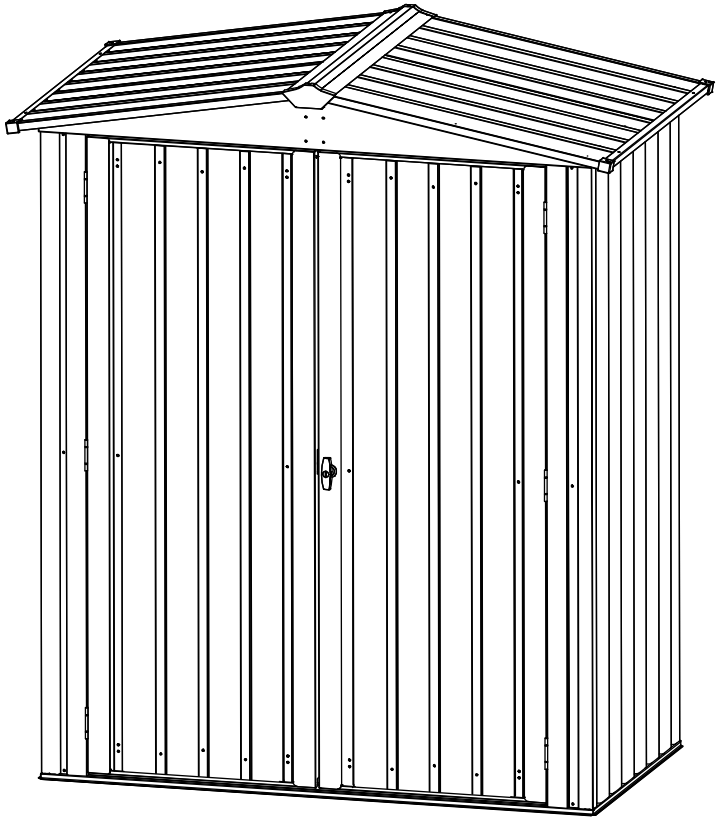
HANOVER®

Owner's Manual

Assembly Instructions



Garden Shed

9820007

If you have any problems with this product, DO NOT RETURN IT TO THE STORE.

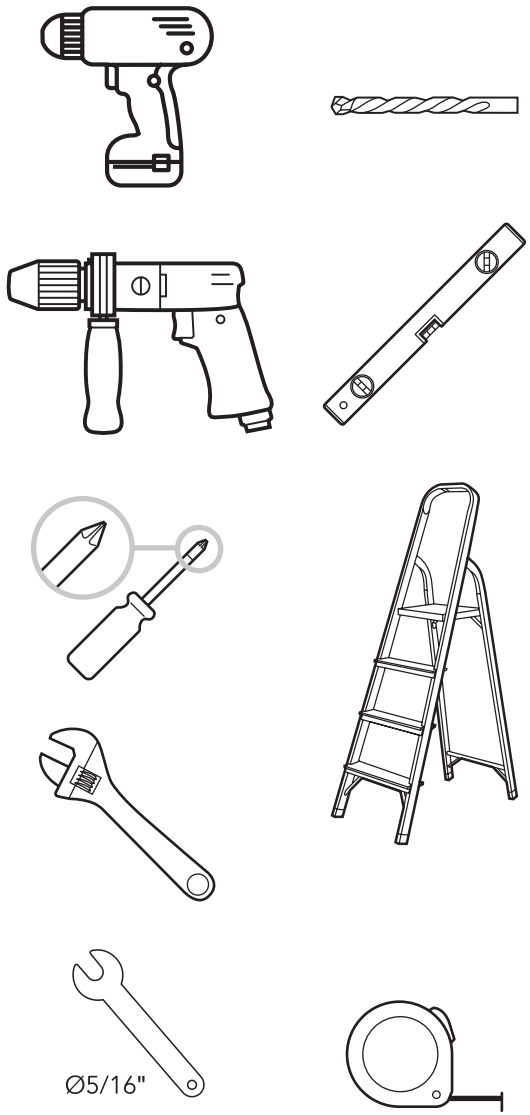
CALL OUR CUSTOMER SERVICE HOT-LINE AT 1-877-397-5144.
8AM-5PM (EST) Monday-Thursday, 8AM-4PM (EST) Friday

Overall Size: (D) 2.9 ft. (35 in.) (89 cm)
(W) 5 ft. (60.2 in.) (153 cm)
(H) 5.8 ft. (70.1 in.) (178 cm)

Requires two competent persons and at least 6 hours for assembly

TOOLS REQUIRED

(NOT INCLUDED)



GENERAL INFORMATION

Important safety information and helpful tips are highlighted as below.

⚠ DANGER

Indicates a hazardous situation which, if not avoided, will result in death or serious injury.

⚠ WARNING

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION

Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

CAUTION

Indicates a hazardous situation which, if not avoided, could result in property damage.

ⓘ Notice

Provides helpful tips and information.

SYMBOLS


Read this user/assembly manual


Wear eye protection


Wear protective clothing

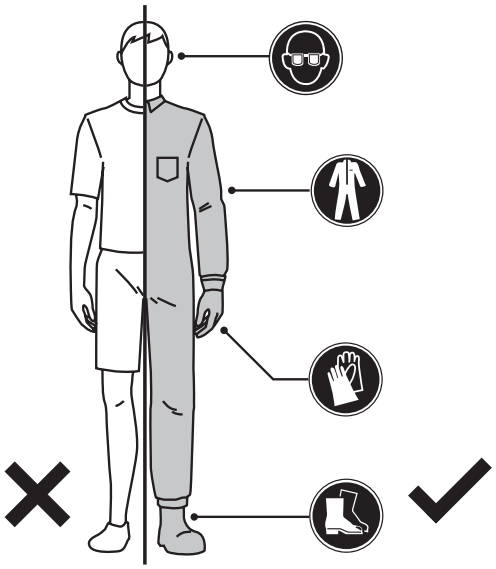

Wear heavy duty protective gloves


Wear safety footwear


CAUTION! Sharp elements! Risk of cuts.

PERSONAL PROTECTIVE EQUIPMENT

Wear suitable PPE (Personal Protective Equipment) during assembly to avoid potential injuries.



IMPORTANT SAFEGUARDS

Read these instructions carefully and retain them for future use. If this product is passed to a third party, then these instructions must be included.

When using the product, basic safety precautions should always be followed to reduce the risk of injury including the following:

⚠ WARNING - Risk of Injury!

- The product package contains small parts, sharp edges and sharp points. Keep children and pets away during assembly.
- Assemble on a dry and calm day. Do not attempt to assemble in strong wind or extreme weather.
- Take special precautions when working on heights, for example, while using a ladder. Use the right type of ladder and ensure it is structurally sound. Use the ladder in accordance with the manufacturer's instructions.
- Use the drill driver properly and in accordance with the manufacturer's instructions.
- The product must be firmly anchored to a suitable base foundation to protect against injuries and damages caused by high winds.

⚠ CAUTION - Risk of Injury!

Two competent persons are required for the assembly.

⚠ CAUTION - Risk of Injury!

Sharp edges! Handle with care. Wear work gloves, long-sleeve top and safety goggles when assembling the product.

- Observe and follow all the local building ordinances. Apply for permission from local authorities if necessary. Small sheds of less than 100-square feet usually do not require a permit. Always check with local authorities to ensure your shed is up to code.
- Do not let children climb on or play around the product.
- Always assemble the product on a firm, level ground.
- Do not use this product if any parts are missing, damaged, or worn.
- Do not over-tighten the fasteners.
- Store combustibles or corrosive substances only in sealed containers approved for such purpose.

BEFORE ASSEMBLY

⚠ DANGER - Risk of Suffocation!

Keep any packaging materials away from children and pets – these materials are a potential source of danger, e.g. suffocation.

- Remove all the packing materials.
- Remove and review all components before starting assembly.
- Place all the components on a cloth or plastic sheet to avoid damage.
- Organize all the components by the part numbers indicated on each component and review with the chapter "Parts List". Note that spare fasteners are included.
- Check all the components for transport damages.
- Prepare all the personal protective equipment (PPE) and all the tools required for assembly.

SELECTING LOCATION

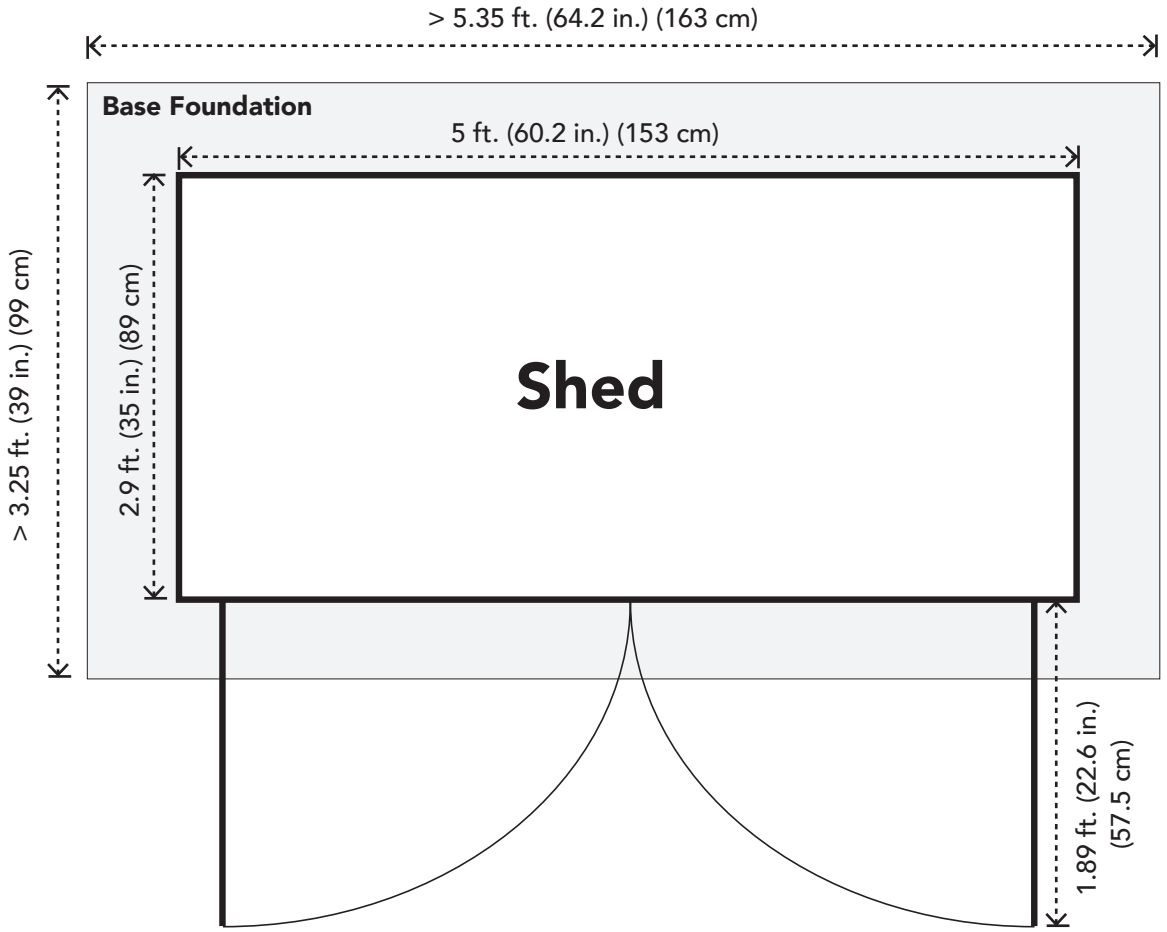
CAUTION

- The product must be anchored to a solid base foundation, such as concrete slab or treated timber.
- Do not assemble the product onto a soft ground directly, such as lawn, soil or gravel. For a suitable concrete or wooden base foundation, contact an authorized local building dealer.

Notice

- Select a location that allows sufficient working space around the product.
- Make sure the location is firm and level without roots or clumps of rocks.
- The base frame must lie flat on the ground. Use spirit level.
- Avoid locations with low hanging branches, as heavy branches could fall and damage the product.
- Avoid assembling the product in a low-lying area that collects water or at the bottom of a hill.
- Small trees, bushes or fences around the product can be helpful to act as a windbreak.
- If concrete slab is used, it is important that it slopes towards the edges to prevent water collection.
- Plan in advance. If concrete slab is used, allow sufficient time for the concrete to dry before assembly.
- Be careful not to dig into the ground where water pipes, gas lines, or electrical cables are lying.
- Avoid placing the product anywhere near a septic tank, if present in vicinity.

Refer to minimum space requirements below:



Notice

- The base foundation should be at least 4" (10 cm) thick.
- The base foundation should be at least 4" (10 cm) larger than the product dimensions.

ASSEMBLY INSTRUCTIONS

- Review all instructions before starting assembly.
- During assembly, carefully follow illustrated assembly steps and make sure you understand them fully. If in doubt, consult a professional builder.
- Plan in advance and book enough time for the assembly. Rushing often causes errors and could cause unnecessary injuries. If you have never assembled a shed before, take your time. Depending on your level of experience and the amount of help you have you might spend a bit more time on assembly.
- Set the torque on the drill driver to #3 or #4 to ensure the screws do not strip the metal reinforcements.

CLEANING AND MAINTENANCE

CLEANING

Notice

Never use corrosive detergents, wire brushes, abrasive scourers, metal or sharp utensils to clean the product.

- Use a garden hose or power washer to rinse the shed siding.
- Scrub away the remaining dirt using mild detergent and water with a cloth.
- Sweep out the shed interiors using a broom. A leaf blower can be used as well to blow away all the debris.
- To eliminate mildew, soak a cloth in white vinegar and scrub the mold and mildew away.
- To eliminate tree sap, pour some vinegar over the sap and let it soak thoroughly before scrubbing hard.

MAINTENANCE

- SHED: Regularly examine for wear and tear. Stop using at first sign of damage or if components become detached.
- ROOF: Keep clean of leaves and snow with long handled, soft bristled broom. Heavy snow or ice on the roof can damage the shed making it unsafe. Do not step on the roof. Do not use the roof as additional storage area. Check the roof regularly for any damages.
- WALLS: Do not rest any objects or lean against the wall panels.
- DOORS: Keep doors closed to prevent wind damage.
- DOOR HINGES: This is the weakest point on the shed so you should take extra care. The hinges can seize up after a while so you should keep them well lubricated.
- MOISTURE: With changing temperatures, condensation will accumulate inside the shed. Good ventilation will help in regulating and avoid moisture. Open the door frequently to allow for proper ventilation.
- FASTENERS: Regularly check that all the components and fasteners are tightened.

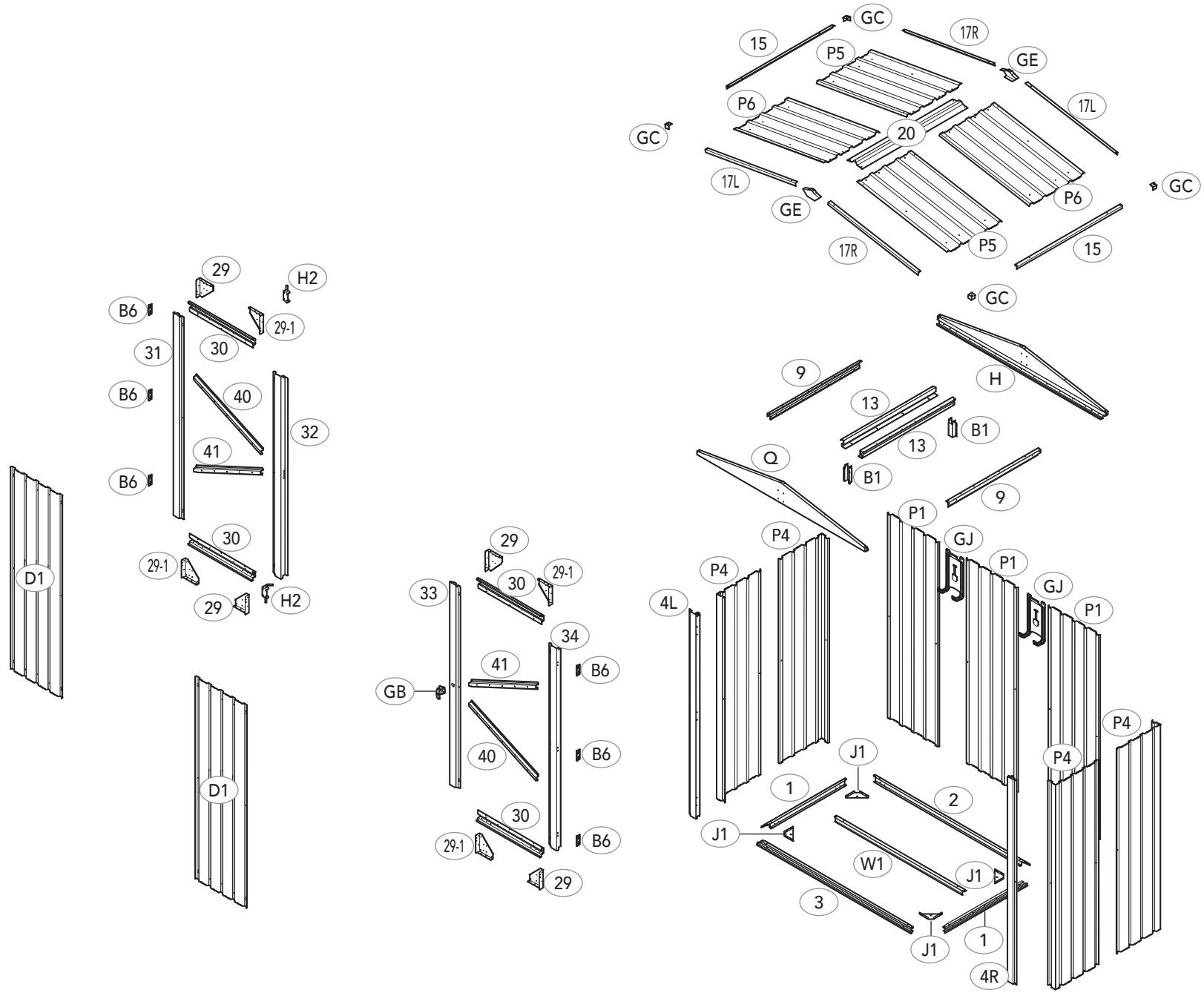
DISPOSAL

Dispose of the product according to local regulations. If in doubt, consult your local authorities.

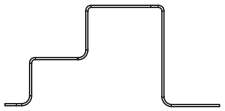
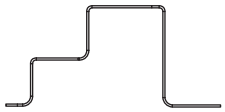
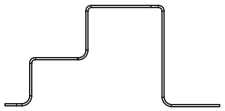
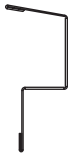
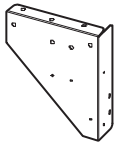
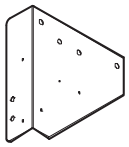
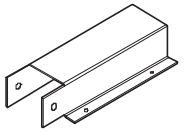
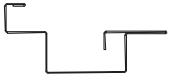
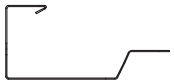
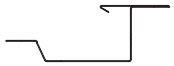
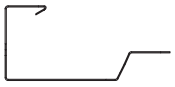
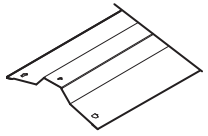
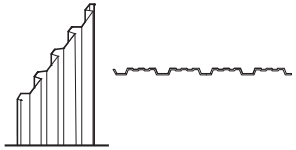
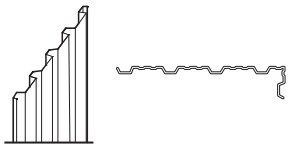
SPECIFICATIONS

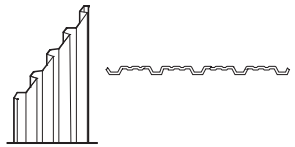
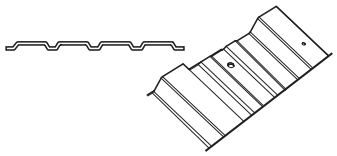
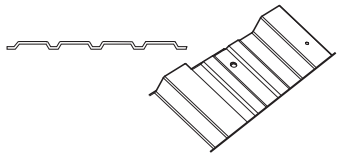
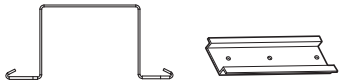
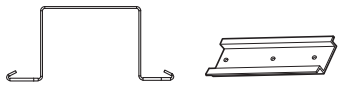
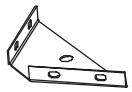
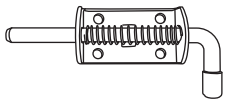
Net weight	approx. 99 lbs (45 kg)
Dimensions (D x W x H)	approx. 2.9 x 5 x 5.8 ft. (35 x 60.2 x 70.1 in.) (89 x 153 x 178 cm)
Storage area	9.5 ft^2 (0.88 m^2)

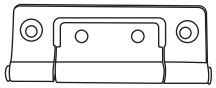
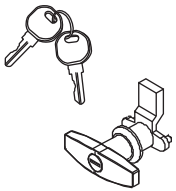
EXPLODED VIEW



PARTS LIST

No.	Part	Qty.
1	 29.6" (752 mm)	2
2	 54.9" (1394 mm)	1
3	 54.9" (1394 mm)	1
9	 30.15" (766 mm)	2
29		4
29-1		4
B1	 4.48" (114 mm)	2
13	 30.15" (766 mm)	2
4L	 63.99" (1600 mm)	1
4R	 63.99" (1600 mm)	1
30	 22.51" (572 mm)	4
31	 62.3" (1583 mm)	1
32	 62.3" (1583 mm)	1
33	 62.3" (1583 mm)	1
34	 62.3" (1583 mm)	1
20	 34.5" (876 mm)	1
15	 34.5" (876 mm)	2
17L	 29.92" (760 mm)	2
17R	 29.92" (760 mm)	2
Q		1
H		1
W1	 53.34" (1355 mm)	1
P1	 63.99" (1600 mm)	3
P4	 63.99" (1600 mm)	4

D1	 62.28" (1582 mm)	2
P5	 29.92" (760 mm)	2
P6	 29.92" (760 mm)	2
40	 25.07" (637 mm)	2
41	 25.07" (637 mm)	2
J1		4
H2		2

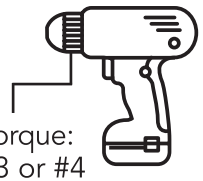
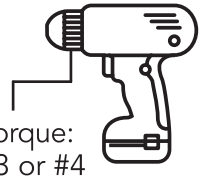
B6		6
GB		1
GC		4
GE		2
S2		90
S3		144
F1		260
F2	 4 mm x 10 mm	20
F3	 4 mm x 12 mm	28
GJ		2

Notice

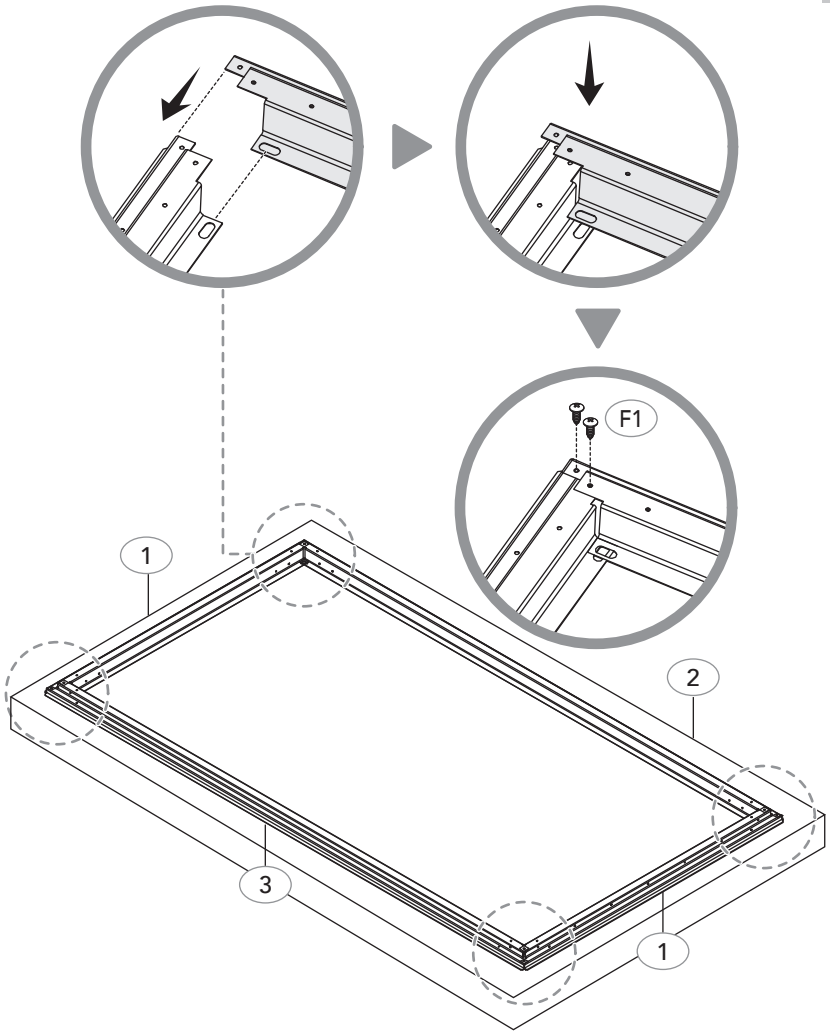
Spare parts **S2**, **S3** and **F1** are included.

Notice

- Both drill driver and screwdriver are suitable for assembly. Use of a drill driver is recommended.
- Set the torque on a drill driver to #3 or #4 to ensure the screws do not strip the metal reinforcements.
- Use drill driver and 5/16" wrench for fastening bolts F2 and F3.

 Torque: #3 or #4	F1	
 Torque: #3 or #4	F2	 4 mm x 10 mm
 Ø5/16"	F3	 4 mm x 12 mm

01

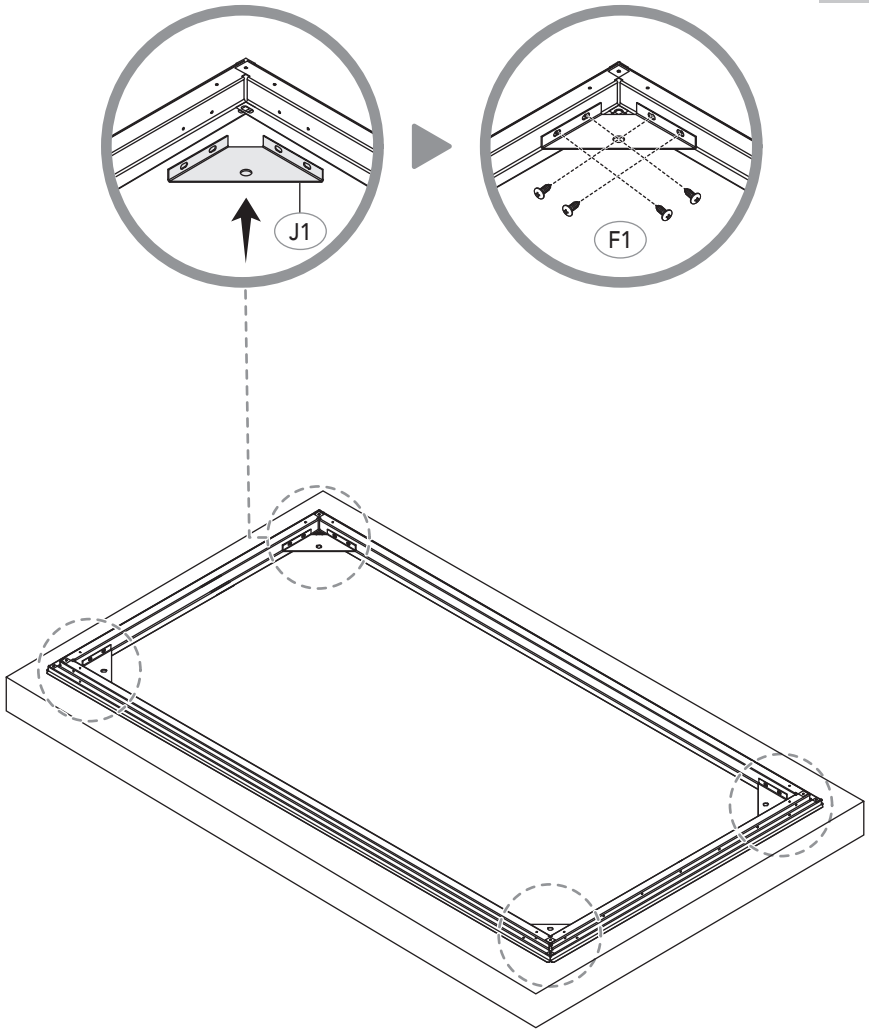


No.	Part	Qty.
1		2
2		1
3		1
F1		8

Base Frame Assembly

Lay **1**, **2** and **3** on a suitable base foundation (not included). Secure each corner with 2 screws **F1**.

02

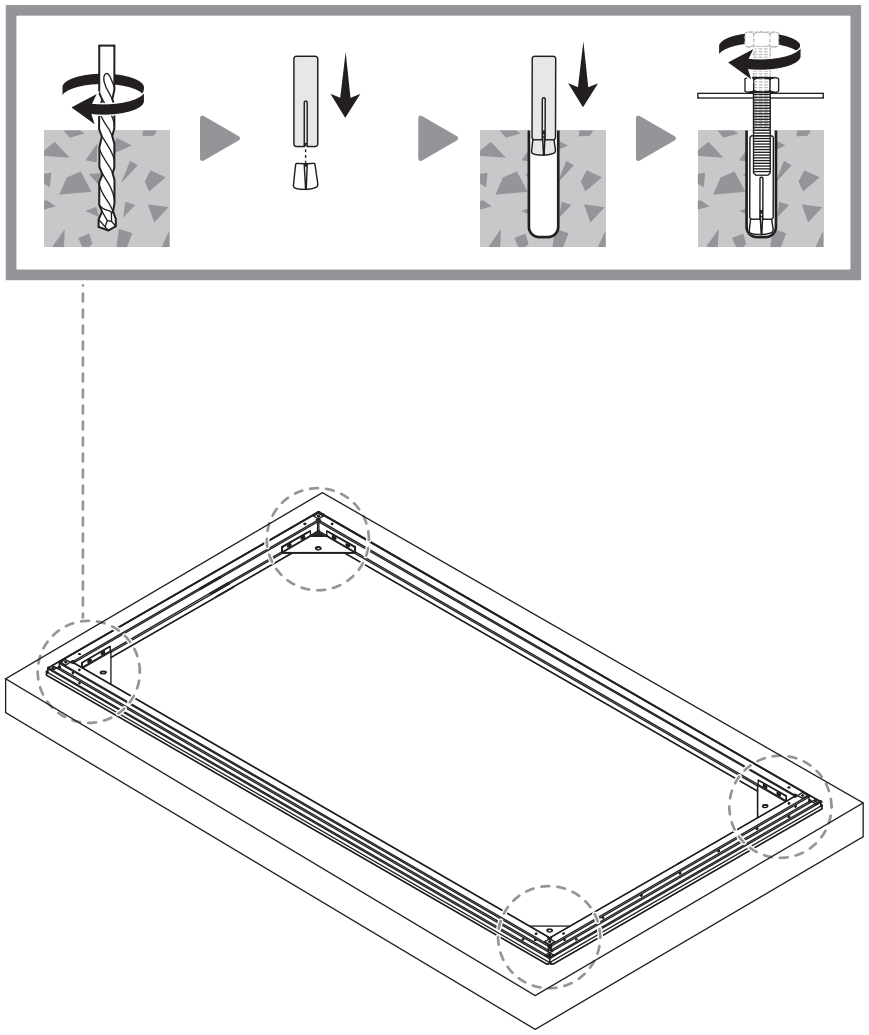


No.	Part	Qty.
J1		4
F1		16

Base Frame Assembly

Attach **J1** to the corners of the base frame. Secure each with 4 screws **F1**.

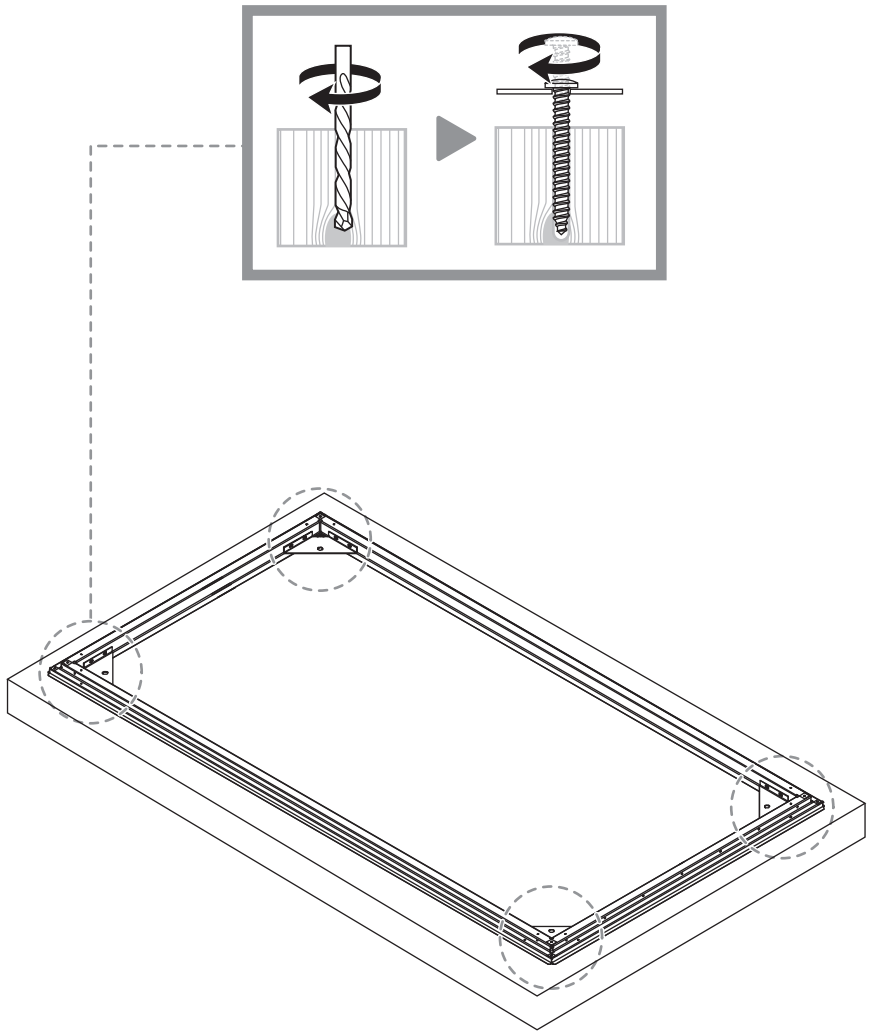
03



Anchoring to Concrete Base

Mark the positions of the screw holes on the base foundation. Drill the holes and insert the sleeve anchor (not included). Secure the base frame to the foundation with anchor bolts (not included).

04

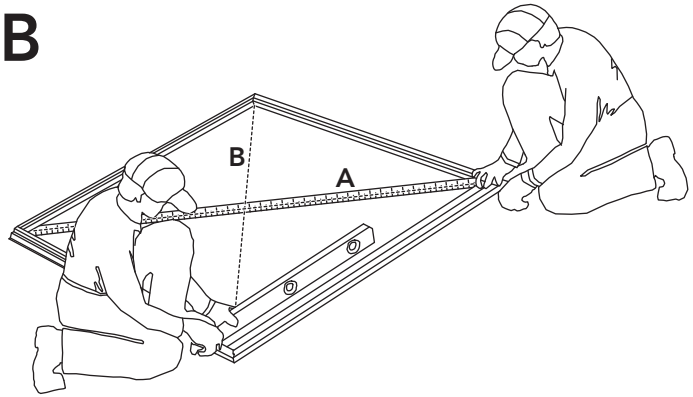


Anchoring to Wooden Base

Mark the positions of the screw holes on the base foundation. Drill the pilot holes and secure the base frame to the foundation with self-tapping screws (not included).

05

A=B

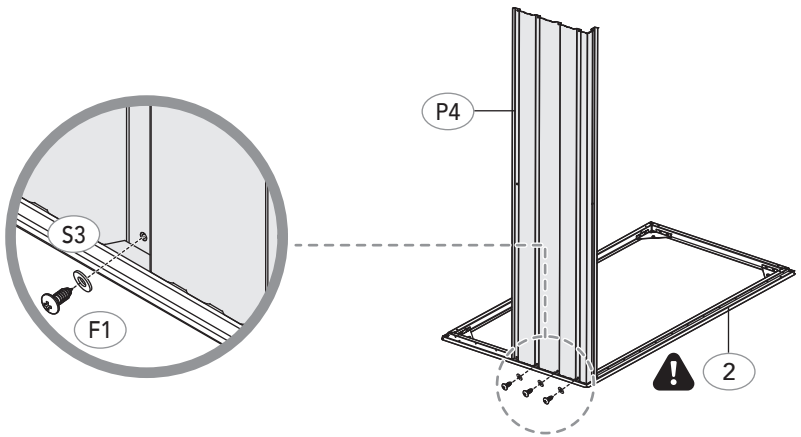


Checking the Base Frame

Measure the diagonals of the base frame to ensure that diagonals are equal in length or within 3/16" (5 mm).

Use a spirit level to ensure that the base frame is level.

06

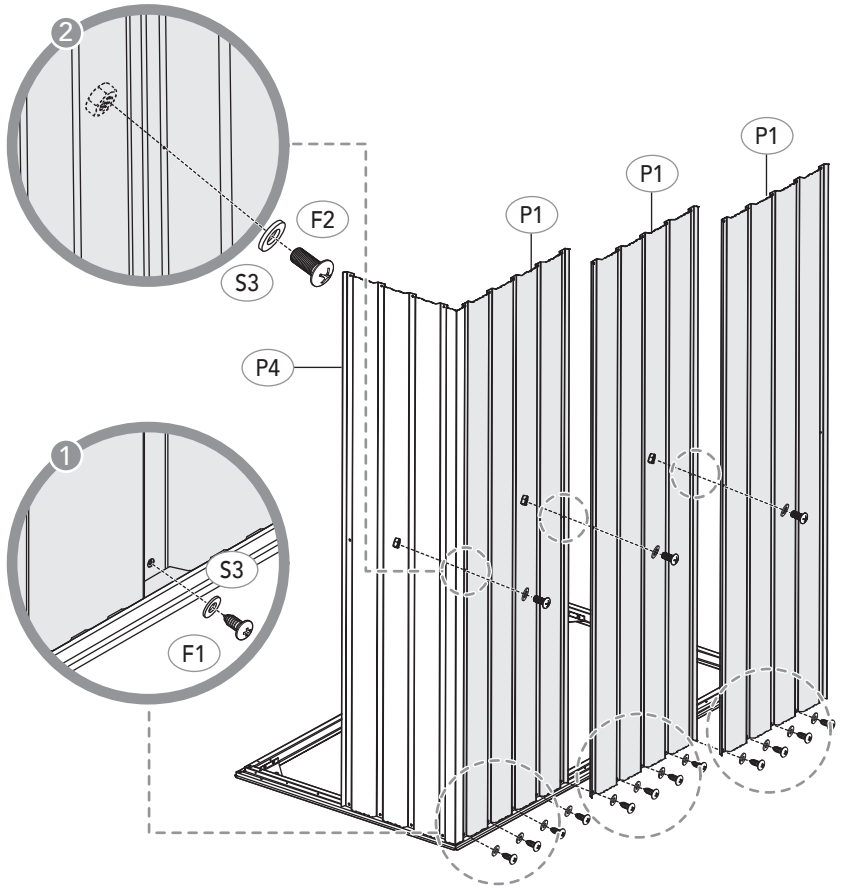


No.	Part	Qty.
P4		1
F1		3
S3		3

Rear Right Panel Assembly

Secure **P4** to the base frame using 3 screws **F1** and 3 washers **S3**.

07



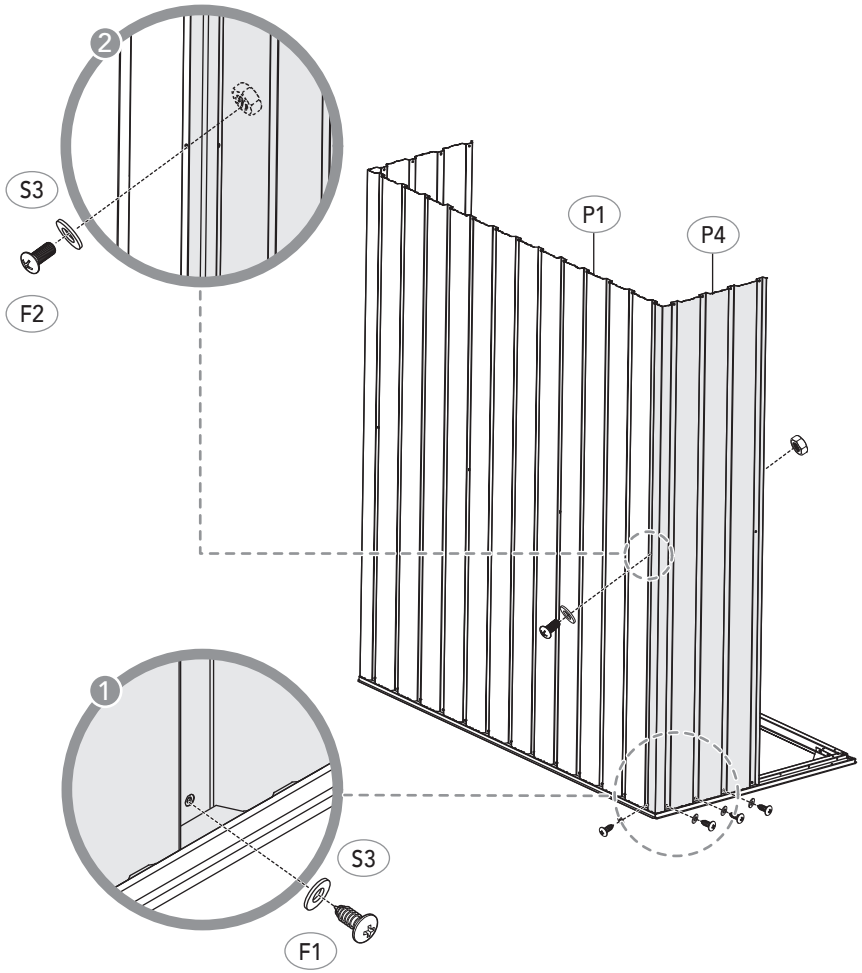
No.	Part	Qty.
P1		3
F1		12
S3		15
F2		3

Rear Panels Assembly

Secure each panel **P1** to the base frame using 4 screws **F1** and 4 washers **S3**.

Secure the first rear panel **P1** to **P4** using 1 set of bolt/nut **F2** and 1 washer **S3.** Continue to assemble the remaining 2 rear panels **P1**.

08



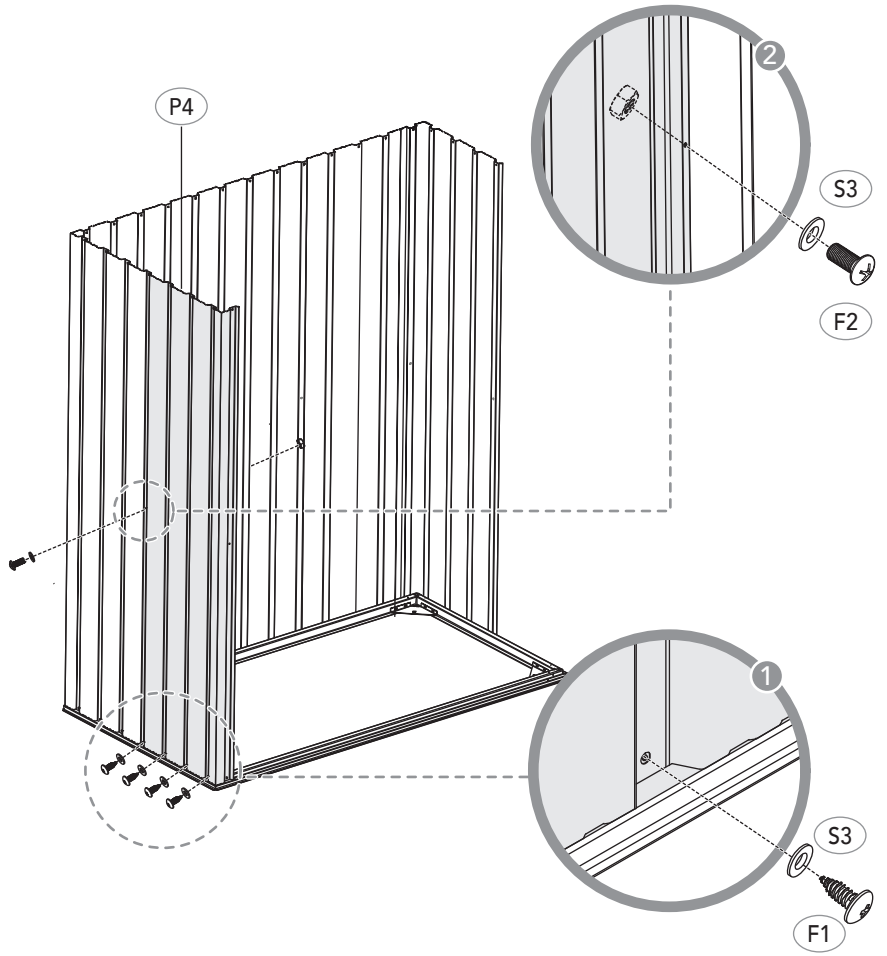
No.	Part	Qty.
P4		1
F1		4
S3		5
F2		1

Rear Left Panel Assembly

Secure **P4** to the base frame using 4 screws **F1** and 4 washers **S3**.

Secure **P4** to **P1** using 1 set of bolt/nut **F2** and 1 washer **S3.**

09



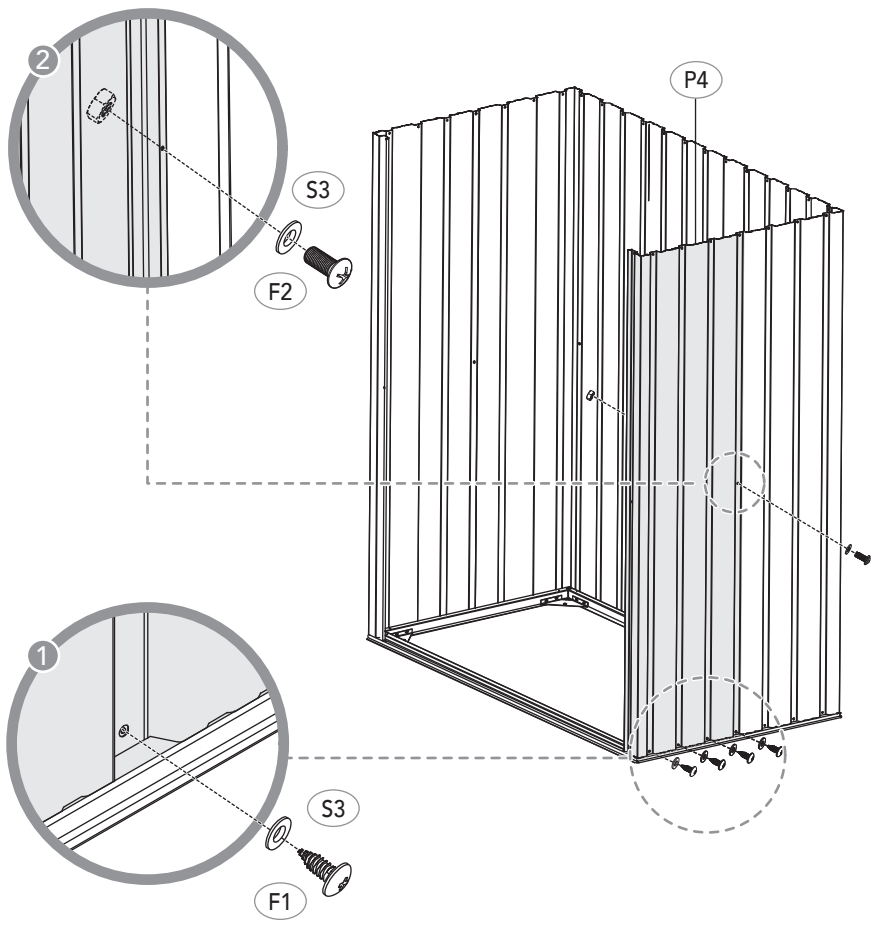
No.	Part	Qty.
P4		1
F1		4
S3		5
F2		1

Front Left Panel Assembly

Secure **P4** to the base frame using 4 screws **F1** and 4 washers **S3**.

Secure **P4** to the rear left panel using 1 set of bolt/nut **F2** and 1 washer **S3**.

10



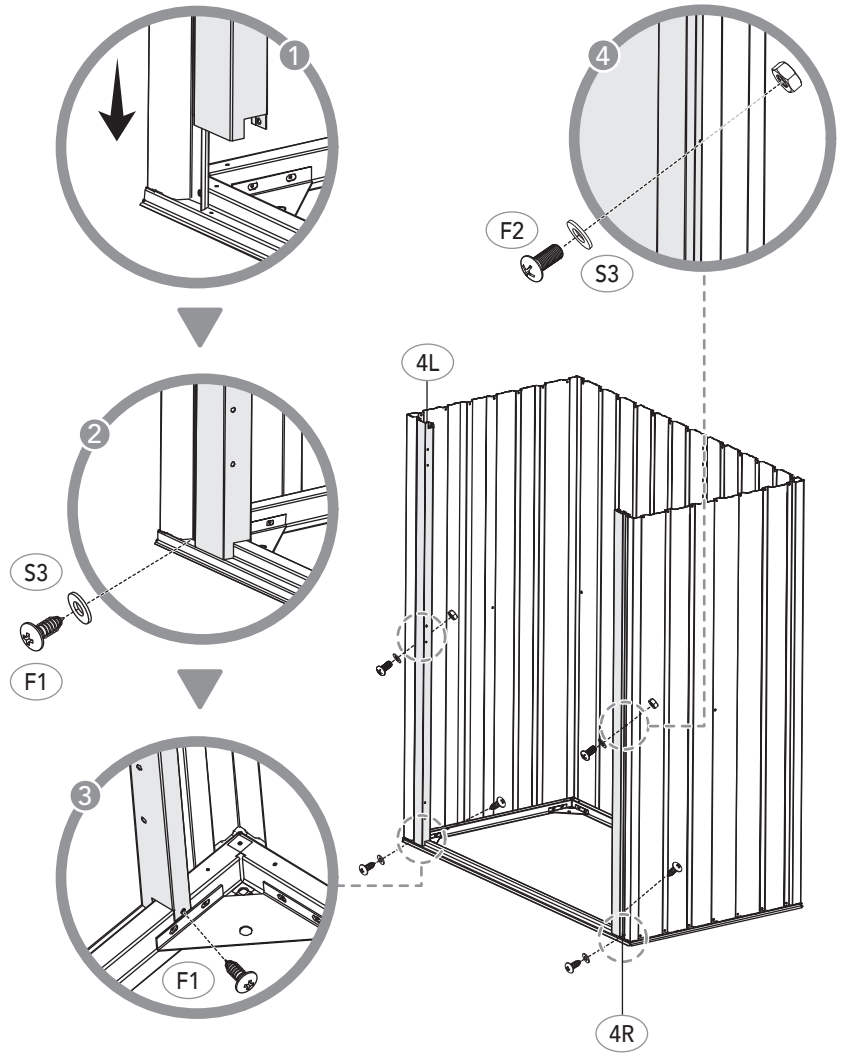
No.	Part	Qty.
P4		1
F1		4
S3		5
F2		1

Front Right Panel Assembly

Secure **P4** to the base frame using 4 screws **F1** and 4 washers **S3**.

Secure **P4** to the rear right panel using 1 set of bolt/nut **F2** and 1 washer **S3**.

11



No.	Part	Qty.
4L		1
4R		1
F1		4
S3		4
F2		2

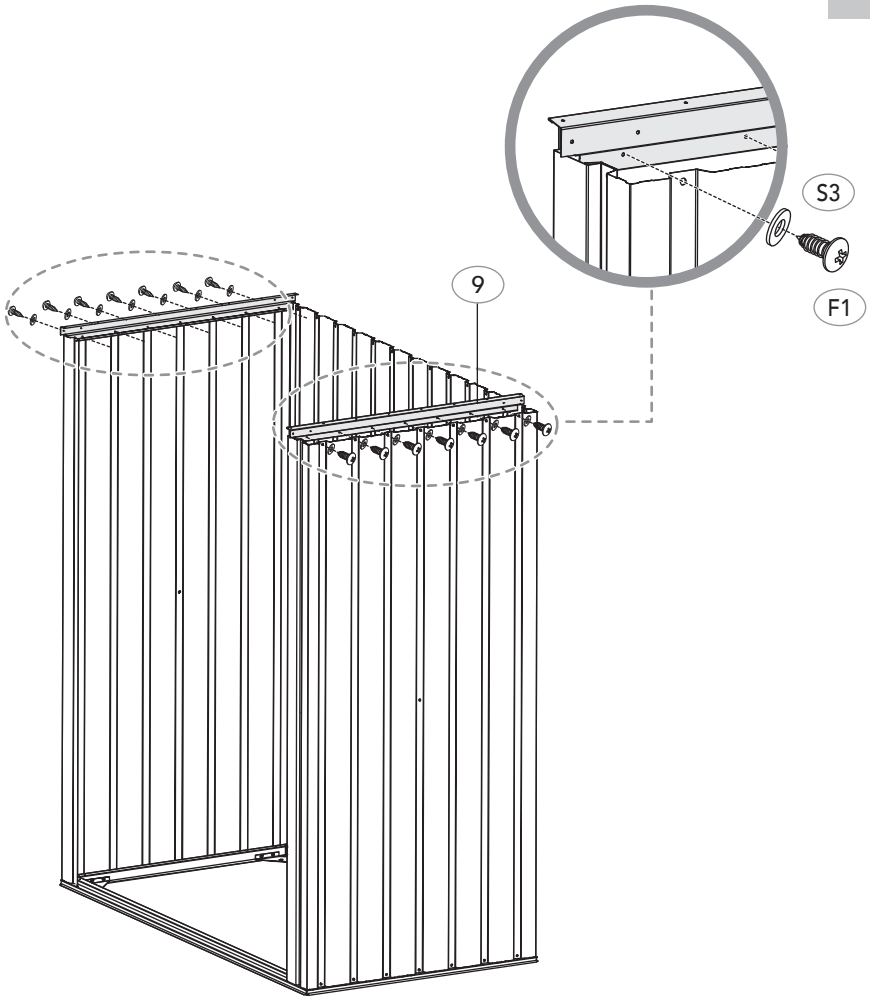
Door Posts Assembly

Slide **4L** along front panel **P4** so that it fits into the base frame.

Secure **4L** to the base frame using 2 screws **F1** and 1 washer **S3**. Then secure **4L** to the front panel using 1 set of bolt/nut **F2** and 1 washer **S3**.

Repeat above steps for **4R**.

12

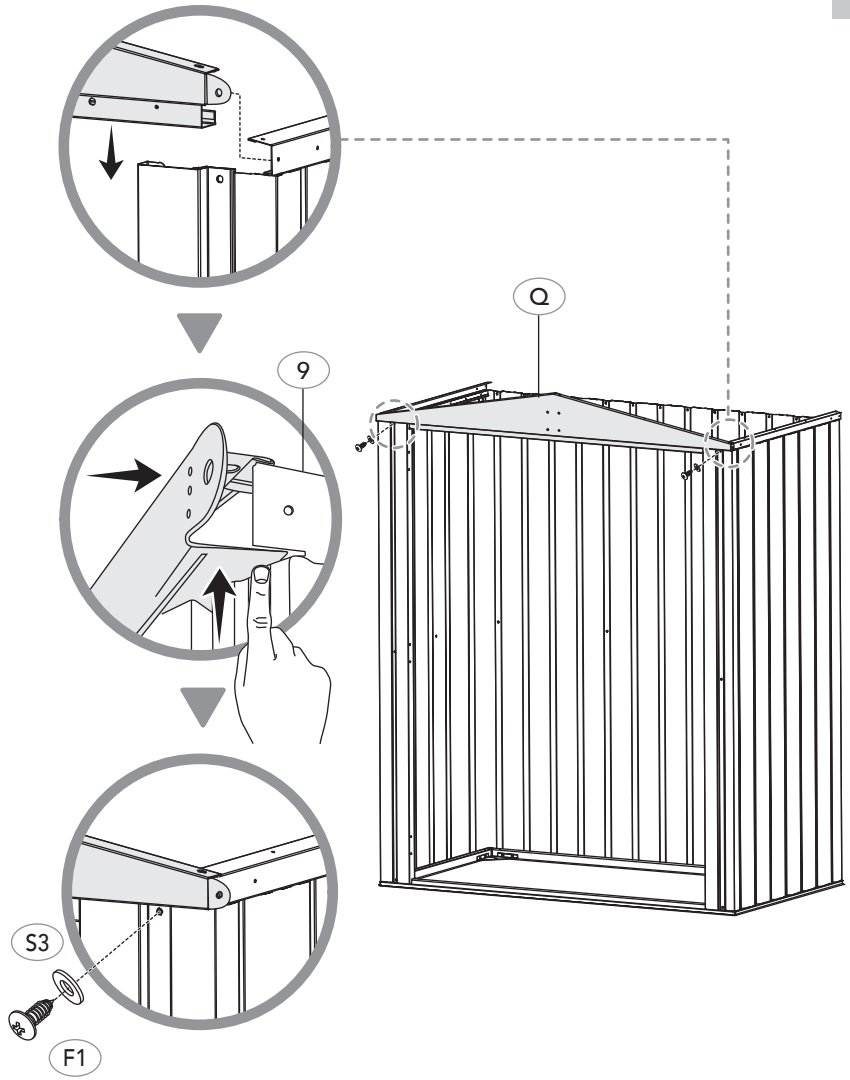


No.	Part	Qty.
9		2
F1		14
S3		14

Upper Beams Assembly

Secure **9** to the top of the side panels each using 7 screws **F1** and 7 washers **S3**.

13



No.	Part	Qty.
Q		1
F1		2
S3		2

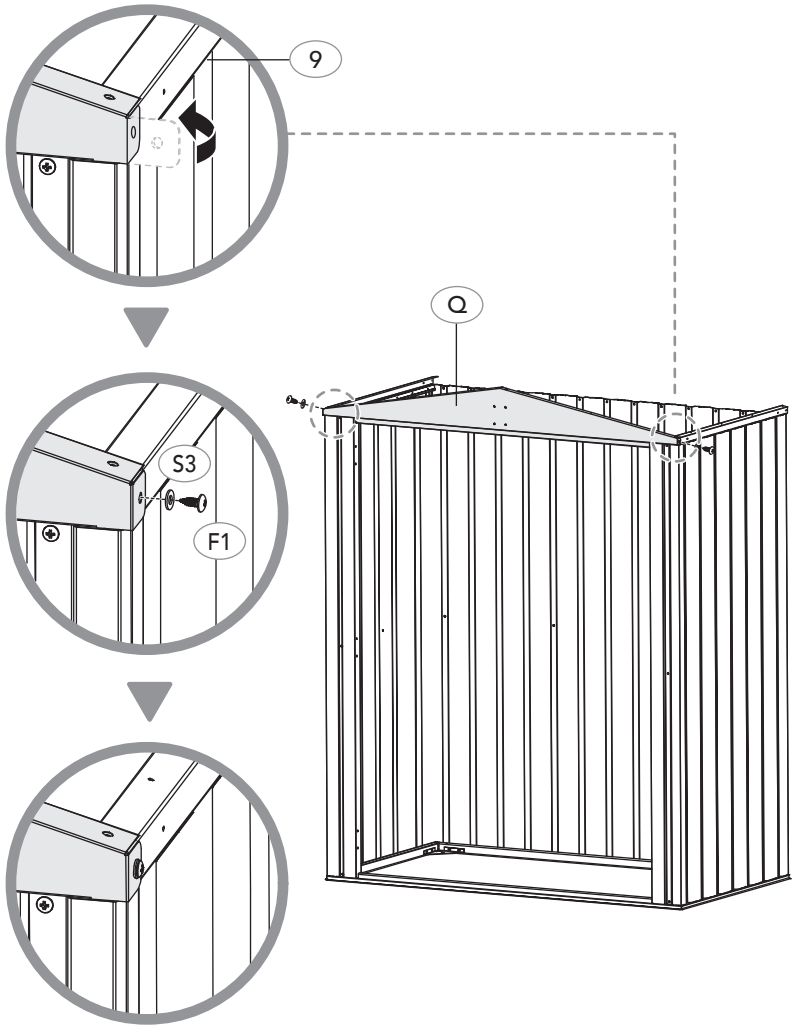
Front Triangle Panel Assembly

Place **Q** on top of the side panels.

Slightly push the bottom plate of **Q** so that it can be slided into the slot under the upper beams.

Secure **Q** to each door post using 1 screw **F1** and 1 washer **S3**.

14



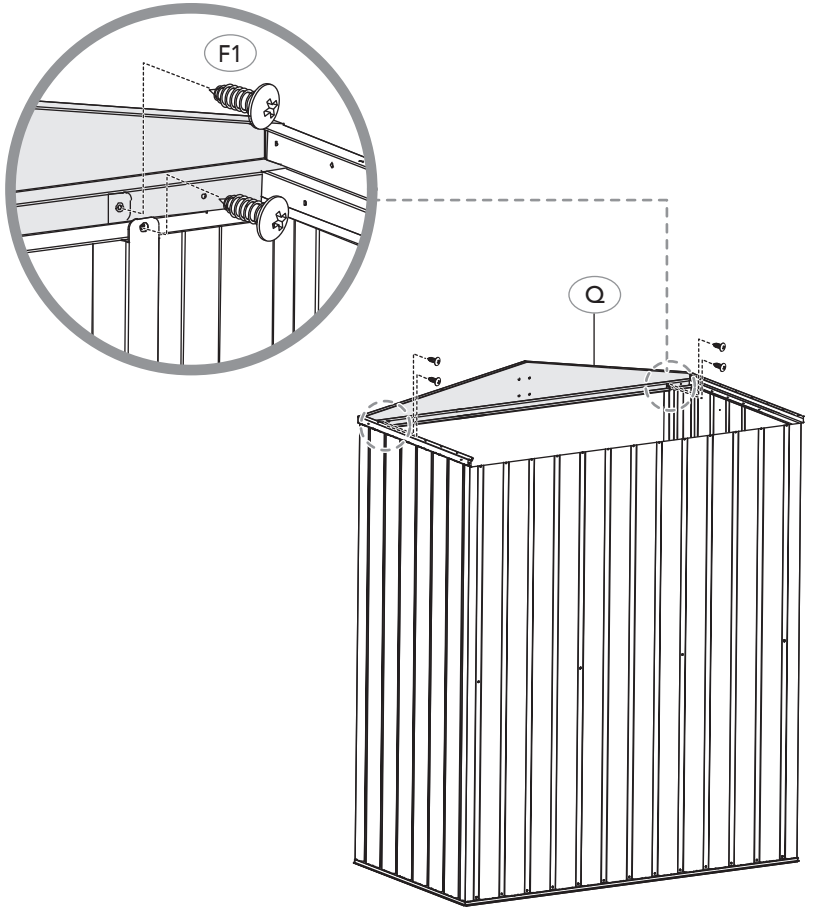
No.	Part	Qty.
F1		2
S3		2

Front Triangle Panel Assembly

Bend the tabs at the ends of **Q** towards the upper beams **9**.

Secure **Q** to each upper beam using 1 screw **F1** and 1 washer **S3**.

15

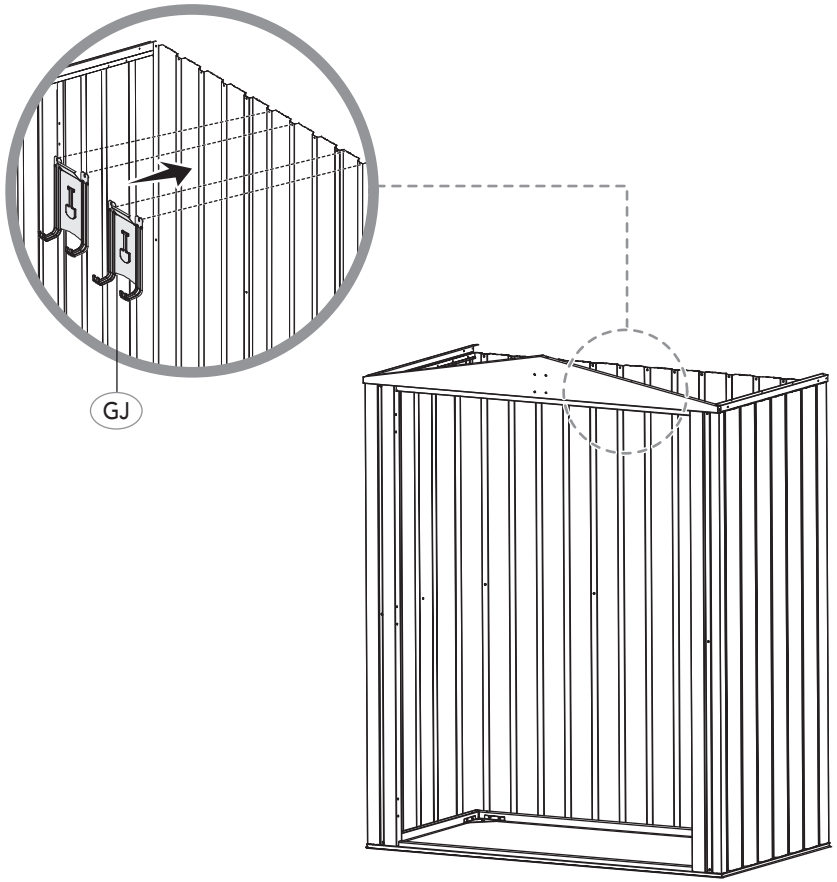


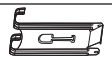
No.	Part	Qty.
F1		4

Front Triangle Panel Assembly

Secure **Q** to each door post from the back using 2 screws **F1**.

16

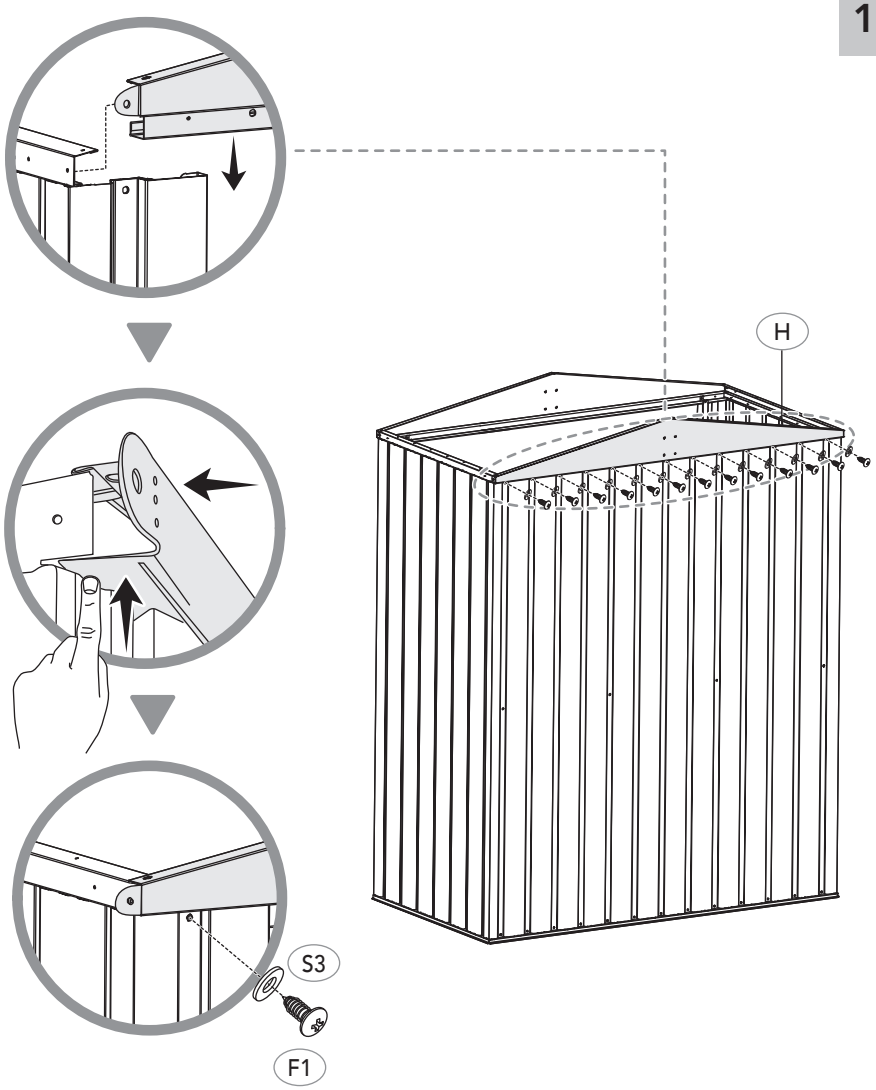


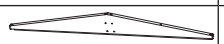
No.	Part	Qty.
GJ		2

Tools Hooks Assembly

Hang **GJ** on the top edge of a desired rear panel.

17



No.	Part	Qty.
H		1
F1		13
S3		13

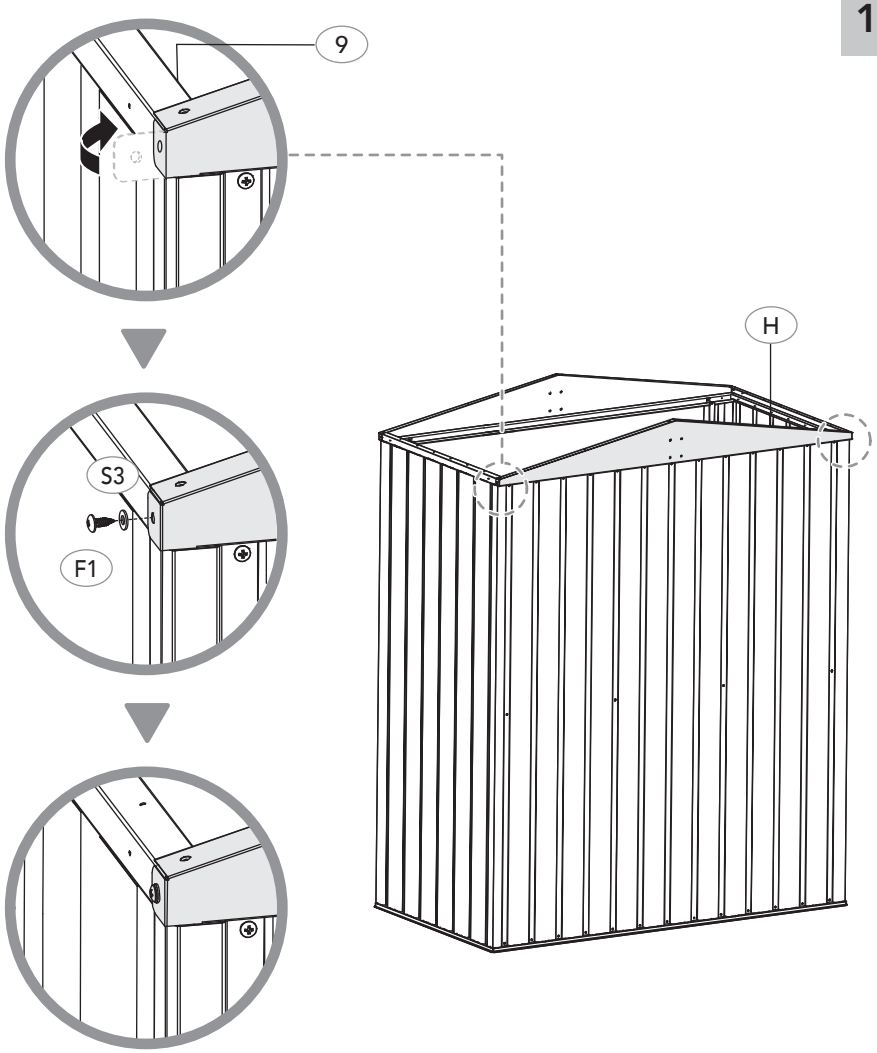
Rear Triangle Panel Assembly

Place **H** on top of the side panels.

Slightly push the bottom plate of **H** so that it can be slided into the slot under the upper beams.

Secure **H** to the rear panels using 13 screws **F1** and 13 washers **S3**.

18



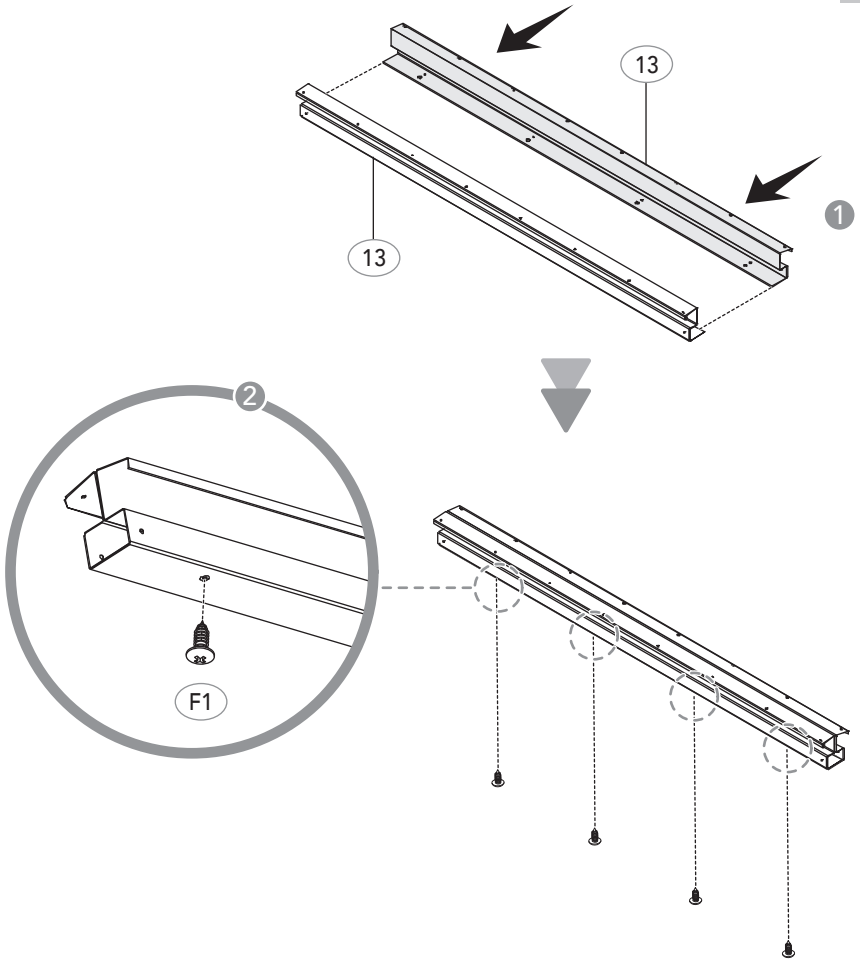
No.	Part	Qty.
F1		2
S3		2

Rear Triangle Panel Assembly

Bend the tabs at the ends of **H** towards the upper beams **9**.

Secure **H** to each upper beam using 1 screw **F1** and 1 washer **S3**.

19

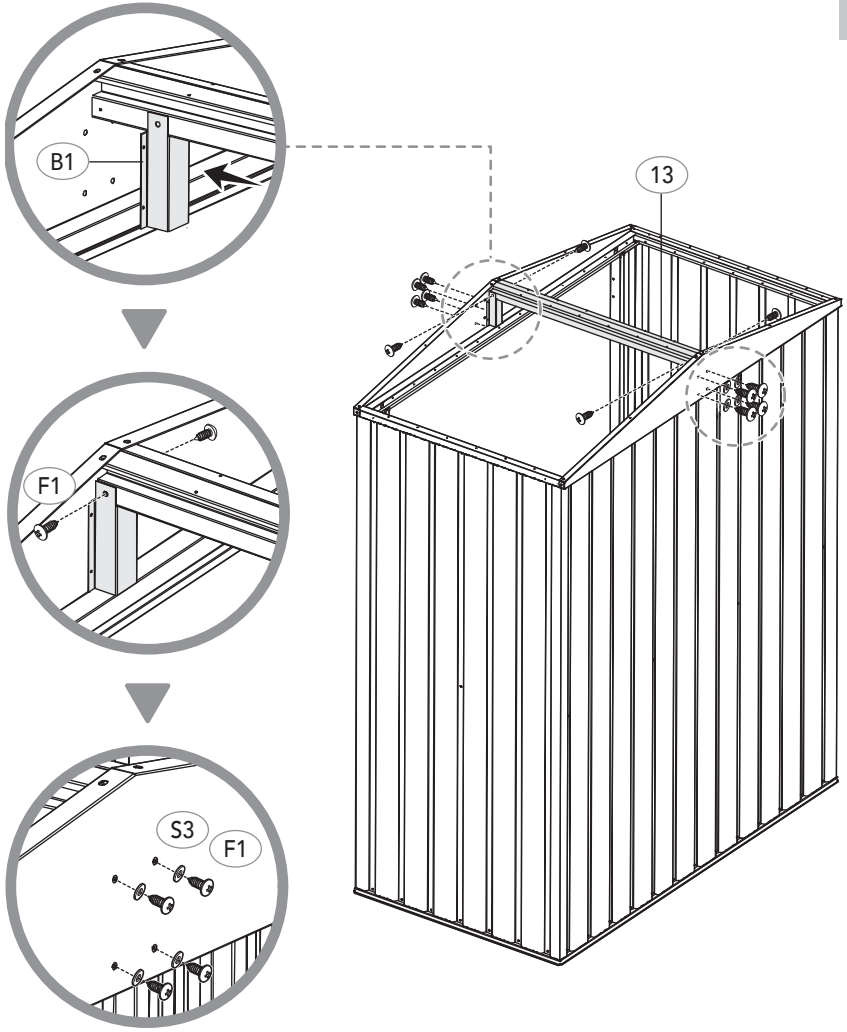


No.	Part	Qty.
13		2
F1		4

Roof Beam Assembly

Connect 2 roof beams **13** and secure them using 4 screws **F1**.

20



No.	Part	Qty.
B1		2
F1		12
S3		8

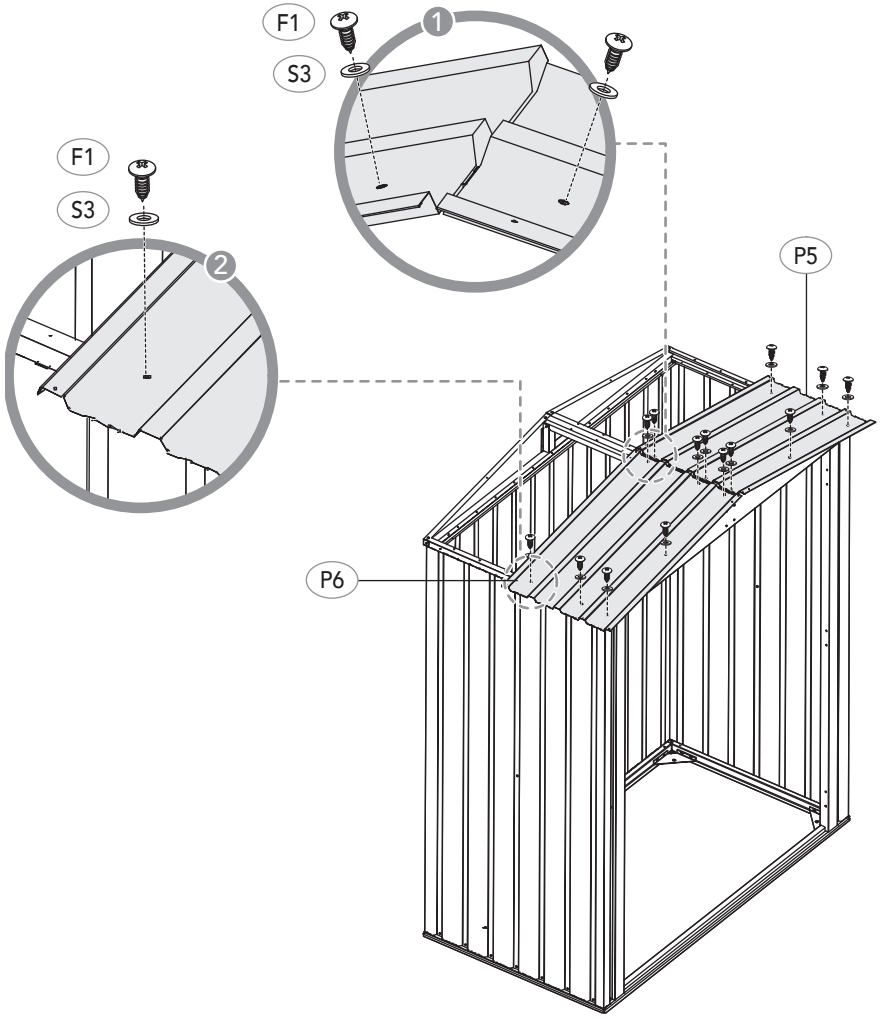
Roof Beam Assembly

Attach one support **B1** to each end of the assembled roof beam. Move it towards the corresponding triangle panel so that the screw holes are aligned.

Secure each support **B1** to the corresponding roof beam using 2 screws **F1**.

Secure each support **B1** to the triangle panel using 4 screws **F1** and 4 washers **S3**.

21

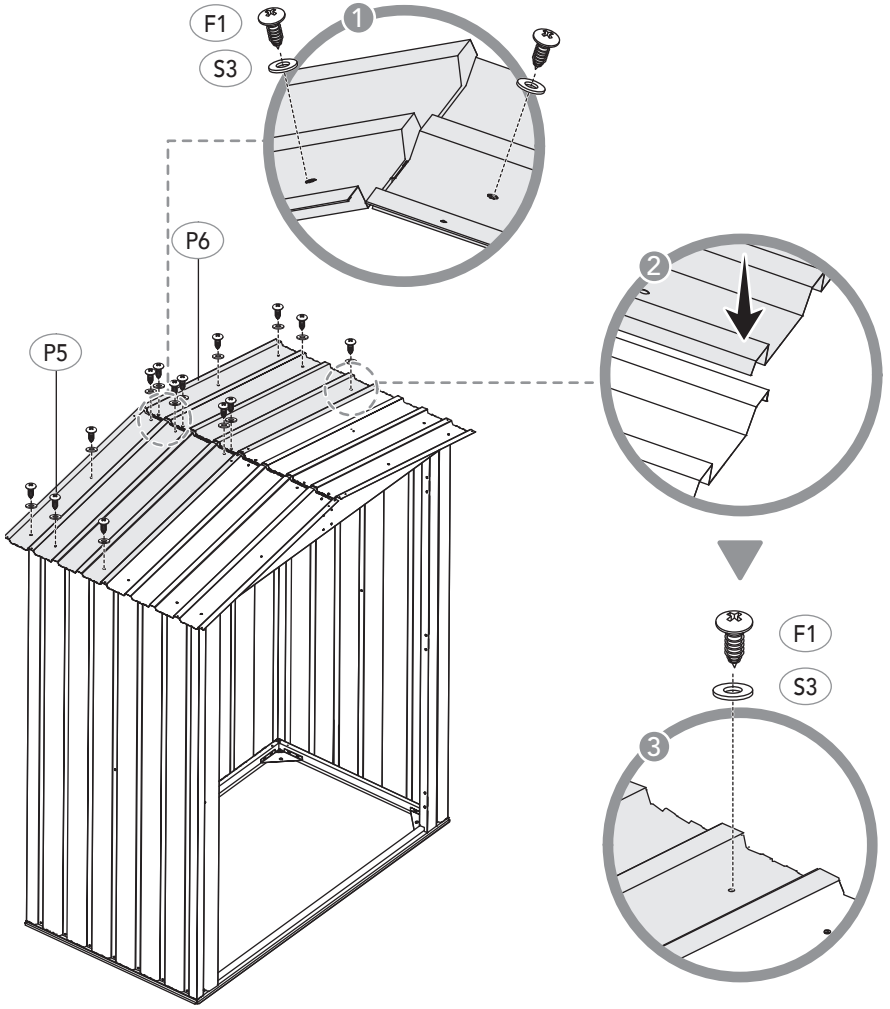


No.	Part	Qty.
P5		1
P6		1
F1		14
S3		14

Front Roof Panels Assembly

Secure each **P5** and **P6** to the top of the shade using 7 screws **F1** and 7 washers **S3**.

22

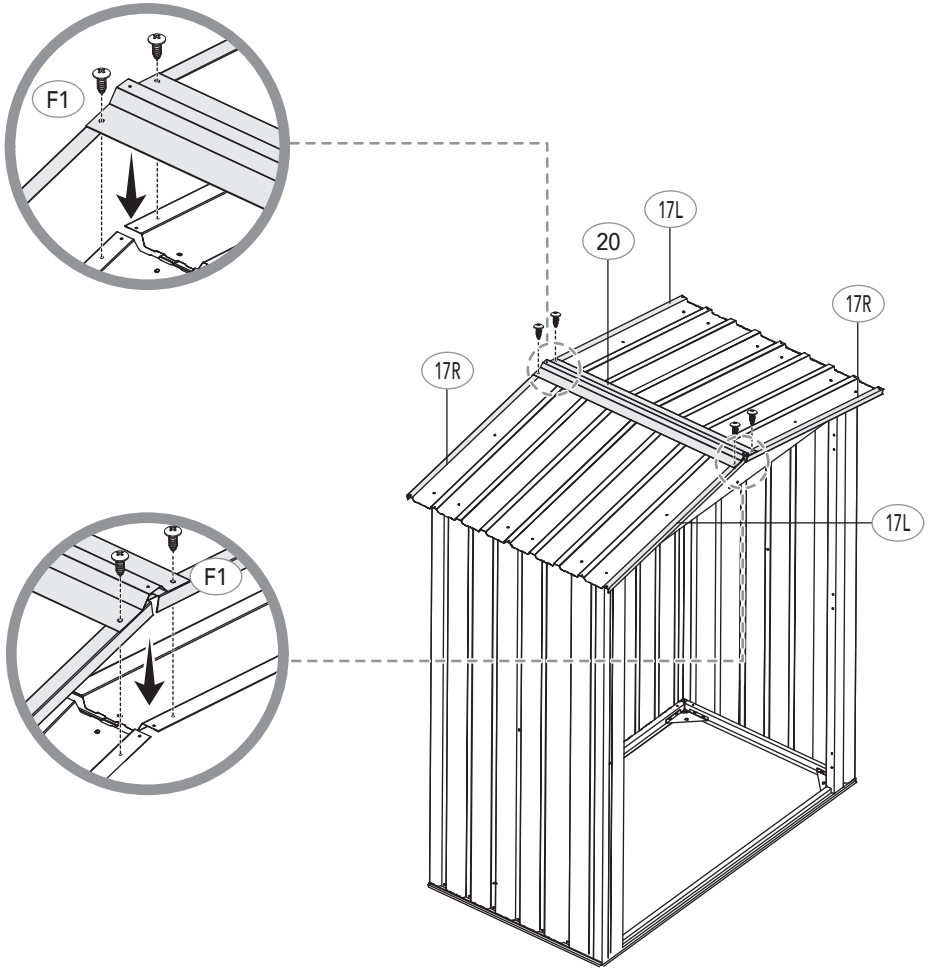


No.	Part	Qty.
P5		1
P6		1
F1		14
S3		14

Rear Roof Panels Assembly

Secure another set of **P5** and **P6** each using 7 screws **F1** and 7 washers **S3**.

23

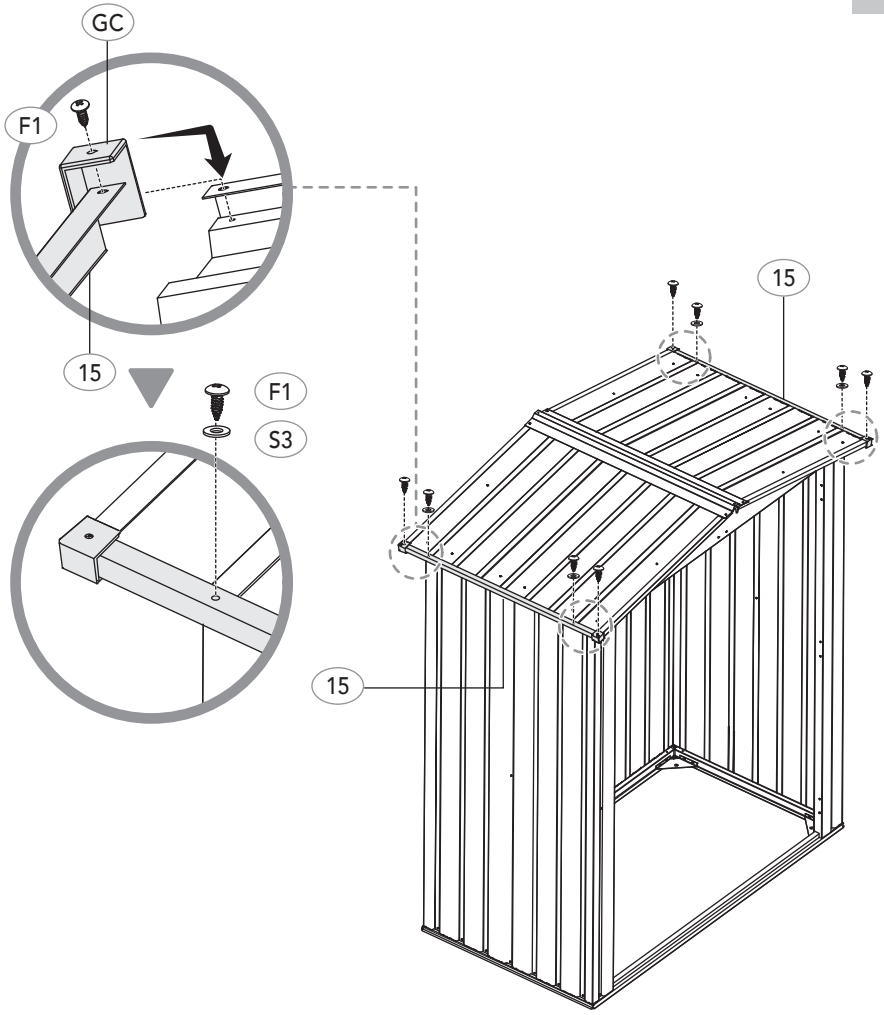


No.	Part	Qty.
20		1
17L		2
17R		2
F1		4

Ridge Caps Assembly

Place ridge caps **20**, **17L**, and **17R** on the roof panels. Secure all parts using 4 screws **F1**.

24



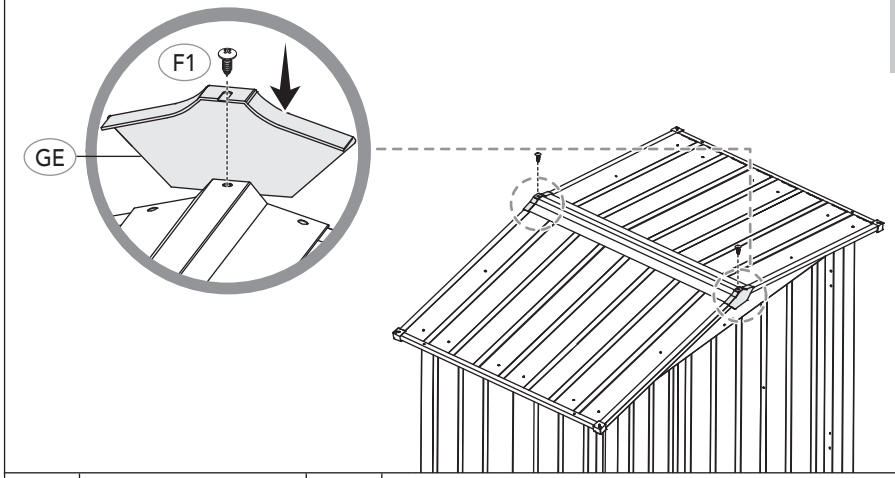
No.	Part	Qty.
GC		4
15		2
F1		8
S3		4

Ridge Caps and Corner Ends Assembly

Secure **GC** to both ends of of ridge caps **15** each using 1 screw **F1**.

Secure each ridge cap **15** to the edge of the corresponding roof panel using 2 screws **F1** and 2 washers **S3**.

25

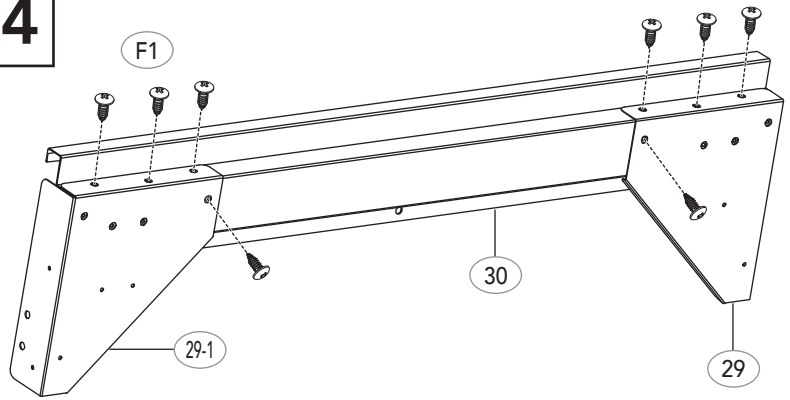


No.	Part	Qty.
GE		2
F1		2

Roof Finials Assembly

Secure each finial **GE** to end of the ridge cap using 1 screw **F1**.

26

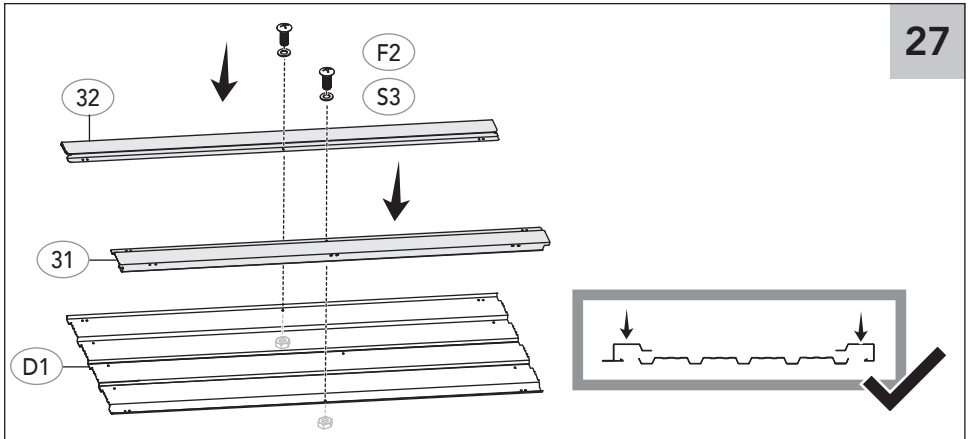


No.	Part	Qty.
29		4
29-1		4
30		4
F1		32

Door Connectors Assembly

Secure **29** and **29-1** to **30** each using 4 screws **F1**. Repeat the same steps to assemble the other 3 door connectors.

27

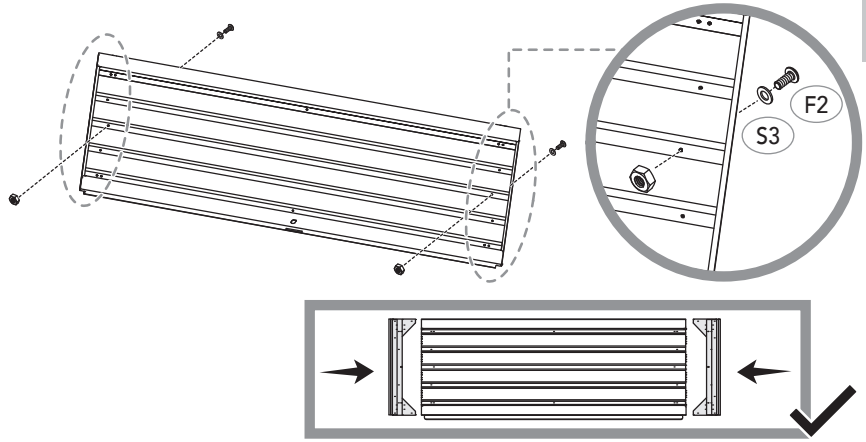


No.	Part	Qty.
D1		1
31		1
32		1
S3		2
F2		2

Left Door Panel Assembly

Secure **31** and **32** to **D1** each using 1 set of bolt/nut **F2** and 1 washer **S3**.

28

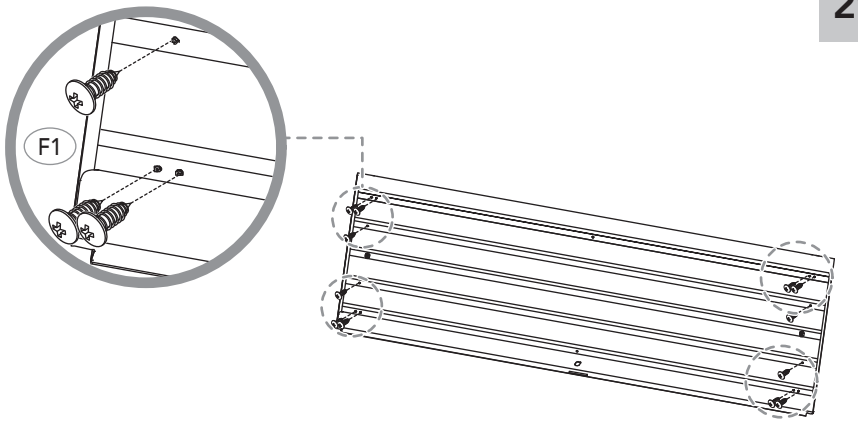


No.	Part	Qty.
F2		2
S3		2

Left Door Panel Assembly

Secure 2 door connectors to the left door panel each using 1 set of bolt/nut **F2** and 1 washer **S3**.

29

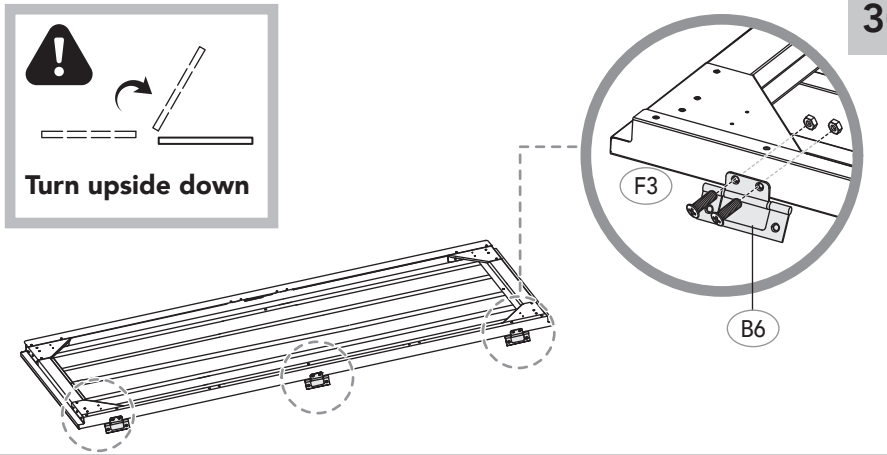


No.	Part	Qty.
F1		12

Left Door Panel Assembly

Further secure each door connector using 6 screws **F1**.

30

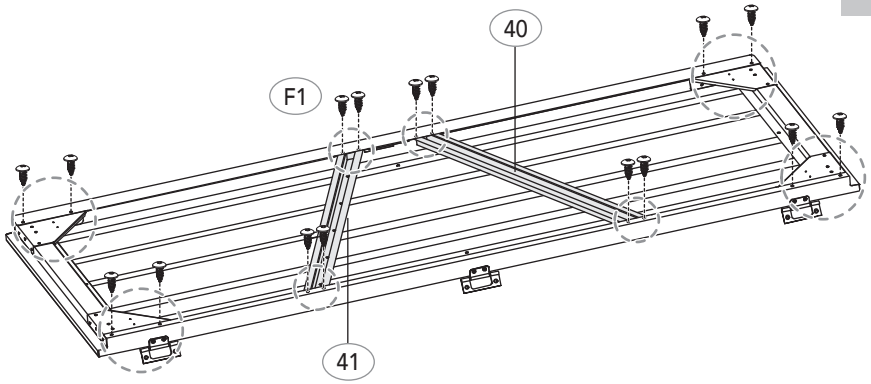


No.	Part	Qty.
B6		3
F3		6

Left Door Latches Assembly

Turn the left door panel upside down. Secure 3 latches **B6** to the left door panel each using 2 sets of bolt/nut **F3**.

31



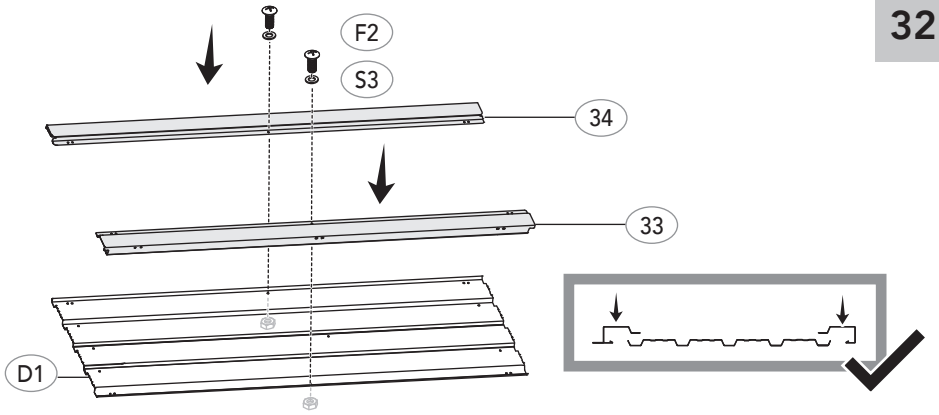
No.	Part	Qty.
40		1
41		1
F1		16

Cross Brace Assembly

Further secure each door connector using 4 screws **F1**.

Secure **40** and **41** to the left door panel each using 4 screws **F1**.

32

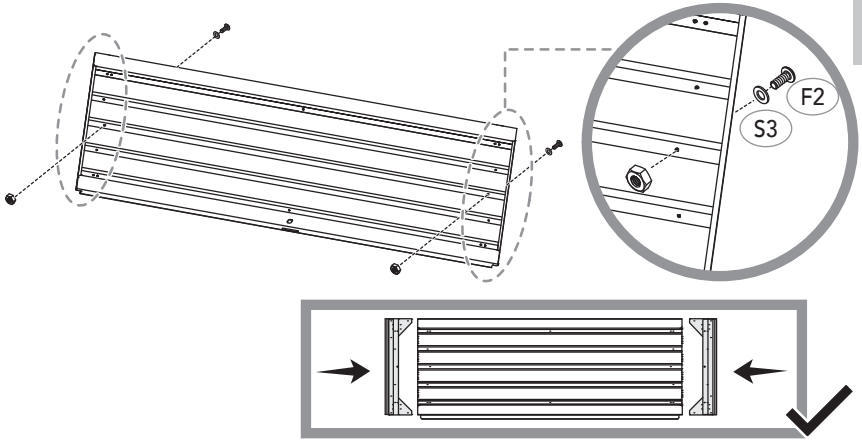


No.	Part	Qty.
D1		1
33		1
34		1
S3		2
F2		2

Right Door Panel Assembly

Secure **33** and **34** to **D1** each with 1 set of bolt/nut **F2** and 1 washer **S3**.

33

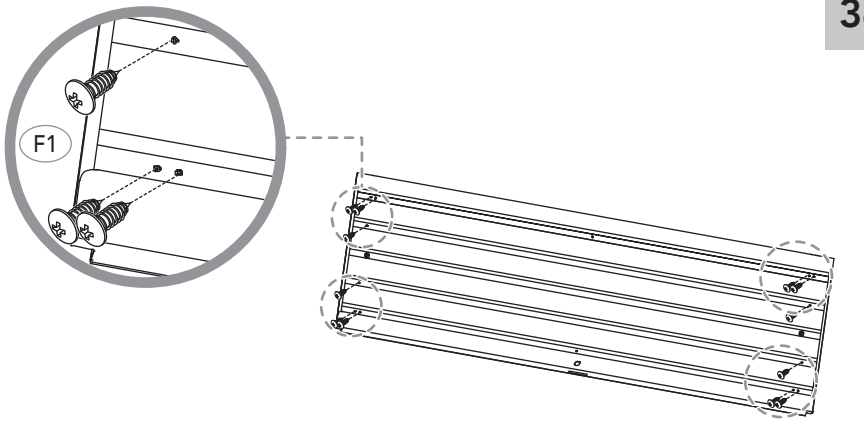


No.	Part	Qty.
F2		2
S3		2

Right Door Panel Assembly

Secure 2 door connectors to the right door panel each using 1 set of bolt/nut **F2** and 1 washer **S3**.

34

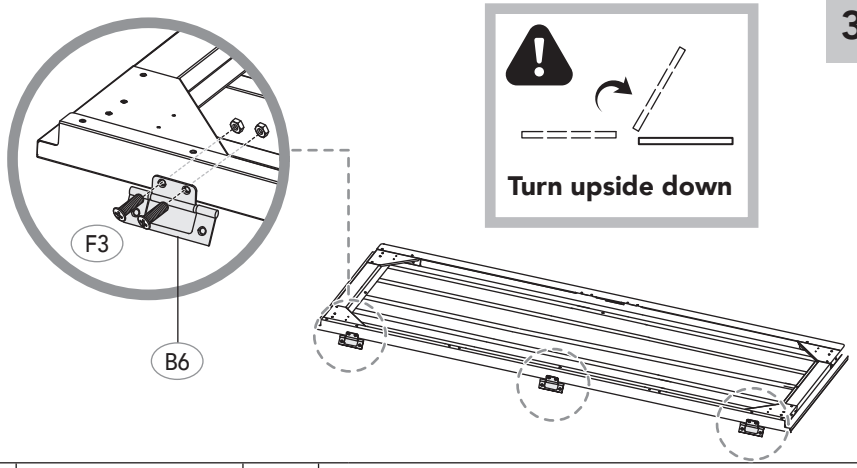


No.	Part	Qty.
F1		12

Right Door Panel Assembly

Further secure each door connector using 6 screws **F1**.

35

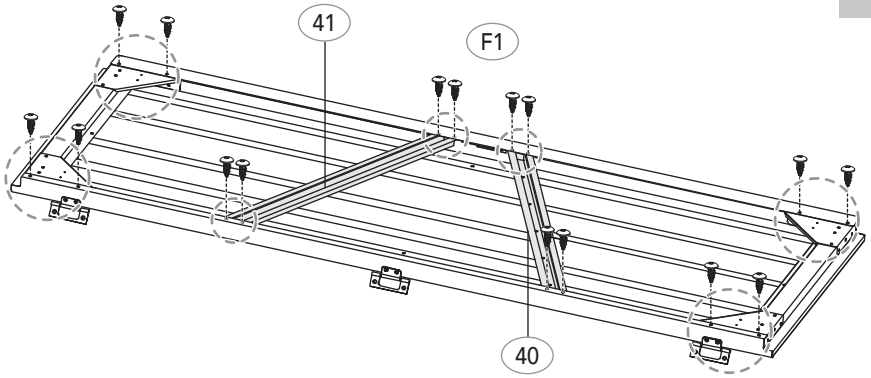


No.	Part	Qty.
B6		3
F3		6

Right Door Latches Assembly

Turn the right door panel upside down. Secure 3 latches **B6** to the right door panel each using 2 sets of bolt/nut **F3**.

36



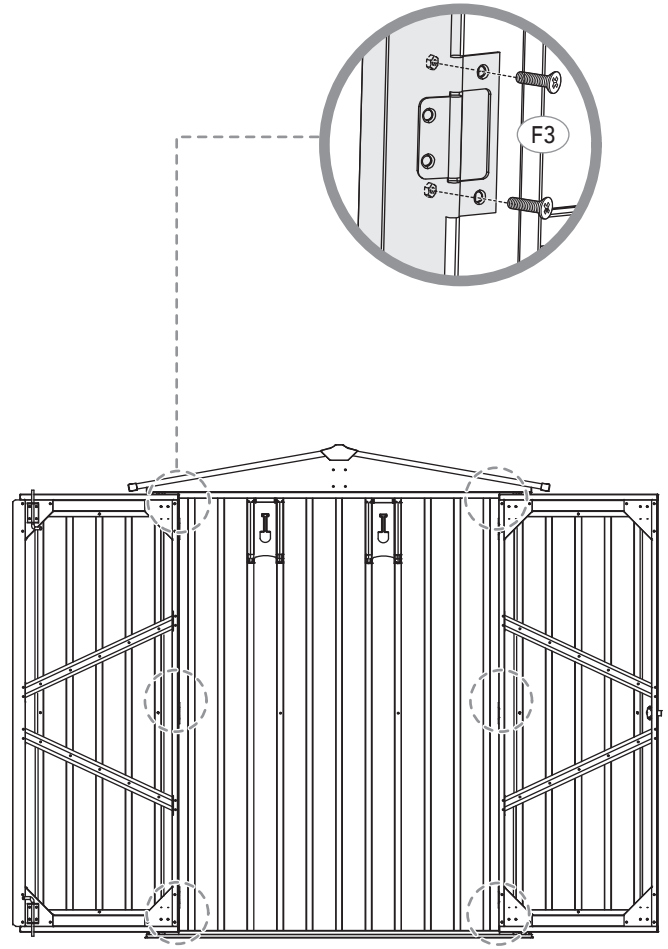
No.	Part	Qty.
40		1
41		1
F1		16

Cross Brace Assembly

Further secure each door connector using 4 screws **F1**.

Secure **40** and **41** to the right door panel each using 4 screws **F1**.

37

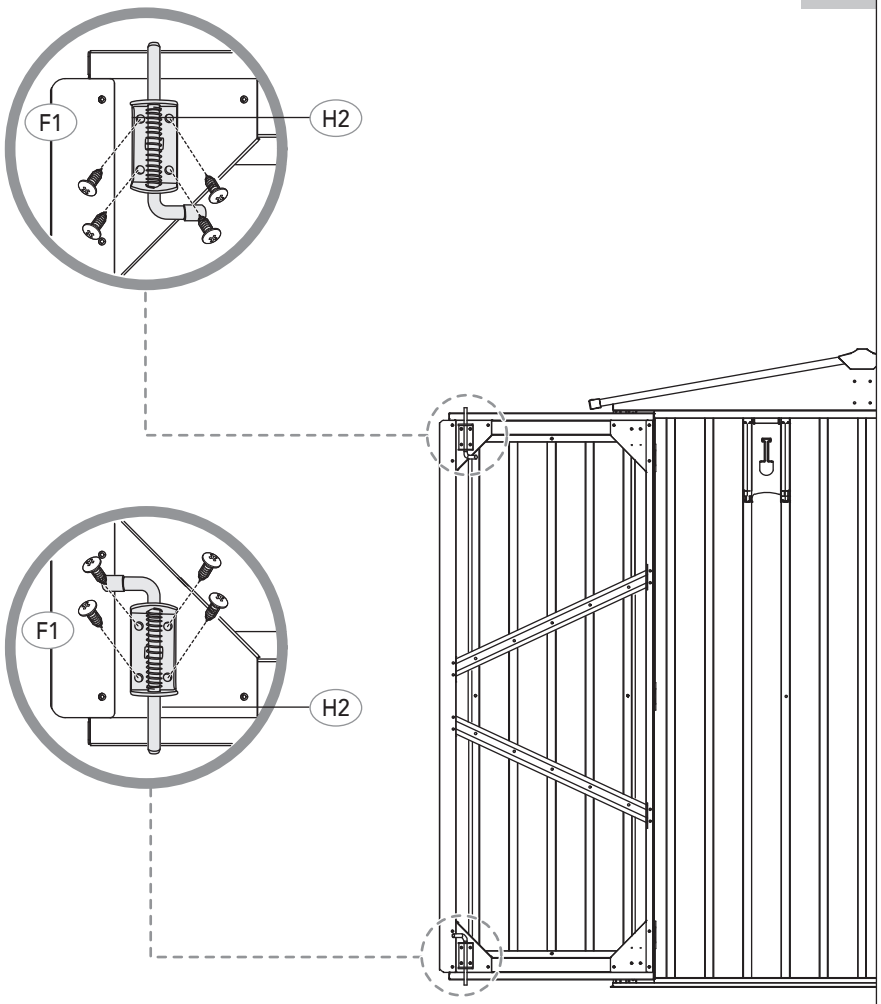


No.	Part	Qty.
F3		12

Door Panels Assembly

Fix the left door panel to the corresponding side panel using 3 door latches **B6** and secure each latch using 2 sets of bolt/nut **F3**. Repeat the same for right door panel.

38

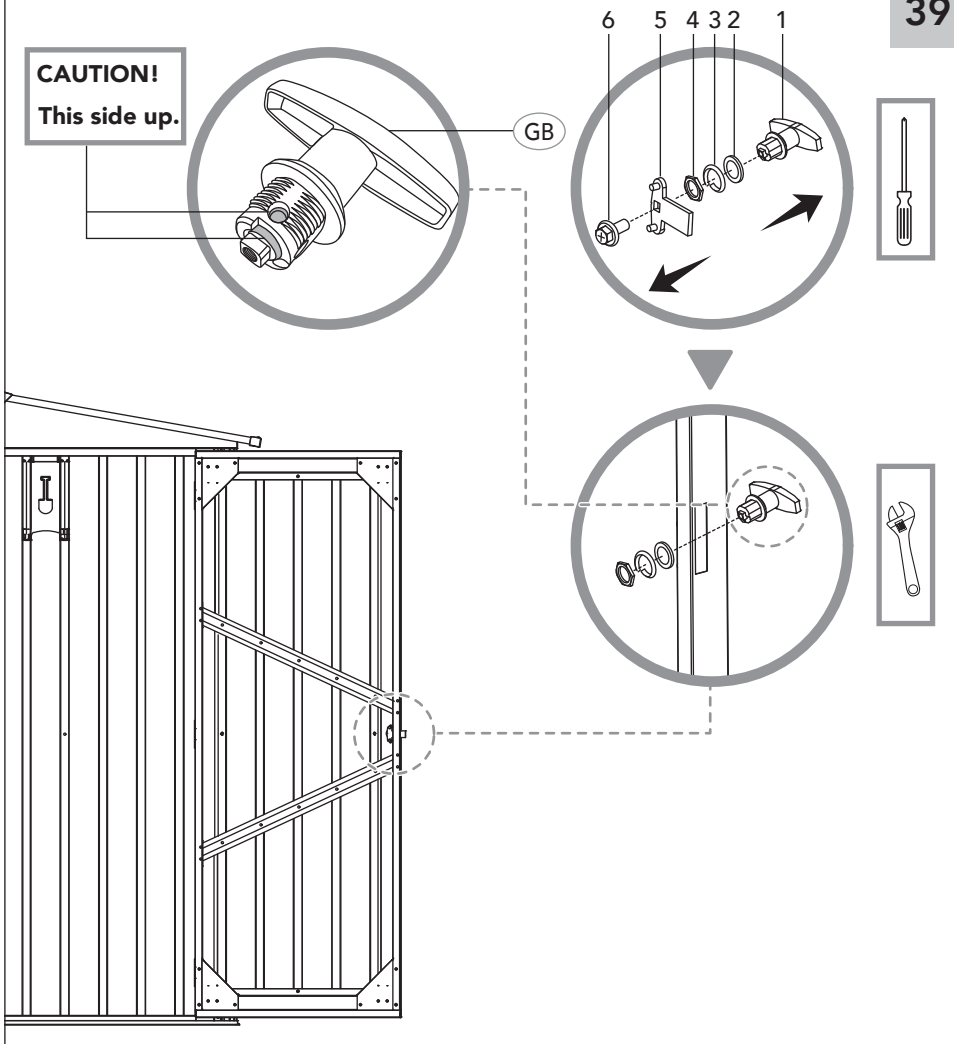


No.	Part	Qty.
H2		2
F1		8

Door Latch Assembly

Secure **H2** to the left door panel each using 4 screws **F1**.

39



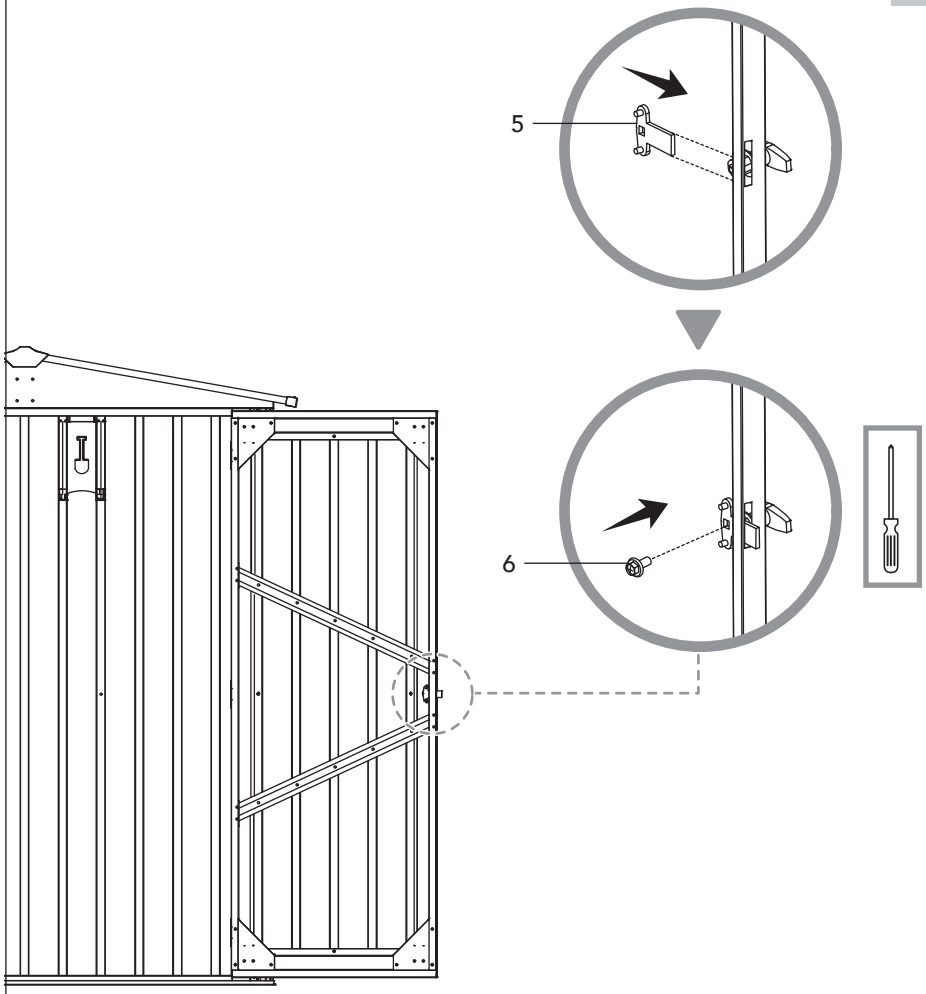
No.	Part	Qty.
GB		1

Door Lock Assembly

Disassemble the lock **GB** using a screwdriver.

Secure the knob (1) to the right door panel using the washer (2), spring washer (3) and nut (4). Use an adjustable wrench to tighten.

40

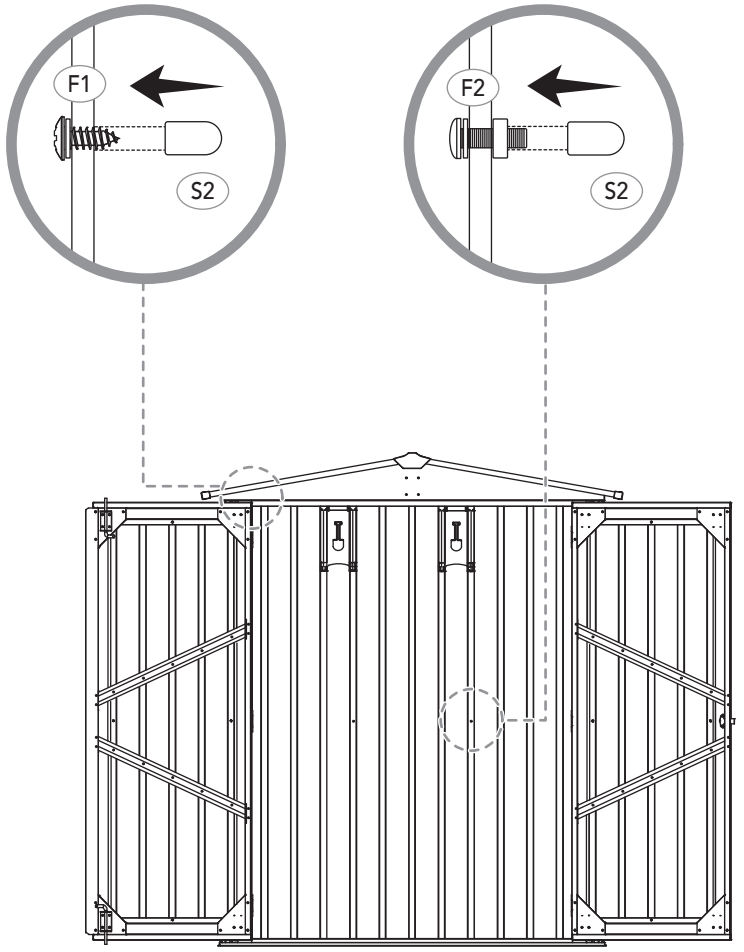


No.	Part	Qty.
GB		1

Door Lock Assembly

Install the latch (5) on the lock and secure using the screw (6). Test if the lock operates properly.

41

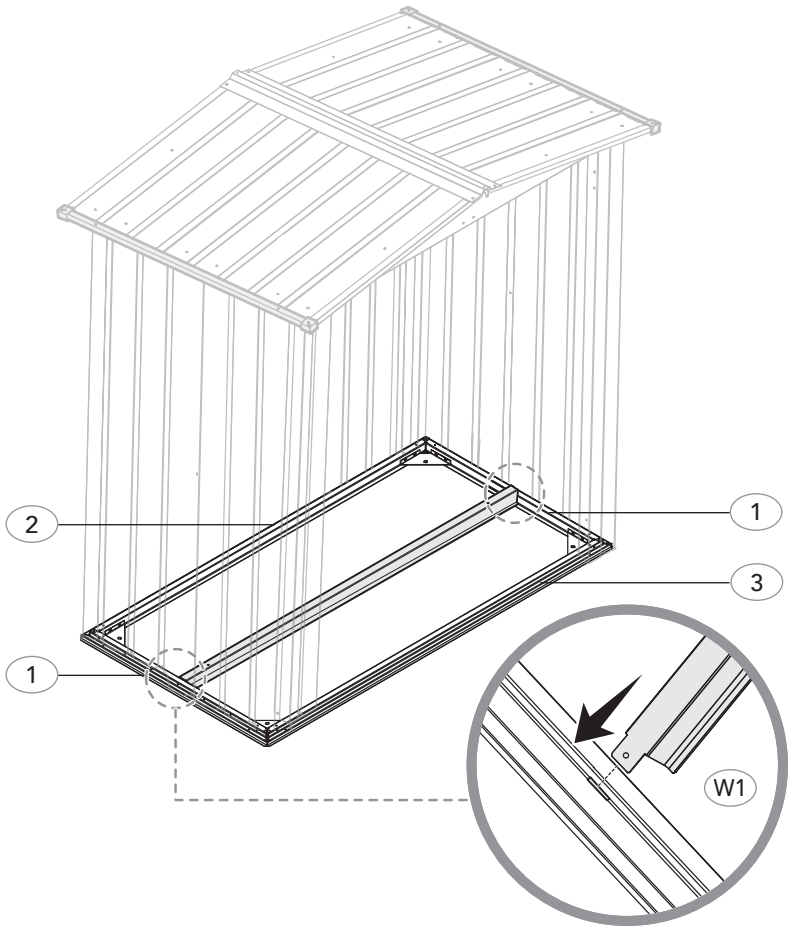


No.	Part	Qty.
S2		85

Placing Screw Caps

For protection, cover each screw **F1** and bolt **F2** thread using screw caps **S2**.

42



No.	Part	Qty.
W1		1

Assembling the stabilizer bar

For stabilizing the shed, slide the stabilizer bar **W1** into the slots on the two base bars **1**.

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