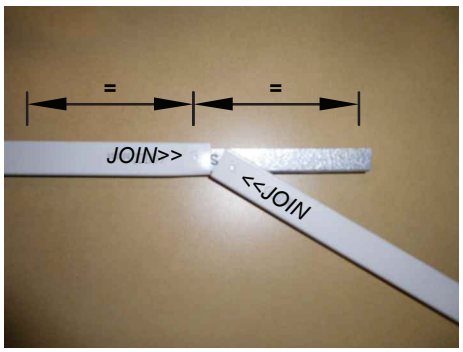
Step 1.
Position the channels and the CSJ joiner so the centre of the CSJ is in line with the end of each channel to be joiner together.



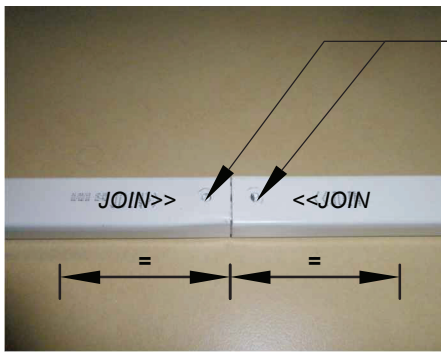
Step 2.
Join the first channel to the CSJ by inserting the centre of the CSJ, on an angle, to the end of the channel where the JOIN>> text is marked.



Push down one side of the CSJ until you hear a 'click'.

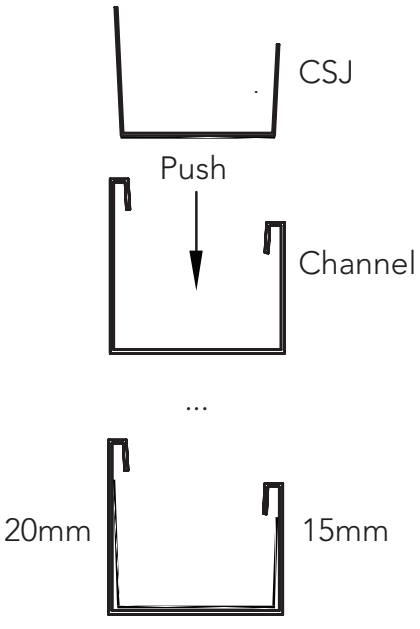


Step 3.
Join the second channel to the CSJ by positioning the <<JOIN of the channel at the centre of the CSJ, on an angle. Push the CSJ into the channel until you hear a 'click'.



Finished Channel.
The joined channels should now look like the picture with the CSJ positioned equally inside of the joined channels.

Drill out holes with 3mm drill bit in CSJ to match the holes in channel. Drilling of screws on the joined channels is being done after sheets are locked on the spliced channels.



Finished Spliced Channel

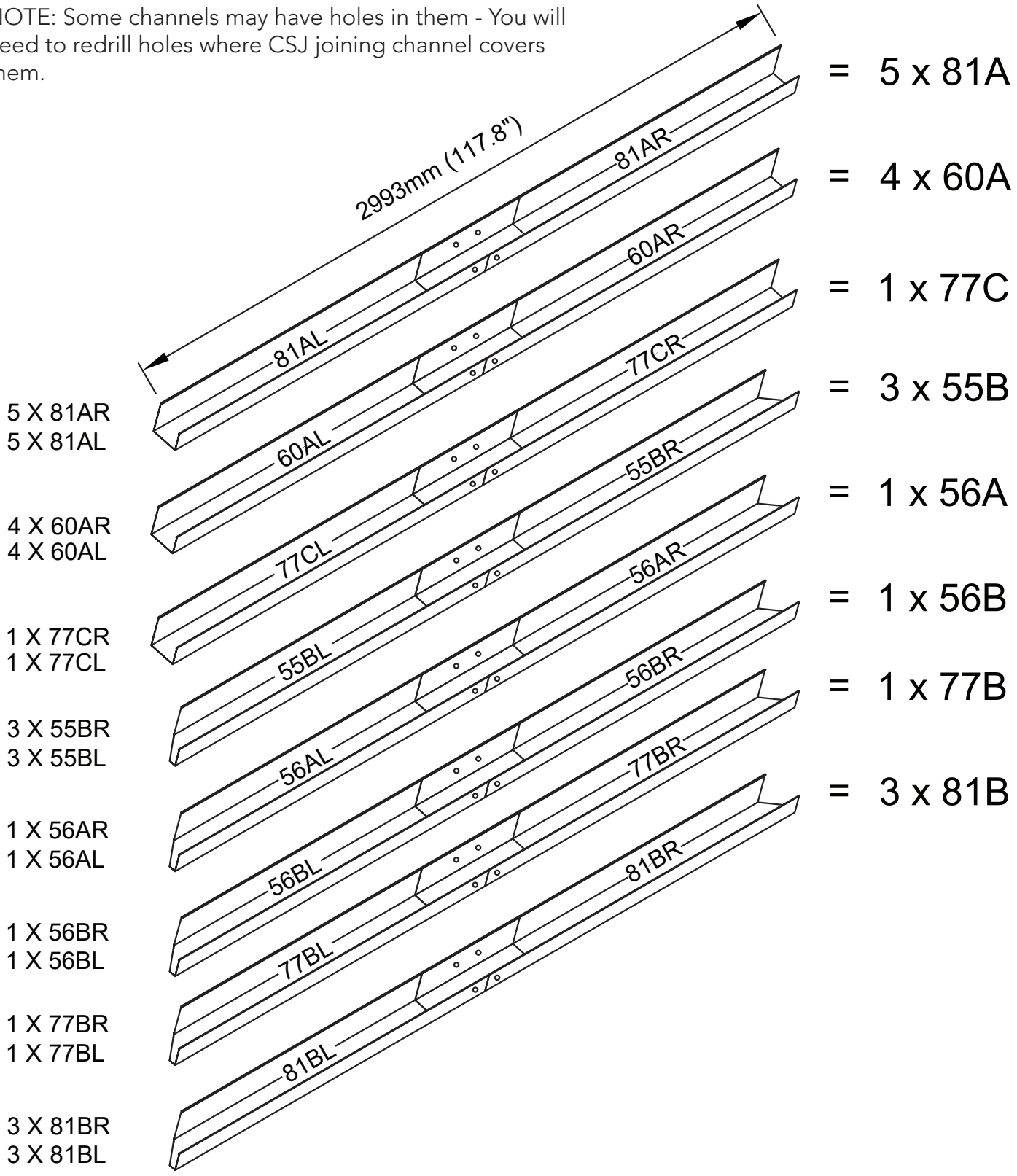
ABSCO HIGHLANDER GARAGE MODEL: 3060HGK

3.00mW x 5.96mD x 2.30mH

PRE-ASSEMBLY OF SPLICED CHANNELS

Join together 38x channel sections using 19x channel joiners (Part CSJ)

NOTE: Some channels may have holes in them - You will need to redrill holes where CSJ joining channel covers them.



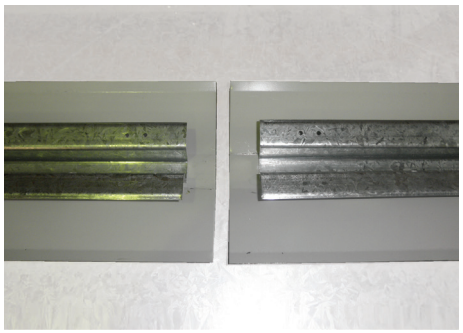
ABSCO HIGHLANDER GARAGE MODEL: 3060HGK

3.00mW x 5.96mD x 2.30mH

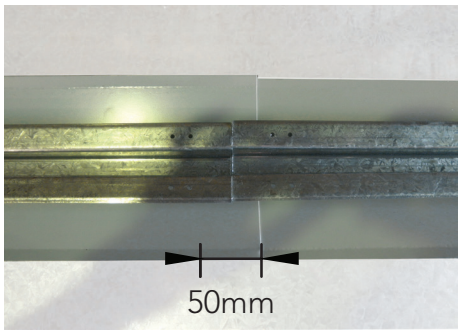
Guide on Joining a Spliced Ridge Beam

Follow these three steps to assemble a ridge beam.

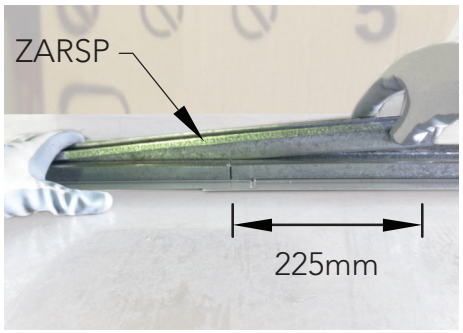
If present, remove plastic coating from top side of ridge beam capping before assembly.



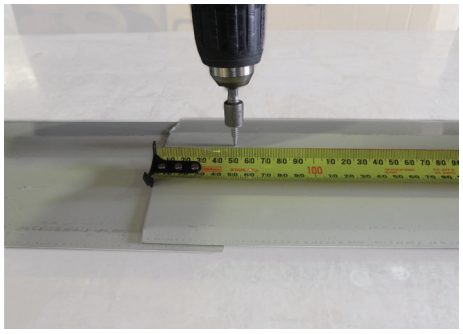
Step 1.
Place two ridge beams as shown and push them together. Slide the cap of one under the other.



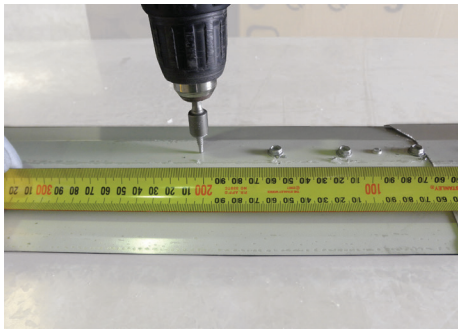
NOTE.
There is a 50mm overlap of the ridge caps when the beams are in position.



Step 2.
Use the ZARSP to connect at the centre of the two ridge beams. Be sure it is pushed in fully.

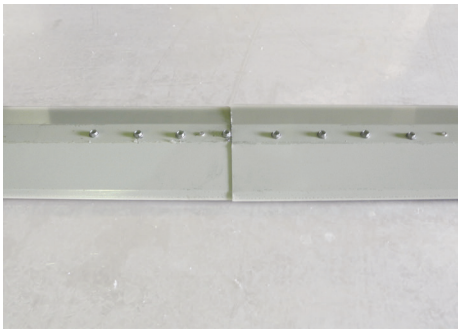


Step 3.
Turn over the ridge beam. Measure 250mm from the middle along the centre of one ridge beam, mark spacings of 50mm. Fasten with a Tek screw at each marking.



Repeat to the other side of the ridge beam assembly.

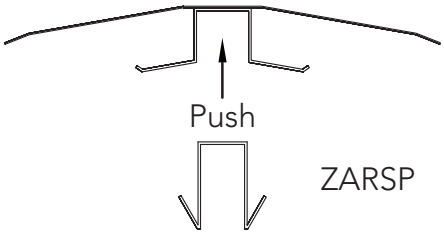
TIP: Predrilling each hole with the 3mm drill bit makes it easier to fasten.

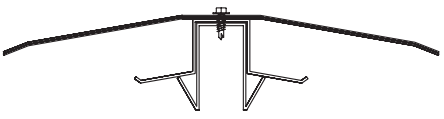


Finished Spliced Ridge Beam

Hex Driver Bit

Hex Hd Self-drilling tek screw with neoprene washer

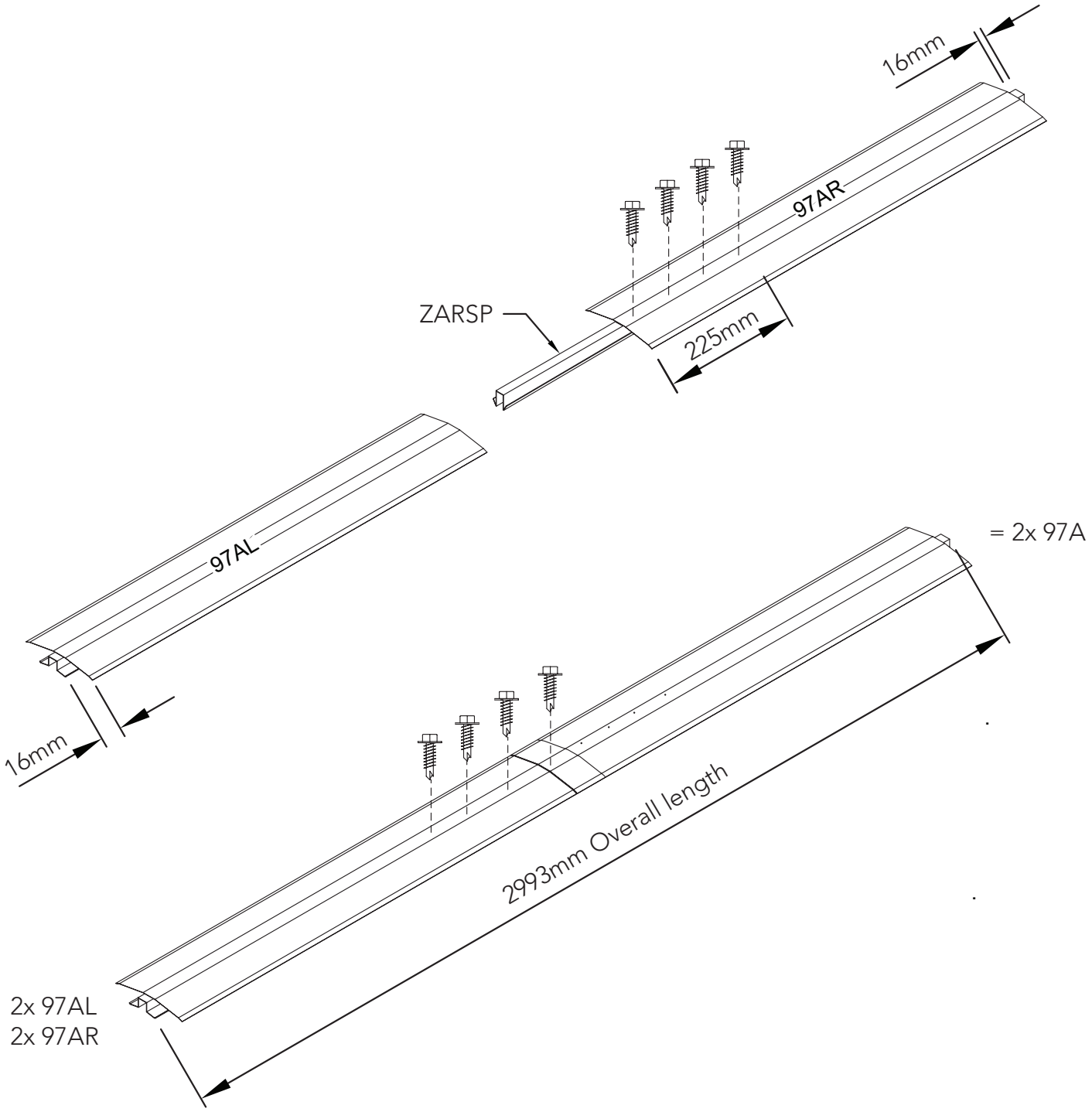




Finished
Joined Ridge Beams

PRE-ASSEMBLY OF SPLICED RIDGE BEAM

1 required.

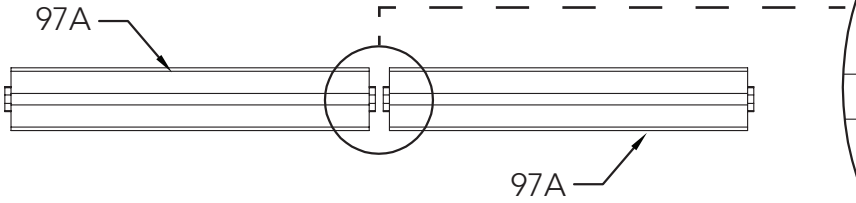


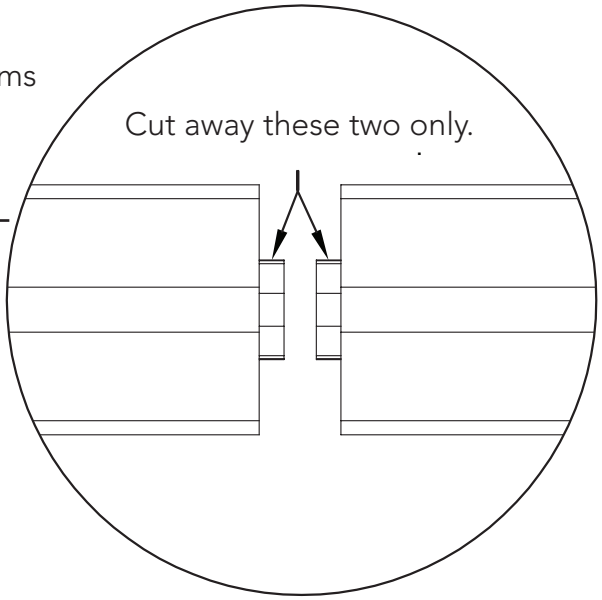
ABSCO HIGHLANDER GARAGE MODEL: 3060HGK

3.00mW x 5.96mD x 2.30mH

JOINING RIDGE BEAMS

To make the total span we must now join the two ridge beams

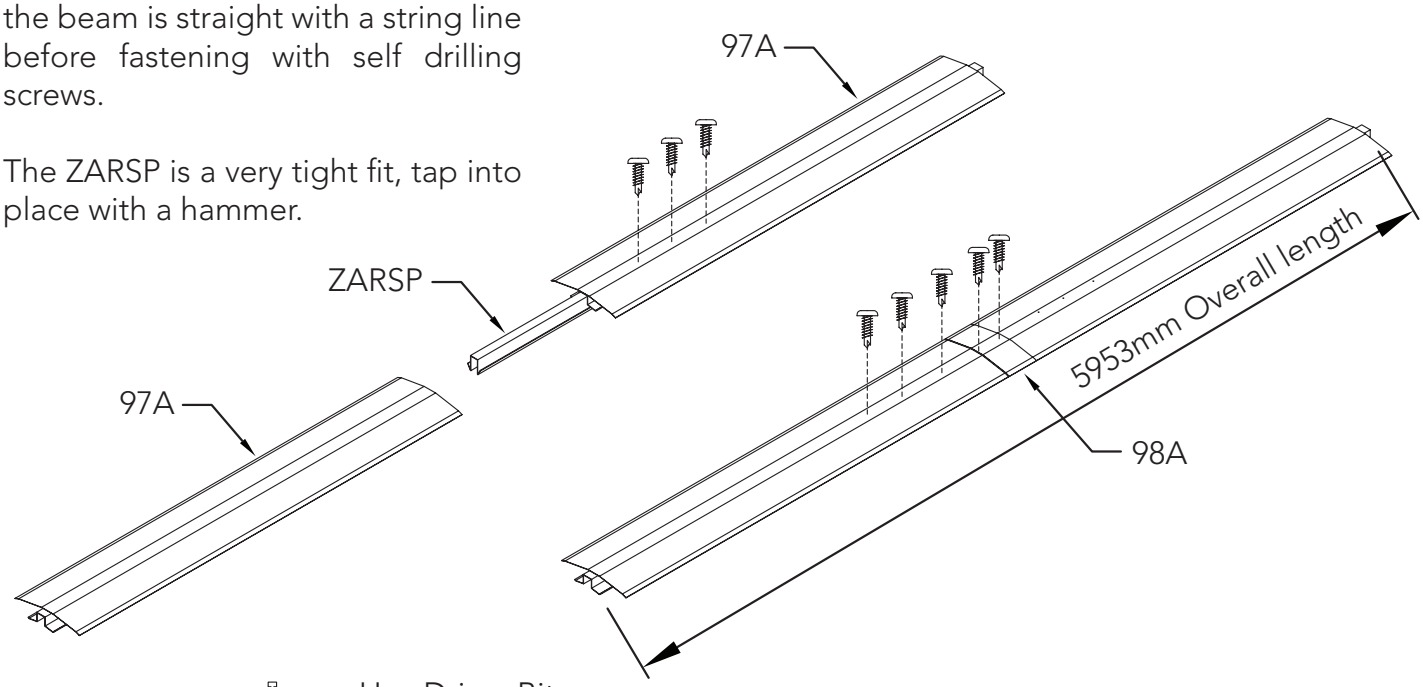




Using a hacksaw, remove one protruding section of each ridge beam, this will allow the sections to butt up neatly to each other.

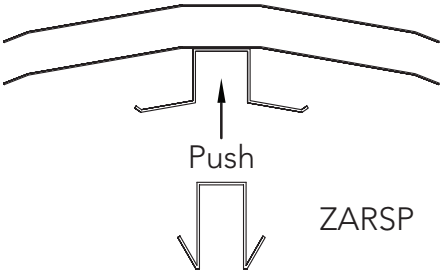
Insert the ZARSP at an equal distance into each ridge beam. Confirm that the beam is straight with a string line before fastening with self drilling screws.

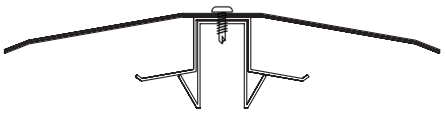
The ZARSP is a very tight fit, tap into place with a hammer.



Hex Driver Bit

Hex Hd Self-drilling tek screw with neoprene washer



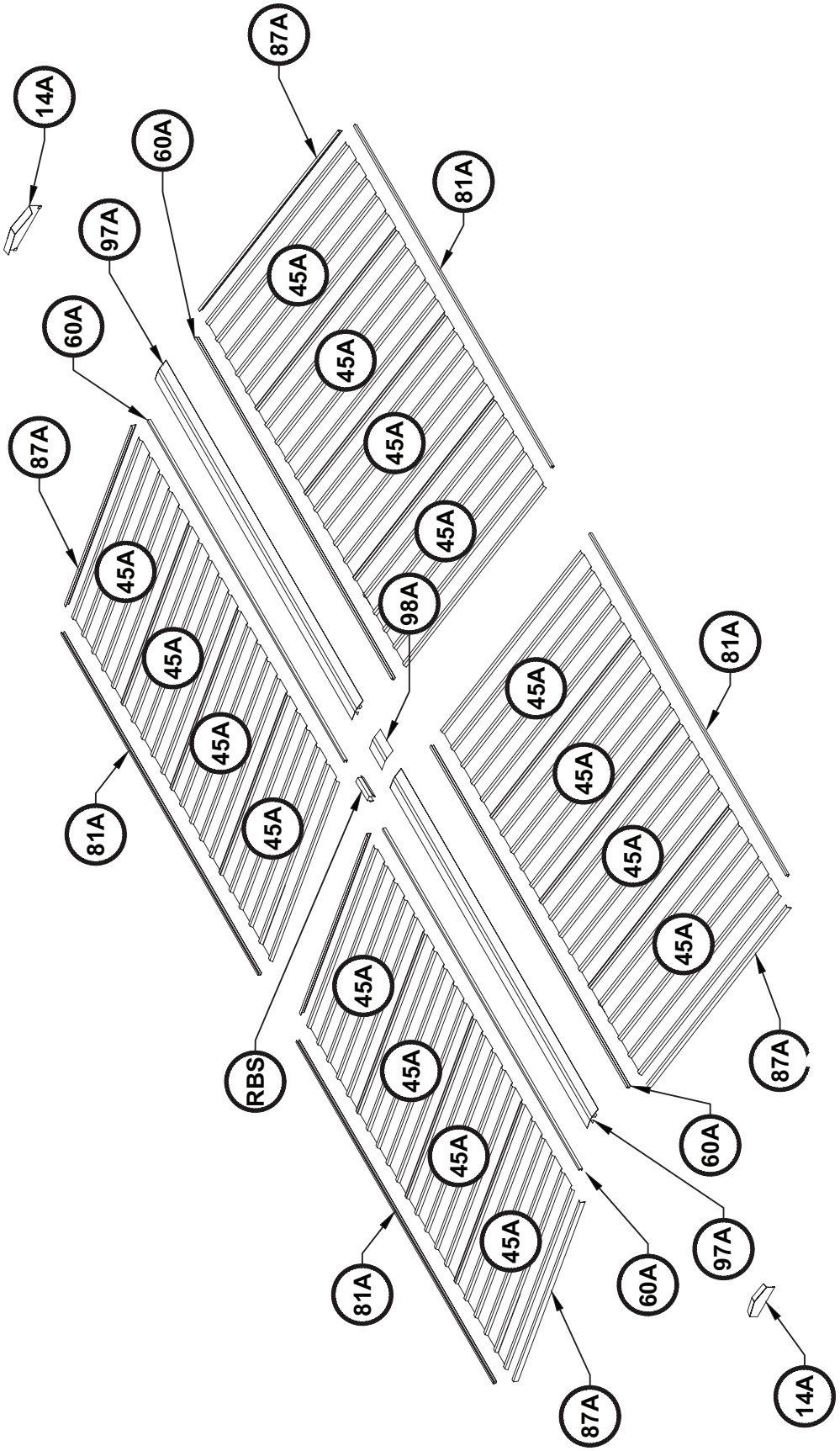


Finished Joined Ridge Beams

ABSCO HIGHLANDER GARAGE
MODEL: 3060HGK

3.00mW x 5.96mD x 2.30mH

OVERVIEW OF ROOF COMPONENTS

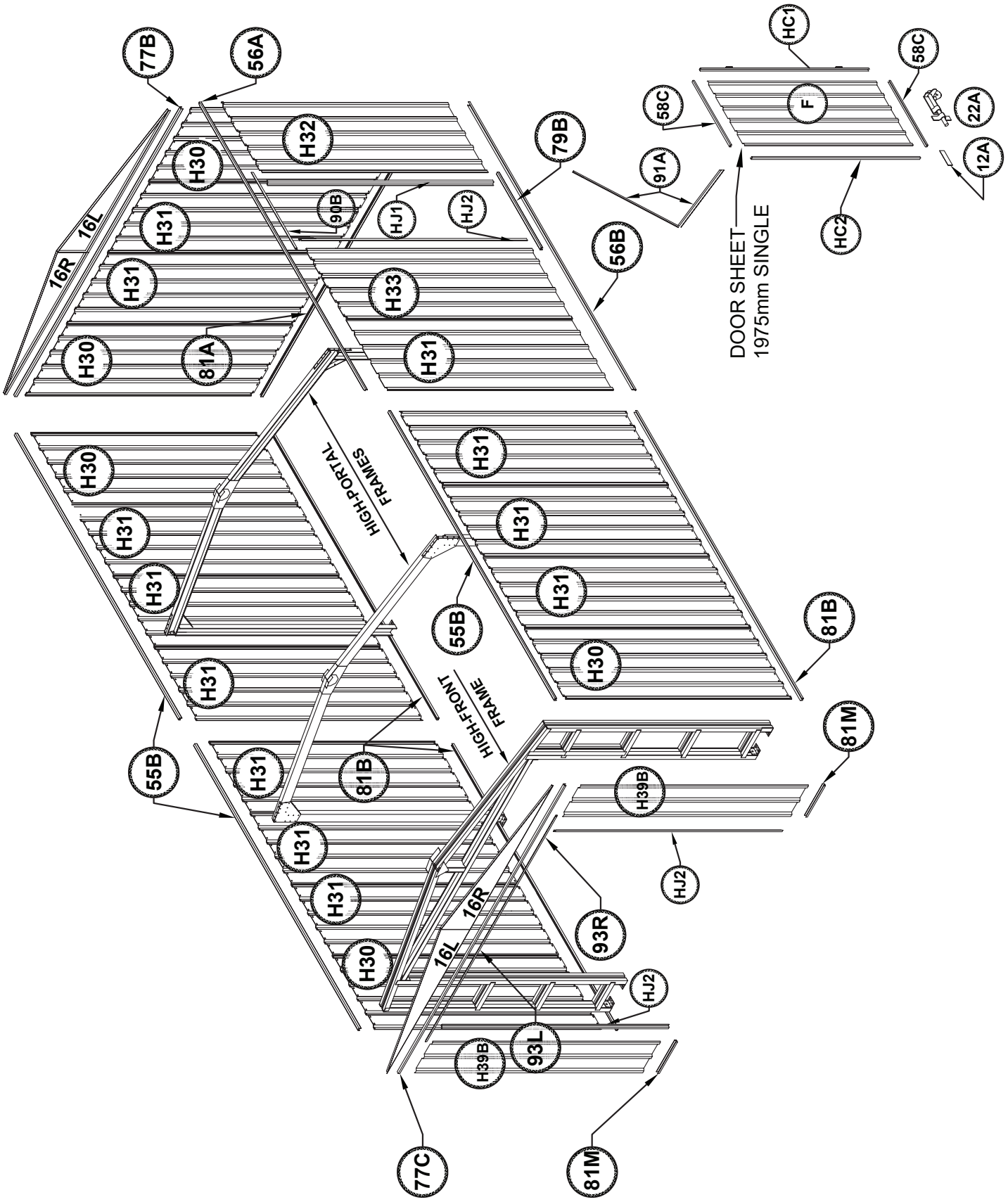


OVERVIEW OF ROOF COMPONENTS

ABSCO HIGHLANDER GARAGE
MODEL: 3060HGK

3.00mW x 5.96mD x 2.30mH

OVERVIEW OF WALL COMPONENTS



OVERVIEW OF WALL COMPONENTS

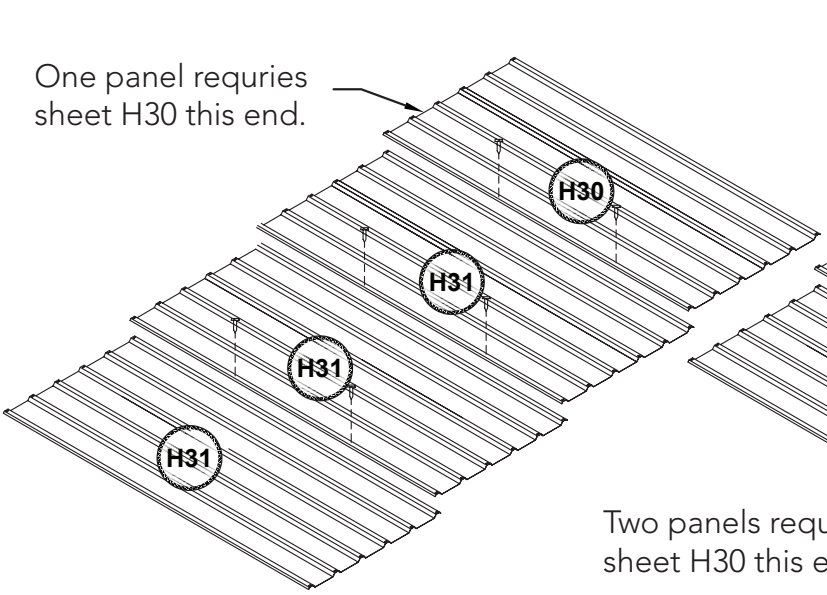
ABSCO HIGHLANDER GARAGE MODEL: 3060HGK

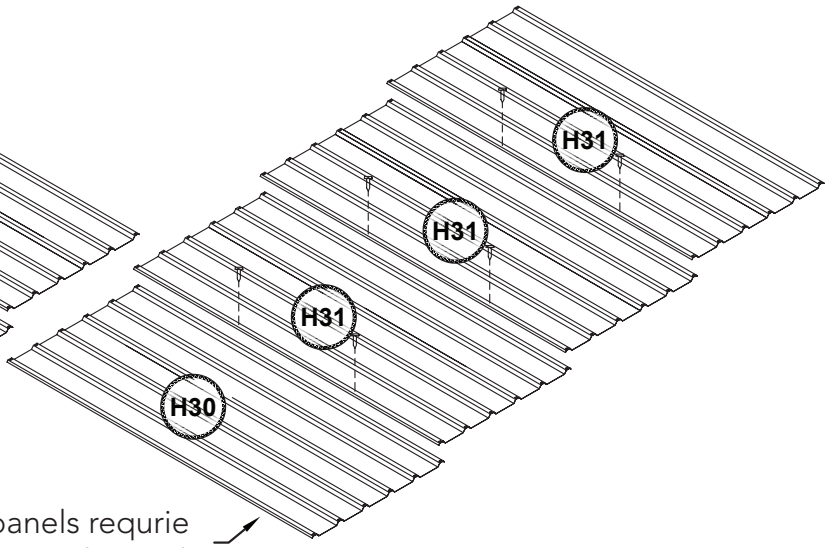
3.00mW x 5.96mD x 2.30mH

SIDE PANEL ASSEMBLY

3 required.

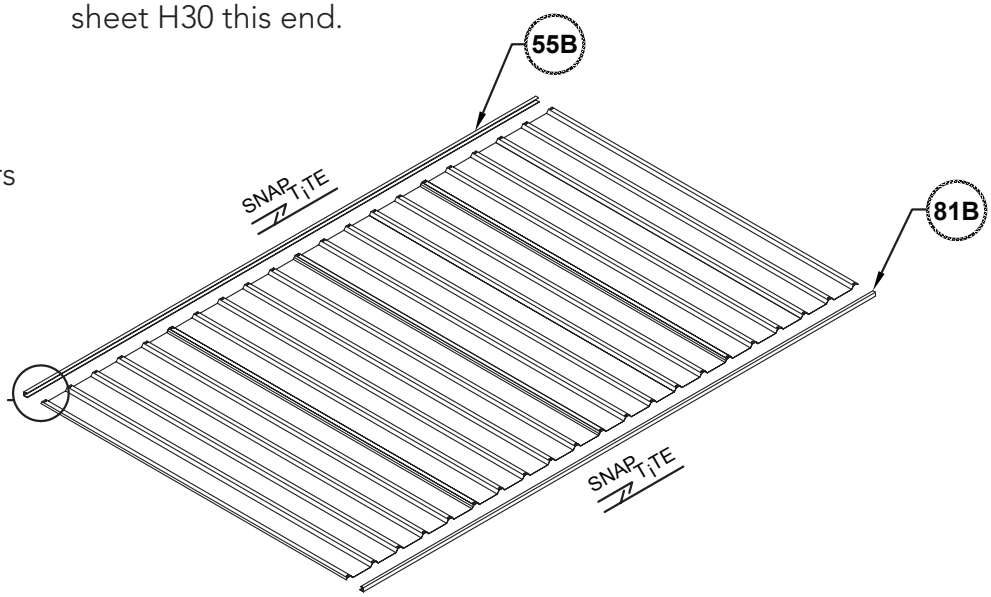
One panel requries sheet H30 this end.

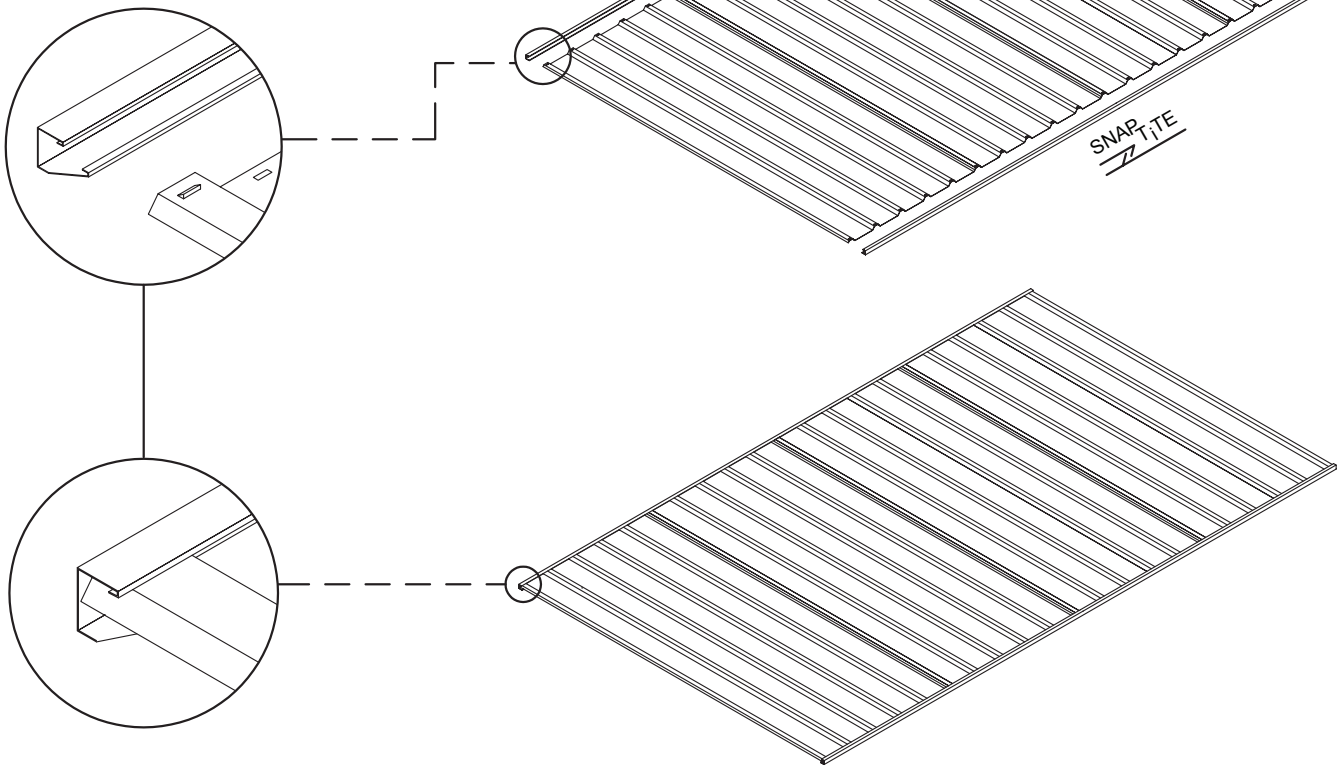




Two panels requrie sheet H30 this end.

H30 is a corner sheet and must be orientated towards the shed corners when panels finally joined.



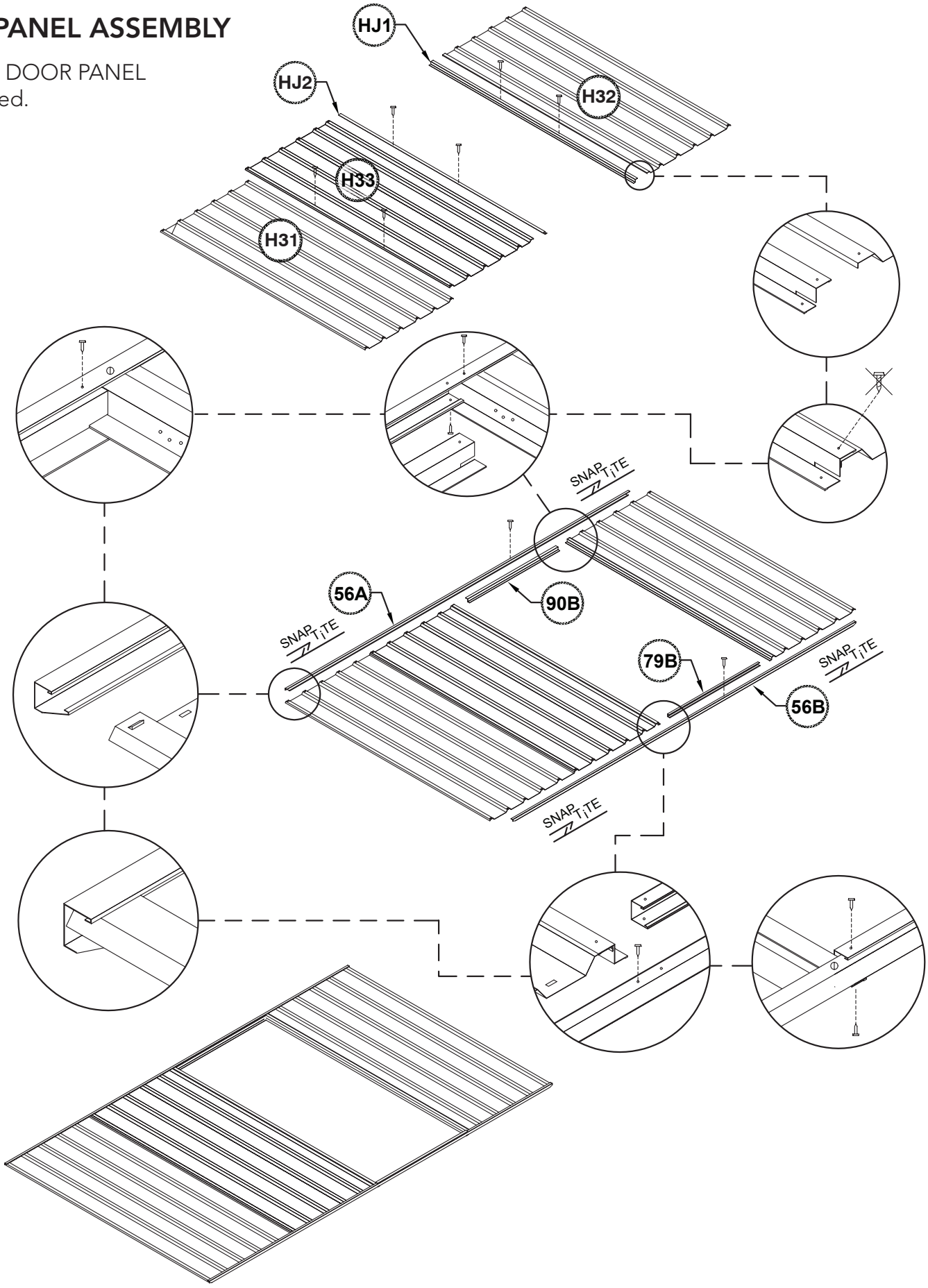


ABSCO HIGHLANDER GARAGE
MODEL: 3060HGK

3.00mW x 5.96mD x 2.30mH

SIDE PANEL ASSEMBLY

SINGLE DOOR PANEL
1 required.

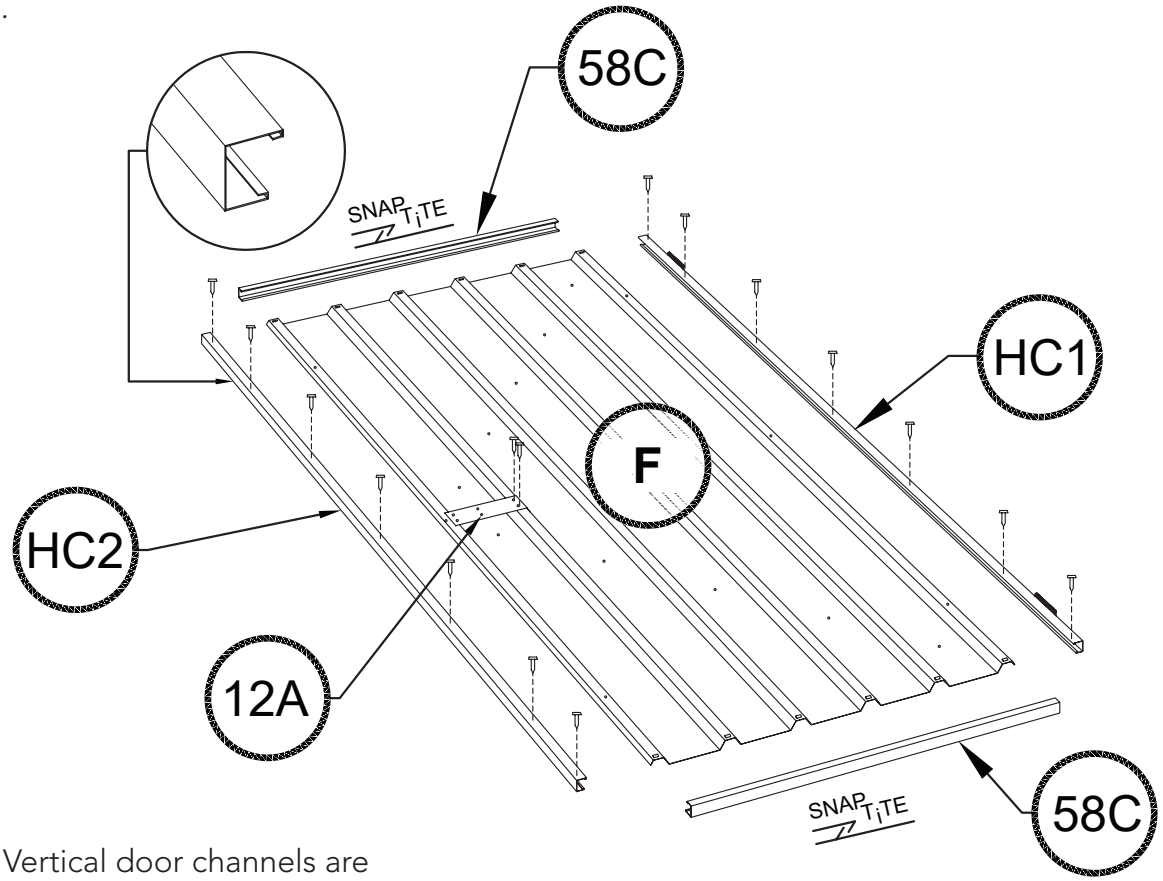


ABSCO HIGHLANDER GARAGE MODEL: 3060HGK

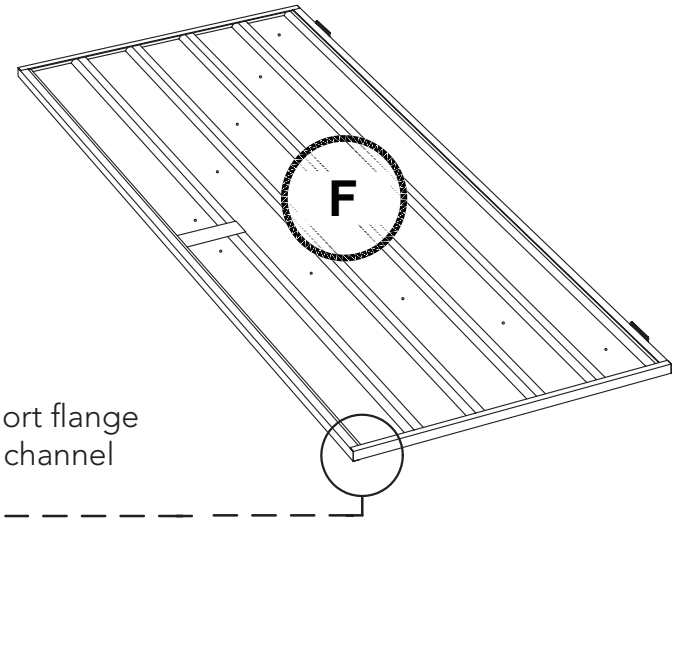
3.00mW x 5.96mD x 2.30mH

DOOR PANEL ASSEMBLY
SINGLE DOOR

1 required.



Vertical door channels are installed in the opposite orientation compared to the horizontal door channels.



Long flange of channel

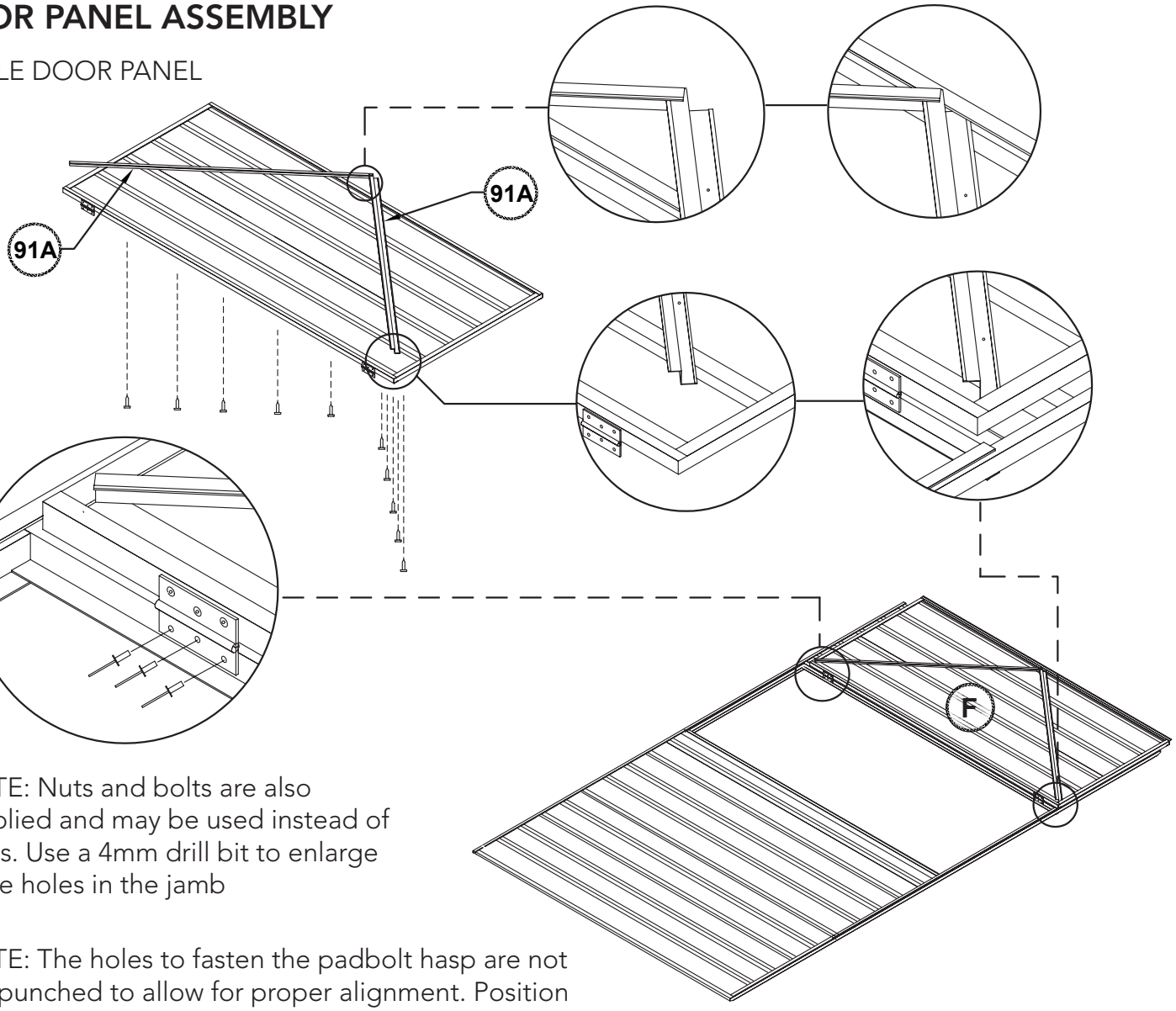
Short flange of channel

ABSCO HIGHLANDER GARAGE MODEL: 3060HGK

3.00mW x 5.96mD x 2.30mH

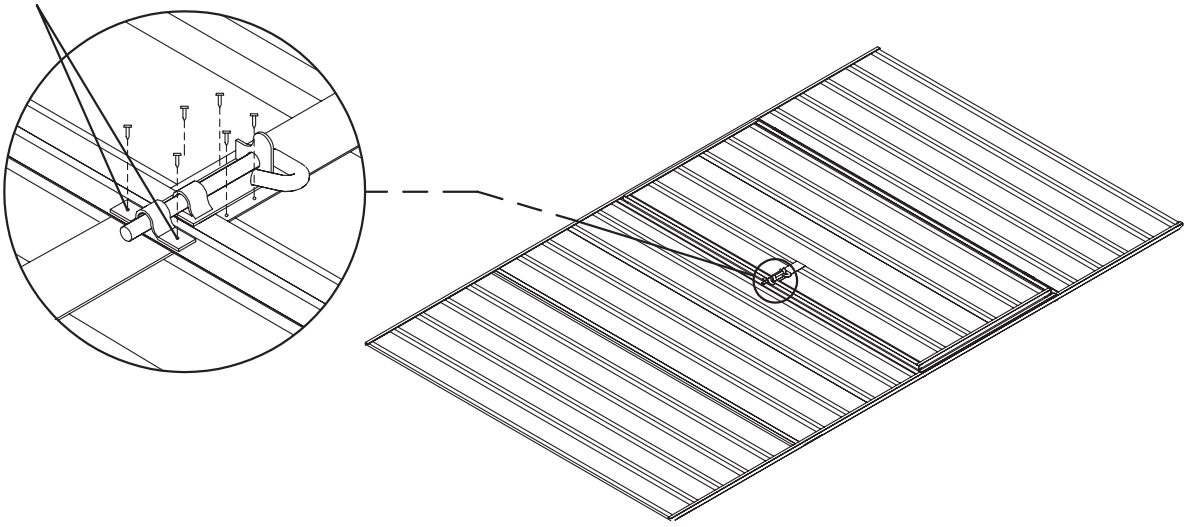
DOOR PANEL ASSEMBLY

SINGLE DOOR PANEL



NOTE: Nuts and bolts are also supplied and may be used instead of rivets. Use a 4mm drill bit to enlarge these holes in the jamb

NOTE: The holes to fasten the padbolt hasp are not pre-punched to allow for proper alignment. Position the hasp centrally over the padbolt shaft and drill 3mm holes and secure with screws.



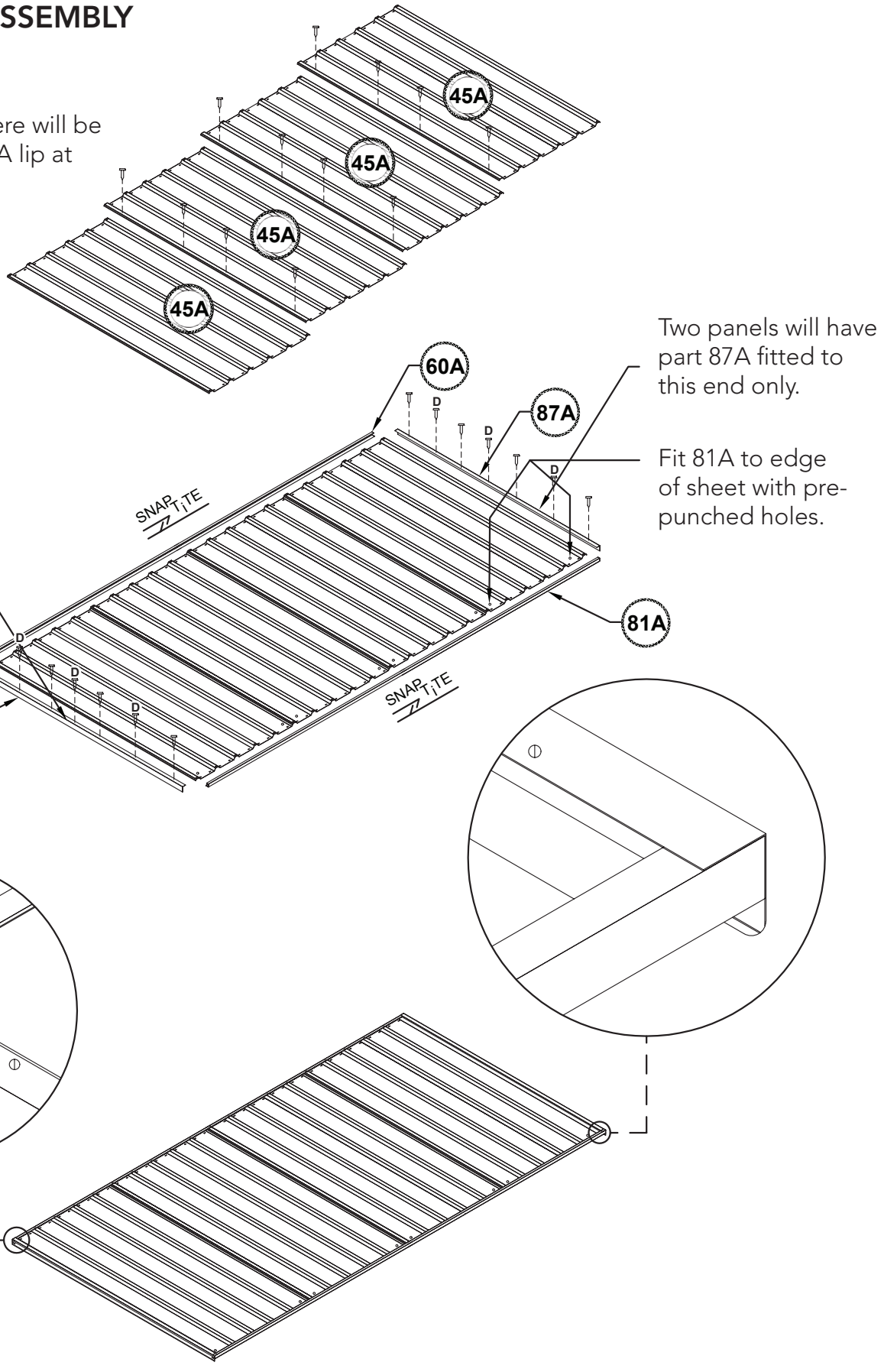
ABSCO HIGHLANDER GARAGE MODEL: 3060HGK

3.00mW x 5.96mD x 2.30mH

ROOF PANEL ASSEMBLY

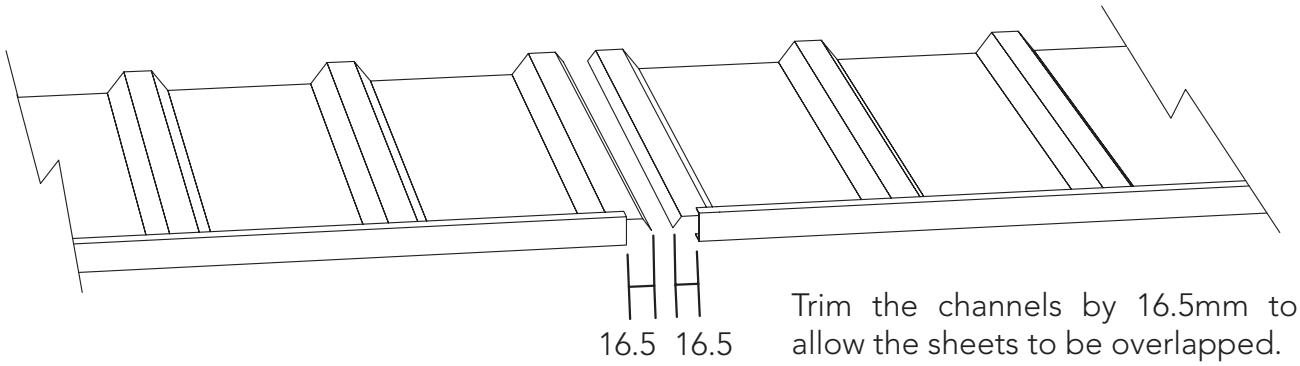
4 required.

When completed there will be four sections with 87A lip at one end only.

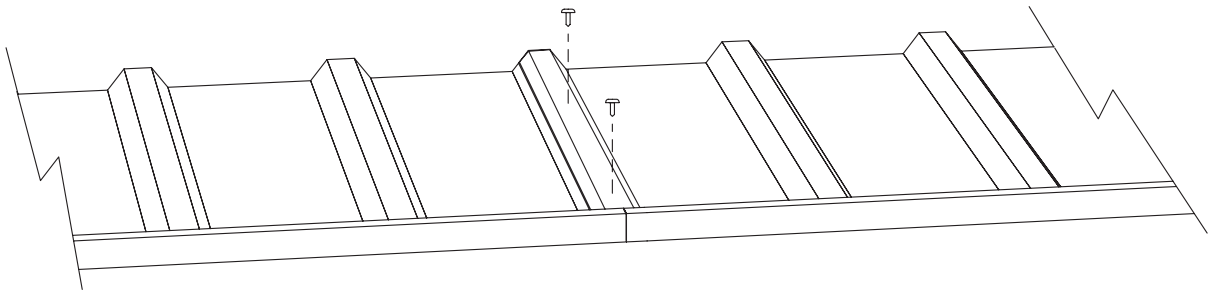


JOINING WALL AND ROOF PANELS

To make the total span we must now join sections of sheeting together for the roof and wall.



Trim the channels by 16.5mm to allow the sheets to be overlapped.



Overlap the panels and fasten as shown.

Refer to the panel construction section of this instruction set for further details and ensure that the assembled panels are not joined together with pre-punched holes incorrectly positioned.

The overall length of each panel is the same as the ridge beam.

Ridge beam and panel length = 2993mm
Length to be cut off = 16.5mm
New length = 2976.5mm

Both panels joined = 2976.5 x 2 = **5953mm**

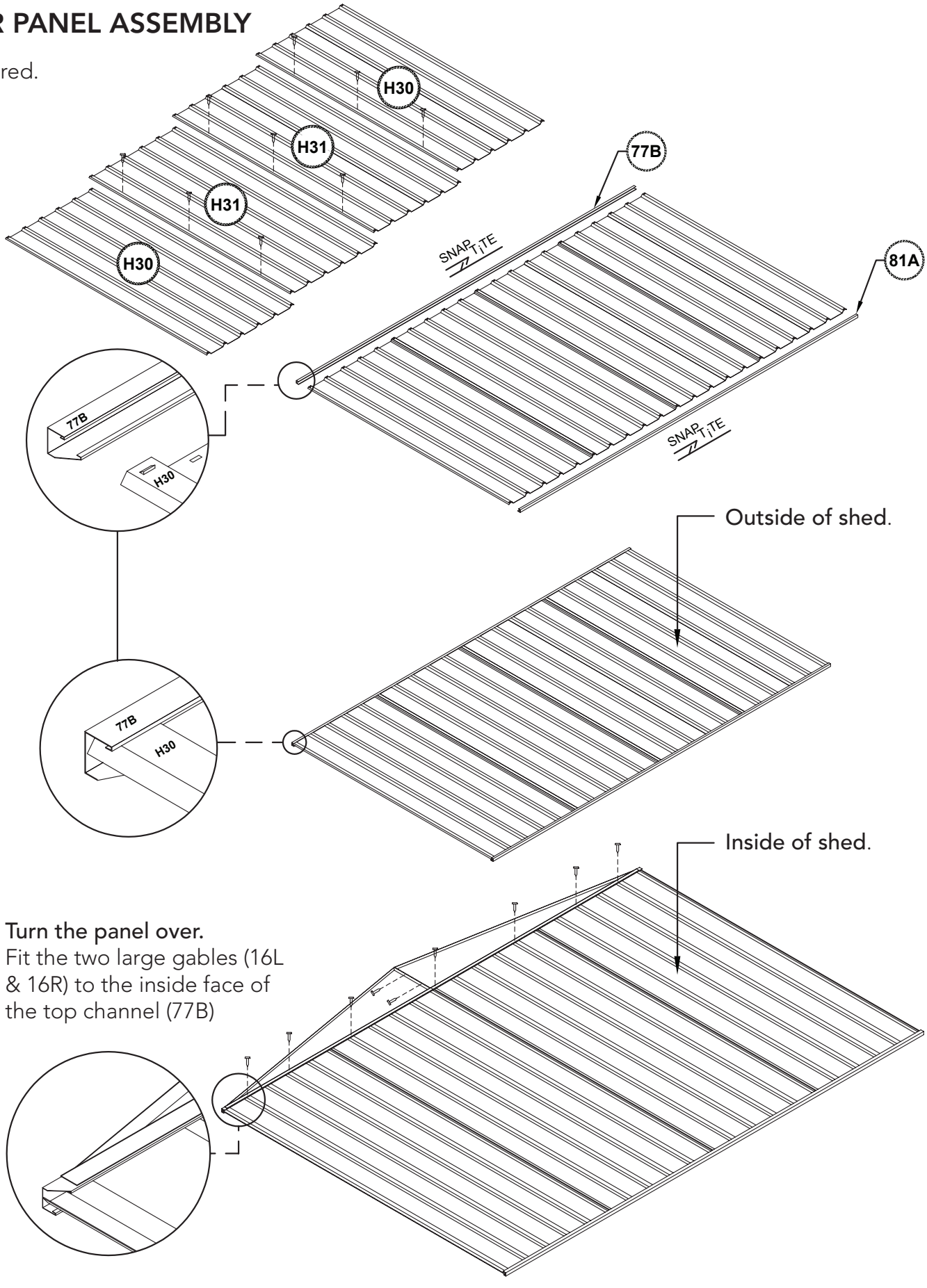
It is not critical that the overall dimension is exact but try and make sure the length is within 5mm.

ABSCO HIGHLANDER GARAGE
MODEL: 3060HGK

3.00mW x 5.96mD x 2.30mH

REAR PANEL ASSEMBLY

1 required.



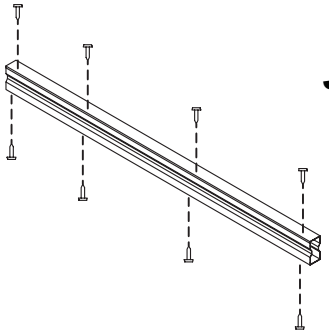
Turn the panel over.
Fit the two large gables (16L & 16R) to the inside face of the top channel (77B)

ABSCO HIGHLANDER GARAGE MODEL: 3060HGK

3.00mW x 5.96mD x 2.30mH

HIGH FRONT FRAME ASSEMBLY

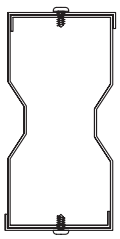
STEP 1 of 2



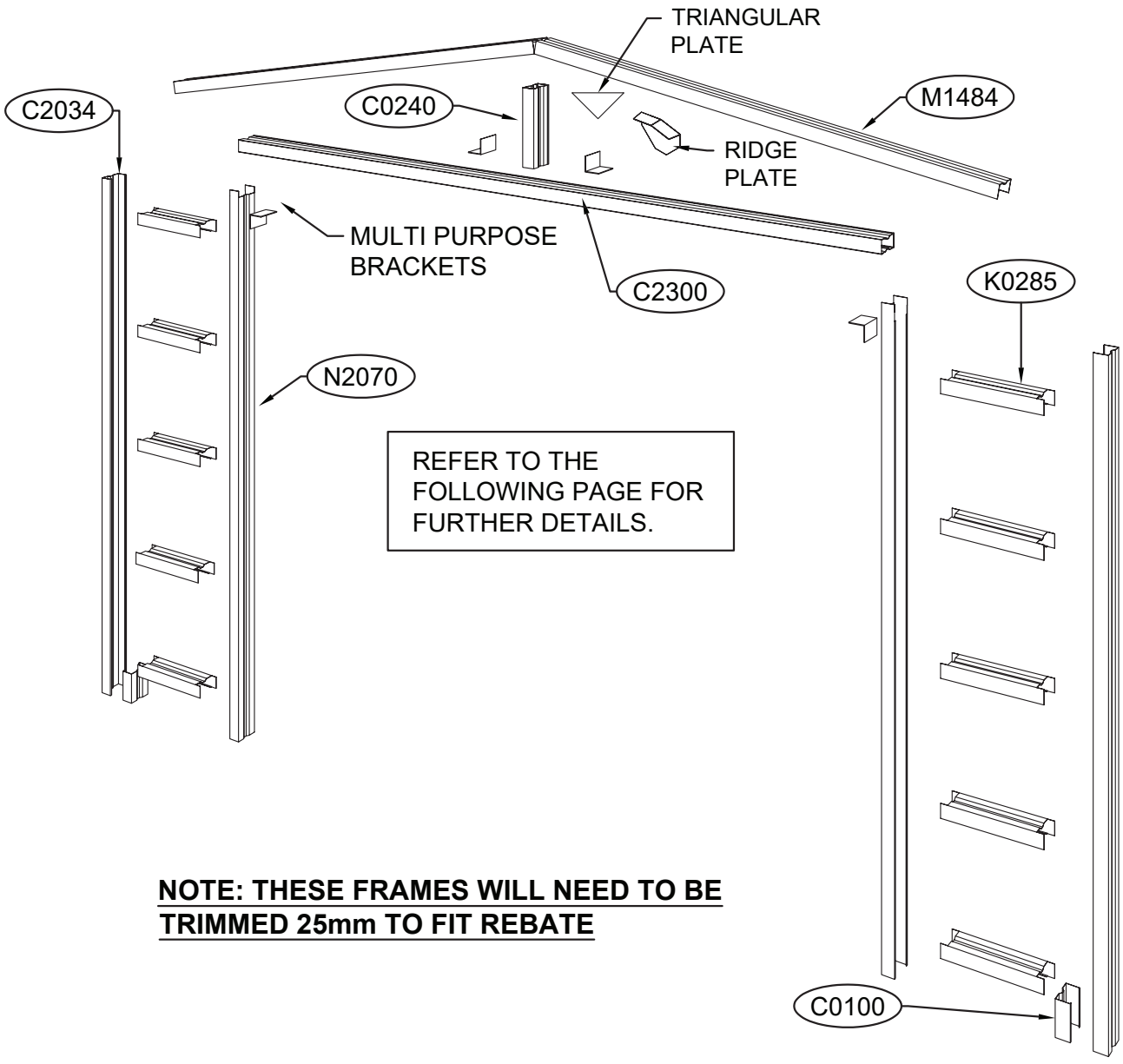
16mm SELF DRILLING TEK SCREWS USE

JOIN PART NUMBERS
C2300 C0240

ONLY
TO FORM
BOXED SECTIONS



FIT THE CHANNELS WHICH FORM THE BOXED SECTIONS TOGETHER WITH THE SMALLER EDGE NEATLY INSIDE THE LARGER EDGE. FASTEN WITH SCREWS AT 300mm SPACINGS WHERE POSSIBLE.



REFER TO THE FOLLOWING PAGE FOR FURTHER DETAILS.

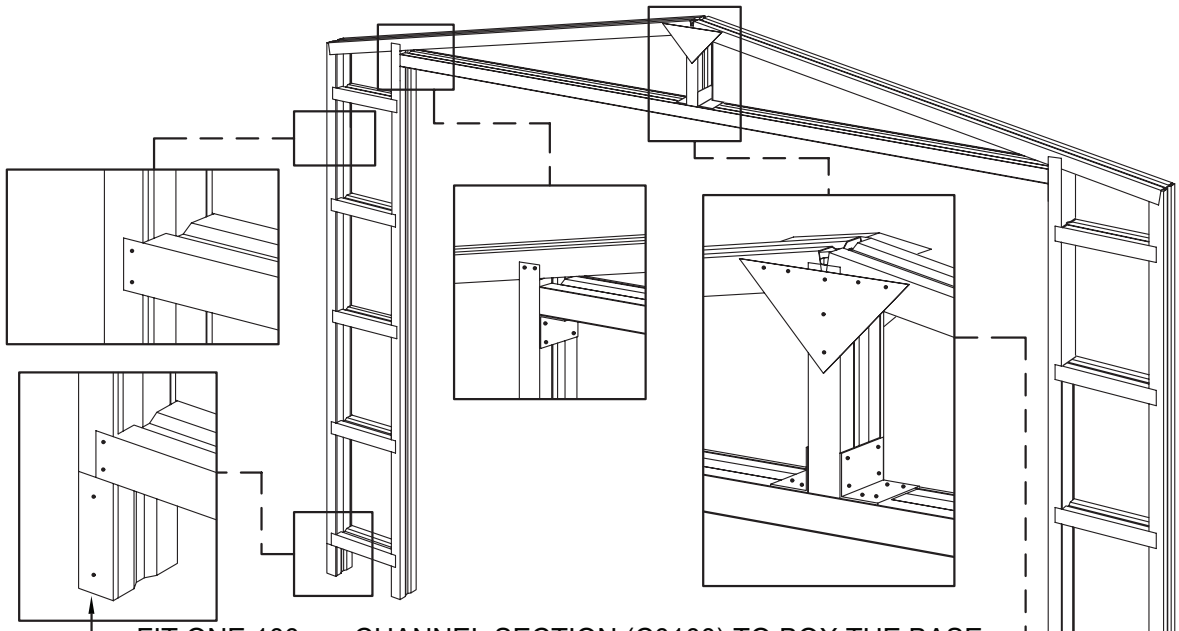
NOTE: THESE FRAMES WILL NEED TO BE TRIMMED 25mm TO FIT REBATE

ABSCO HIGHLANDER GARAGE MODEL: 3060HGK

3.00mW x 5.96mD x 2.30mH

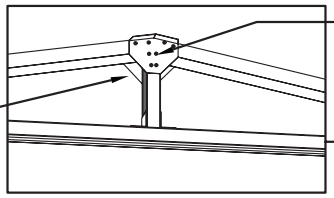
HIGH FRONT FRAME ASSEMBLY

STEP 2 of 2.



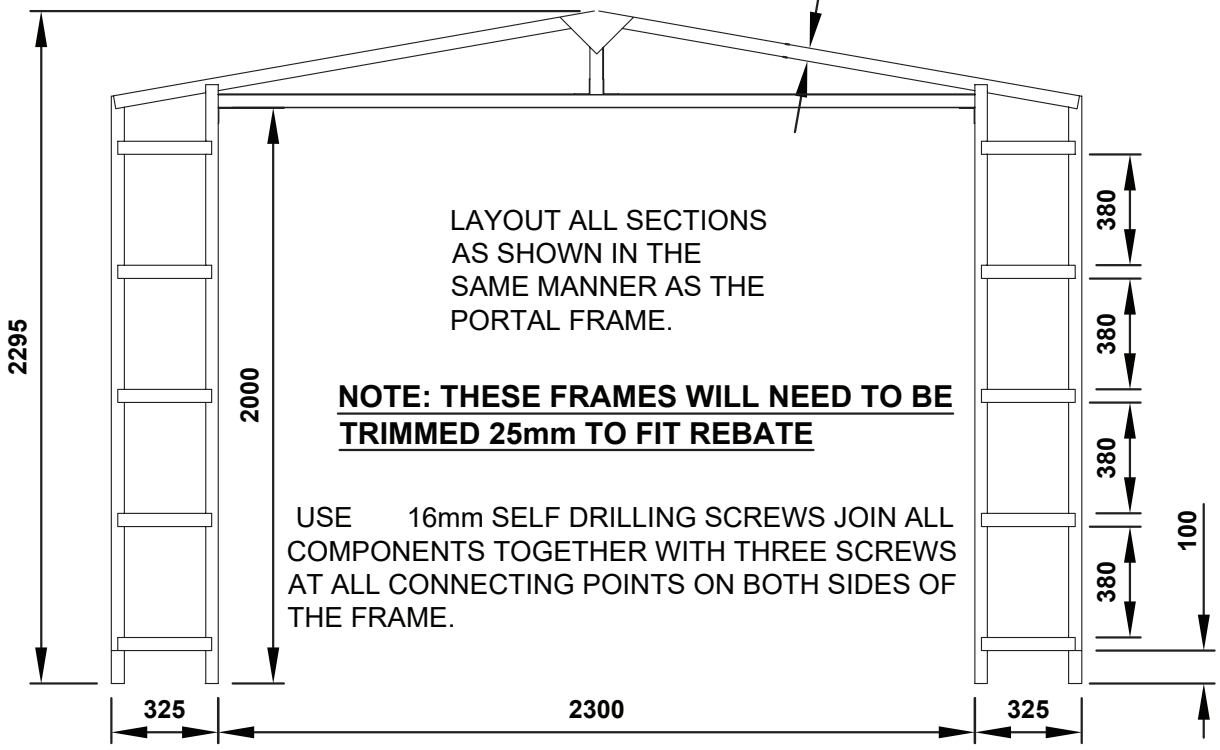
FIT ONE 100mm CHANNEL SECTION (C0100) TO BOX THE BASE OF EACH OUTSIDE LEG AS SHOWN. THESE WILL LATER BE USED FOR SECURING THE FRAME TO THE CONCRETE SLAB.

SECURE THE SMALL TRIANGULAR PLATE TO THE EXTERIOR SIDE OF THE FRAME.



SECURE THE RIDGE PLATE TO THE INTERIOR SIDE OF THE FRAME.

40mm ALL SECTIONS



LAYOUT ALL SECTIONS AS SHOWN IN THE SAME MANNER AS THE PORTAL FRAME.

NOTE: THESE FRAMES WILL NEED TO BE TRIMMED 25mm TO FIT REBATE

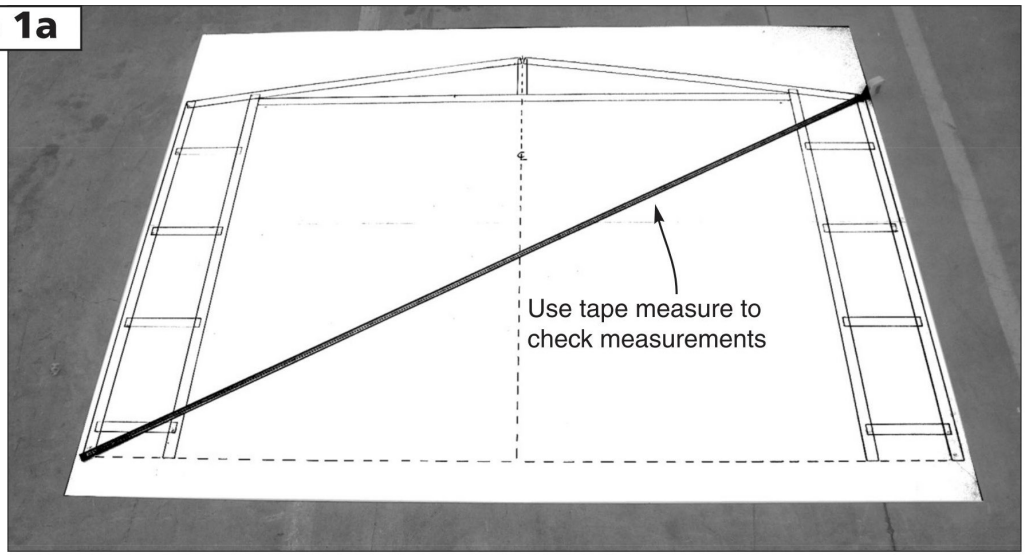
USE 16mm SELF DRILLING SCREWS JOIN ALL COMPONENTS TOGETHER WITH THREE SCREWS AT ALL CONNECTING POINTS ON BOTH SIDES OF THE FRAME.

NOTE: IF YOU HAVE AN EDGE REBATE IN YOUR CONCRETE SLAB, YOU WILL HAVE TO CUT AN AMOUNT OFF THE BOTTOM OF THE FRAME LEGS EQUAL TO THE DEPTH OF THE REBATE.

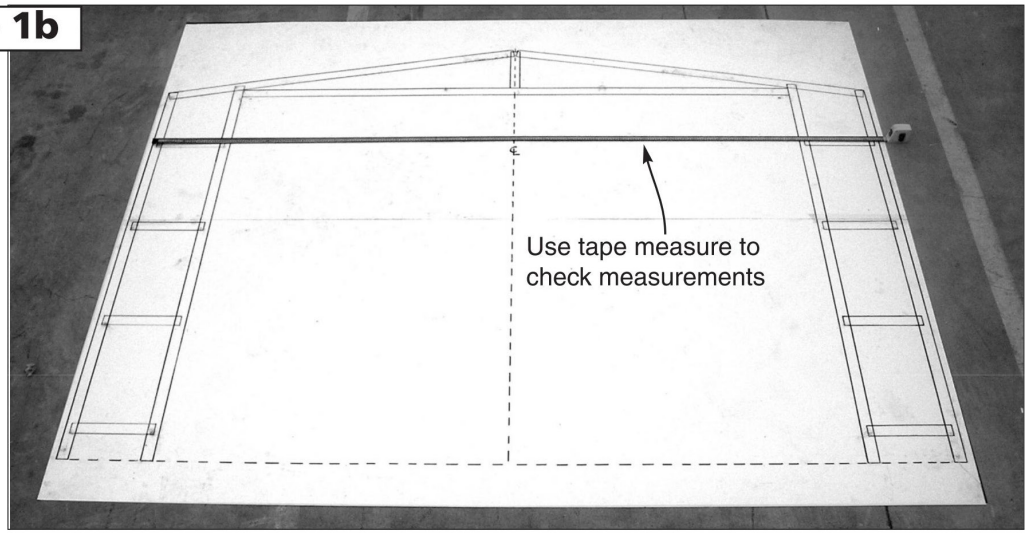
HIGH FRONT FRAME ASSEMBLY SUPPORT PHOTOS

STEP 1.
Draw pattern on the concrete in accordance with the dimensions detailed in the assembly instructions.

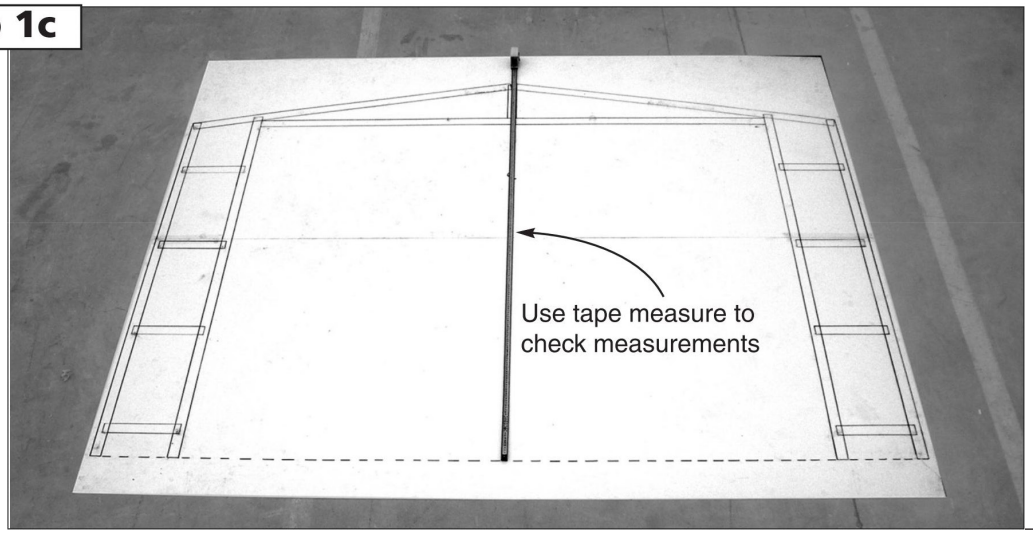
Step 1a



Step 1b

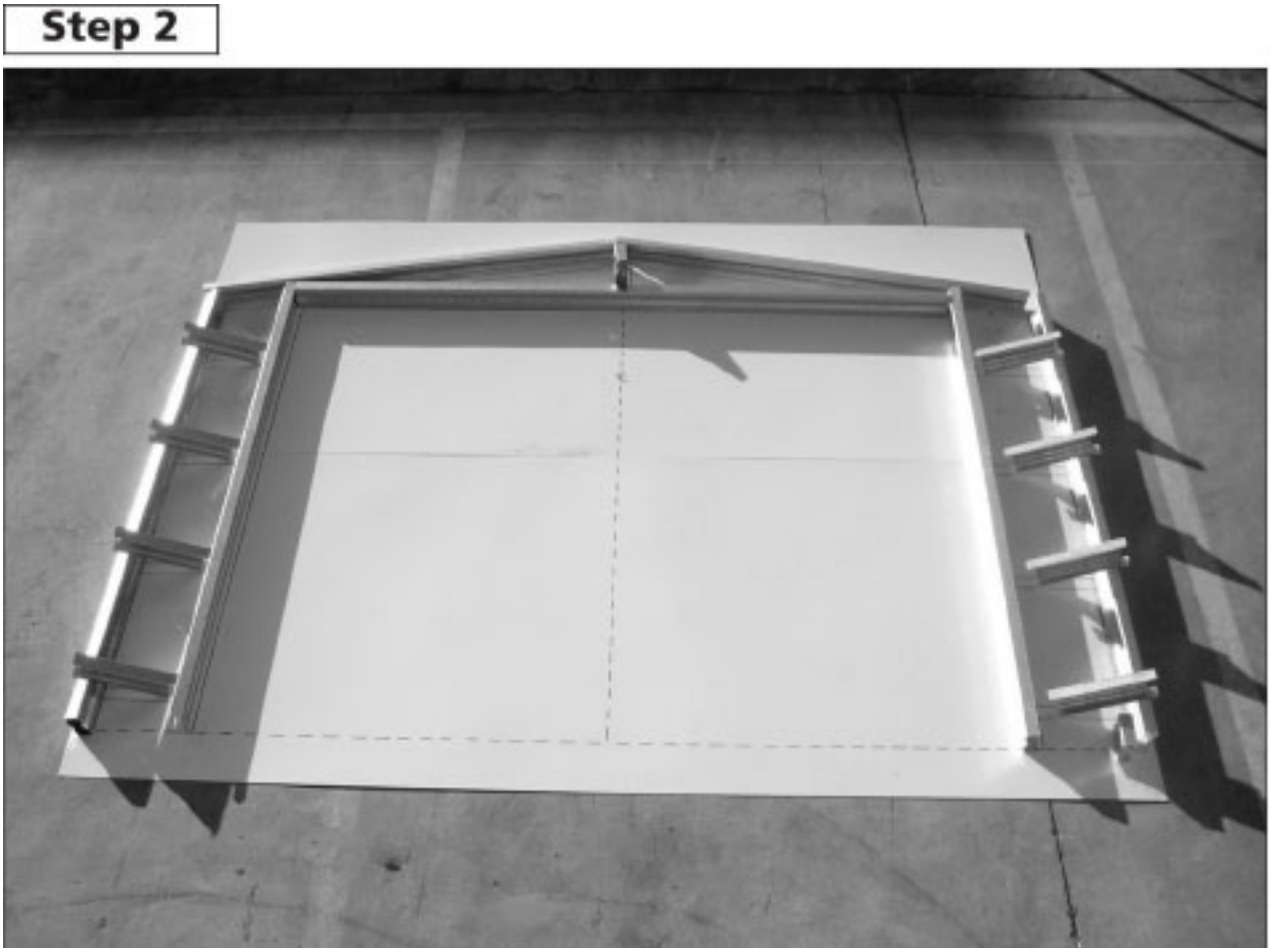


Step 1c



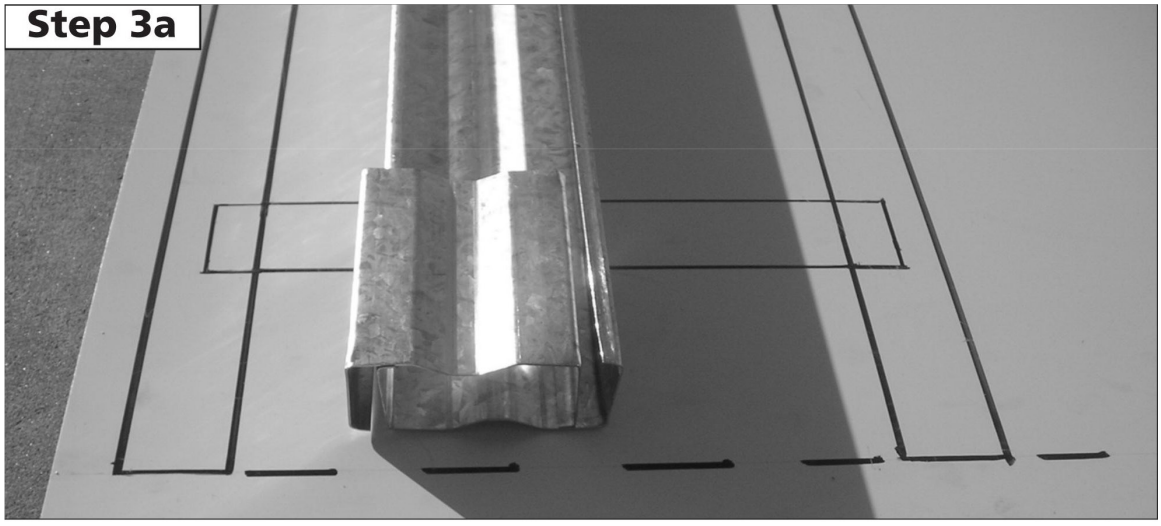
HIGH FRONT FRAME ASSEMBLY SUPPORT PHOTOS

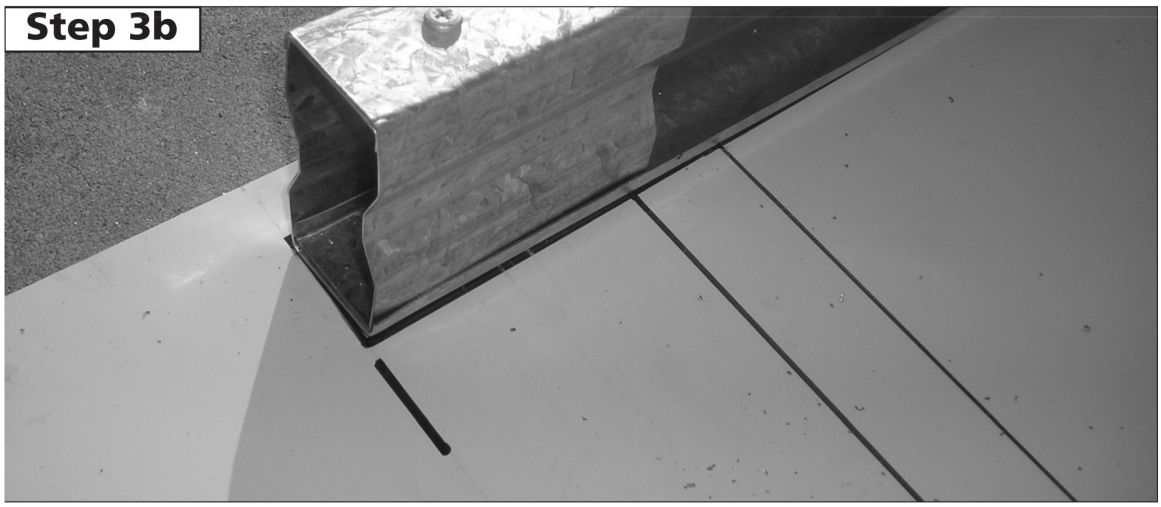
STEP 2.
Understand where components are to be positioned.

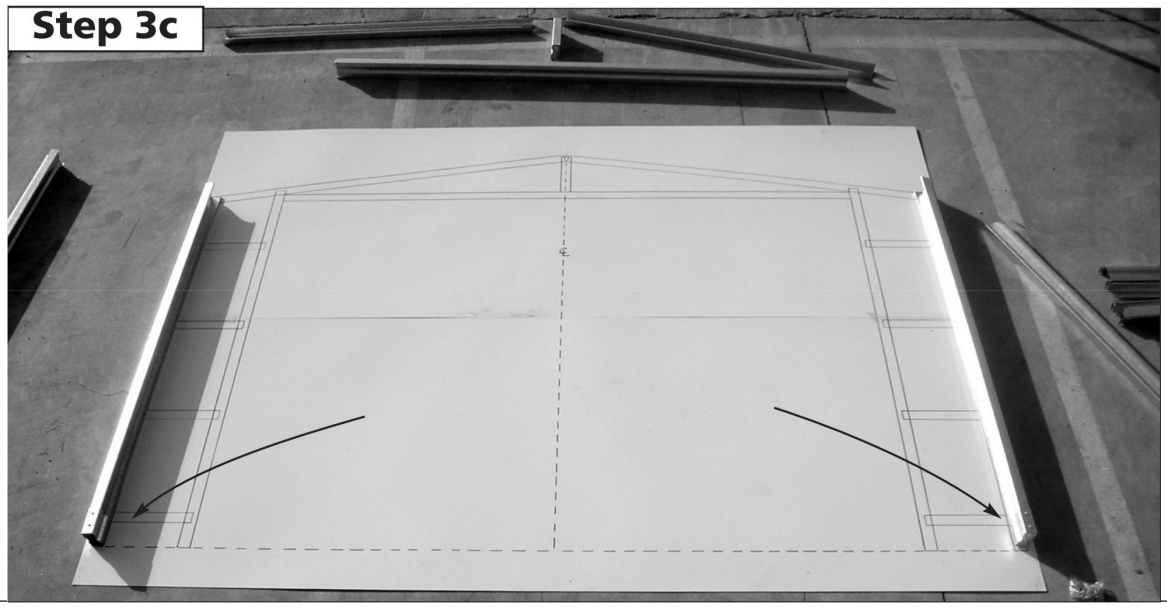


HIGH FRONT FRAME ASSEMBLY SUPPORT PHOTOS

STEP 3.
Join C0100 to C2034





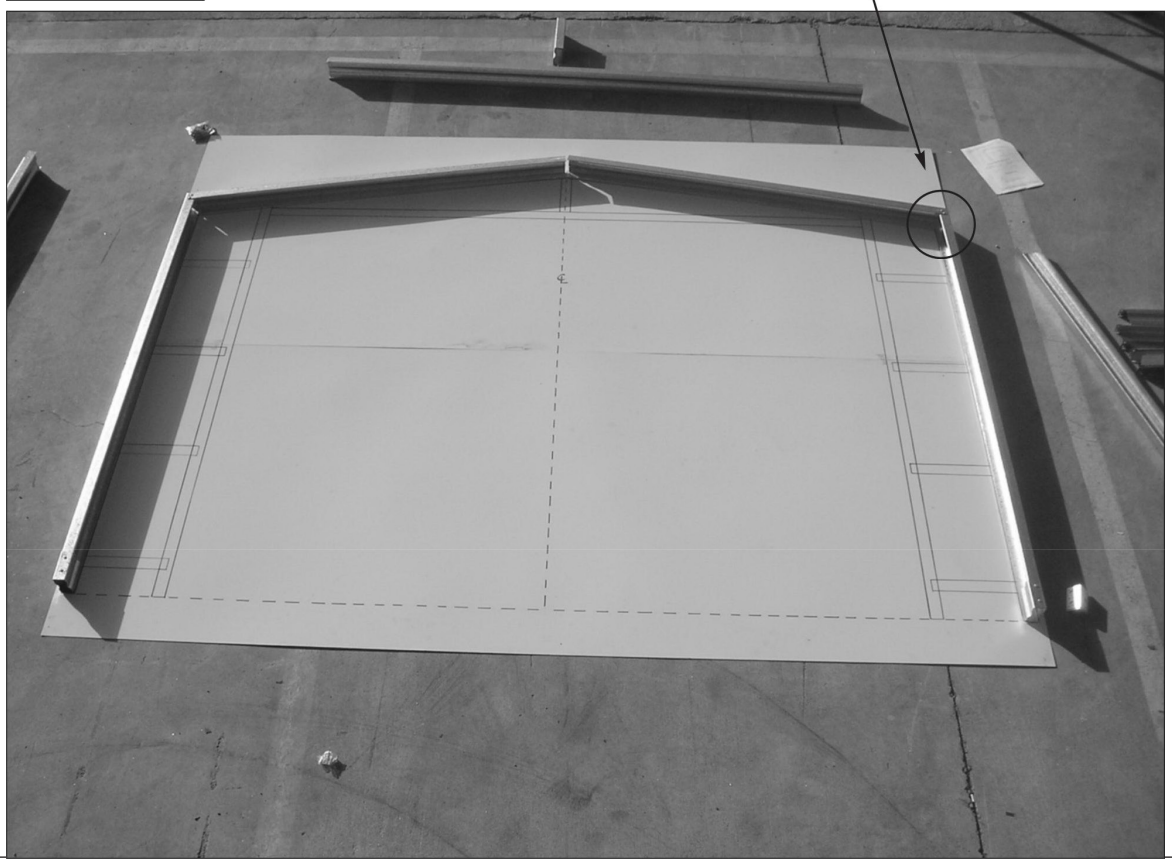


HIGH FRONT FRAME ASSEMBLY SUPPORT PHOTOS

STEP 4.
Join C2034 to M1484

Step 4a

Step 4b

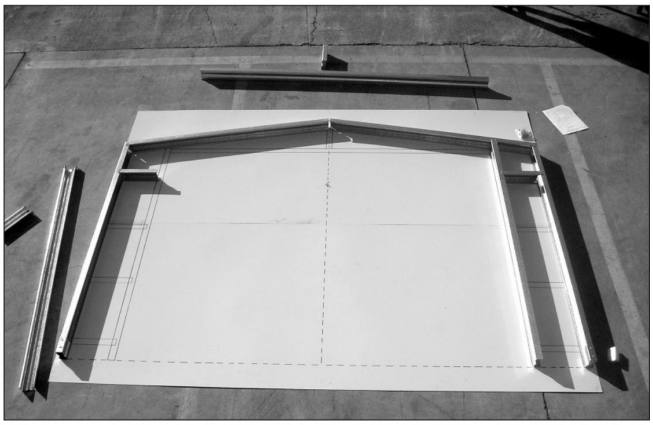


HIGH FRONT FRAME ASSEMBLY SUPPORT PHOTOS

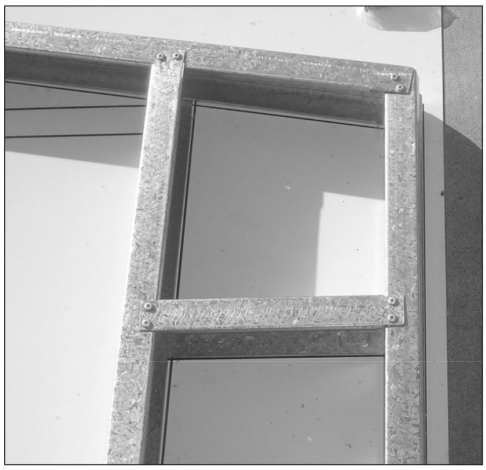
STEP 5.
Join K0285 to C2034 & N2070.

Step 5a

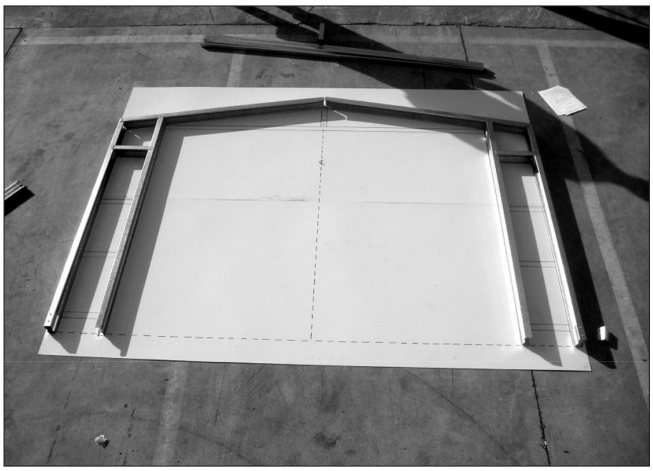
Step 5b



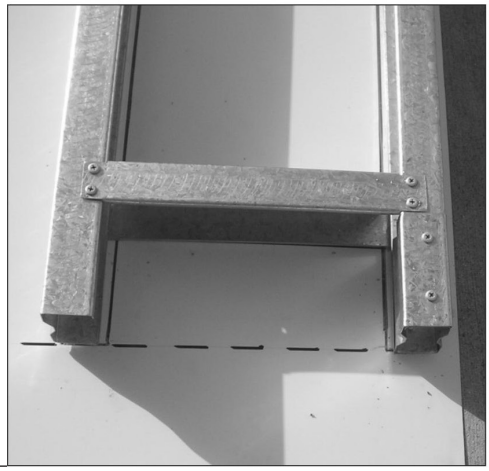
Step 5c



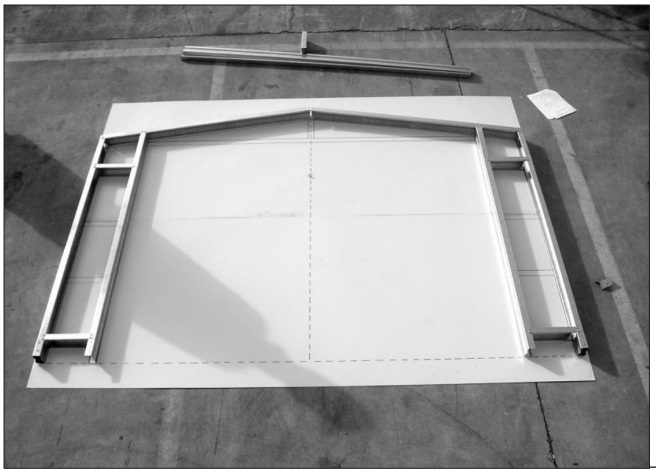
Step 5d



Step 5e



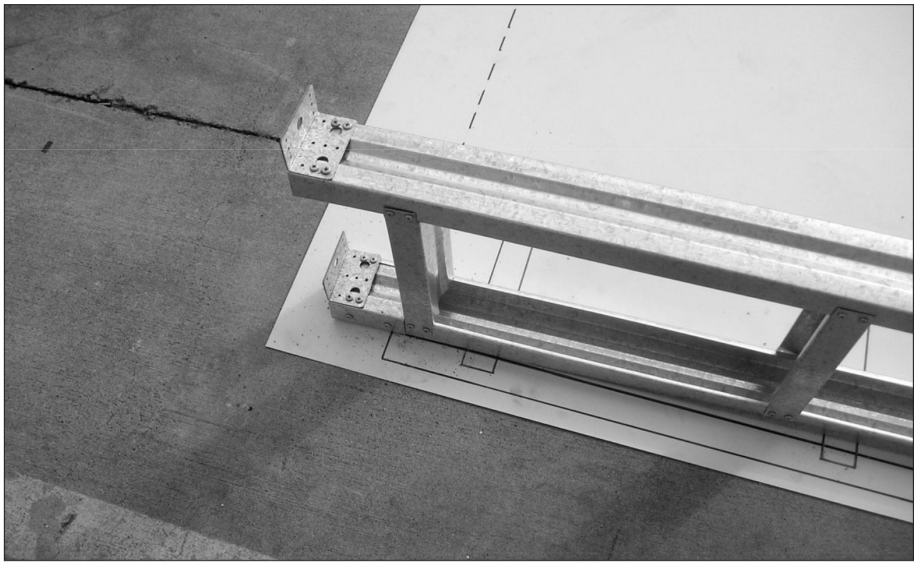
Step 5f



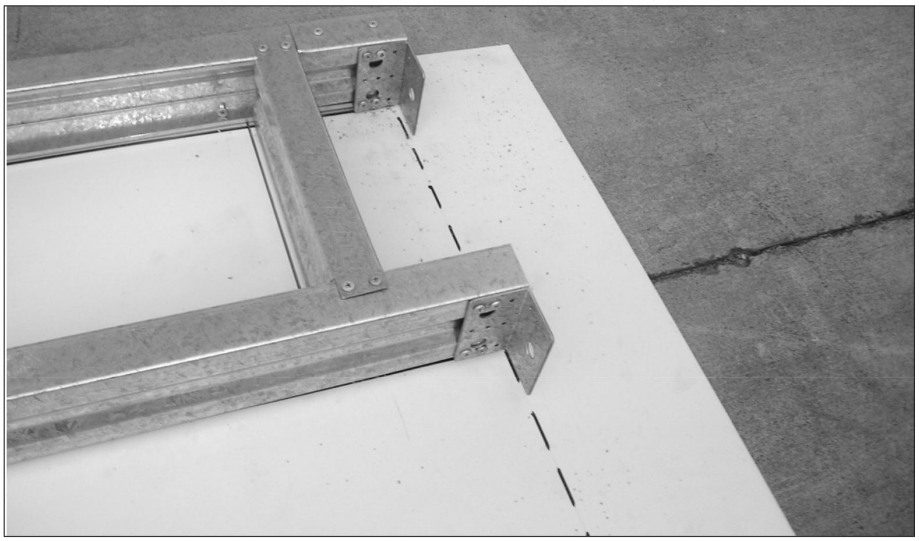
HIGH FRONT FRAME ASSEMBLY SUPPORT PHOTOS

STEP 6.
Fit mulitpurpose brackets.

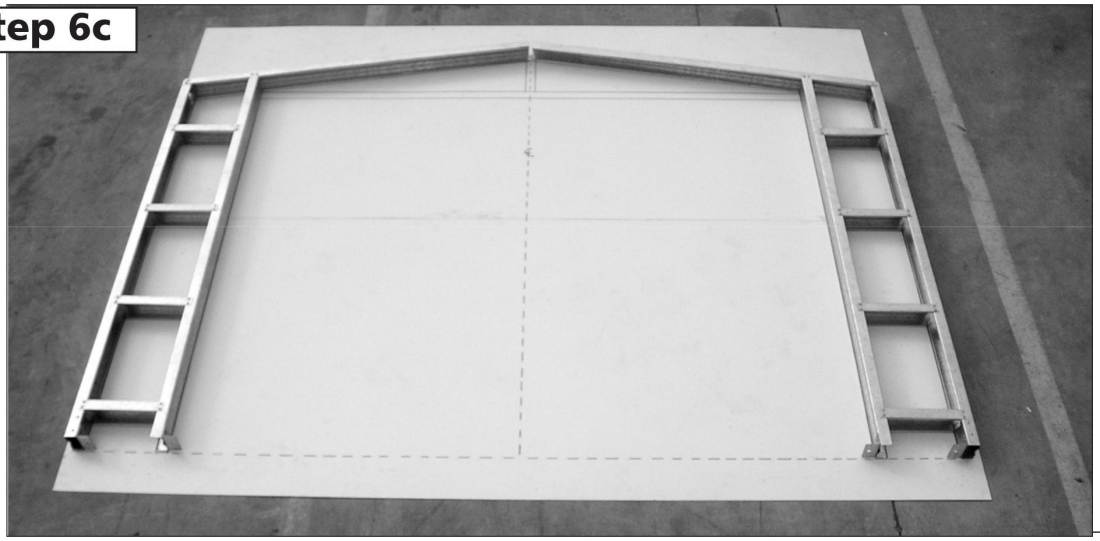
Step 6a



Step 6b



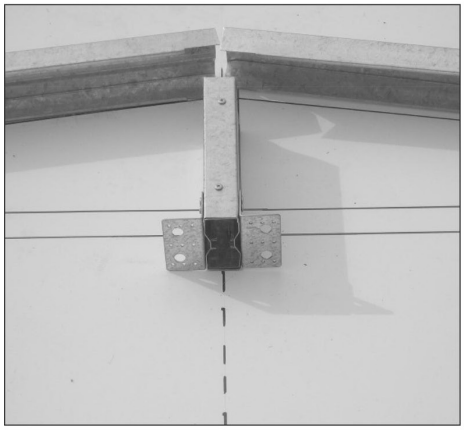
Step 6c



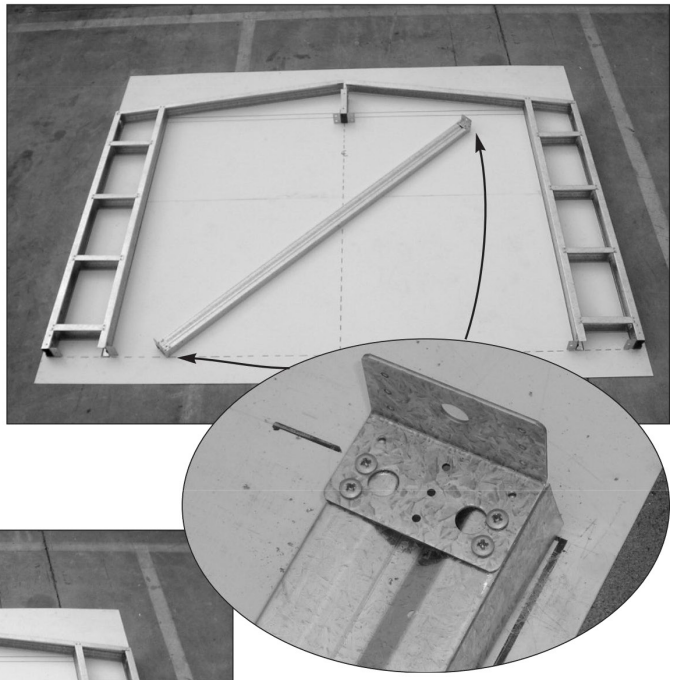
HIGH FRONT FRAME ASSEMBLY SUPPORT PHOTOS

STEP 7.
Assemble the C0240 & C2300 sections.

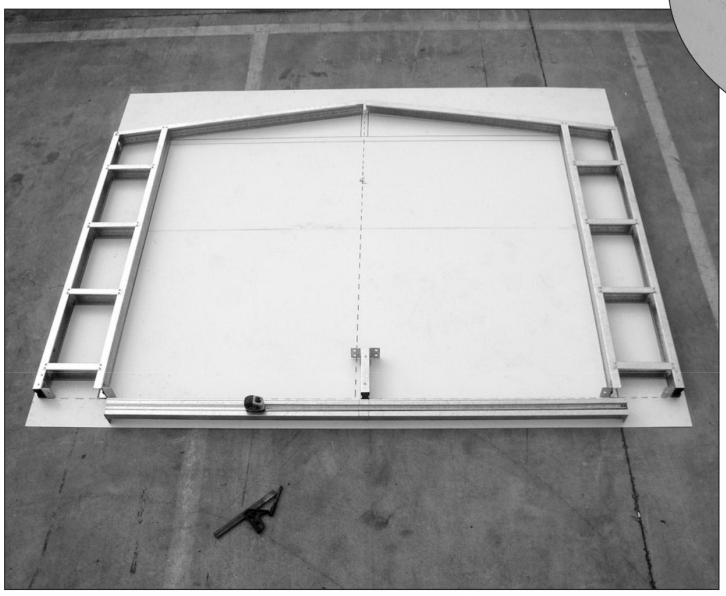
Step 7a



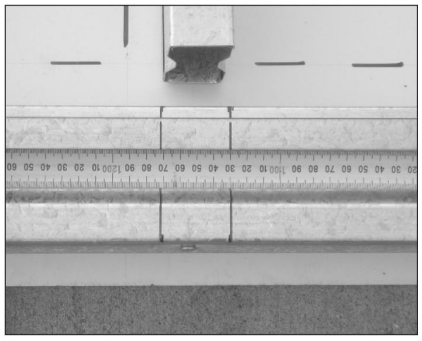
Step 7b



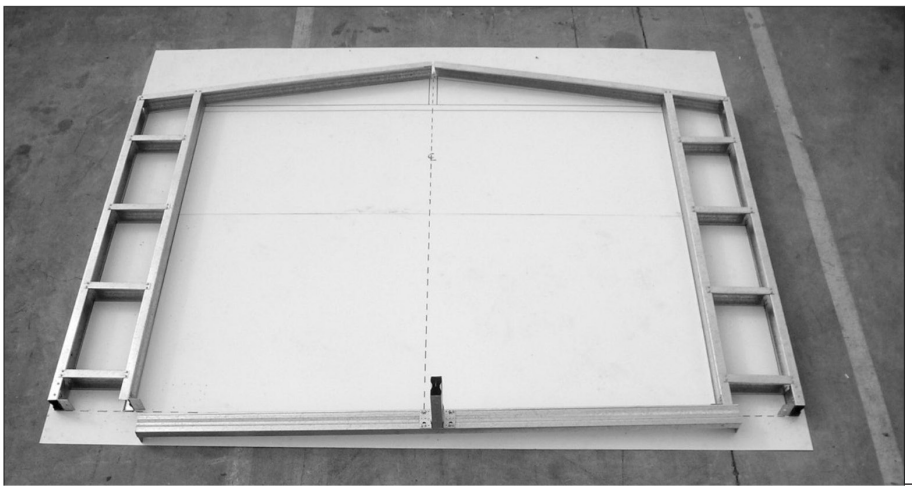
Step 7c



Step 7d



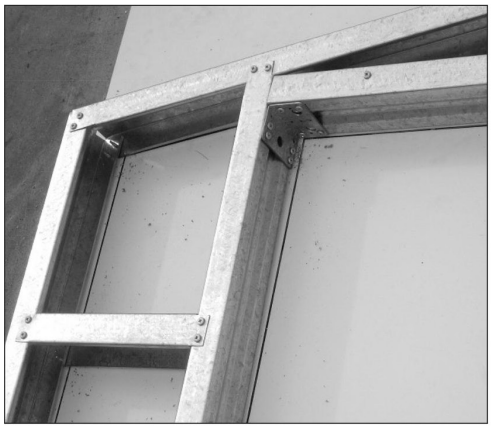
Step 7e



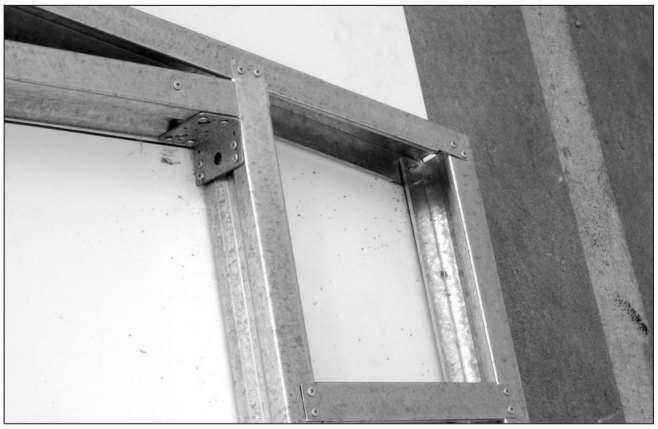
HIGH FRONT FRAME ASSEMBLY SUPPORT PHOTOS

STEP 8.
Join all sections together.

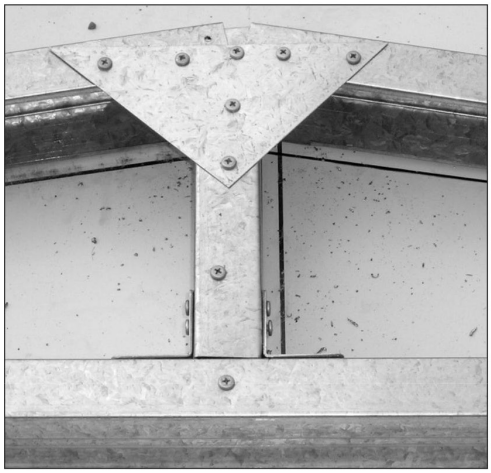
Step 8a



Step 8b



Step 8c



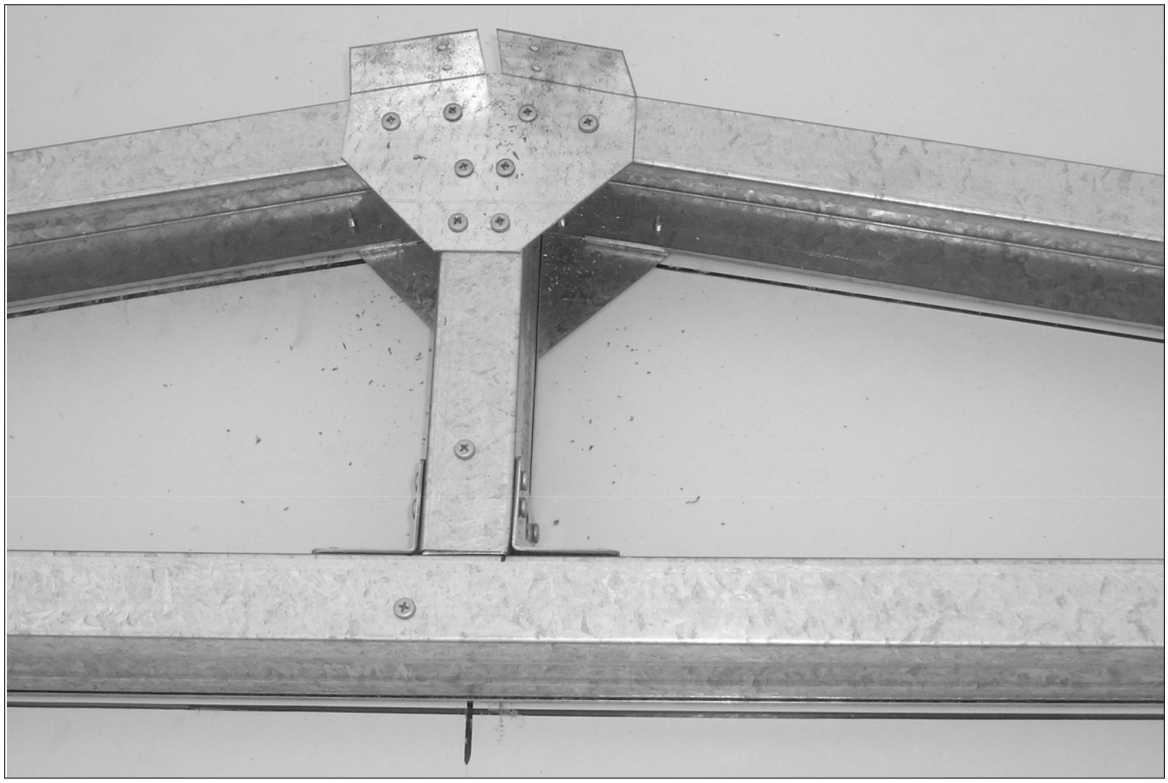
Step 8d

Step 8e

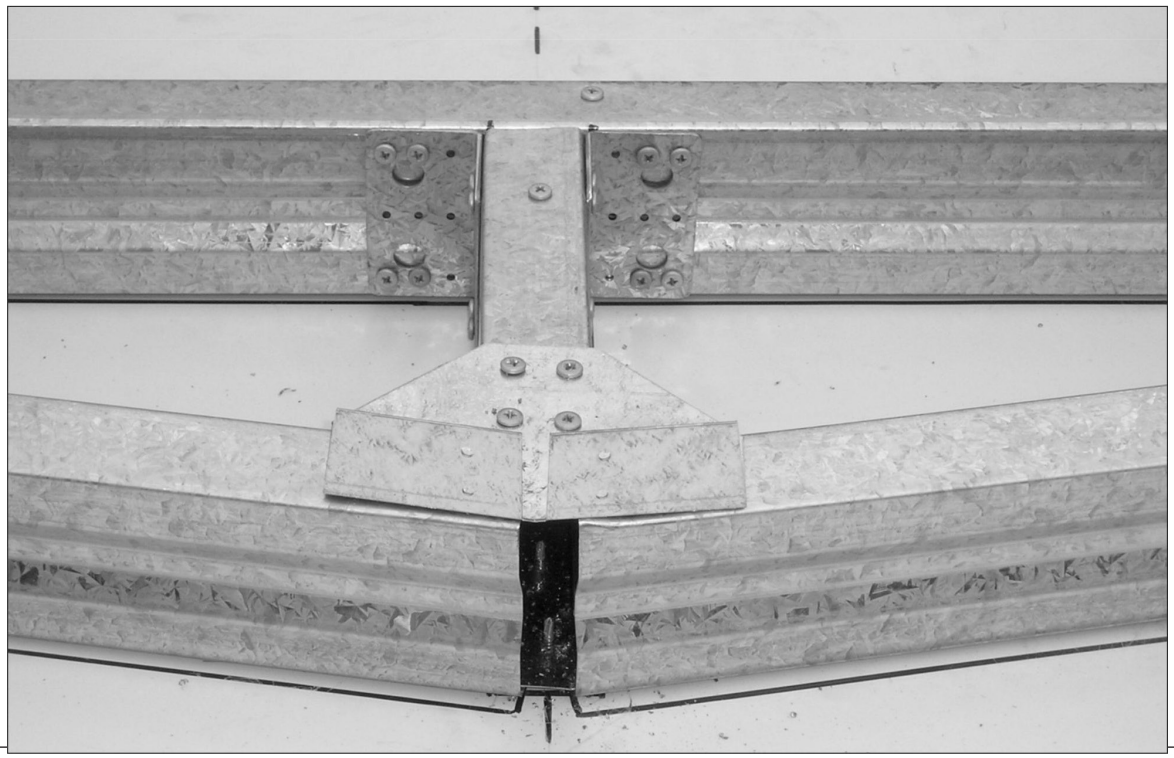
HIGH FRONT FRAME ASSEMBLY SUPPORT PHOTOS

STEP 9.
Turn over frame and repeat steps 4 to 8.

Step 9a

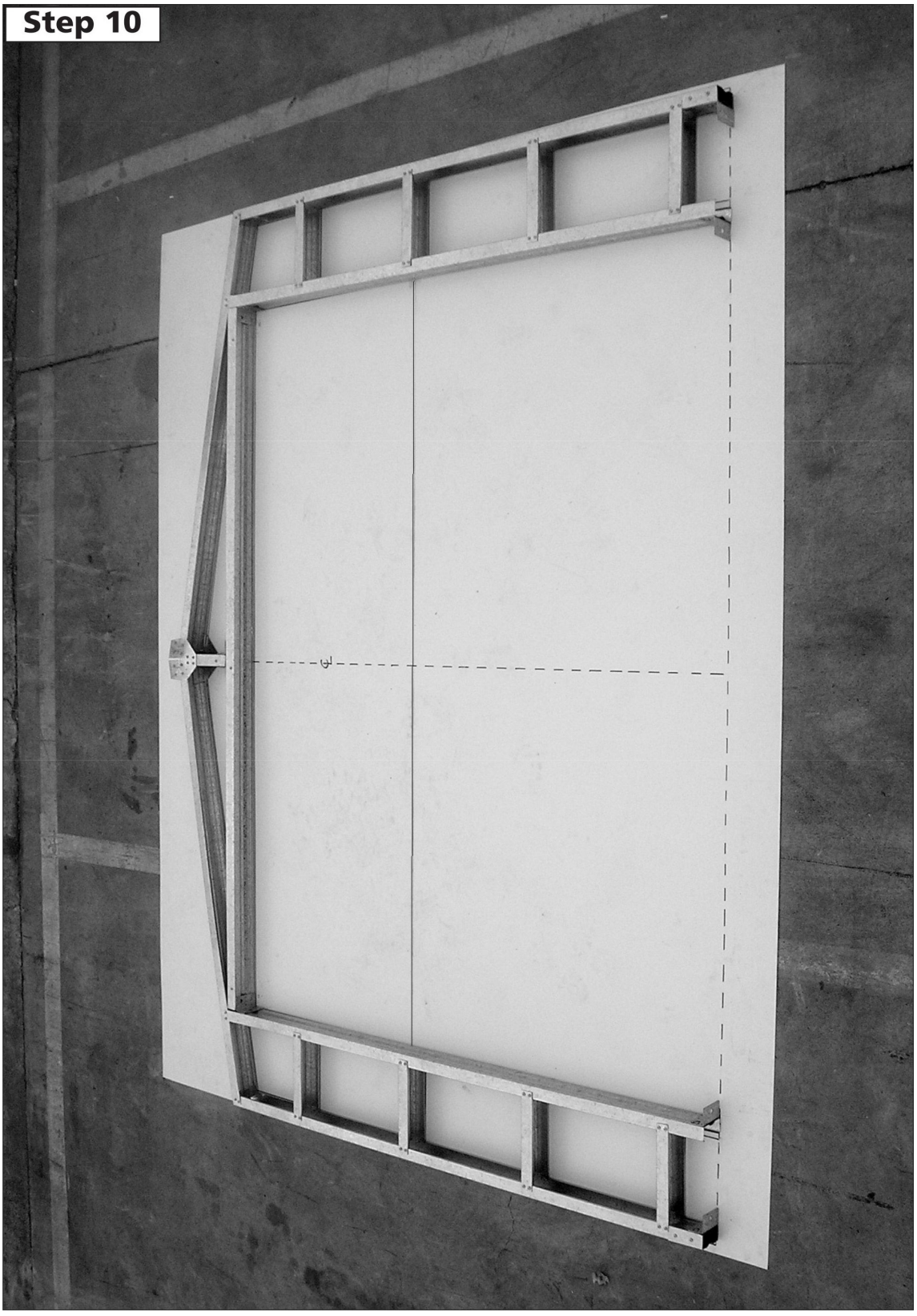


Step 9b



HIGH FRONT FRAME ASSEMBLY SUPPORT PHOTOS

STEP 10.
Fully assembled front frame.

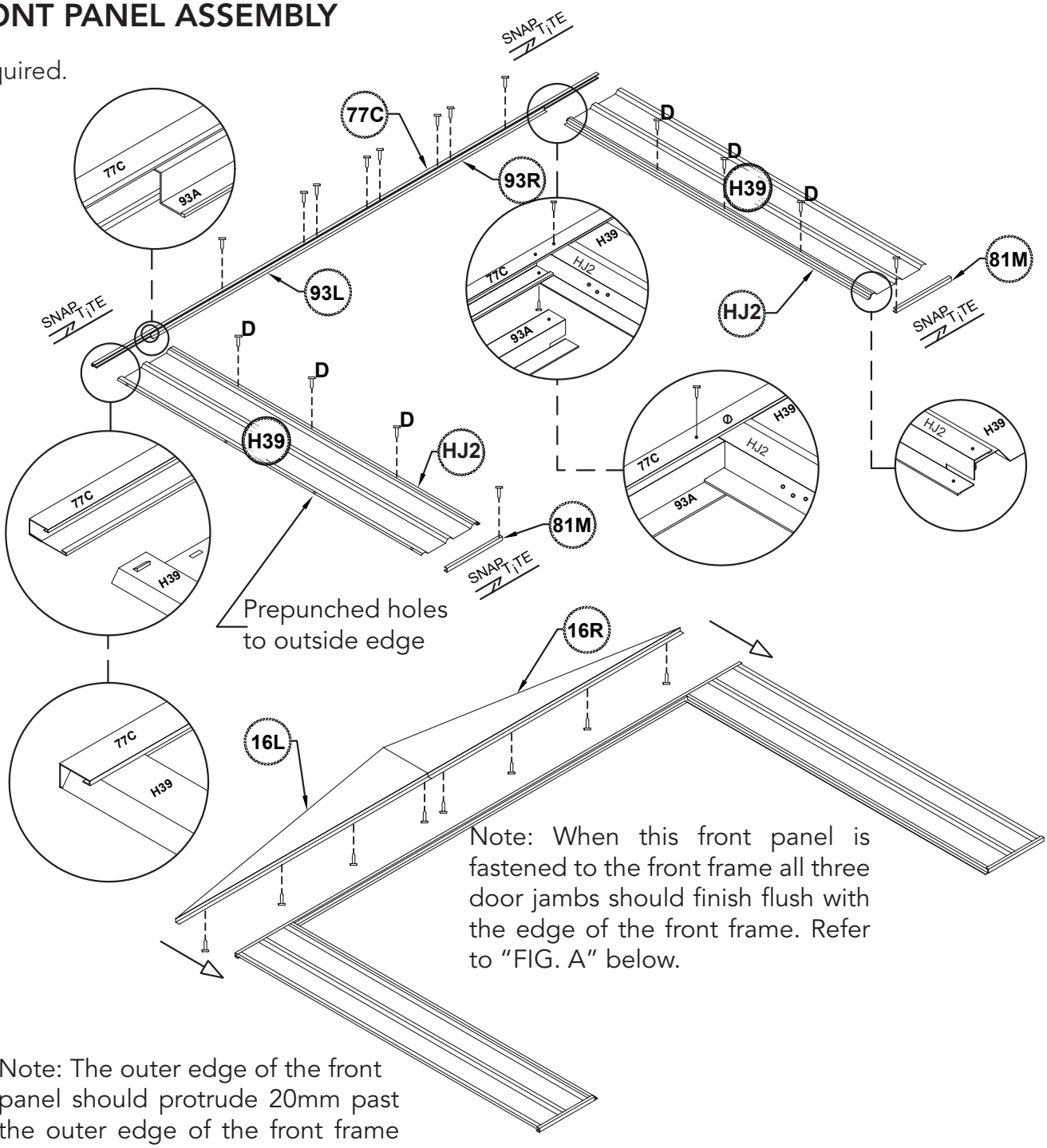


ABSCO HIGHLANDER GARAGE
MODEL: 3060HGK

3.00mW x 5.96mD x 2.30mH

FRONT PANEL ASSEMBLY

1 required.



Note: When this front panel is fastened to the front frame all three door jambs should finish flush with the edge of the front frame. Refer to "FIG. A" below.

Note: The outer edge of the front panel should protrude 20mm past the outer edge of the front frame for corner lapping of side wall panels. (Fig.B))

FIG. A FIG. A

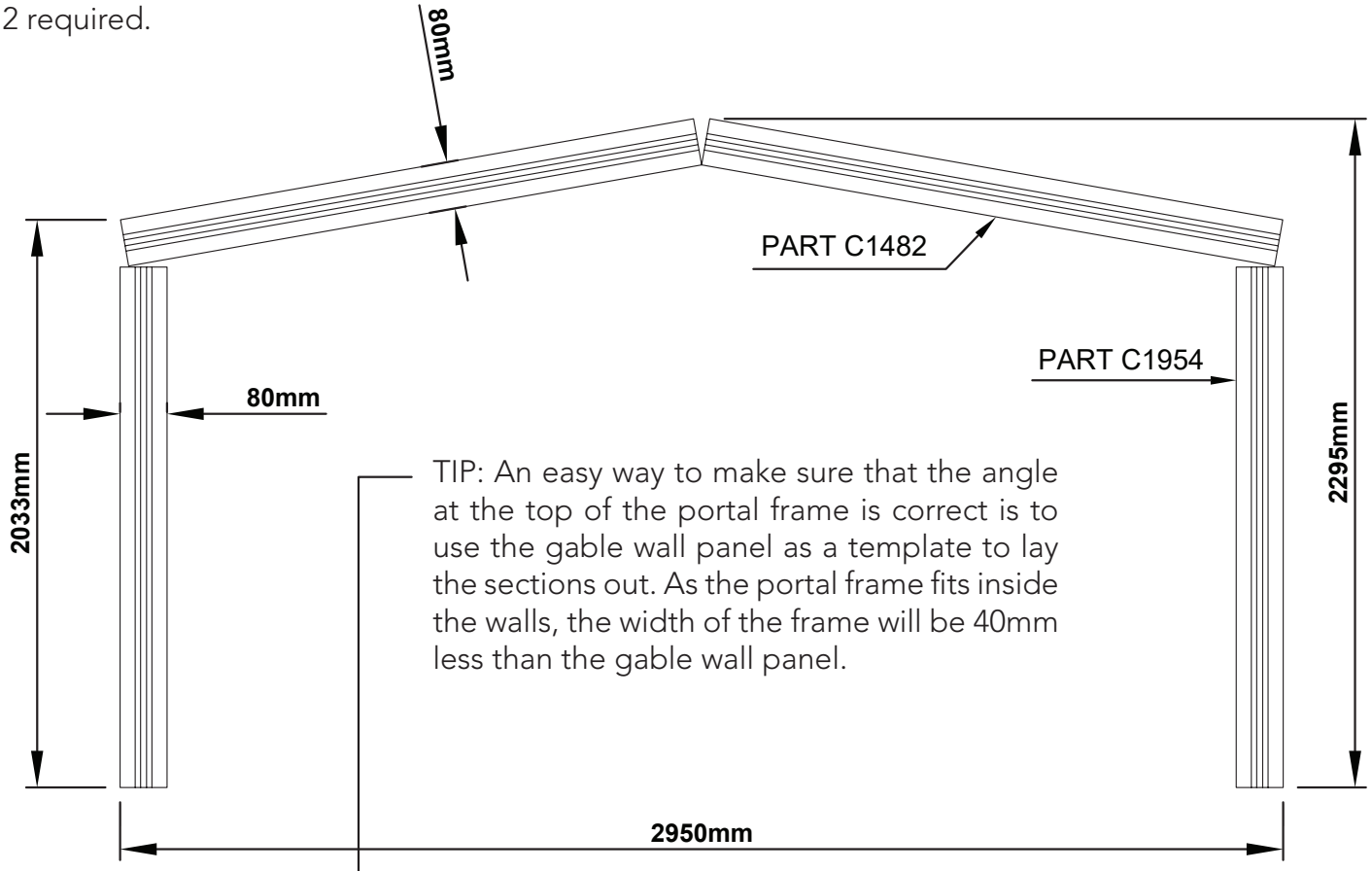
FIG. B FIG. B

ABSCO HIGHLANDER GARAGE MODEL: 3060HGK

3.00mW x 5.96mD x 2.30mH

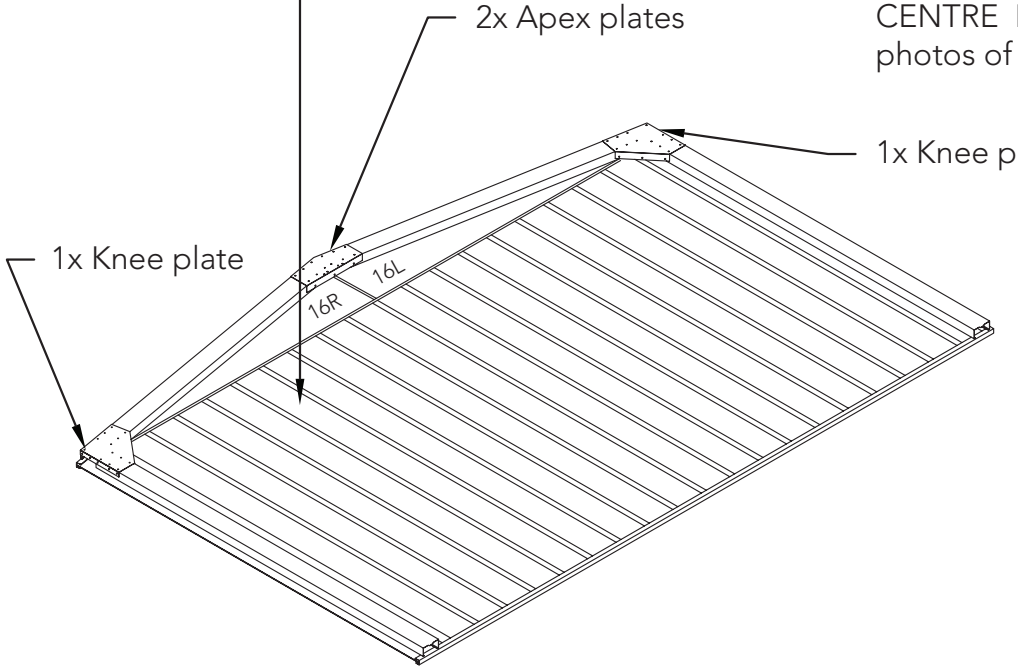
HIGH PORTAL FRAME DETAILS

2 required.



TIP: An easy way to make sure that the angle at the top of the portal frame is correct is to use the gable wall panel as a template to lay the sections out. As the portal frame fits inside the walls, the width of the frame will be 40mm less than the gable wall panel.

NOTE: Refer to the section HIGH CENTRE PORTAL ASSEMBLY for photos of the process.

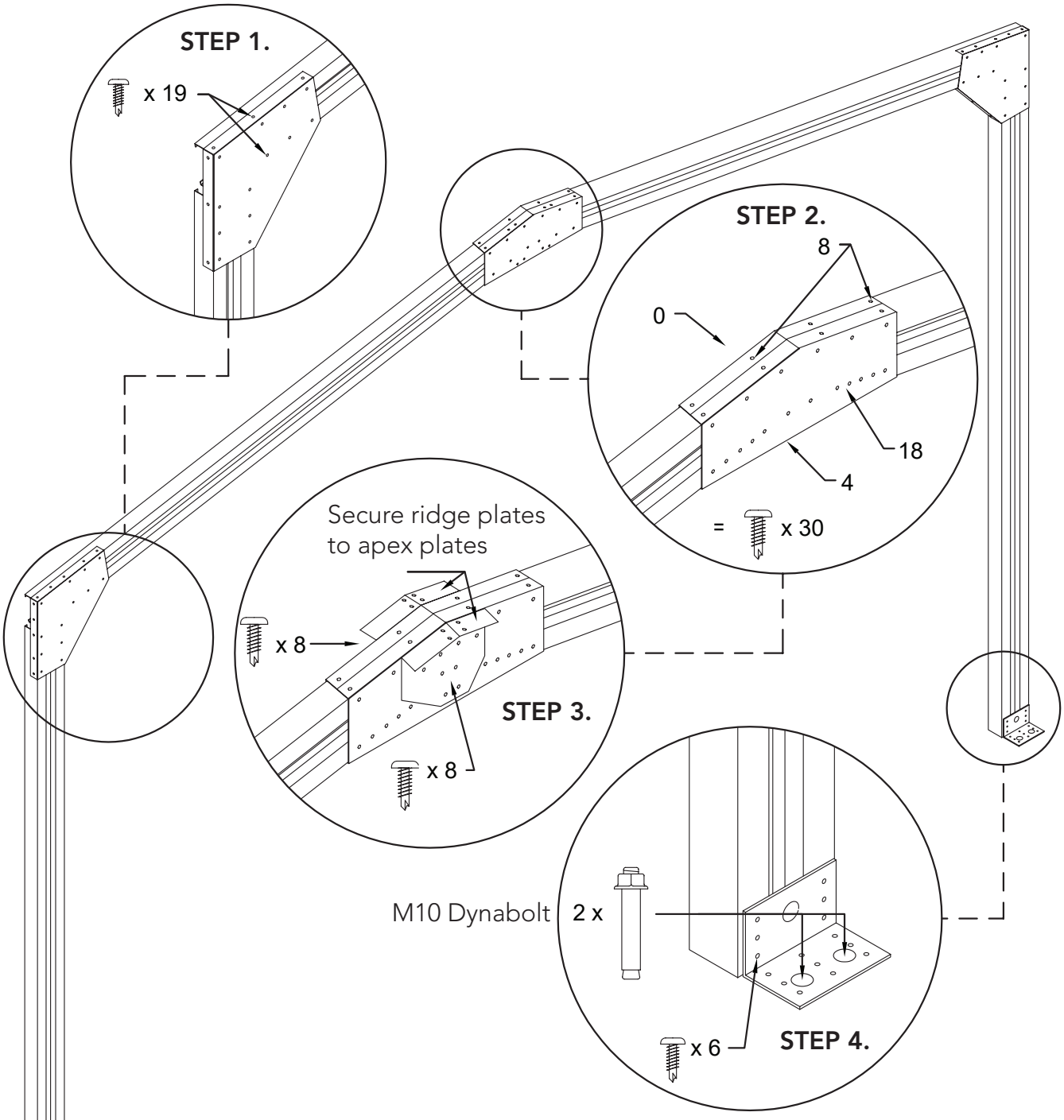


NOTE: If you have a slab with an edge rebate in your concrete slab, you will have to cut an amount off the bottom of the frame legs equal to the depth of the rebate.

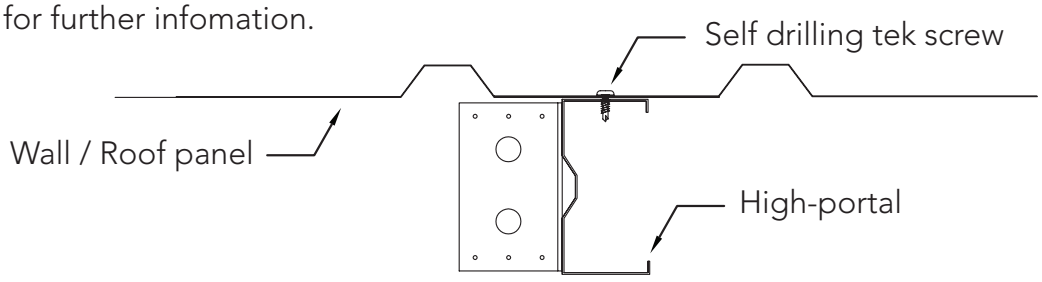
ABSCO HIGHLANDER GARAGE
MODEL: 3060HGK

3.00mW x 5.96mD x 2.30mH

HIGH PORTAL FRAME ASSEMBLY



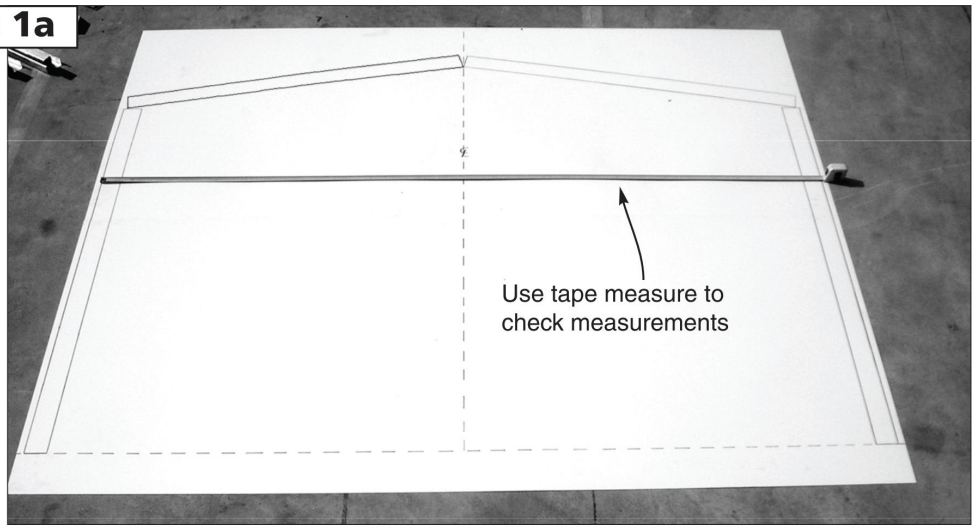
High-portal to panel connection, see section PANEL CONSTRUCTION for further infomation.



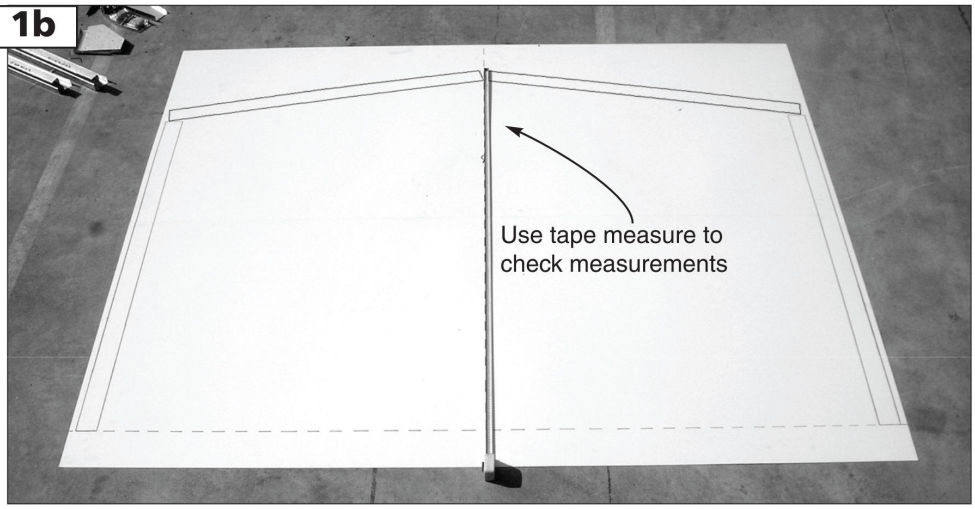
HIGH CENTRE PORTAL ASSEMBLY SUPPORT PHOTOS

STEP 1.
Draw pattern on the concrete in accordance with the dimensions detailed in the assembly instructions.

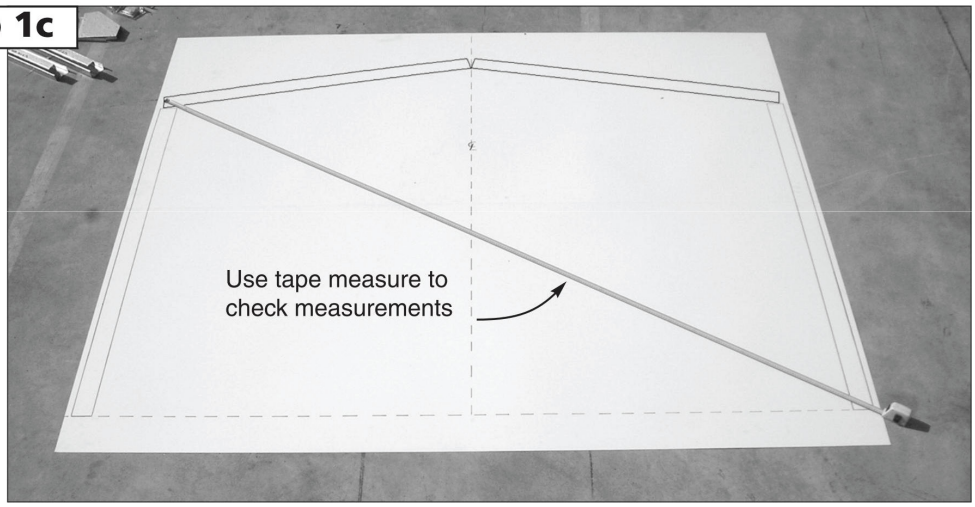
Step 1a



Step 1b



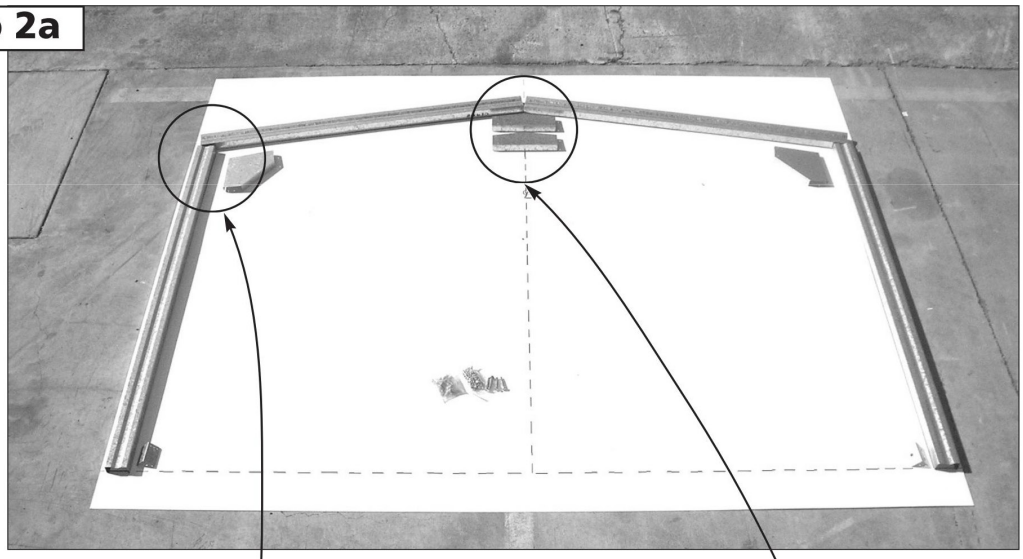
Step 1c



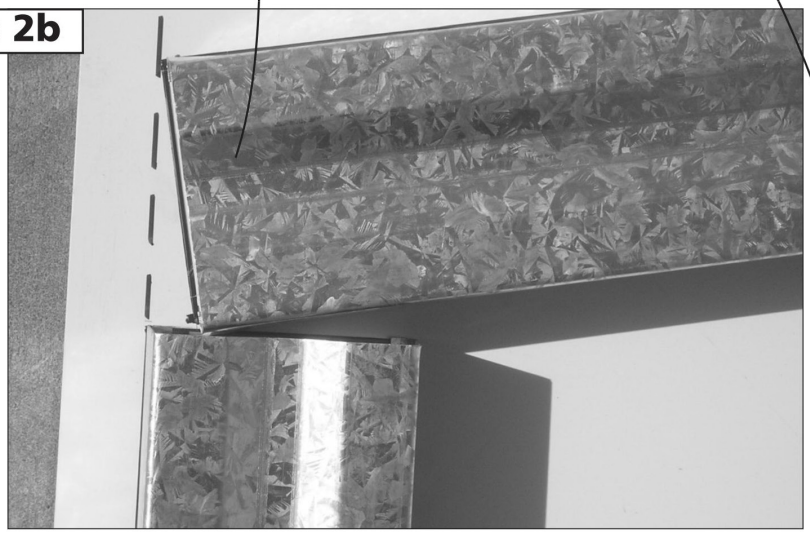
HIGH CENTRE PORTAL ASSEMBLY SUPPORT PHOTOS

STEP 2.
Understand where components are to be positioned

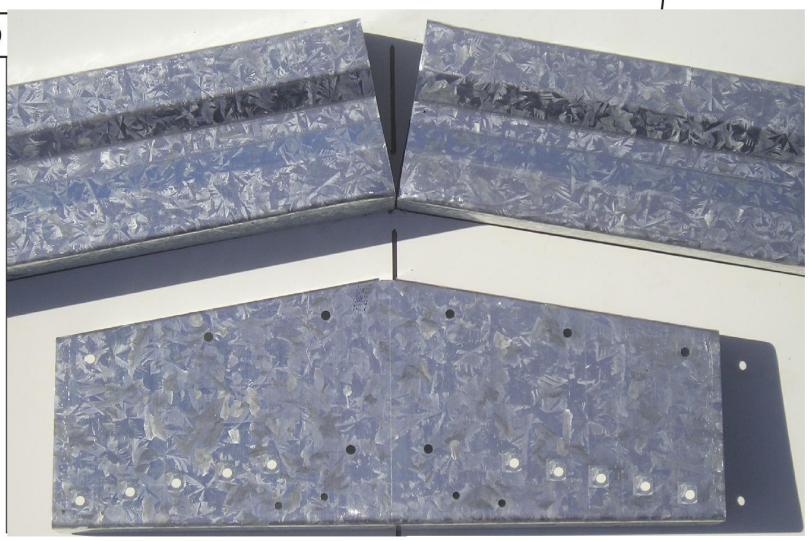
Step 2a



Step 2b



Step

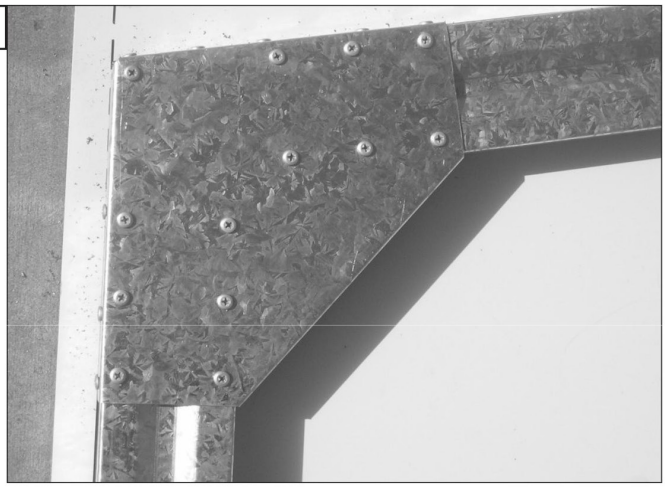


HIGH CENTRE PORTAL ASSEMBLY SUPPORT PHOTOS

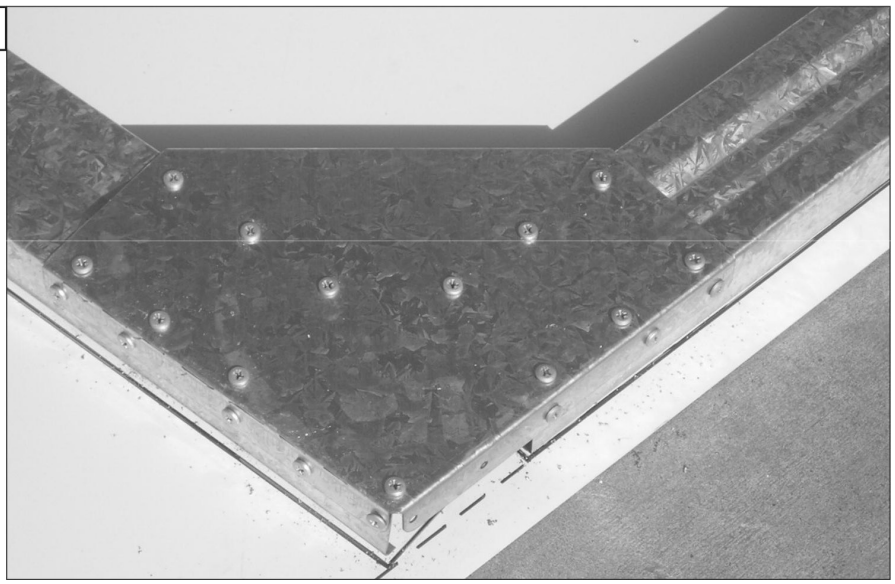
STEP 3.
Join C1482 to C1954

Step 3a

Step 3b



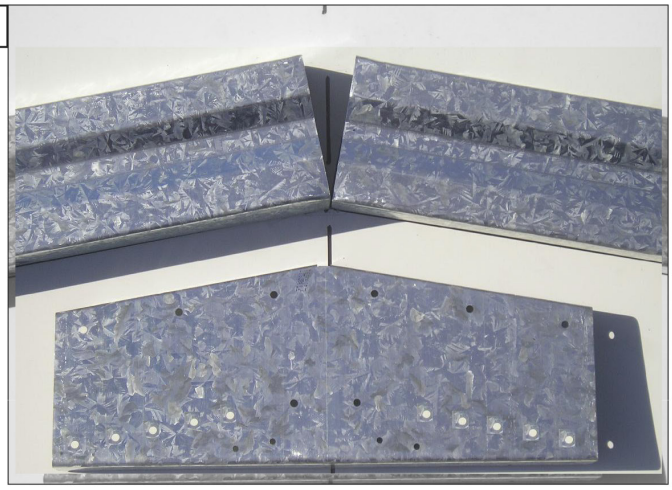
Step 3c



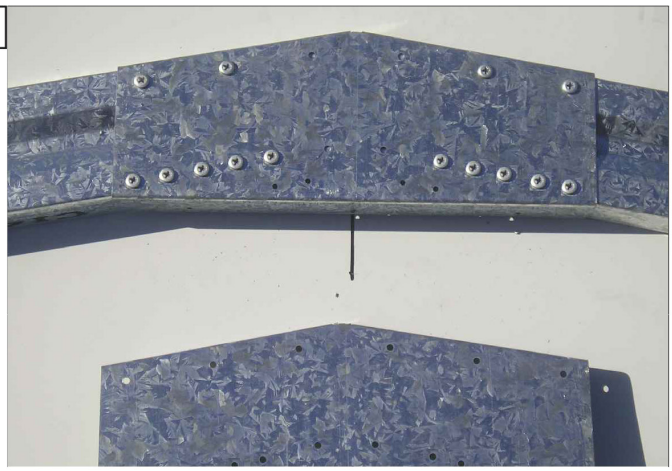
HIGH CENTRE PORTAL ASSEMBLY SUPPORT PHOTOS

STEP 4.
Join C1482 to C1482

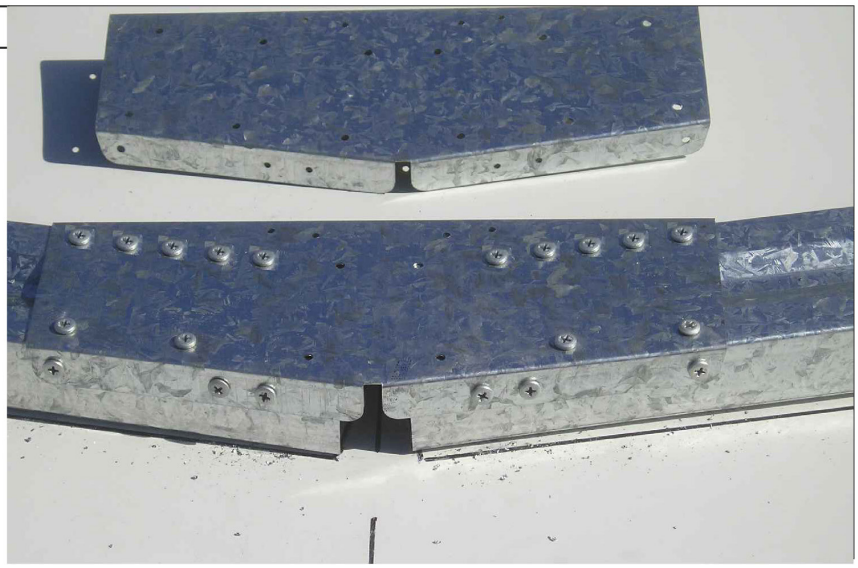
Step 4a



Step 4b

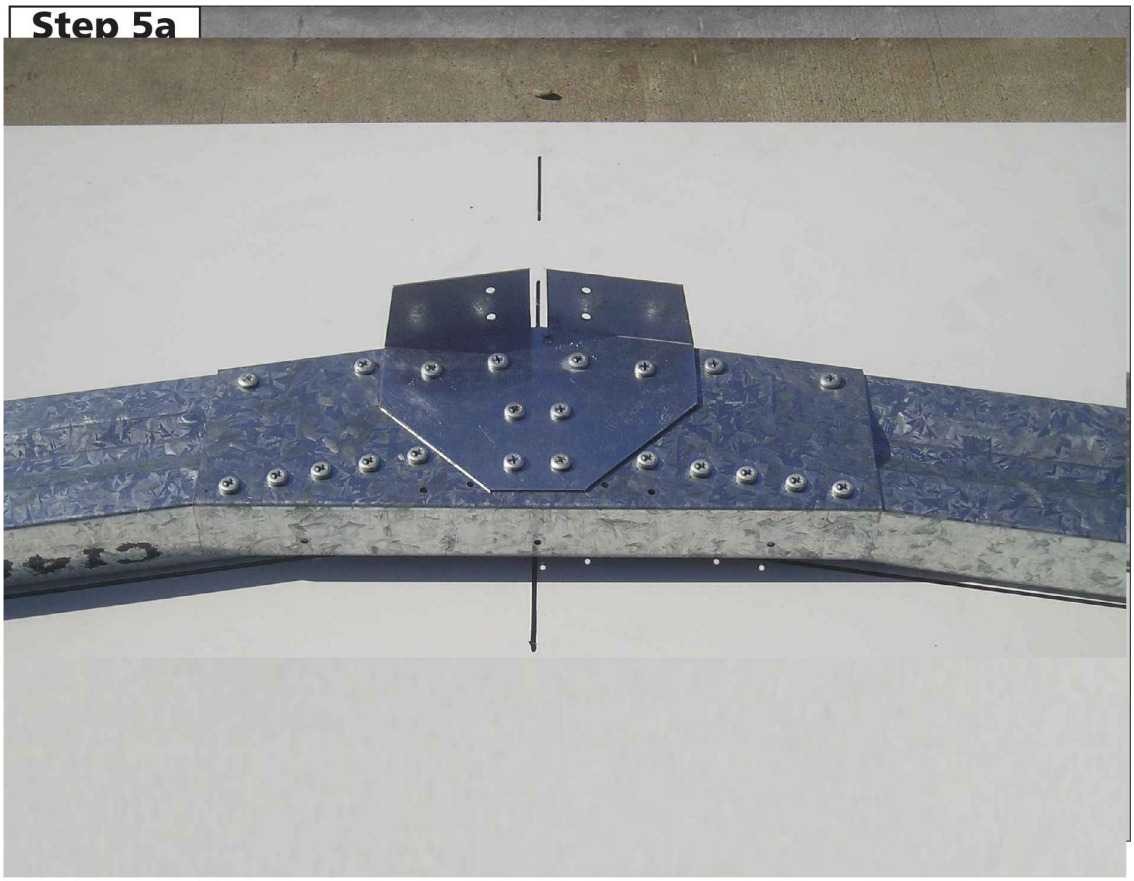


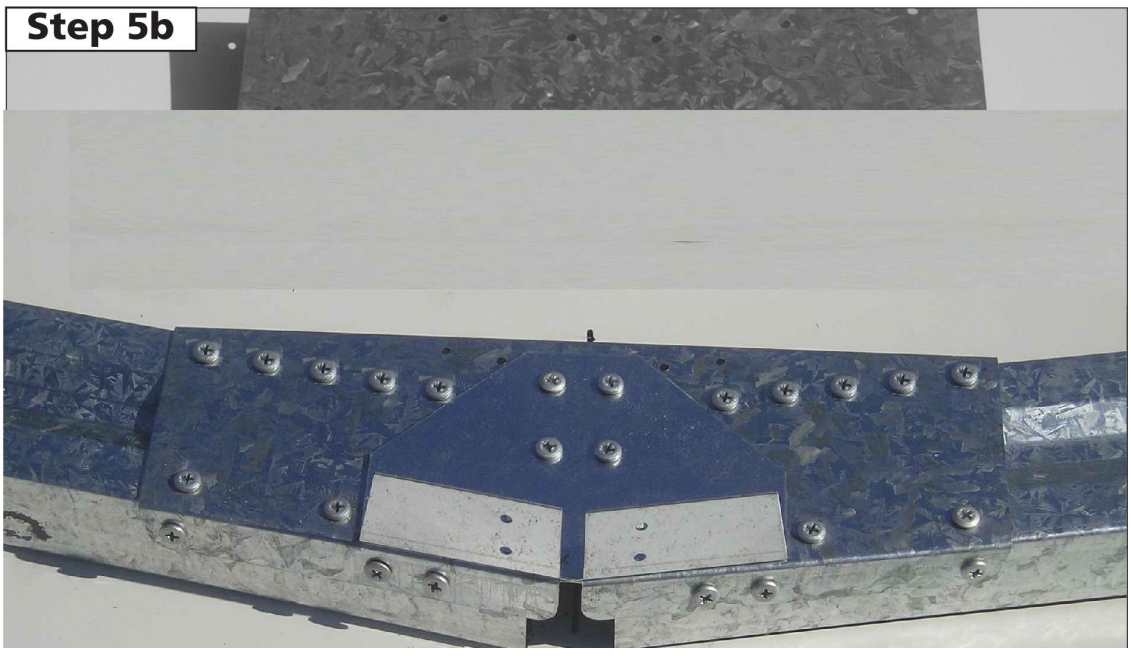
Step 4c



HIGH CENTRE PORTAL ASSEMBLY SUPPORT PHOTOS

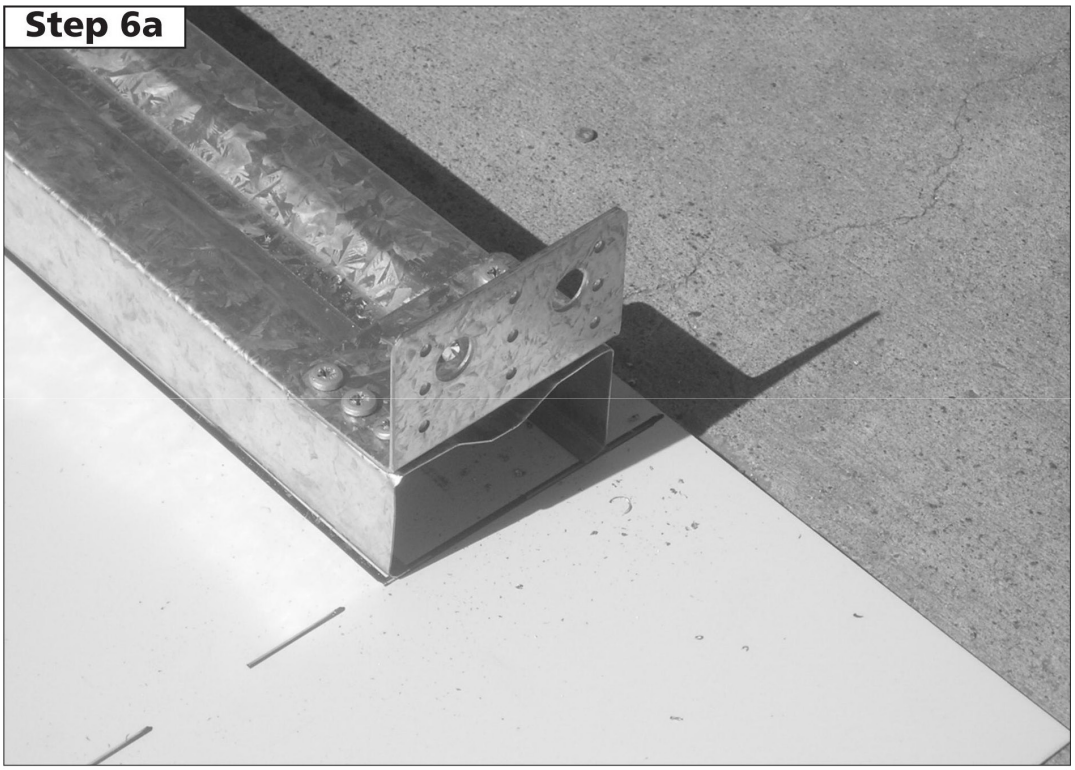
STEP 5.
Secure ridge plate (RBP)

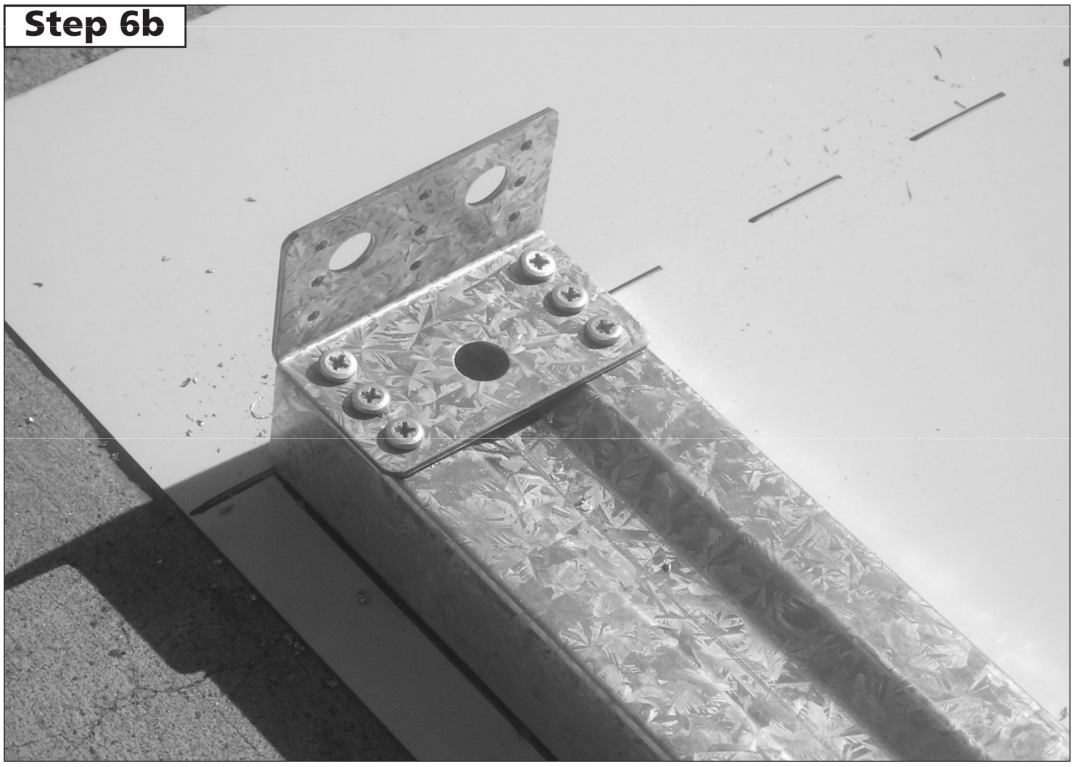




HIGH CENTRE PORTAL ASSEMBLY SUPPORT PHOTOS

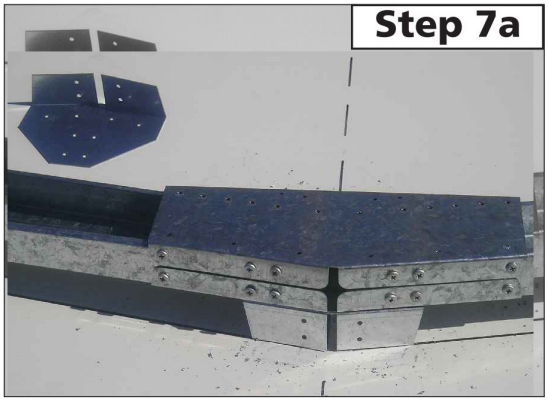
STEP 6.
Secure multi purpose brackets

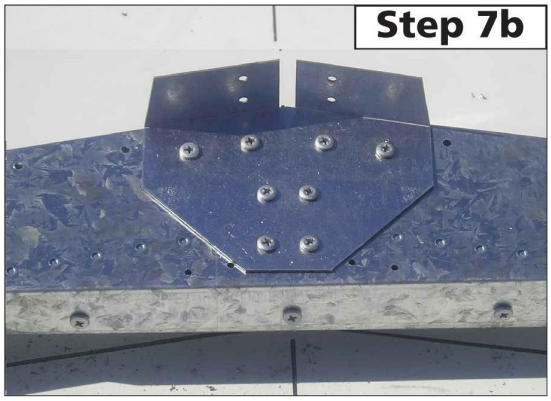


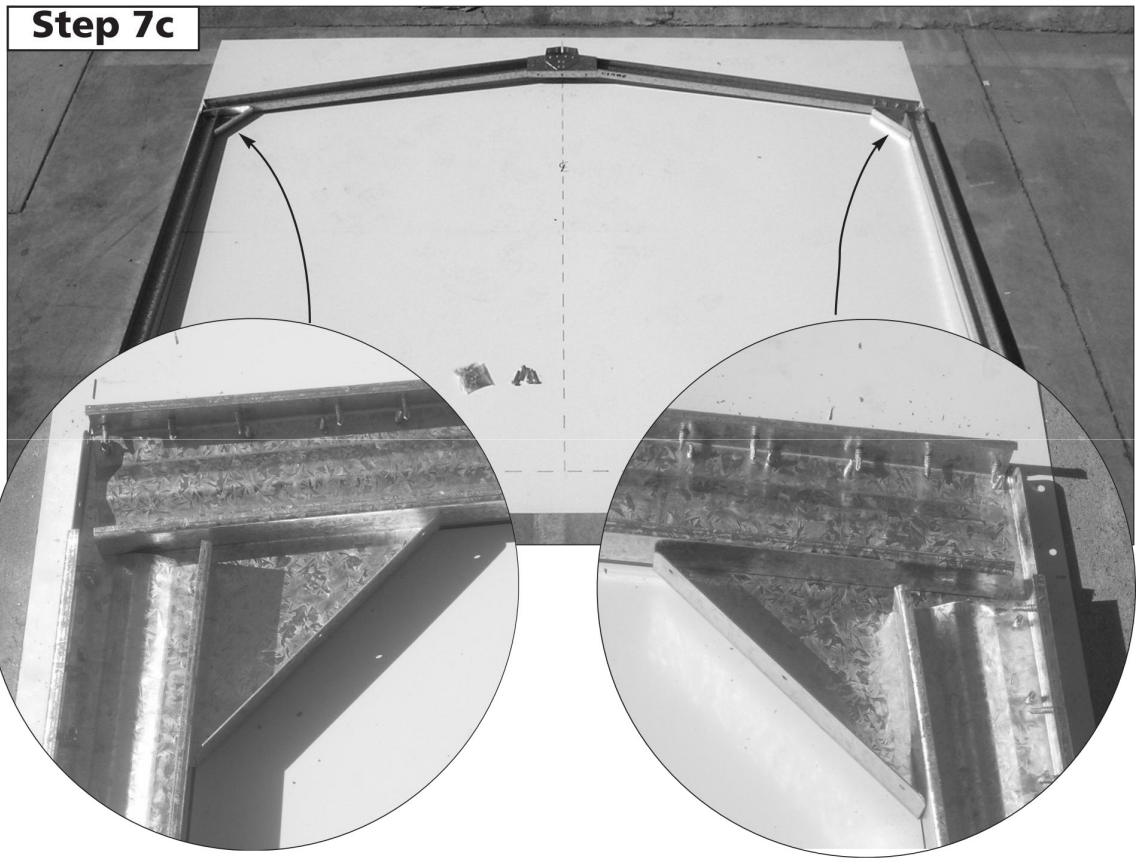


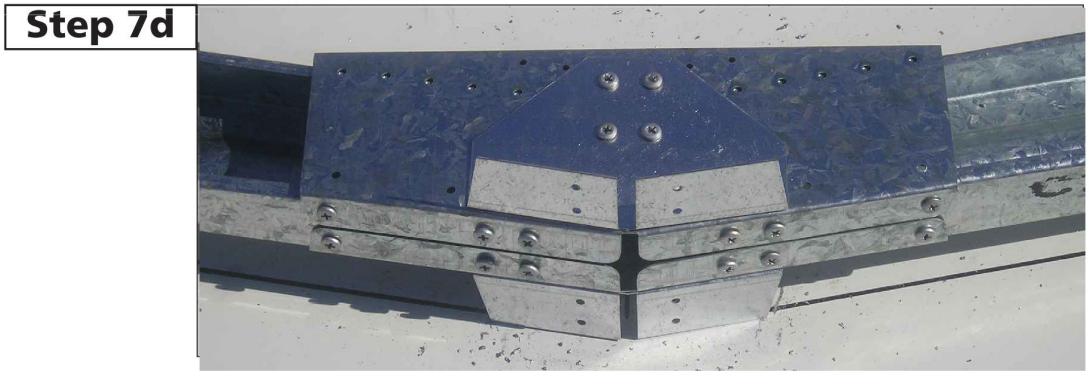
HIGH CENTRE PORTAL ASSEMBLY SUPPORT PHOTOS

STEP 7.
Turn frame over and repeat steps 4 and 5.









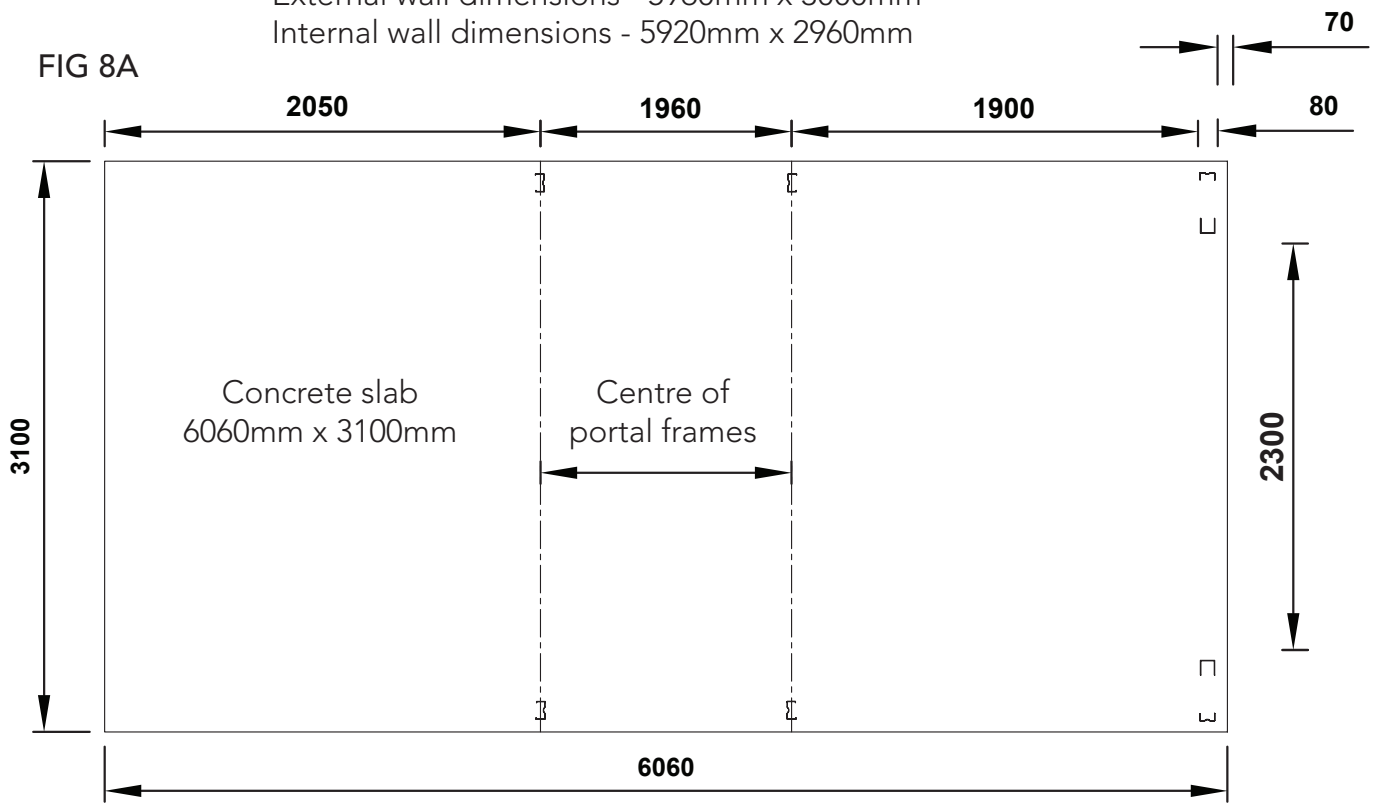
ABSCO HIGHLANDER GARAGE MODEL: 3060HGK

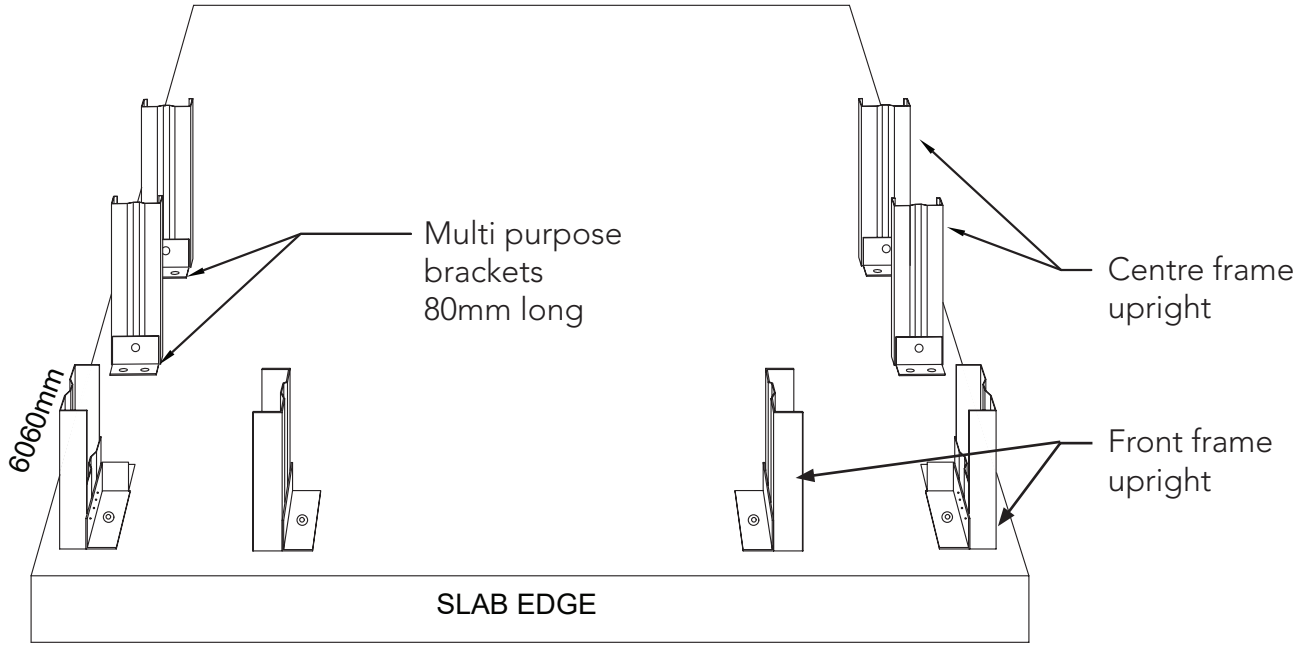
3.00mW x 5.96mD x 2.30mH

HIGH PORTAL FRAME DETAILS

Recommended slab dimensions - 6060mm x 3100mm
External wall dimensions - 5960mm x 3000mm
Internal wall dimensions - 5920mm x 2960mm

FIG 8A



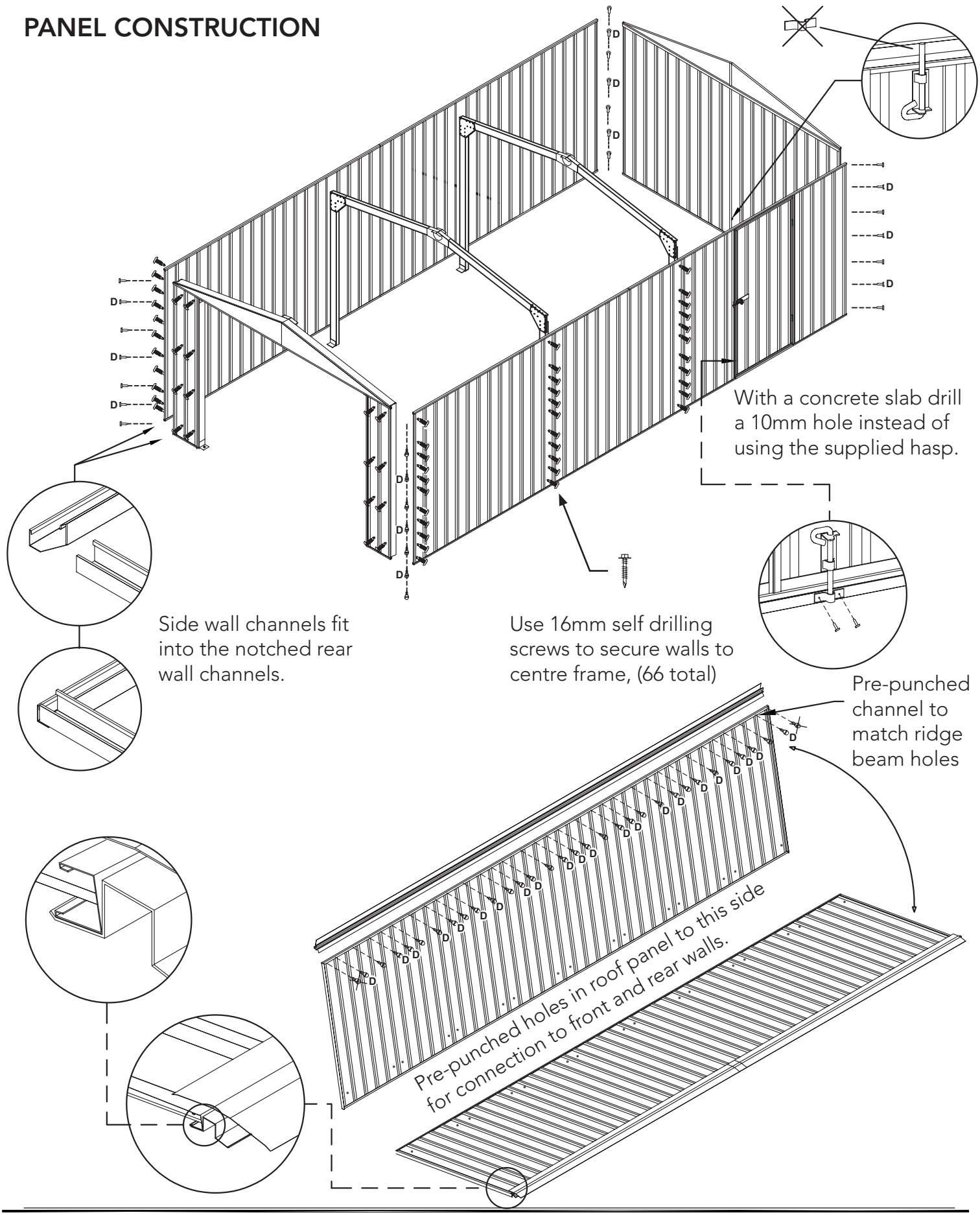


- Secure multipurpose brackets to uprights using self drilling screws
- Move frames into postion, mark and drill holes in slab using 10mm masonry drill bit
- Secure frames to slab with M10 dynabolts.

ABSCO HIGHLANDER GARAGE
MODEL: 3060HGK

3.00mW x 5.96mD x 2.30mH

PANEL CONSTRUCTION



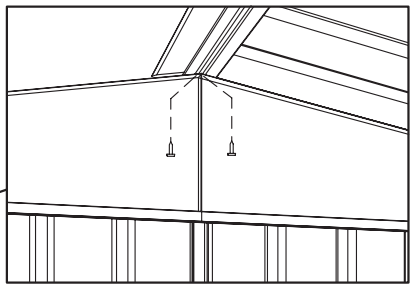
ABSCO HIGHLANDER GARAGE
MODEL: 3060HGK

3.00mW x 5.96mD x 2.30mH

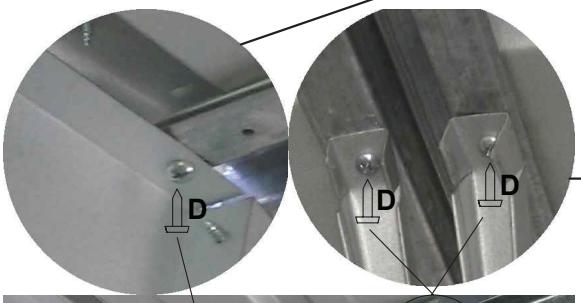
ROOF CONSTRUCTION

STEP 1.
Slide the roof panels into position and secure with only one screw in each corner at this stage.

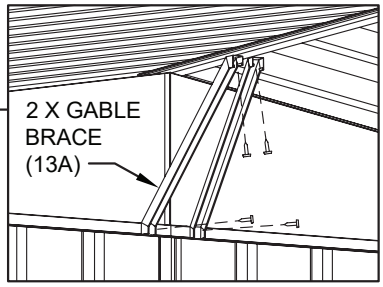
INSIDE VIEW



STEP 2.
Secure ridge beam to gable sections with two screws at either end.



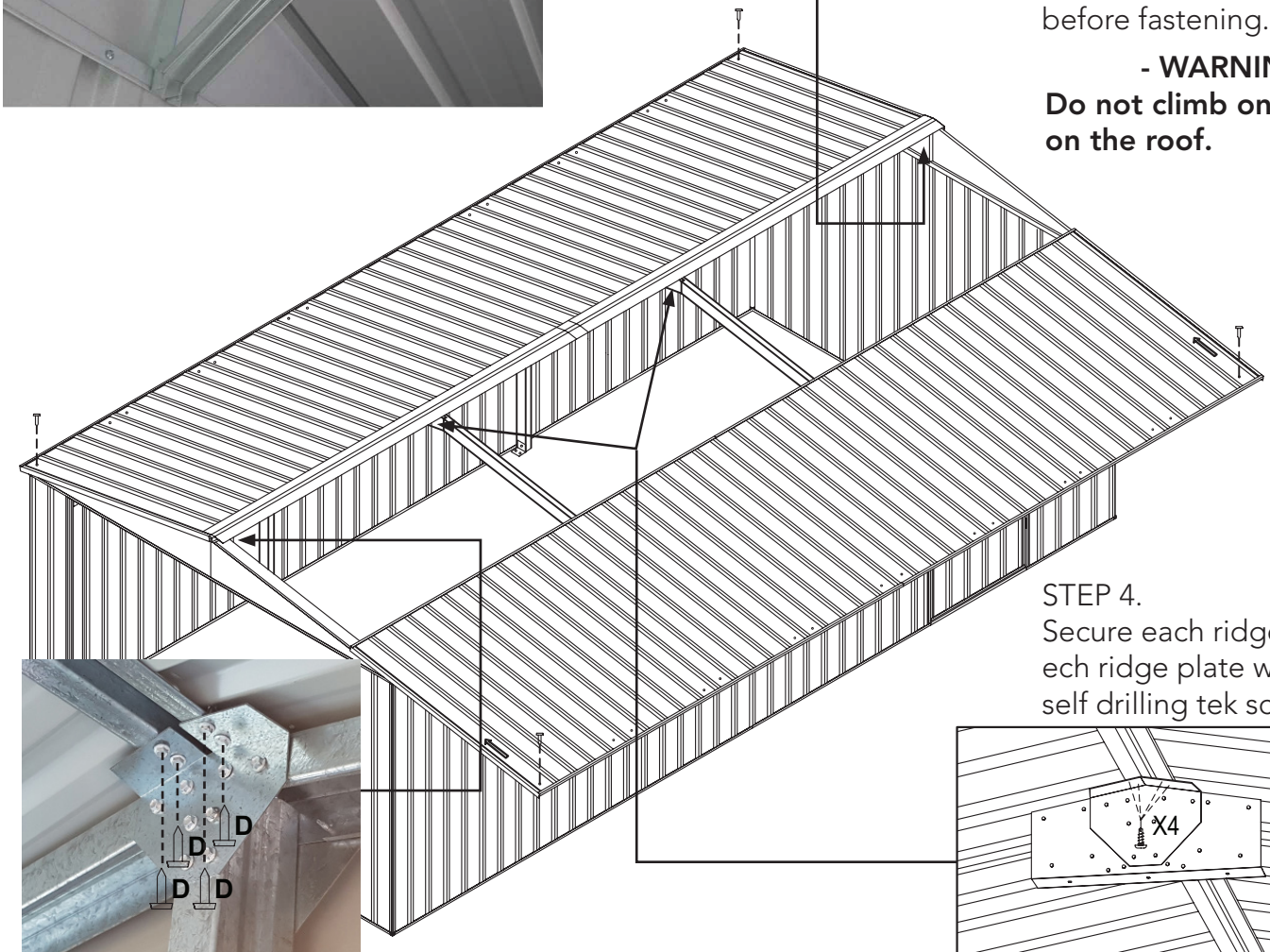
INSIDE VIEW



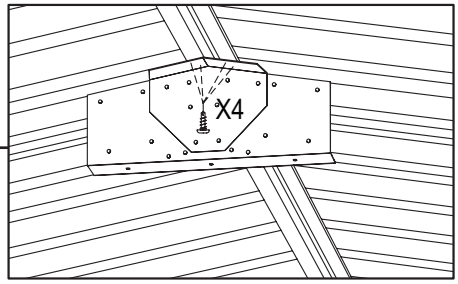
STEP 3.
After the roof panels have been secured, fit two gable braces (13A) form the top wall channel to the underside of the ridge beam at 45 degrees as shown to both gable walls

NOTE: This symbol D denotes that holes to be pre-drilled with a 3mm drill bit before fastening.

- WARNING -
Do not climb on or walk on the roof.



STEP 4.
Secure each ridge beam to ech ridge plate with 4x 16mm self drilling tek screws.



ABSCO HIGHLANDER GARAGE
MODEL: 3060HGK

3.00mW x 5.96mD x 2.30mH

FINAL CONSTRUCTION

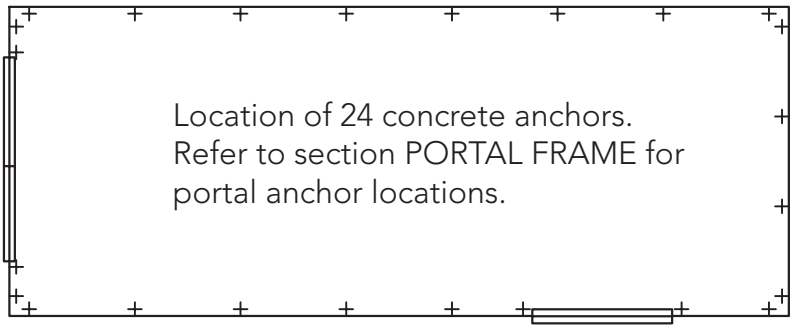
STEP 1.
Secure the roof panels to the wall panels as shown.

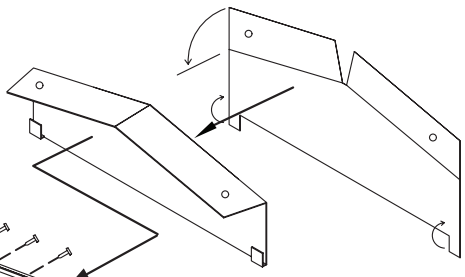
STEP 2.
Secure the roof panels to the internal frames with self drilling tek screws.

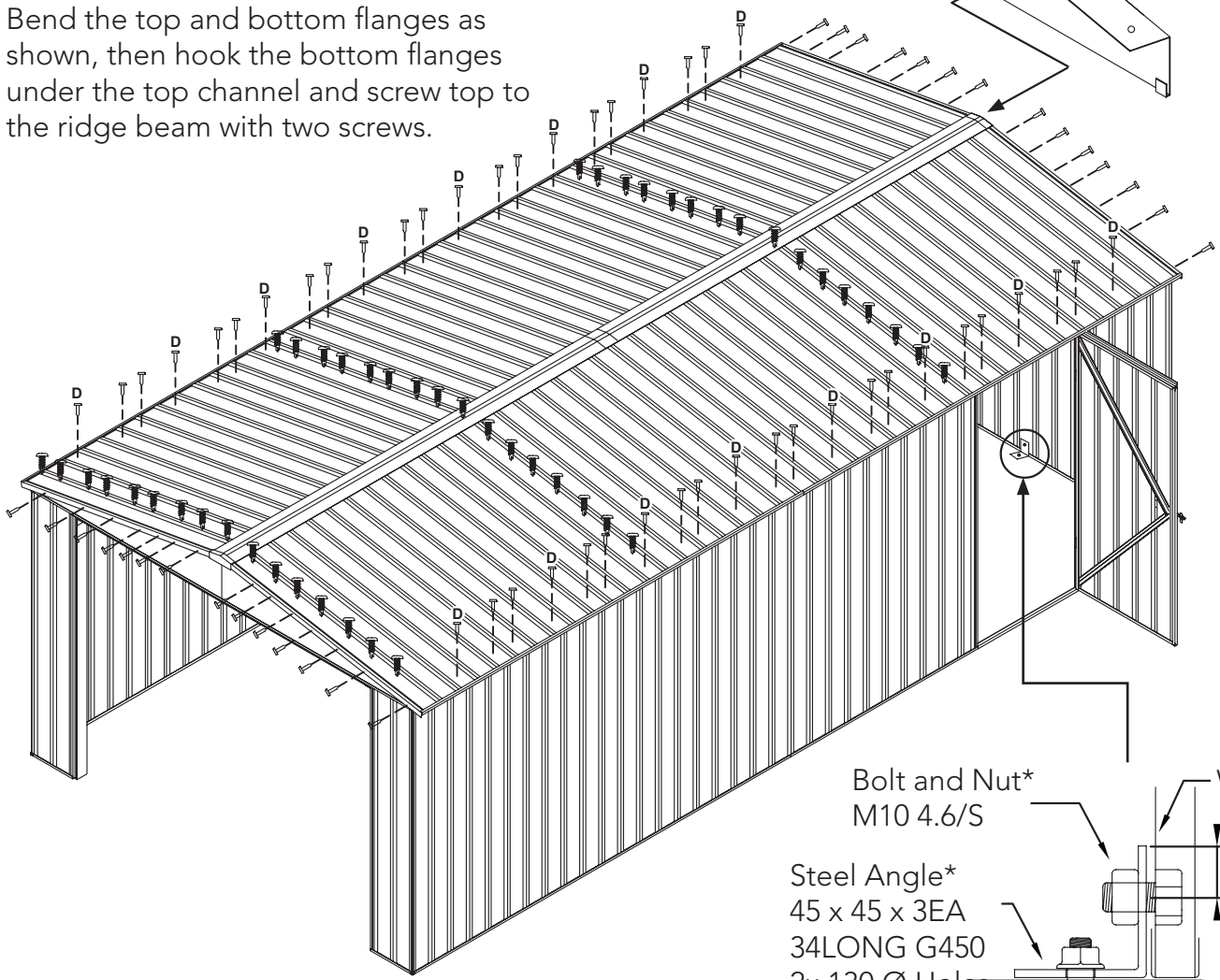
STEP 3.
Secure the portal frames to the ridge beam as detailed on the previous page.

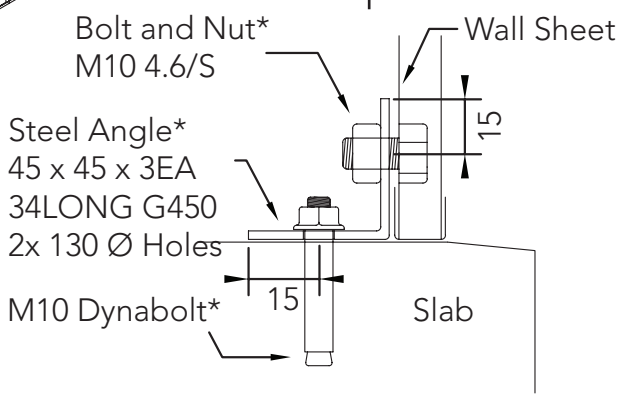
STEP 4.
Bend the top and bottom flanges as shown, then hook the bottom flanges under the top channel and screw top to the ridge beam with two screws.

ANCHORING OF SHED









Each anchor consists of one nut, bolt, M10 dynabolt and steel angle.
Drill a 10mm hole into the wall sheet.
Drill a 10mm hole into the concrete.

* Denotes hot dip galvanised finish

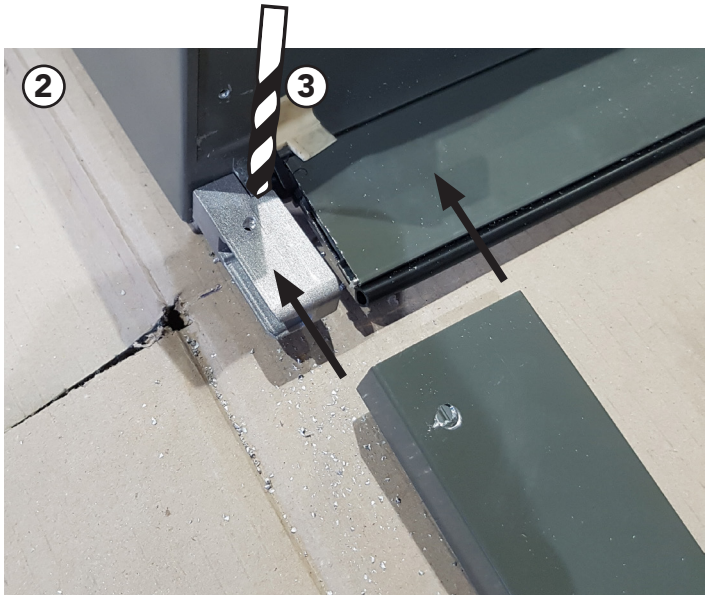
ROLLER SHUTTER ASSEMBLY SUPPORT PHOTOS

To begin remove the tape that is holding the back cover of the roller shutter unit.

1
Take the two "end plate legs" and slide them onto the roller door unit as shown below. These will be used to fit the guides.

2
Take the guides and slide them up over the edge of the roller shutter and end plate leg.

3
Pre-drill with the 3mm drill bit through the guide and the end plate legs.
Take a 45mm long Tek screw and fasten through both of these.
NOTE: Do not advance the screw all the way down yet because we will use this screw to fasten it to the inside frame of the shed.



ROLLER SHUTTER ASSEMBLY SUPPORT PHOTOS

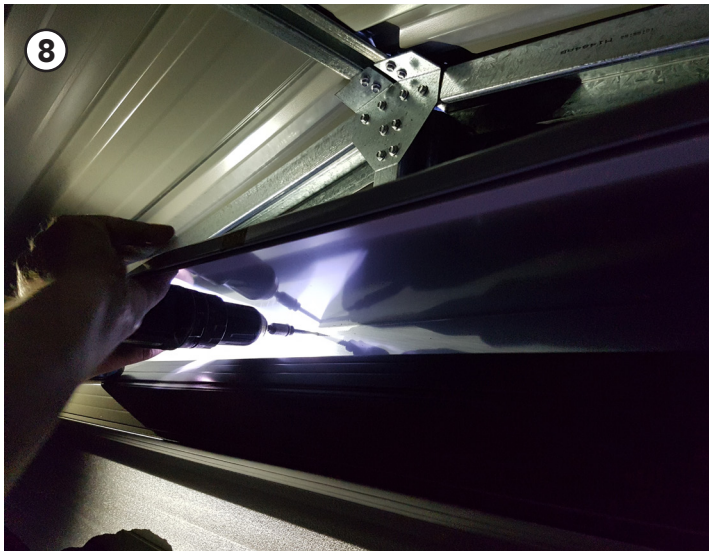
4
Position the roller door inside the shed as shown. You will need to bring it through the opening at an angle to get it to fit. Lay on ground as shown if there is enough floorspace. Remove all protective films at this point.

5
Stand the unit up and position the roller unit centred in the opening, you can check it is centred by looking at the guides. They should be running parallel to the front frame inset the same distance on both sides.

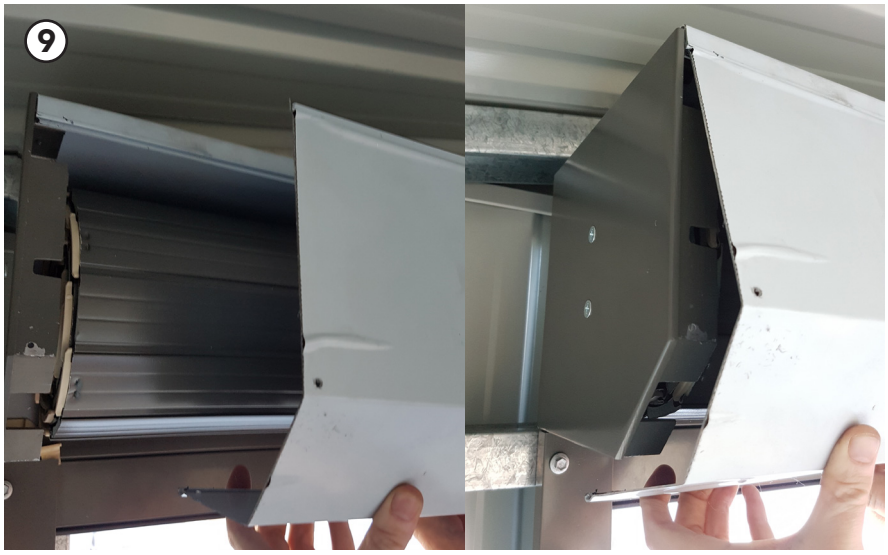
6
Next drive the Tek screw that is already in the roller unit through the rest of the way into the front frame on both sides.

7
Now the roller door is held in place slide the roller down and fasten at each cross member in the front frame. This will result in 4 screws per side. pre-drilling with a 3mm drill bit will make it easier to drive the 45mm tek screw into the front frame.

ROLLER SHUTTER ASSEMBLY SUPPORT PHOTOS



With the roller shutter fully extended use three more tek screws and fasten inside the roller unit in the top corner at the middle and either side spaced equally.
It is easier if you have an extension for your drill.
With the shutter unrolled completely remove the protective polycell sheet from within the roller.



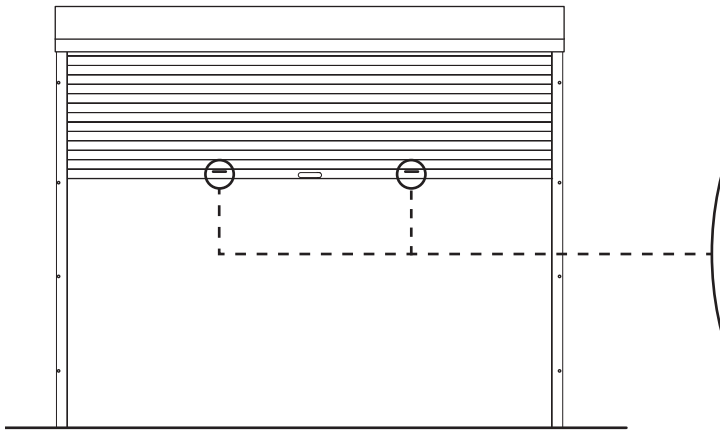
Take the sheet metal cover for the roller unit. Orient as shown, fasten with the supplied pop-rivets or use our most common self tapping screw to fasten.

ABSCO HIGHLANDER GARAGE MODEL: 3060HGK

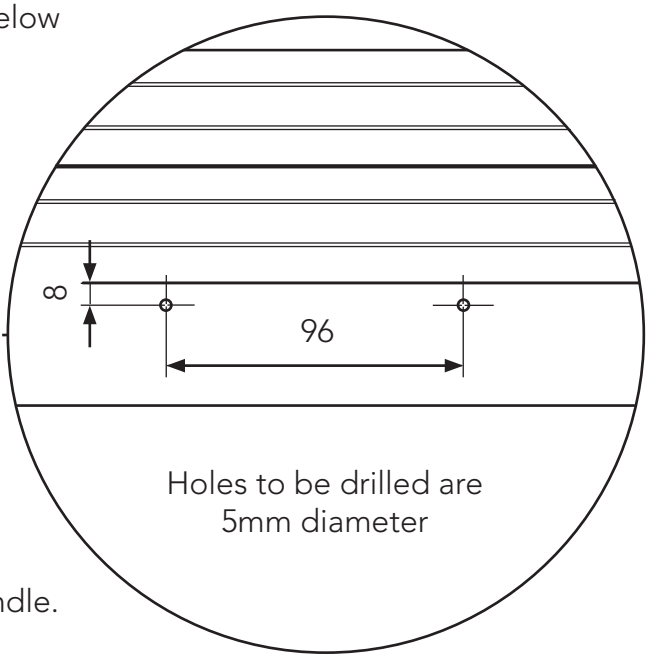
3.00mW x 5.96mD x 2.30mH

ROLLER SHUTTER FINAL ASSEMBLY

The handles can be mounted at any width along the locking bar.
Critical dimensions for drilling a handle are shown below

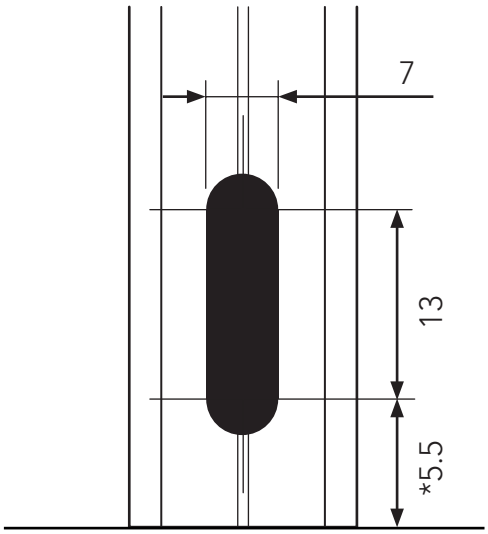


Internal view of roller shutter

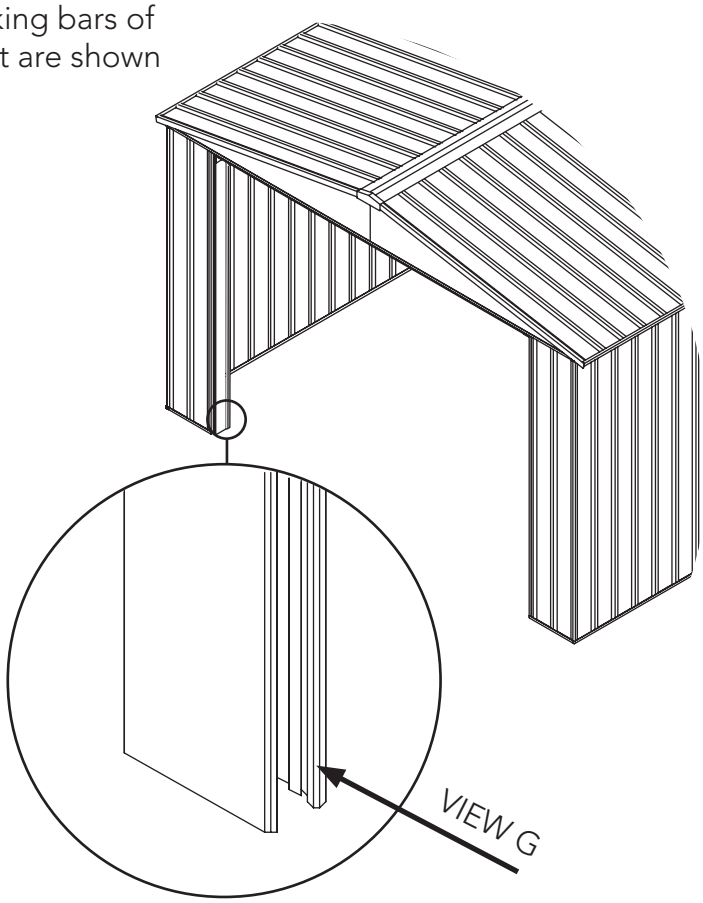


Fasten with two M4x15mm button hd screws per handle.

The two guides require cutouts to accept the locking bars of the roller shutter. Critical dimensions of the cutout are shown below.



VIEW G
Looking inside the guide track



Detail shown without framing or sheeting

*NOTE: If rubber is fitted to the bottom slat then make this dimension 11mm.
An uneven slab or misalignment of parts during construction may mean you have to alter these dimensions to suit.

Absco Large Gable Roof Shed Notes

General

- 1.G This instruction manual shall be read in conjunction with other consultants drawings, specifications and written instructions provided by Absco and/or their representatives.
- 2.G The drawings provided herein are for installation and structural engineering purposes only. If discrepancies are discovered within the documentation provided, these shall be brought to the attention of Absco and written approvals obtained prior to commencing the affected section of work.
- 3.G If in doubt ask.
- 4.G Until approvals from the local authorities are obtained, commencement of construction from these drawings shall not commence.
- 5.G Unless varied by the project specification, all materials and workmanship shall be undertaken in accordance with the relevant Australian standards and the by-laws and ordinances of the relevant building authorities.
- 6.G All dimensions indicated in these drawings shall be verified on site by the installation contractor. Scaling of drawings shall not be undertaken.
- 7.G Prior to commencing works on site, the contractor shall verify the position of all services in the area to ensure that the construction does not interfere with any of those services.
- 8.G During installation on site the shed structures shall be maintained in a stable condition with no part becoming overstressed or permanently deformed.
- 9.G In circumstances where the shed has been installed in a manner which is inconsistent with the installation manual, structural certification shall be void.

6-12 Activity St, Acacia Ridge QLD 4110
PO Box 119, Acacia Ridge QLD 4110
AU: 1800 029 710
NZ: 0800 466 444
admin@absco.com.au
www.abscosheds.com.au

Absco Large Gable Roof Shed Notes

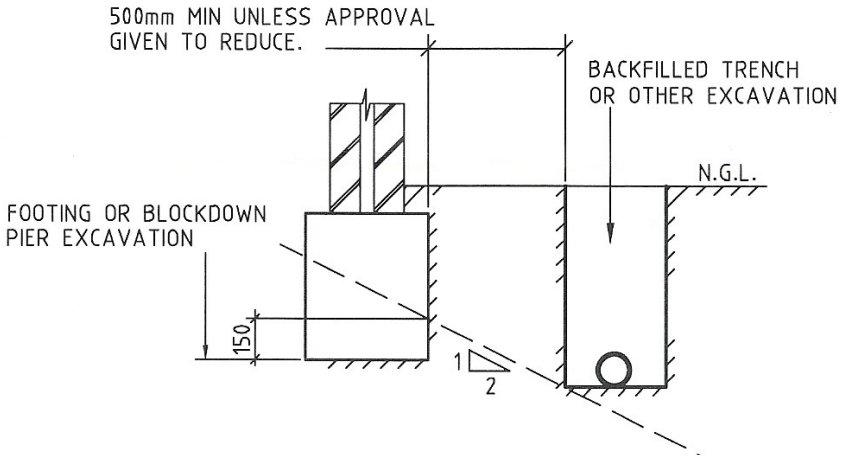
Steelwork

- 1.S All structural steelwork shall have a corrosion protection system applied consistent with AS/NZS 2312-2002.
- 2.S All structural steelwork detailed within this installation manual shall be minimum Grade 550 for roll formed sections (including roof and wall sheeting and portal frame members) and Grade 250 for angle sections.
- 3.S All multi purpose and anchor brackets for connection onto the supporting reinforced concrete slab (includes 45x45x3EA x 34mm long and 47x47x1.9EA x 80 long) shall be minimum Grade 450.
- 4.S All portal frame knee and apex plates shall be minimum Grade 450
- 5.S All roof, and wall sheeting shall be minimum base metal thickness of 0.3mm
- 6.S All portal frame members shall be minimum base metal thickness of 0.75mm.
- 7.S All snaptite channels and jambs shall be minimum base metal thickness of 0.42mm
- 8.S All top hats shall be minimum base metal thickness of 1.0mm
- 9.S All portal frame knee and apex plates shall be minimum base metal thickness 1.0mm
- 10.S All screw fasteners shall be Phil Pan Head Zinc Plated #8 x 3/4" (STP0820)
- 11.S All bolt fasteners for anchoring shall be M10 minimum grade 4.6/S
- 12.S Installation of screw fasteners shall generally be undertaken in accordance with the relevant provisions of AS1562.

Absco Large Gable Roof Shed Notes

Supporting Slab and Foundations

- 1.F The supporting slab foundation for the garden shed shall be of a minimum size indicated on the installation manual. The top surface of the formed slab shall be level and free of any irregularities which would inhibit the installation of the shed.
- 2.F The structural engineering design for the supporting slab foundation shall be undertaken by a suitably qualified structural engineer. The design shall consider all relevant provisions of AS3600 and AS2870.
- 3.F Between adjacent footings or excavations, the contractor installing the slab foundation shall not exceed a rise of 1 in a run of 2 in line of slope.
- 4.F Unless approved in writing by the slab foundation engineer, the limits of excavations near existing footings shall be in accordance with that indicated below.



The contactor shall undertake investigatory localised excavations near existing footings to ascertain their depth prior to excavating adjacent to them. It is noted that excavating to a depth below that indicated above shall not be undertaken without the written approval from the engineer.

Absco Sheds Storage Guidelines

- Absco Sheds are designed to be weatherproof for normal weather conditions. In the event of extreme weather conditions such as heavy rain, combined with high wind gusts, the ridge capping, sheeting joins, screw fixings etc., may exhibit minor deformations which may allow some water entry. These areas should be checked regularly to ensure that maximum strength and protection is maintained.
- Other weather conditions such as extreme heat and extreme cold, moist or dry air can influence the effects of concrete floor moisture and/or condensation on the underside of the roof sheets.
- Absco Sheds and storage units are primarily used for storage of garden equipment such as lawnmowers, wheelbarrows, garden tools etc. Storage items that might be adversely affected by any of the above conditions may require additional protection such as being sealed or covered by plastic sheets and/or stacked above the concrete floor on timber slats.
- Waterproof sealants may be used to offer further protection where required around joins and screw fixings, as can rubber door seals and other products which are available from most hardware outlets.
- Placement of waterproof sealants (silicone) between the base of the shed and concrete slab is not recommended, as this process can have a reverse effect, preventing excess water from escaping, resulting with water accumulating and being trapped inside the shed.
- Absco accepts no responsibility for water entry, floor moisture, condensation or the condition of the Contents inside your Absco steel building arising from any of the pre-mentioned weather conditions.
- Absco accepts no responsibility for structural damage if doors were left open and/or not secured during a weather event.

Post-Installation Care
Clear final product of steel fillings (swarf) caused by drilling holes and tek screws.

Failure to do so may cause discolouration of surfaces and promote corrosion.

Refer to warranty for more details

6-12 Activity St, Acacia Ridge QLD 4110
PO Box 119, Acacia Ridge QLD 4110

AU: 1800 029 701
NZ: 0800 466 444

admin@absco.com.au
www.abscosheds.com.au

Lifetime Warranty Statement

ABSCO SHEDS
So Tough. Too Easy.

1. DEFINITIONS

In this document, capitalised terms have the following meaning:

(a) "ABSCO" means John Scholtes Investments (No. 1) Pty Ltd trading as Absco Industries.

(b) "Authorised Purpose" means for storage (other than storage of corrosive materials), and other activities typically expected of a non-habitable structure.

(c) "Defect" means a defect in the design, workmanship, materials, or any other defect caused by the manufacturing process of the Product (including damaged or missing parts).

(d) "Excluded Environment" means land located within 1km of:

(i) salt marine locations or other areas of marine influence;

(ii) severe industrial or other abnormally or highly corrosive environments;

(iii) areas not washed by rain;

(iv) a recognised flood, bushfire or earthquake zone; or

(v) areas with uncontrolled fill, unless an engineered foundation is constructed.

(e) "Lifetime Warranty Period" means the period of 35 years, commencing on the day after the date of purchase of the Product.

(f) "Lifetime Warranty Statement" means this 'Lifetime Warranty Statement' document.

(g) "Parties" means ABSCO and You.

(h) "Product" means any of following unless stated otherwise in the product description and/or the Product Guide for the Product:

(i) products which utilise ABSCO 'SNAP-TiTE' technology, including but not limited to garden sheds, chicken coops, bike sheds and bin covers; and

(ii) all non-insulated large structures such as carports, awnings, shades and garages,

but does not include any product stated to be in the "ABSCO Economy" range.

(i) "Product Guide" means the guide for installation and maintenance of the Product produced by ABSCO.

(j) "You" / "Your" means the customer who purchased or installed the Product, or the person who owns the land upon which the Product is installed but does not include a subsequent purchaser of the Product where the Product is moved to a different location to that originally installed.

2. ABSCO'S STRUCTURAL WARRANTY

2.1. ABSCO provides this warranty to You in relation to the Product. The warranty applies to all colours and finish variants of the Product manufactured by ABSCO and sold by authorised sellers of the Product in Australia or New Zealand.

2.2. Subject to the terms of this Lifetime Warranty Statement:

(a) ABSCO warrants that the Product will be free from Defects for the duration of the Lifetime Warranty Period; and

(b) where the Product contains a Defect, ABSCO will either repair or replace the Product, or provide You with monetary compensation for the Defect in accordance with clause 3.

3. WARRANTY CLAIM PROCEDURE

3.1. If, during the Lifetime Warranty Period, You believe the Product has a Defect, You must comply with the procedure set out in this clause 3.

3.2. Within 30 days of becoming aware of the Defect in the Product, You must notify ABSCO in writing of the alleged Defect ("Defect Notice") by email to admin@absco.com.au.

3.3. The Defect Notice must include:

(a) Your name, address and contact details;

(b) proof of purchase of the Product, including the colour and finish of the Product;

(c) the date and location of the installation of the Product and details of the contractor or installer of the Product;

(d) details of the alleged Defect in the Product, including but not limited to:

(i) a clear description of the alleged Defect;

(ii) the date the alleged Defect was first identified; and

(iii) any photographs and/or video footage of the alleged Defect.

3.4. As soon as reasonably practicable after receipt of the Defect Notice, ABSCO will contact You to investigate the alleged Defect. You must make the Product available to ABSCO and/or its authorised representatives for inspection and testing if so required.

3.5. A travel fee may apply if ABSCO and/or its authorised representatives are required to inspect the Product outside a capital metropolitan city area.

3.6. If ABSCO's investigations reveal a genuine Defect in the Product, ABSCO may elect to either:

(a) repair the Product;

(b) replace all or part of the Product; or

(c) refund all or part of the purchase price paid by You as compensation for the Defect in the Product.

3.7. ABSCO's election in clause 3.6 is at ABSCO's sole discretion.

3.8. If ABSCO elects to repair the Product, ABSCO will arrange for a qualified tradesperson to attend to the rectification of the Defect as soon as reasonably practicable. The cost of the repair will be borne by ABSCO.

3.9. If ABSCO elects to replace the Product:

(a) ABSCO will arrange for the replacement Product to be available for collection by You from the nearest ABSCO authorised reseller as soon as reasonably practicable;

(b) You may be required to return the alleged Defective parts or components to ABSCO; and

(c) You will be liable for the cost of disassembly and removal of the Product and assembly of the replacement Product.

3.10. If ABSCO elects to repair or replace the Product and the necessary parts or components are no longer manufactured or supplied by ABSCO, ABSCO may repair or replace the parts or components with parts or components of a similar quality, grade, composition and colour. You cannot object to such an alternative.

3.11. If ABSCO's investigations do not reveal a genuine Defect in the Product (including a defect which is not covered by this warranty), You agree to pay ABSCO's reasonable investigation costs.

4. WARRANTY LIMITATIONS / EXCLUSIONS

4.1. To the extent permitted by law, this warranty will not apply where:

(a) the Product has been installed or used for a purpose that is not an Authorised Purpose;

(b) the Product has not been installed, assembled, maintained and/or operated in complete compliance with ABSCO's Product Guide;

(c) the Product has been used to store corrosive materials such as fertiliser or chlorine;

(d) the Product was installed in excess of 12 months after the purchase of the Product;

(e) the Product has not been installed in accordance with the relevant standards, codes and statutory regulations;

(f) the Defect is determined to have been caused by storm, wind, rain, earthquake, fire, snow or poor foundations;

(g) the Defect is, or is the result of, surface deterioration of panels caused by 'swarf' (tiny particles of steel debris left from cutting, grinding or drilling operations);

(h) the Product has been installed in an Excluded Environment;

(i) the Product has been subject to accident, negligence, alteration, abuse or misuse;

(j) the Defect is determined to be the result of overloading; or

(k) ABSCO determines that the Defect is the result of a failure of a third-party product.

4.2. You acknowledge that:

(a) dimensions and colour of the Product are subject to normal manufacturing variations and tolerances, and that reasonable variances are not considered a Defect under this warranty; and

(b) this warranty is limited to the repair or replacement of Defects in the Product and does not extend to any other product or any other consequential or indirect damage incurred as a result of the Defect.

4.3. For the purpose of this warranty, the following matters are excluded from the definition of Defect:

(a) general wear and tear which is reasonably expected to occur over the life of the Product;

(b) surface deterioration of panels caused by 'swarf' (tiny particles of steel debris left from cutting, grinding or drilling operations);

(c) condensation caused by weather conditions such as extreme heat or cold;

(d) defects in any fastening apparatus (screws, nuts, bolts, rivets, hasps or bolts);

(e) leaks caused by driving rain;

(f) improper installation, maintenance or handling of the Product;

(g) movement, distortion, collapse or settling of the ground or the supporting structure on which the Product is installed; or

(h) staining from foreign substances (including mould, mildew, dirt, grease, oil and any other substance).

4.4. To the extent permitted by law, ABSCO is not liable to compensate You for any:

(a) increased costs or expenses;

(b) loss of profit, revenue, business, contracts or anticipated savings;

(c) loss or expense resulting from a claim by a third-party; or

(d) special, indirect or consequential loss or damage of any nature whatsoever, arising from a Defect in the Product or ABSCO's repair or replacement of the Product under this warranty.

5. CONSUMER LAW

Australian Consumer Law

5.1. Clauses 5.2 to 5.3 apply where the Product was purchased in Australia.

5.2. The Product comes with guarantees that cannot be excluded under the Australian Consumer Law. You may be entitled to a replacement or refund for a major failure of the Product and compensation for any other reasonably foreseeable loss or damage. You may also be entitled to have the Product repaired or replaced if the Product fails to be of acceptable quality and the failure does not amount to a major failure.

5.3. The benefits of this Lifetime Warranty Statement are in addition to any rights and remedies imposed by Australian State and Federal legislation that cannot be excluded. Nothing in this Lifetime Warranty Statement is to be interpreted as excluding, restricting or modifying any State or Federal legislation applicable to the supply of goods and services which cannot be excluded, restricted or modified.

New Zealand Consumer Law

5.4. Clauses 5.5 to 5.6 apply where the Product was purchased in New Zealand.

5.5. This warranty is subject to the laws of New Zealand, including but not limited to the New Zealand Sale of Goods Act, the Consumer Guarantees Act and the Fair Trading Act.

5.6. The benefits of this Lifetime Warranty Statement are in addition to any rights and remedies imposed by New Zealand legislation that cannot be excluded. Nothing in this Lifetime Warranty Statement is to be interpreted as excluding, restricting or modifying any New Zealand legislation applicable to the supply of goods and services which cannot be excluded, restricted or modified.

6. NO REPRESENTATIONS / ENTIRE AGREEMENT

6.1. You agree and acknowledge that this Lifetime Warranty Statement contains the entire agreement between the Parties regarding the warranty provided by ABSCO to You in relation to the Product.

6.2. To the full extent permitted by law, this Lifetime Warranty Statement supersedes all other warranties of any kind, including whether express or implied by representations, statement, correspondence or other conditions such as merchantability or fitness for purpose.

7. REGISTRATION OF WARRANTY

7.1. Please ensure that You keep this Lifetime Warranty Statement in a safe place along with your proof of purchase of the Product.

7.2. To ensure ABSCO has a record of your warranty, You can register Your warranty online at http://abscosheds.com.au/warranty-details/.