

Skillion roof to suit 1.5 x 2.3 or 1.5 x 3.0 sheds

This module will enable you to construct a skillion roof that suits either a 1.5 x 2.3 or a 1.5 x 3.0 garden shed.

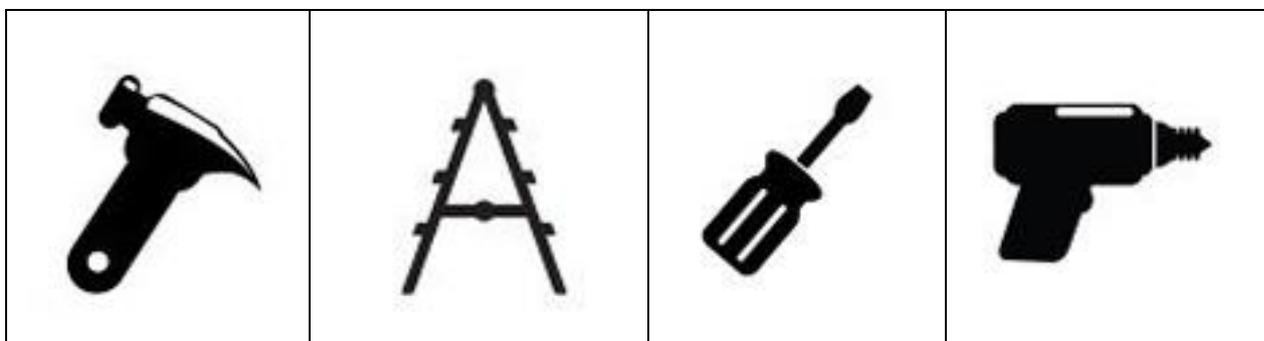
It also includes instructions and tips on getting ready for the build and site preparation. Take some time to read through these instructions before you commence your project. You will save time and frustration and make building your new shed an enjoyable experience.

Using the instruction manuals

Just like our sheds, our manuals are designed in modules to make assembly quicker and easier. Your shed will have come in 5 or 6 boxes that are easy to handle. Each carton contains one shed module together with instructions on how to assemble that module. You begin by assembling your wall modules, then your roof modules and finally you put those modules together to erect your shed.

The key to a hassle free shed assembly is to take your time and have your work area and shed base well prepared prior to starting the build. This is the first manual to read and it will also be the last. The roof module instructions contain details on site preparation, your first job, and module assembly and anchoring your shed to the base, your last job.

Tools you will need.



Plan ahead

Be sure the day you select to install your shed is dry and calm.

Do not attempt to assemble your shed on a windy day.

Be careful on wet or muddy ground.

Whenever possible, two or more people should work together to assemble your shed.

One person can position parts or panels while the other is able to handle the fasteners and the tools.

Safety first

Care must be taken when handling various pieces of your shed since some contain sharp edges. Please wear work gloves, eye protection and long sleeves when assembling or performing any maintenance on your shed. Keep children and pets away from worksite to avoid distractions and any accidents which may occur. Never concentrate your total weight on the roof of the shed. When using a step ladder make sure that it is fully open and on even ground before climbing on it. Do not attempt to assemble the shed if parts are missing because any shed left partially assembled may be seriously damaged by light winds.

Do not attempt to assemble the shed on a windy day, because the large panels can act as "sails", and be whipped about by the wind making construction difficult and unsafe.

Prepare your site

Before assembly, you will want to decide on a location for your shed. Before you begin the first steps in assembling your shed, a foundation should be constructed to be ready to use.

The best location is a level area with good drainage.

Allow enough working space for ease of moving parts into position during assembly.

Be sure there will be enough space at the entrance for all doors to open fully and enough space around the building to be able to fasten the panel screws from the outside.

If you are placing your shed close to the house or other buildings, make sure that you have taken into account any roof overhang.

Selecting your foundation material

If you decide to build your own foundation, be sure to select the appropriate materials.

There are three basic options for your foundation, either a wood floor a concrete slab or you can securely peg your shed down using heavy duty pegs.

Concrete Slabs

The most common shed foundation is a concrete slab. Here are the recommended slab sizes for these sheds.

Shed Size (mt)	Slab Size (mm)	Amount (mt ³)*
1.5 x 2.3	1610 x 2350 x 100	0.42
1.5 x 3.0	1610 x 3095 x 100	0.55

These sizes give you a 50mm edge around your shed. We suggest that when you are building your slab, bevel this edge away from your shed so that water does not pool at the base.

You do not need to use reinforcing steel in garden shed slabs and the concrete grade needs to be N25.

* Amount includes a 10% allowance for wastage.

Onward!

Once you have prepared your site you can move onto assembling the wall modules. You will find individual instructions on how to assemble each of your wall modules, packed in each carton.

We recommend that you use saw horses or something similar to act as a work table. Your back will thank you at the end of the build.

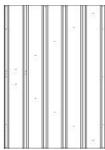
This manual uses wall part numbers for illustration purposes, you may have a different combination of walls, don't worry the assembly process is the same.

Now put his manual in a safe place because you will have to come back to this set of instructions when you are ready to start to assemble your roof and do the final construction phase.

Check the contents

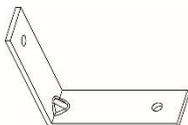
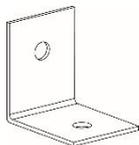
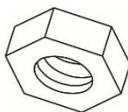
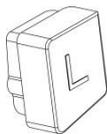
Before you start to construct this wall you will need to check off all of the contents.

Parts checklist for a skillion roof to suit 1.5 x 2.3 and 1.5 x 3.0 sheds.

Picture	Description	Component	Location	Part No.	QTY	Check
	Sheet	Sheet 1617x770	roof	SS09	4	
	Gable	Gable 1490	roof	SG08	1	
	Gable	Gable 1490	roof	SG09	1	
	Gable	Gable 1108	roof	SG12	1	
	Gable	Gable 1108	roof	SG13	1	
	Gable	Gable 740	roof	SG14	1	
	Channel	Channel 1124	roof	26A	2	
	Channel	Channel 1124	roof	26B	2	
	Channel	Channel 740	roof	SC40	2	
	Lip	lip 1619	roof	SL02	2	

Picture	Description	Component	Location	Part No.	QTY	Check
	Roof brace	Roof brace zinc	roof	SB02	1	
	Channel connector	Channel connector 188mm	roof	66	4	

Fittings Pack

Picture	Component	QTY	Picture	Component	QTY
	Self tapping screws(10mm)	135		Self tapping screws(16mm)	12
	Mid wall brace brackets	4		Base bracket	10
	5/16"x19mm Hexagonal bolt	10		5/16" Hexagonal nut	10
	Sleeve anchor bolt	10		Self tapper safety cover	40
	Channel safety cover (L type)	1		Channel safety cover (R type)	1

If you are missing anything call The Garden Shed Hotline 1300 781 230

Start the Build

Here is what you are building.

For a 1.5 x 2.3 metre shed your roof will look like diagram 1.

You will be using 3 x SS09 sheets.

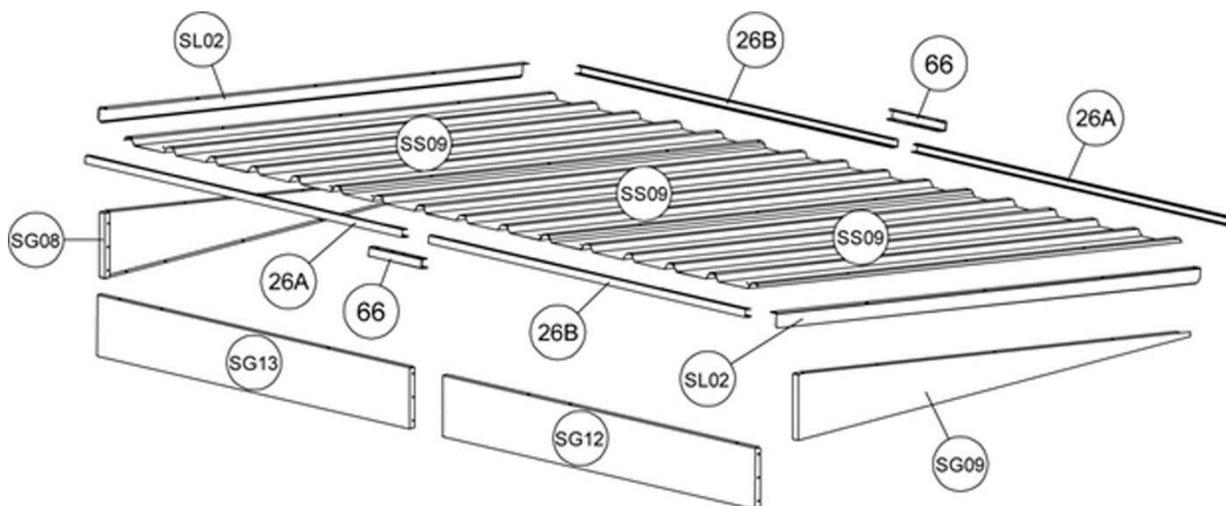


Diagram 1

For a 1.5 x 3.0 metre shed your roof will look like diagram 1A.

You will be using 4 x SS09 sheets.

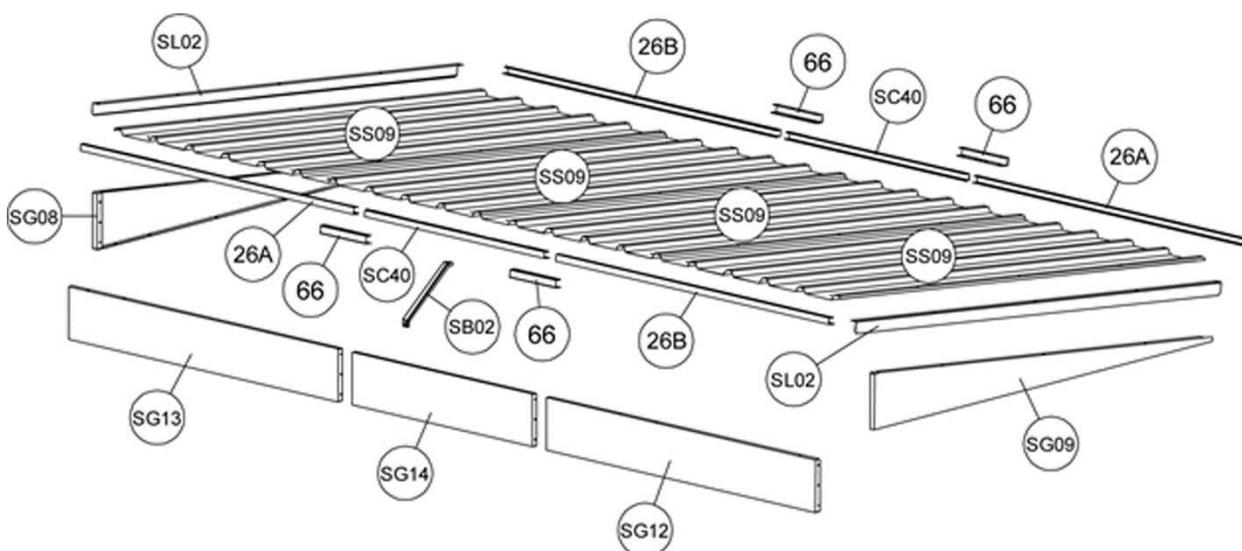


Diagram 1A

Building a skillion roof & erecting a 1.5 x 2.3 shed

Here is what you are building. It is a 1.5 x 2.3 x 1900mm high skillion roof garden shed. The roof slopes either toward or away from the front door.

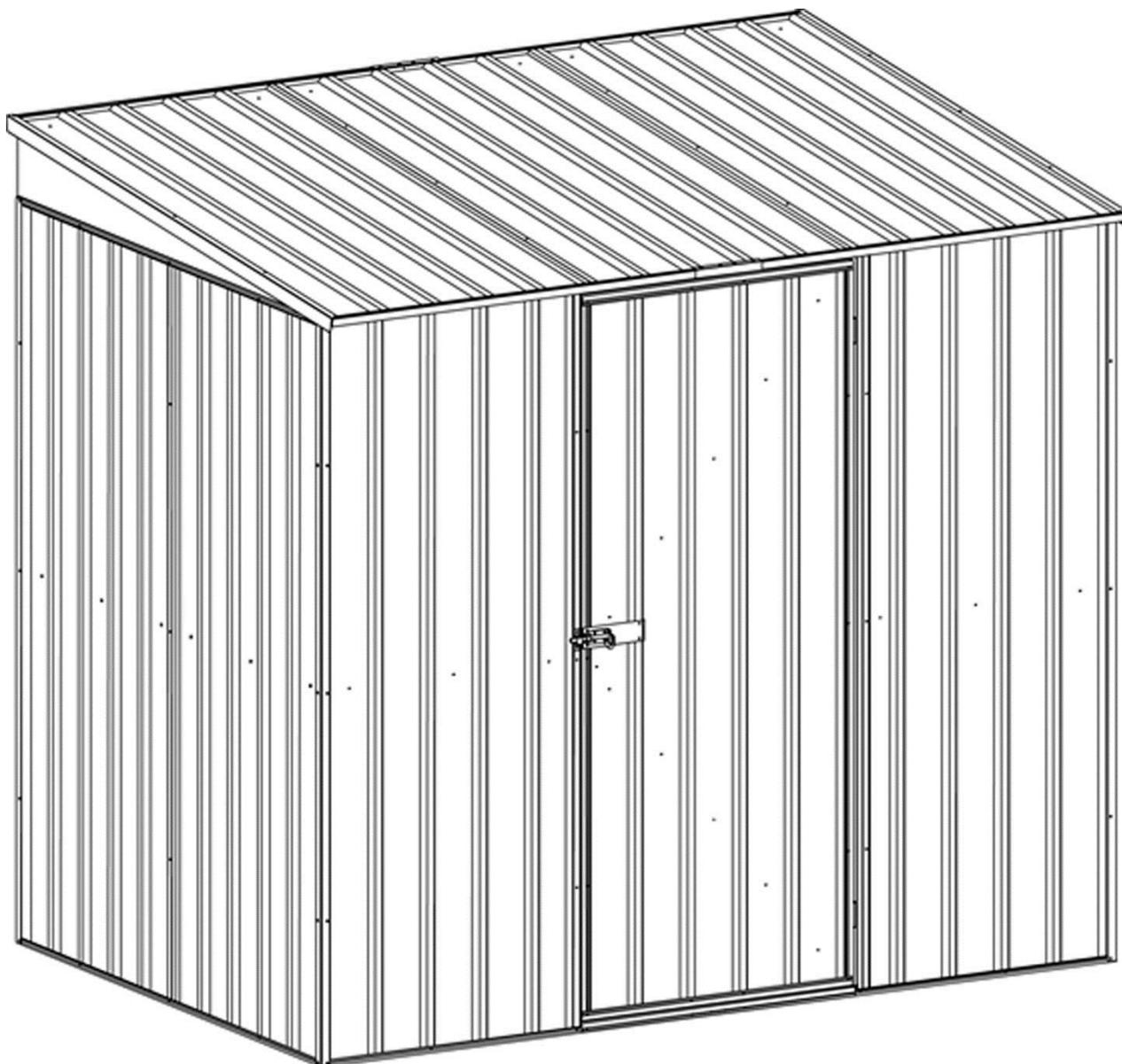


Diagram 2

Or you may be building a 1.5 x 2.3 shed with no door in the 2.3mt side but a door in the 1.5 mt side. In this case the roof will slope from left to right or visa versa.

If you are building a 1.5 x 3.0 shed jump to page 15.

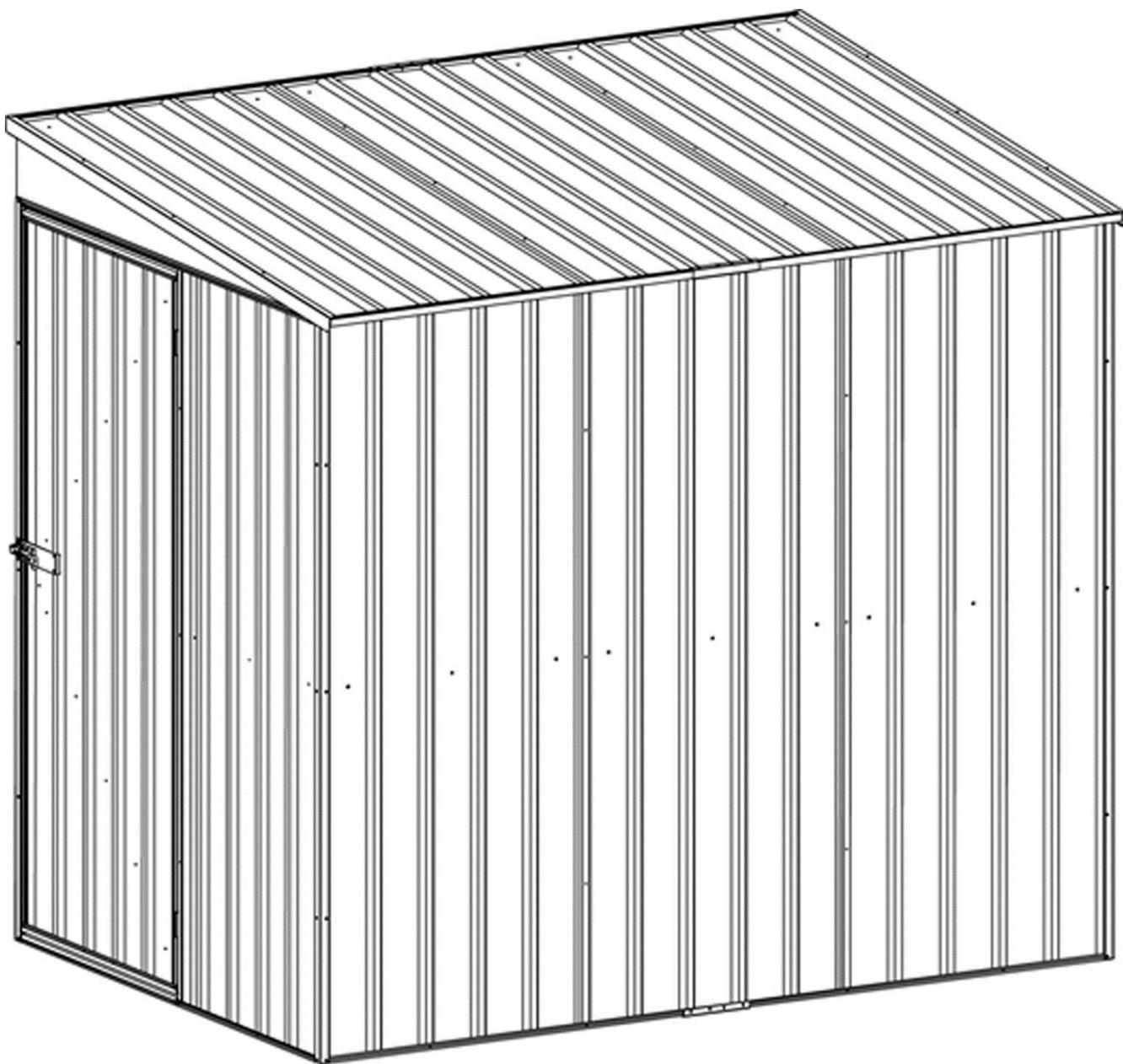


Diagram 2A

- 1 Place sheet 3xSS09 sheets on your work table.
- 2 Using a soft face hammer tap the 26A and 26B channels in to position as per the diagram. Ensure you attach the channels to the ends of the sheets that have the pre-punched holes. Use the 10mm self tapping screws to fix the channels to the sheet.

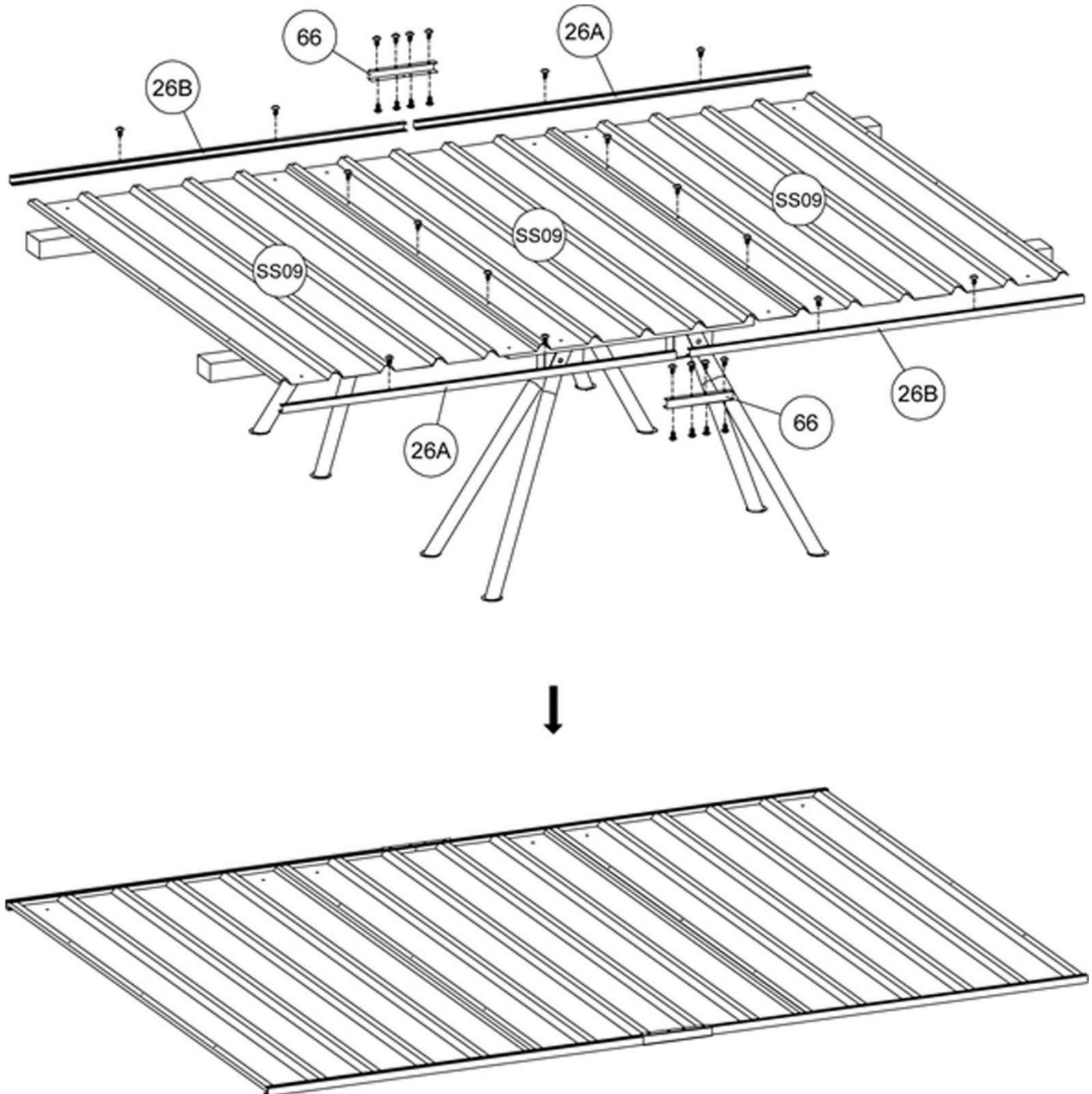
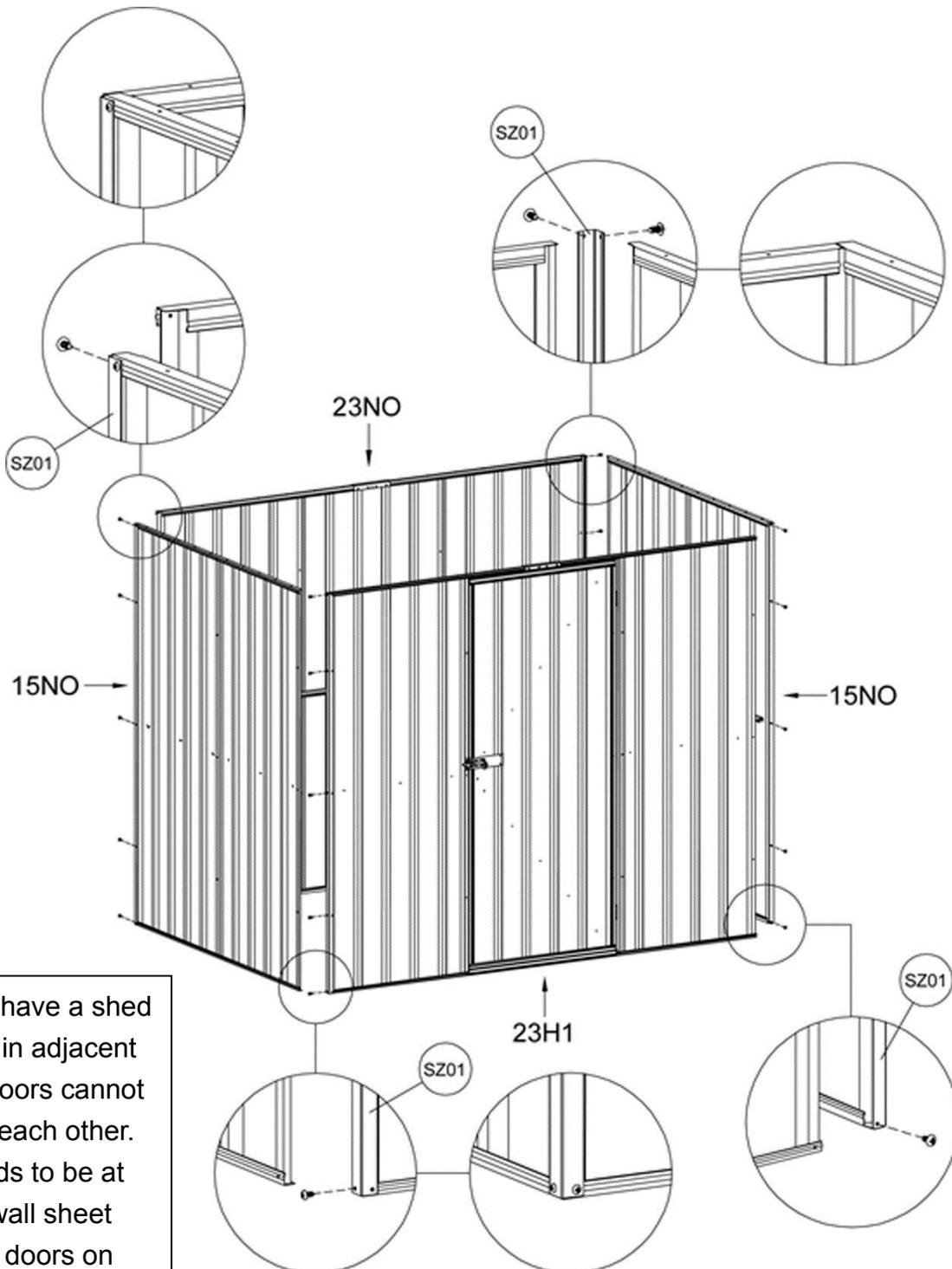


Diagram 3

- 3 You will now need the walls that you assembled earlier. Having an extra pair of hands at this point will make the job much easier, time to call in a friend or neighbor.
- 4 For an end door shed fix the walls together using the corner angles SZ01 and SZ02 (or SZ03) which you fixed on to the left hand side of each wall. See diagram 4A.



When you have a shed with doors in adjacent walls the doors cannot be next to each other. There needs to be at least one wall sheet separating doors on adjacent walls.

Diagram 4

5 If you have a shed with a hinged end door assemble the walls as illustrated in diagram 4A using SZ01 and SZ02. If your end door is a sliding door you will use joiner jamb SZ03 rather than SZ02 as pictured here.

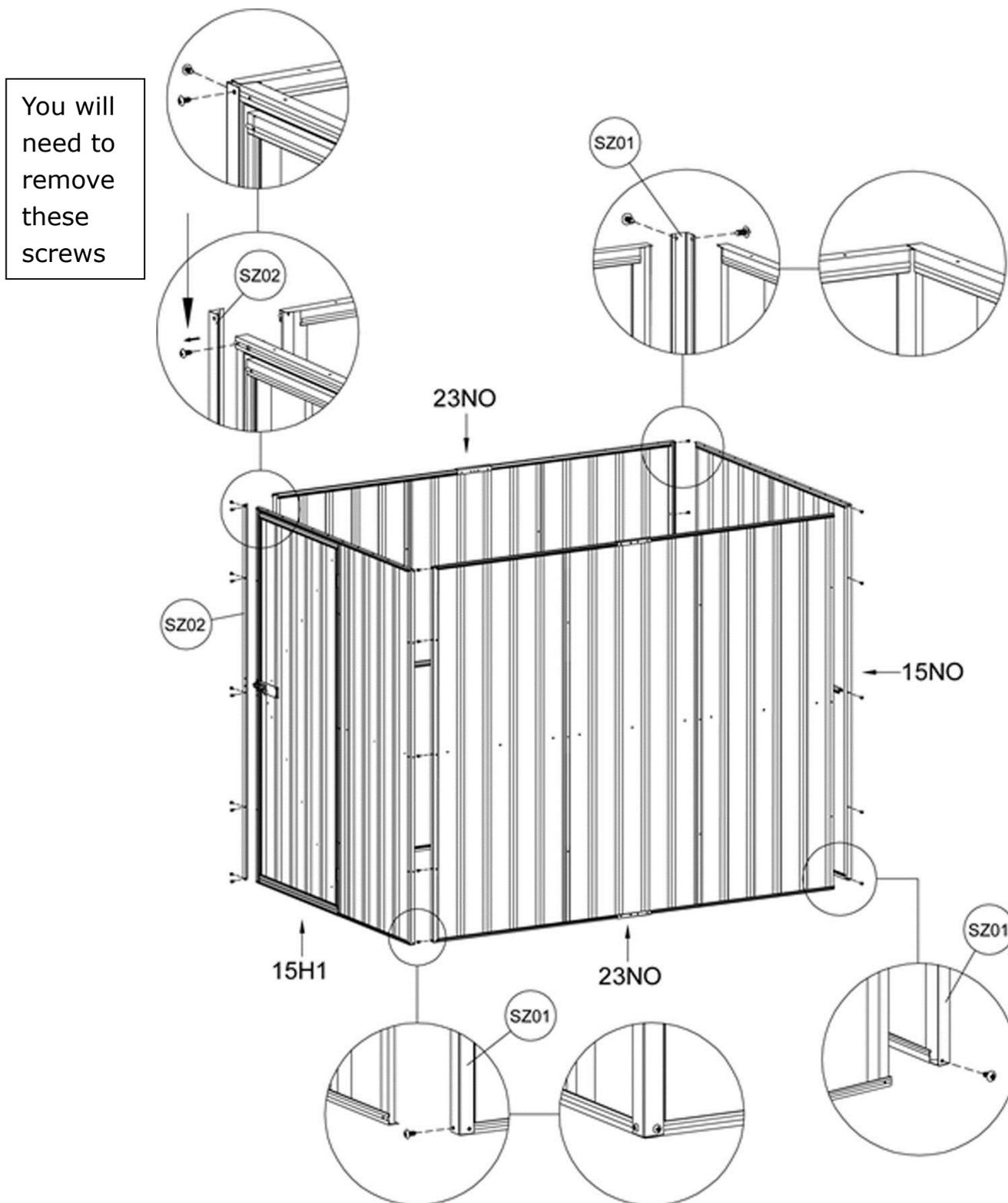


Diagram 4A

5 Attach the skillion ends SG08, SG09 and infills SG12 and SG13 accordingly. You can now choose which way the skillion slopes.

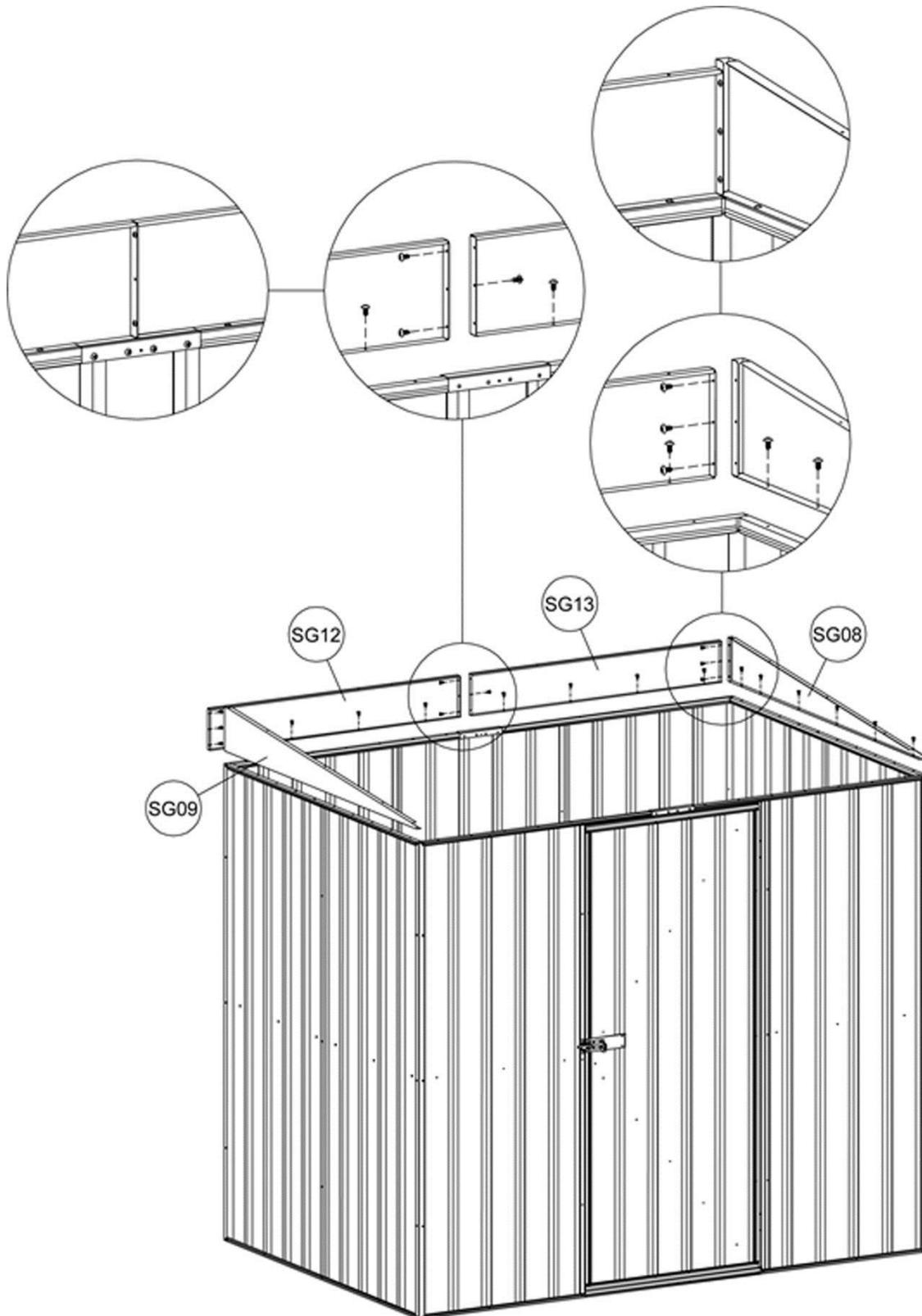


Diagram 5

- 6 Put your previously assembled roof panel into position on the skillion ends and attach using the lips SL02 with 16mm self tapping screws.
- 7 Use the mid wall brackets 72 to join the mid wall channels of your shed. This gives extra strength.
- 8 Bolt your shed down using the bolt down brackets and bolts provided.

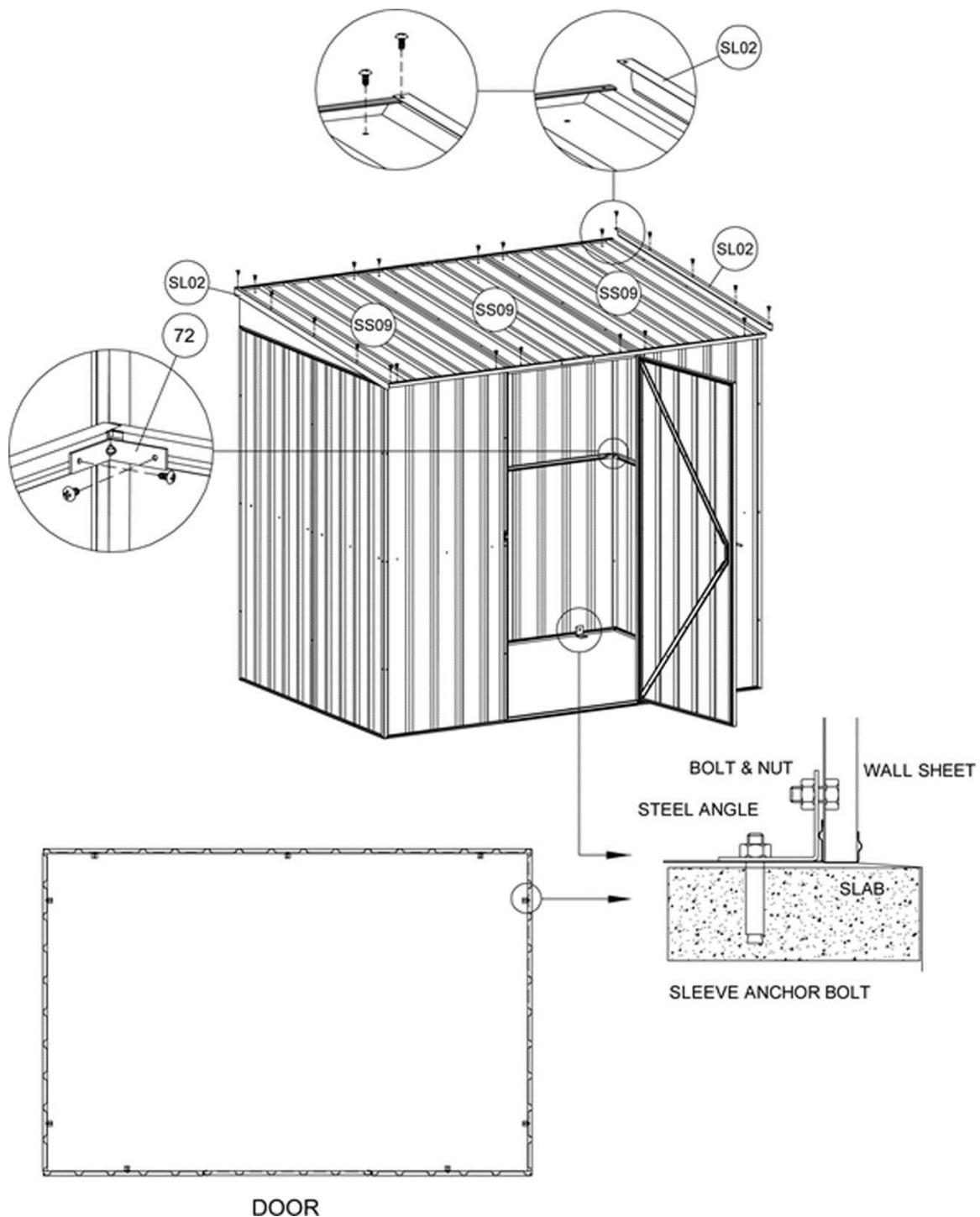


Diagram 6

9 Use the end channel covers and screw covers to make your shed safe. Cover any exposed screws or ends.

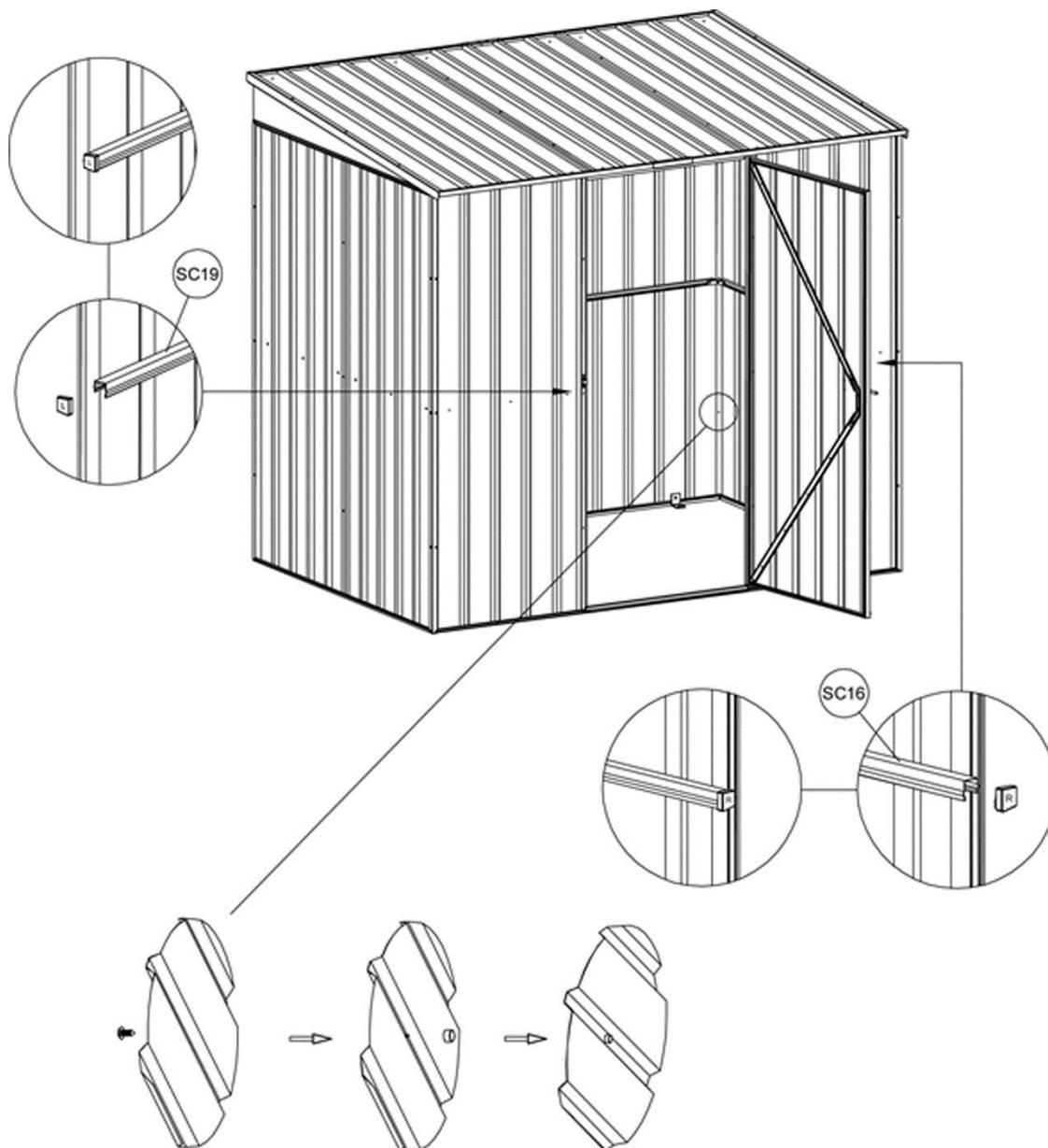


Diagram 7

What's next?

You may have some screws and depending on your shed size some sheets and components left over. Don't worry you haven't forgotten anything; we give you more than you need.

You can now skip to page 22 for tips on keeping your new garden shed in tip top condition for years to come as well as details about your 30 year warranty.

Building a skillion roof & erecting a 1.5 x 3.0 shed

Here is what you are building. It is a 1.5 x 3.0 wide x 1900mm high skillion roof garden shed. Your shed might have side doors as well. These instructions cover all variations.

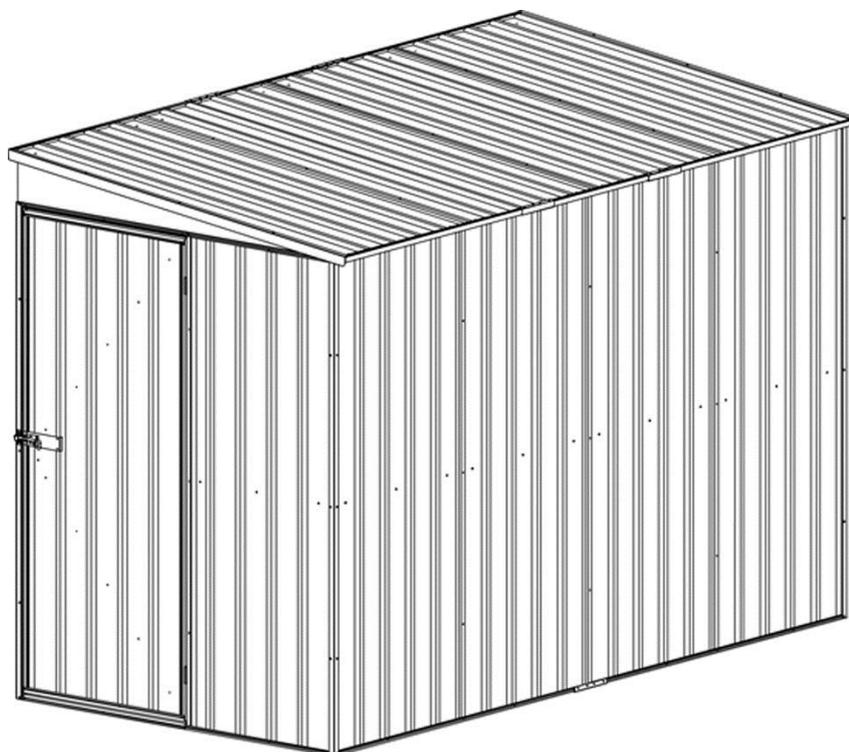
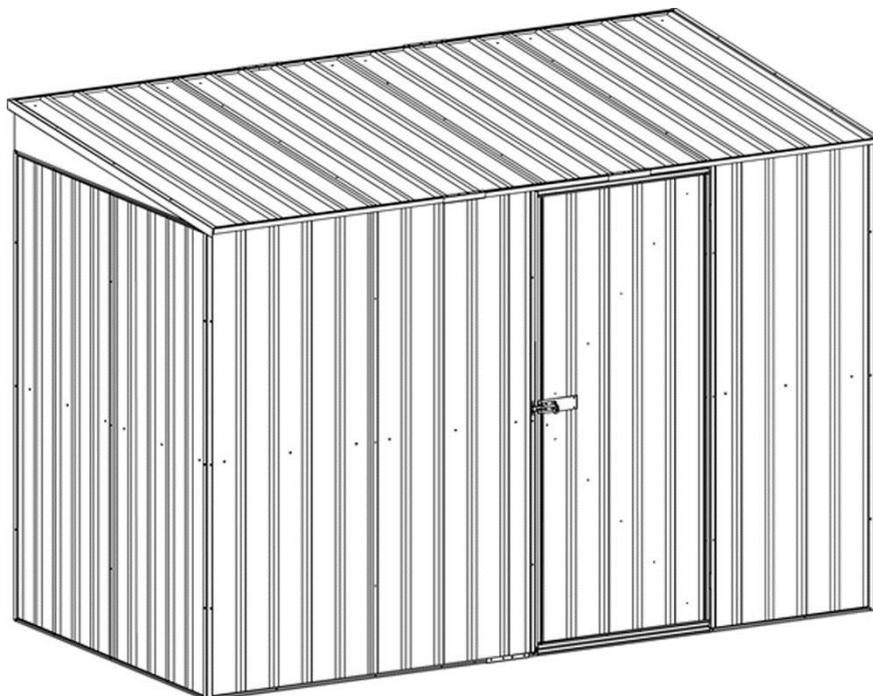


Diagram 8

- 1 Place 4 x SS09 sheets on your work table.
- 2 Using a soft face hammer tap the 26A, 26B and SC40 channels in to position as per the diagram. Ensure you attach the channels to the ends of the sheets that have the pre-punched holes. Use the 10mm self tapping screws and channels joiner 66 to fix the channels to the sheets.

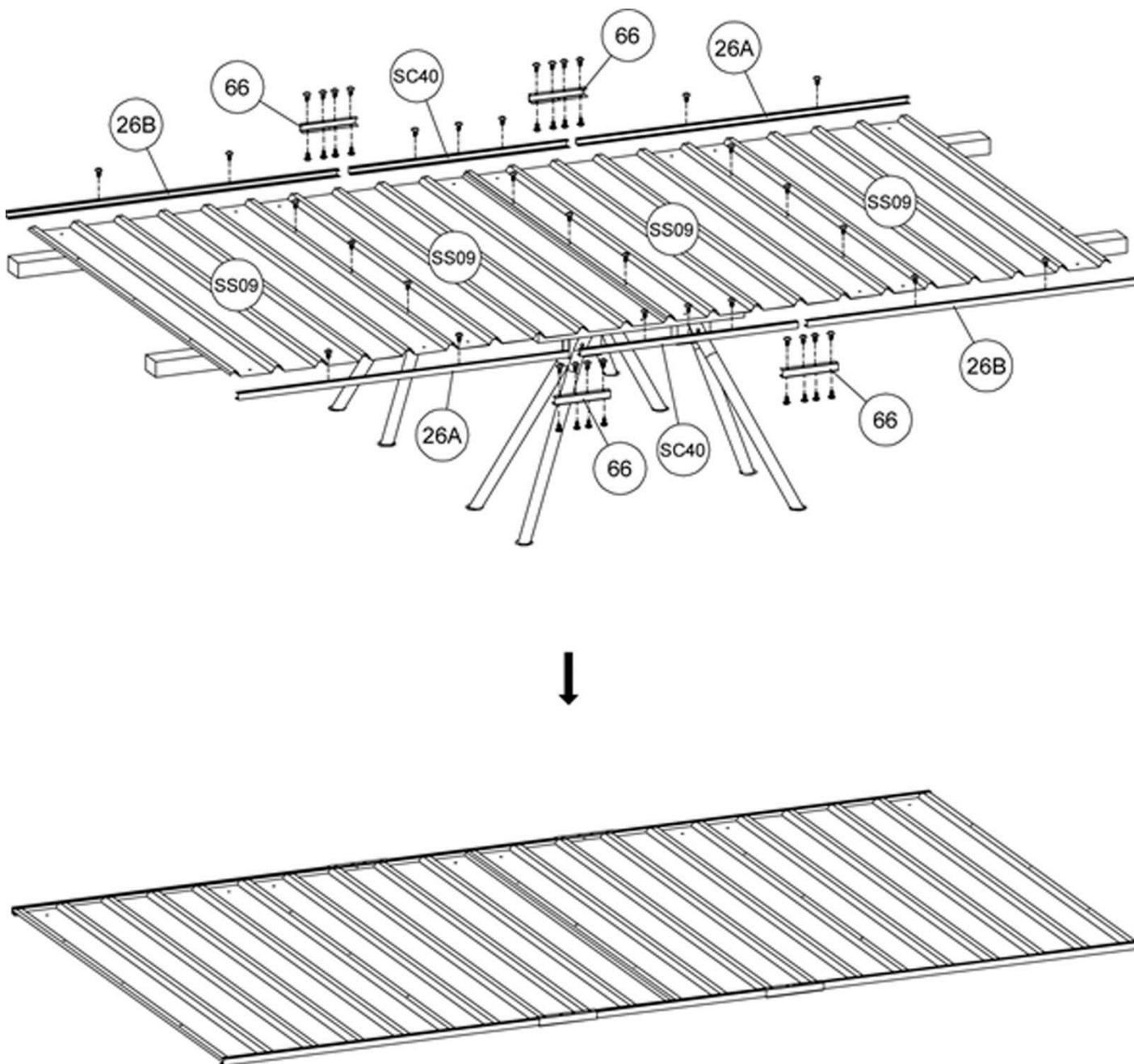
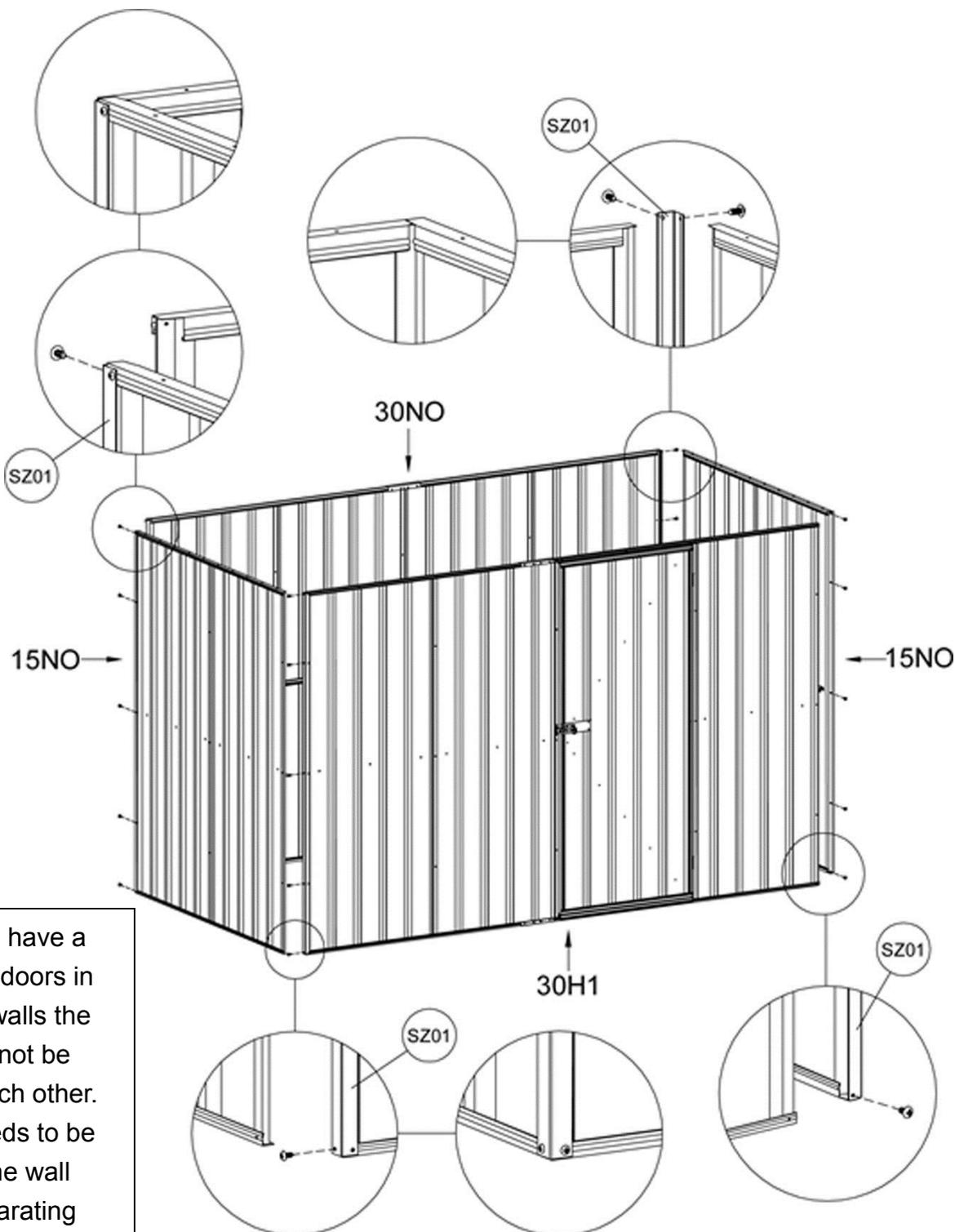


Diagram 9

- 3 You will now need the walls that you assembled earlier. Having an extra pair of hands at this point will make the job much easier, time to call in a friend or neighbor.
- 4 In a hinged door shed fix the walls together using the corner angles SZ01.



When you have a shed with doors in adjacent walls the doors cannot be next to each other. There needs to be at least one wall sheet separating doors on adjacent walls.

Diagram 10

5 If you are assembling a shed with a hinged end door, follow the process illustrated in diagram 10A. You will use SZ01 and SZ02 angles. If your end door is a sliding door you will use joiner jamb SZ03 rather than SZ02. You may have additional doors in the side walls, do not worry the process is the same.

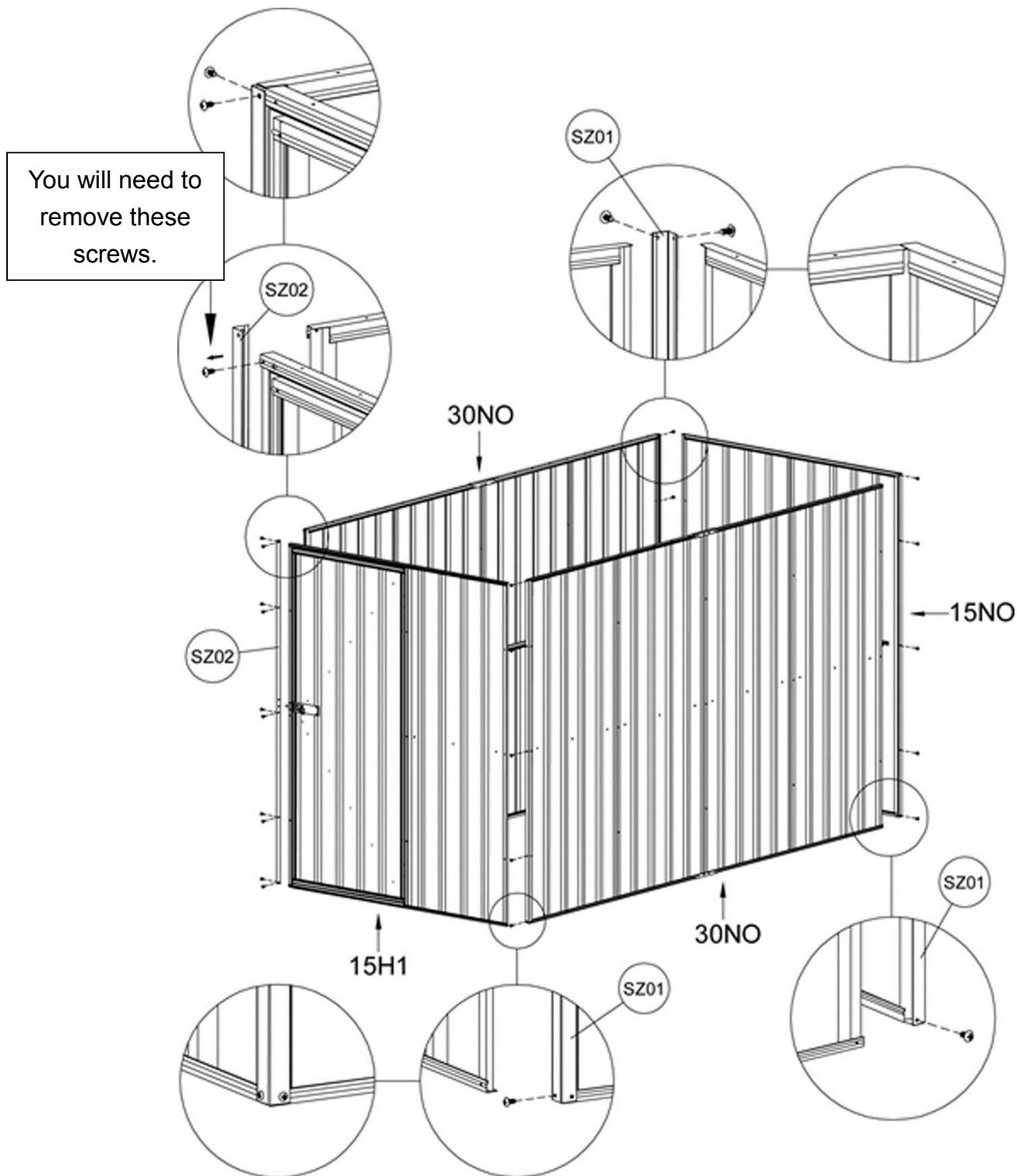


Diagram 10A

6 You can decide now if you want your roof to run, front to back or back to front. Attach the skillion ends SG08, SG09 and infills SG12, SG13 and SG14 accordingly.

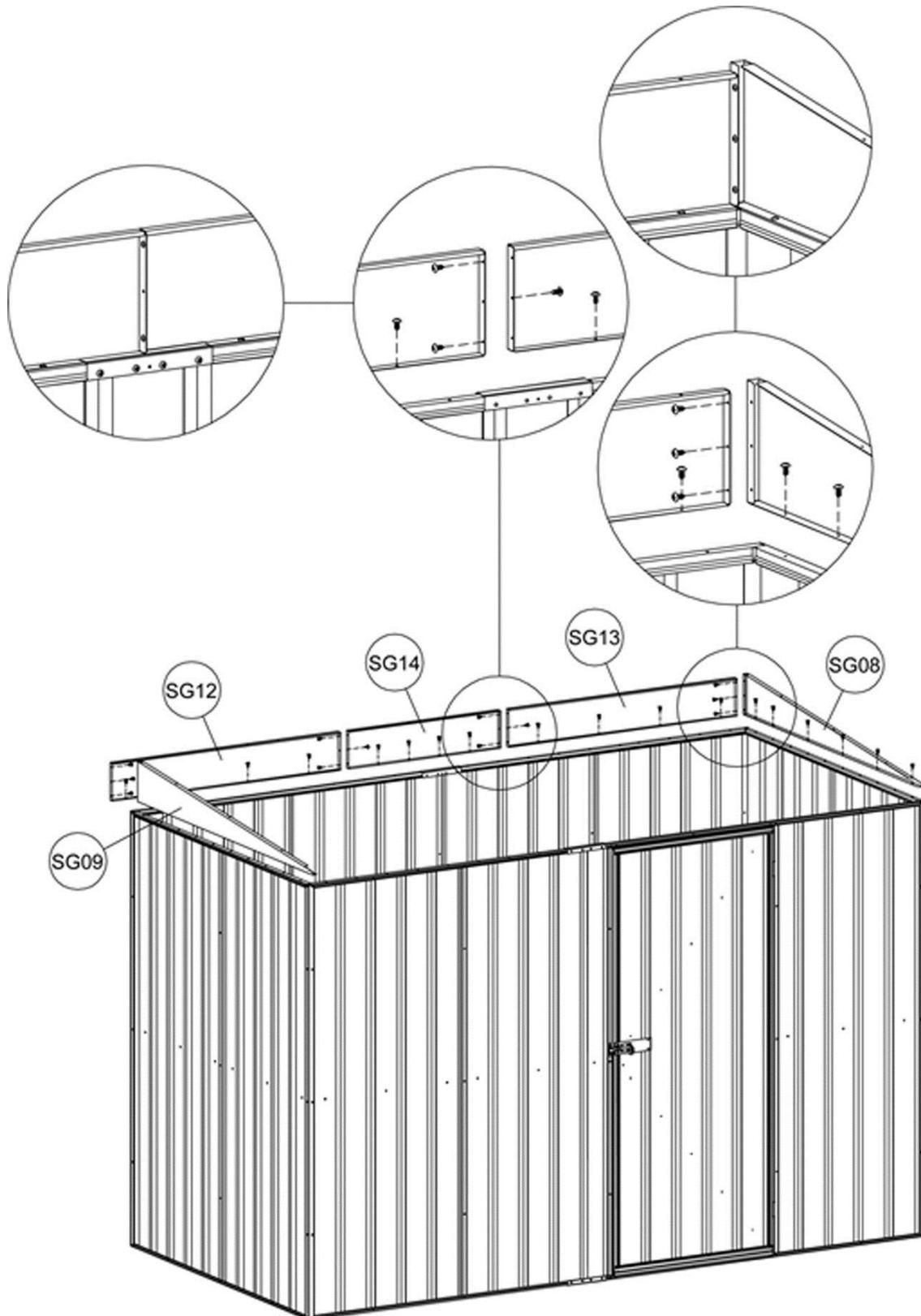


Diagram 11

7 Put your previously assembled roof panel into position on the skillion ends and attach using the lips SL02 with 16mm self-tapping screws.

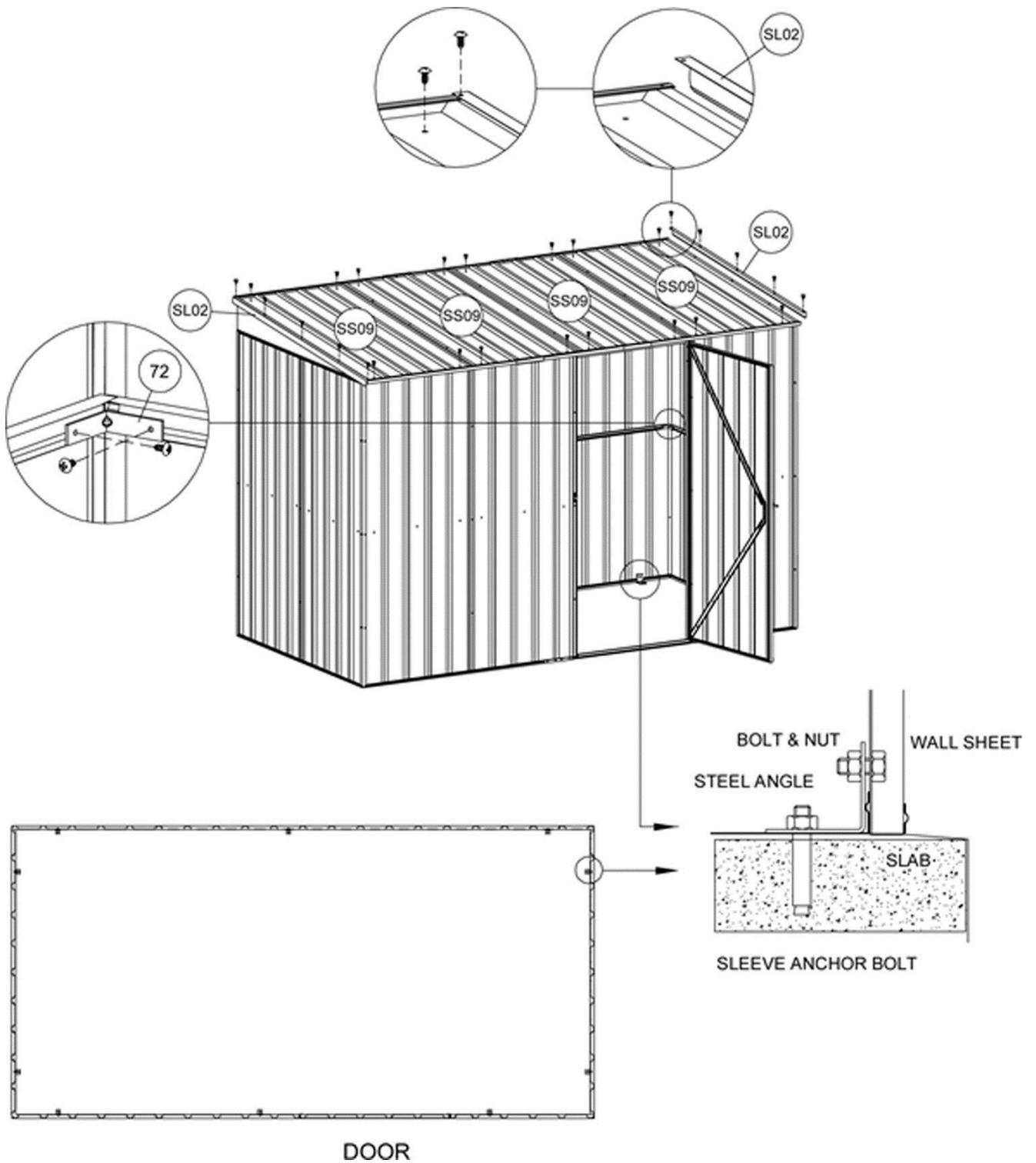


Diagram 12

- 8 Use the mid wall brackets 72 to join the mid wall channels of your shed. This gives extra strength.
- 9 Bolt your shed down using the bolt down brackets and bolts provided.
- 10 You now need to install the roof strengthening bracket SB02. You will need a drill and a 3mm drill bit for this part of the assembly. From the inside of the shed attach SB02 to the top channel of the rear 3.0mt wall. The bottom of the bracket will screw to the mid hole in the 66 joiner, no drilling required. The top of the SB02 will be screwed to your roof panel. Position SB02 so that the required hole goes through the top of a corrugation looking down on the roof from the outside. This will prevent the hole from leaking during rain. From the inside of the shed drill the required hole using the SB02 bracket as a guide. You can now insert the screw from the outside while a friend holds the SB02 stable from the inside. Tighten the screw and use one of the screw covers for safety.

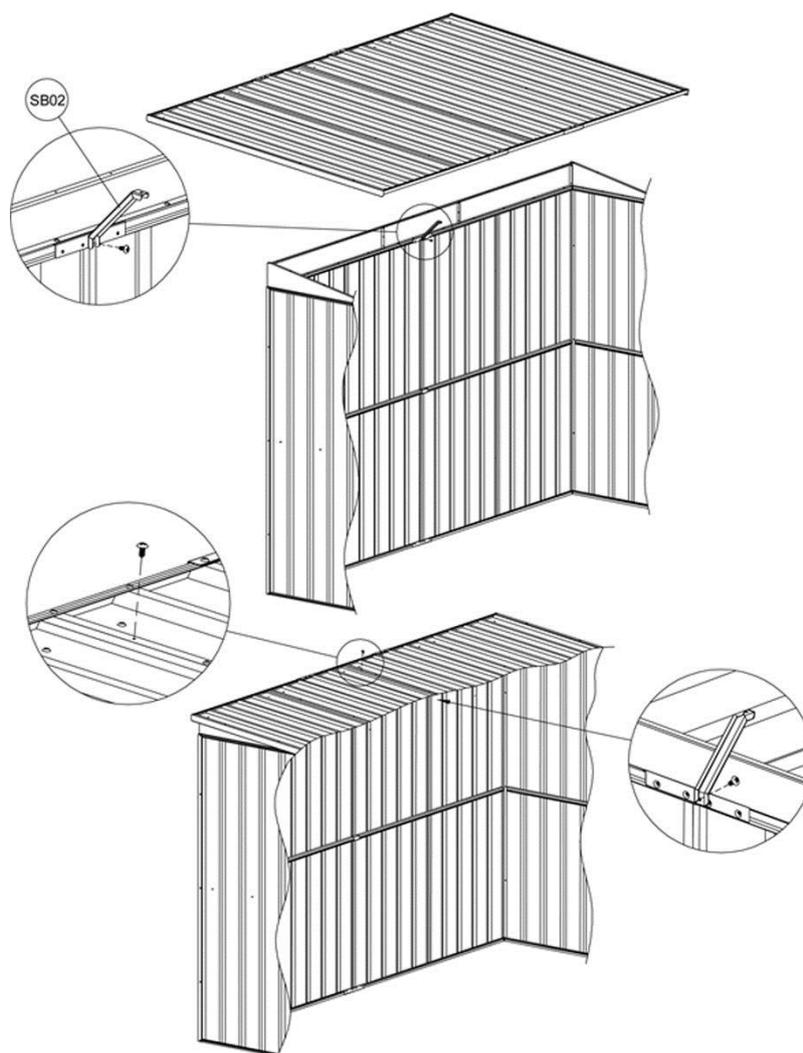


Diagram 13

10 Use the end channel covers and screw covers to make your shed safe. Cover any exposed screws or ends.

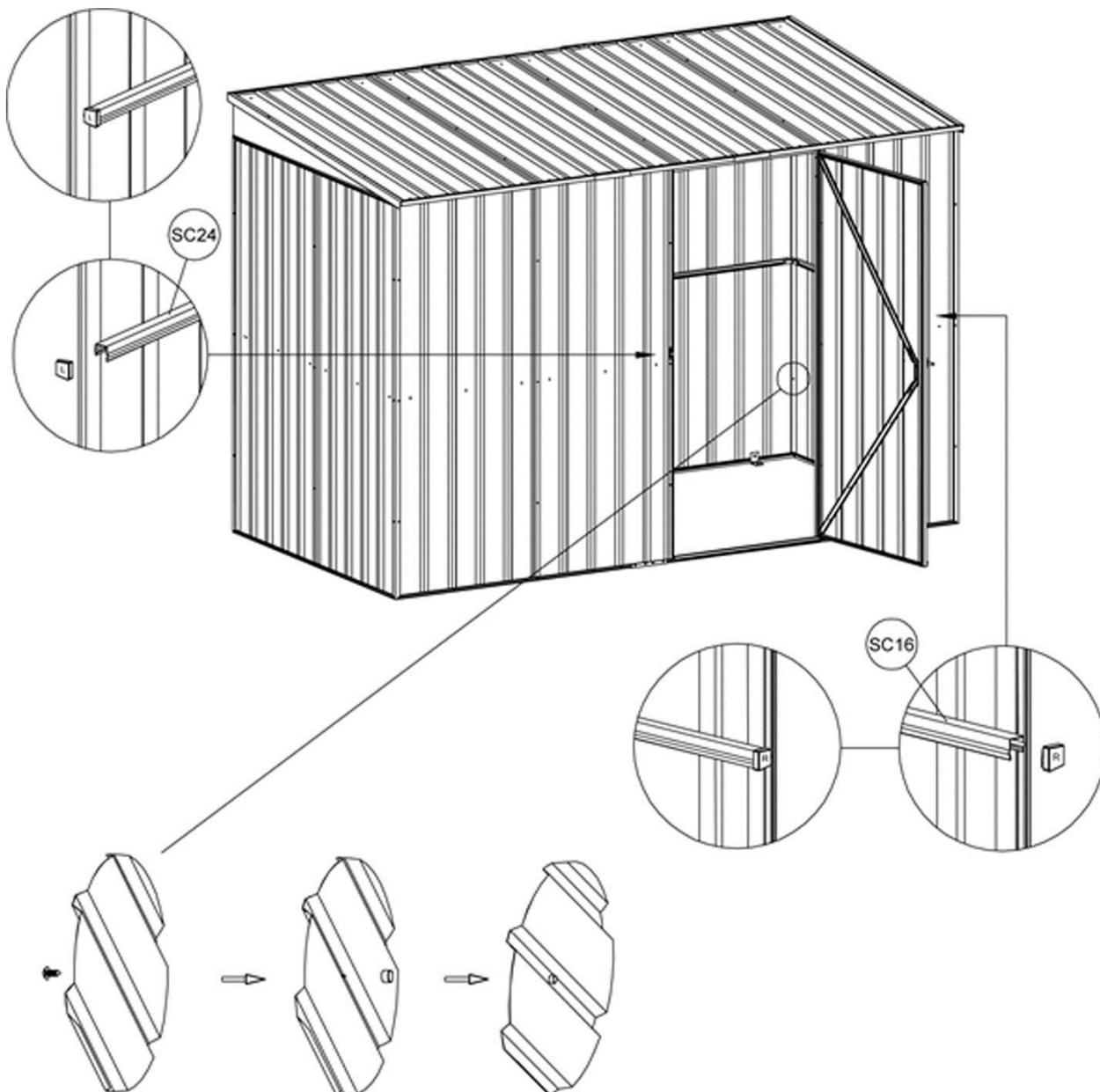


Diagram 14

What's next?

You may have some screws and depending on your shed size some sheets and components left over. Don't worry you haven't forgotten anything; we give you more than you need.

You can now skip to page 22 for tips on keeping your new garden shed in tip top condition for years to come as well as details about your 30 year warranty.

Maintenance

Finish

For long lasting finish, periodically clean and wax the exterior surface. Car polish is ideal. Touch-up scratches as soon as you notice them on your shed. Immediately clean the area with a wire brush; wash it and apply touch-up paint per manufacturer's recommendation.

Weatherproofing

All sheds are weatherproof to a certain extent. Driving rain may cause some leakage at the ridgeline. Condensation may also occur in extreme hot, cold or humid conditions. We recommend that you use a waterproof sealant like silicone around the base and the ridgeline to minimize the risk of water entering.

Roof

Keep the roof clear of leaves and obstructions with a long handled, soft-bristled broom. If you live in an area subject to snow you need to be vigilant. Heavy amounts of snow on the roof can damage your shed making it unsafe to enter.

Doors

Always keep the door tracks clear of dirt and other debris that prevents them from sliding easily. Lubricate door tracks annually with furniture polish or silicone spray. Keep doors closed and locked to prevent wind damage and keeps your stuff safe.

Fasteners

Regularly check your shed for loose screws, bolts, nuts, etc. and retighten them as necessary.

Caution

Do not store swimming pool chemicals in your shed. They can cause corrosion. Combustibles and corrosives must be stored in air tight approved containers and placed out of the reach of children.

Warranty

These goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. This warranty is made by Build-a-shed Systems Australia 46 Shuttleworth Court Bonogin Queensland. This product is warranted to be free from defects in material and workmanship for the period of 30 years or otherwise agreed to in writing. This warranty is made to original users acquiring the product directly. This warranty shall not apply to any products which need to be repaired or replaced due to damage caused by negligence, abuse, accident, or shipping. It will also not apply when product has been modified altered, repaired or refurbished or because of natural variations in materials over which there is no control. These products are warranted to the original purchaser at the time of purchase and for a period of time thereafter as follows:

30 years on all parts subject to reasonable wear and tear

This warranty does not cover storm damage. "Defects", as used in this warranty, are defined as imperfections that impair the use of the product. This warranty covers manufacturing defects, but is null and void if the defects arise from abuse or misuse of the product.

Contact

If you have a question, regarding this shed, assembly or warranty please call:

The Garden Shed Hot Line

1300 781 230

This telephone operates 24/7. Please leave a detailed message and a return contact number. One of our team will be in contact with you at the earliest convenience to help. For warranty claims we may ask for you to provide photographs or arrange a site visit so we can ascertain the best way to help.