Step 24: Attach Door Stop

A: In the notched out opening of (2715) Door Stop attach the Magnetic Catch using 2 (S18) #6 x 1” Wood Screws. (fig. 24.1) **Important: Use a hand held screw driver and DO NOT over tighten.**

B: On the inside of the assembly, attach (2715) Door Stop to the panel with 3 (S11) #8 x 2” Wood Screws, making sure (2715) Door Stop overhangs the panel by 1-1/4” and is in position to receive the Catch Plate. (fig. 24.2 and 24.3).

Fig. 24.2
Inside View

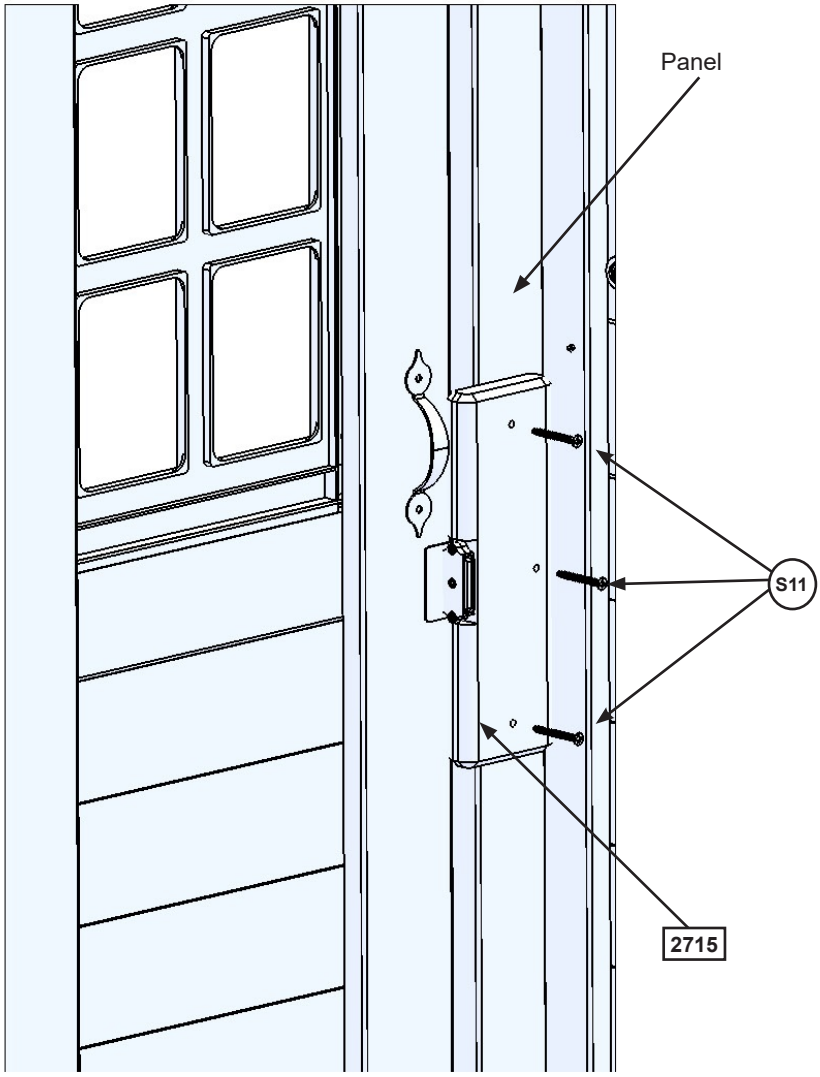


Fig. 24.1

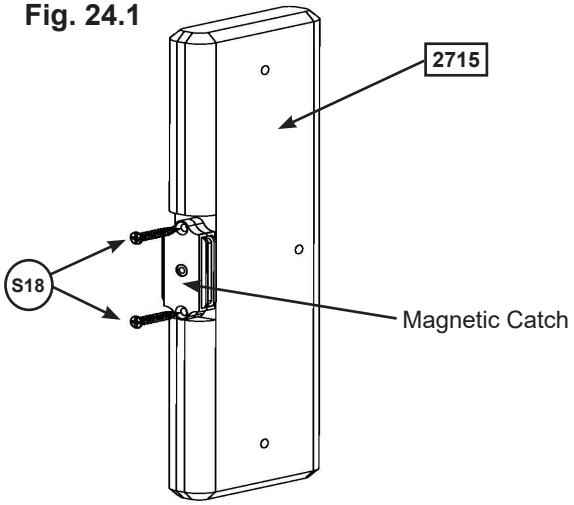
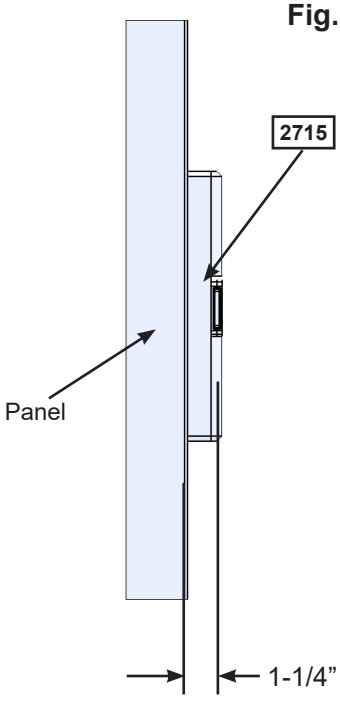


Fig. 24.3



Wood Parts
1 x 2715 Door Stop 5/4 x 3 x 10”

Hardware
2 x S18 #6 x 1” Wood Screw
3 x S11 #8 x 2” Wood Screw

Other Parts
1 x Magnetic Catch

Step 25: Roof Support Assemblies

A: Attach 1 (2617) Roof Support to a second (2617) Roof Support at peak using 1 (S4) #8 x 3” Wood Screw. Repeat this step so there are 2 Roof Support Assemblies. (fig. 25.1)

B: Attach 1 (2680) Roof Support to a second (2680) Roof Support at peak using 1 (S4) #8 x 3” Wood Screw. Repeat this step so there are 2 Small Roof Support Assemblies. (fig. 25.2)

Fig. 25.1

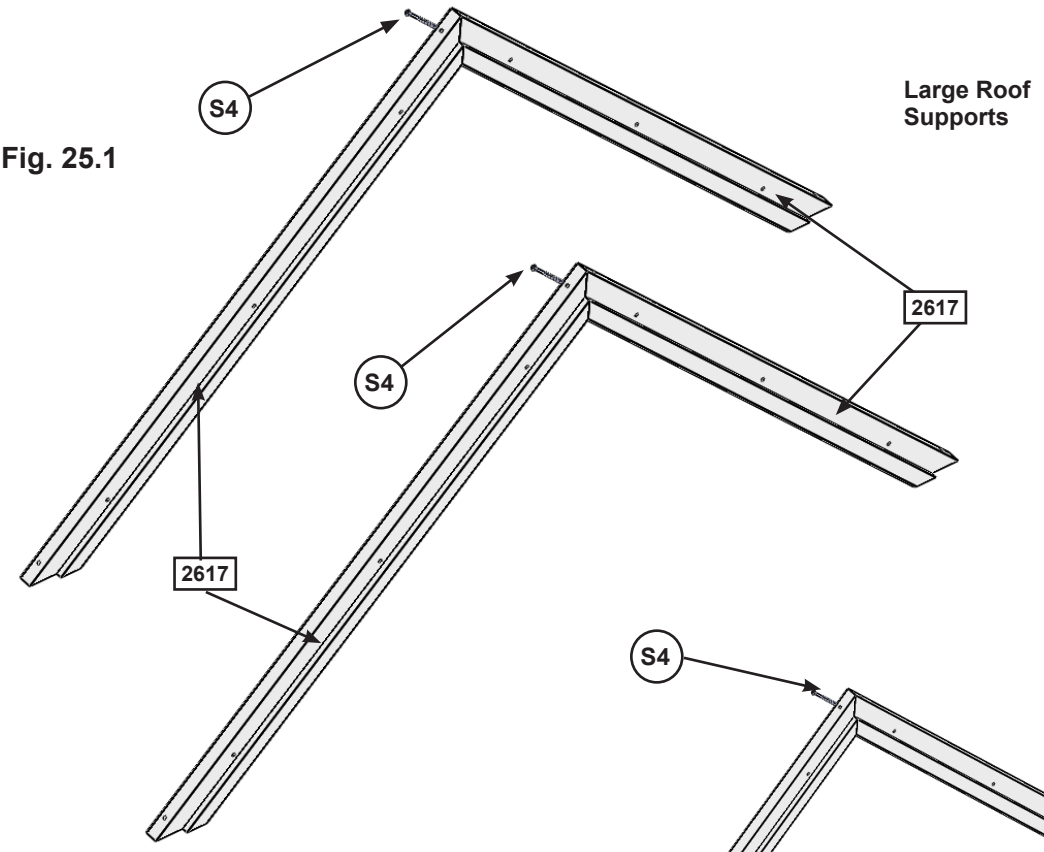
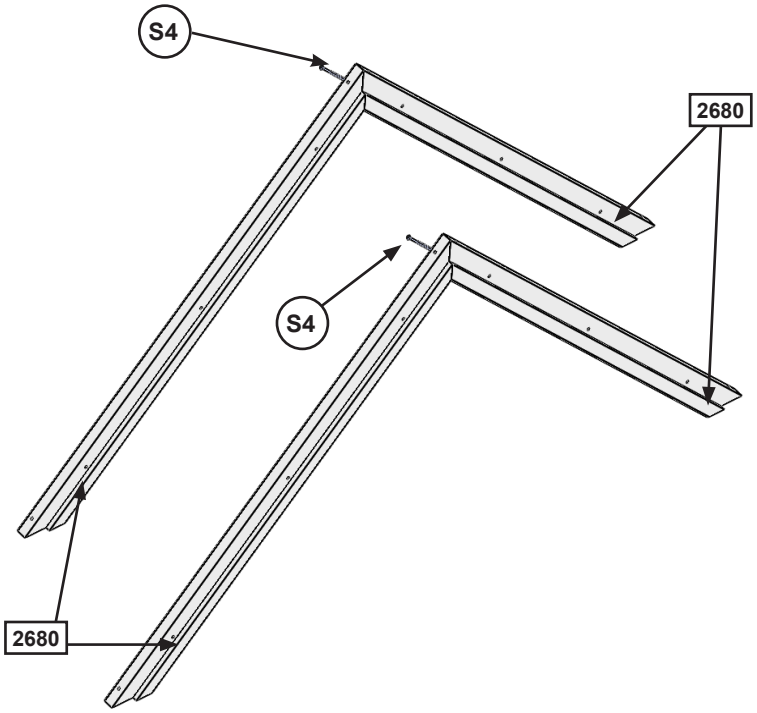


Fig. 25.2



Wood Parts

4 x 2617 **Roof Support 1-1/4 x 2-1/4 x 37-1/2”**
4 x 2680 **Roof Support 1-1/4 x 2-1/4 x 34-1/16”**

Hardware

4 x S4 **#8 x 3” Wood Screw**

Step 26: Large Roof Assembly Part 1

A: Place (2644) Front Roof Panel against (2639) Back Roof Panel so the tops form a peak then tight to the inside edge of the outside slats attach 1 Narrow Angle Bracket per slat with 2 (S0) #8 x 7/8" Truss Screws per bracket. (fig. 26.1 and 26.2)

B: Attach the third Narrow Angle Bracket centred on the middle slat with 2 (S0) #8 x 7/8" Truss Screws. (fig. 26.1 and 26.3)

Fig. 26.1

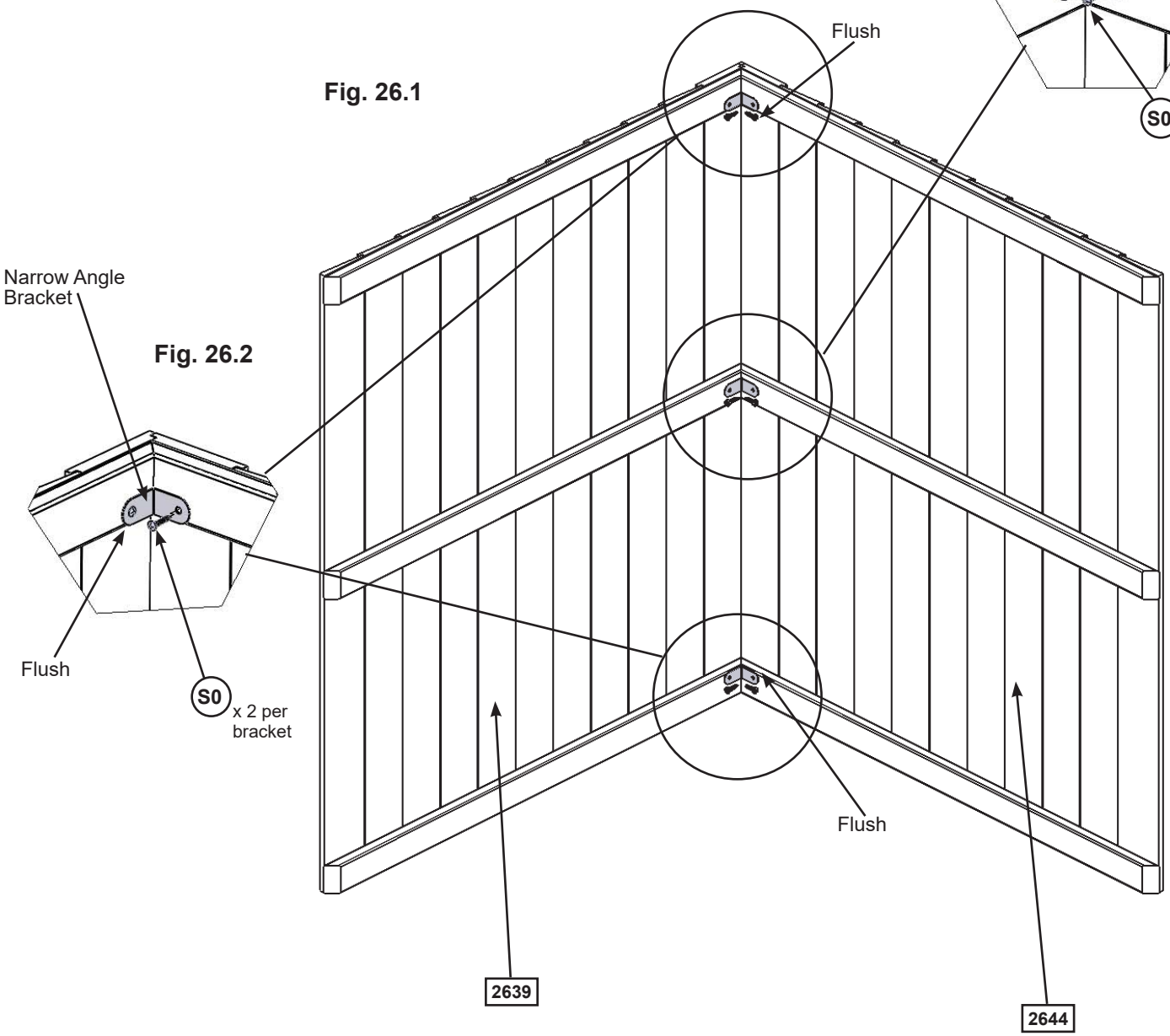
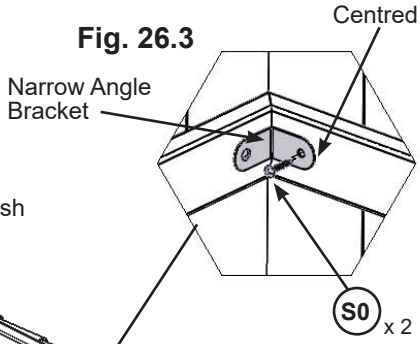


Fig. 26.2

Fig. 26.3



Wood Parts

1 x 2644 **Front Roof Panel 1-1/4 x 37 x 44"**
1 x 2639 **Back Roof Panel 1-1/4 x 36-3/4 x 44"**

Hardware

6 x S0 **#8 x 7/8" Truss Screw**

Other Parts

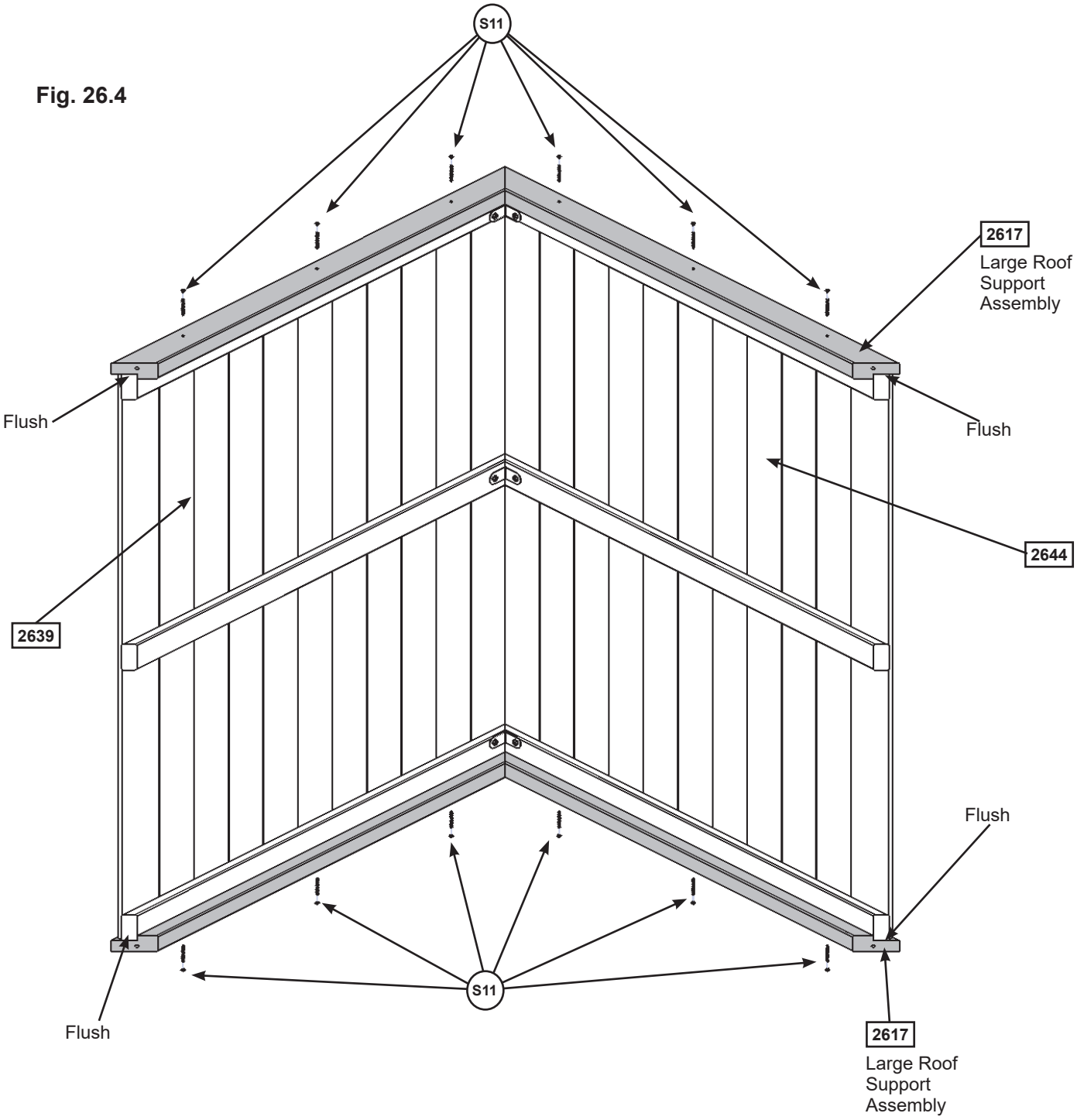
3 x Narrow Angle Bracket

Step 26: Large Roof Assembly Part 2

C: Place 1 Roof Support Assembly against one side so the peaks meet and the ends of the roof supports are flush with the ends of the roof panels. Attach with 6 (S11) #8 x 2” Wood Screws. (fig. 26.4)

D: Attach the second Roof Support Assembly on the opposite side, peaks to meet and ends are flush with 6 (S11) #8 x 2” Wood Screws. (fig. 26.4)

Fig. 26.4



Hardware

12 x (S11) #8 x 2” Wood Screw

Step 27: Attach Sky Gable

A: On each side of the Large Roof Assembly attach 2 Sky Gables to the inside of the (2617) Roof Supports with 4 (S5) #8 x 1/2" Pan Screws per gable. (fig. 27.1 and 27.2)

Fig. 27.1

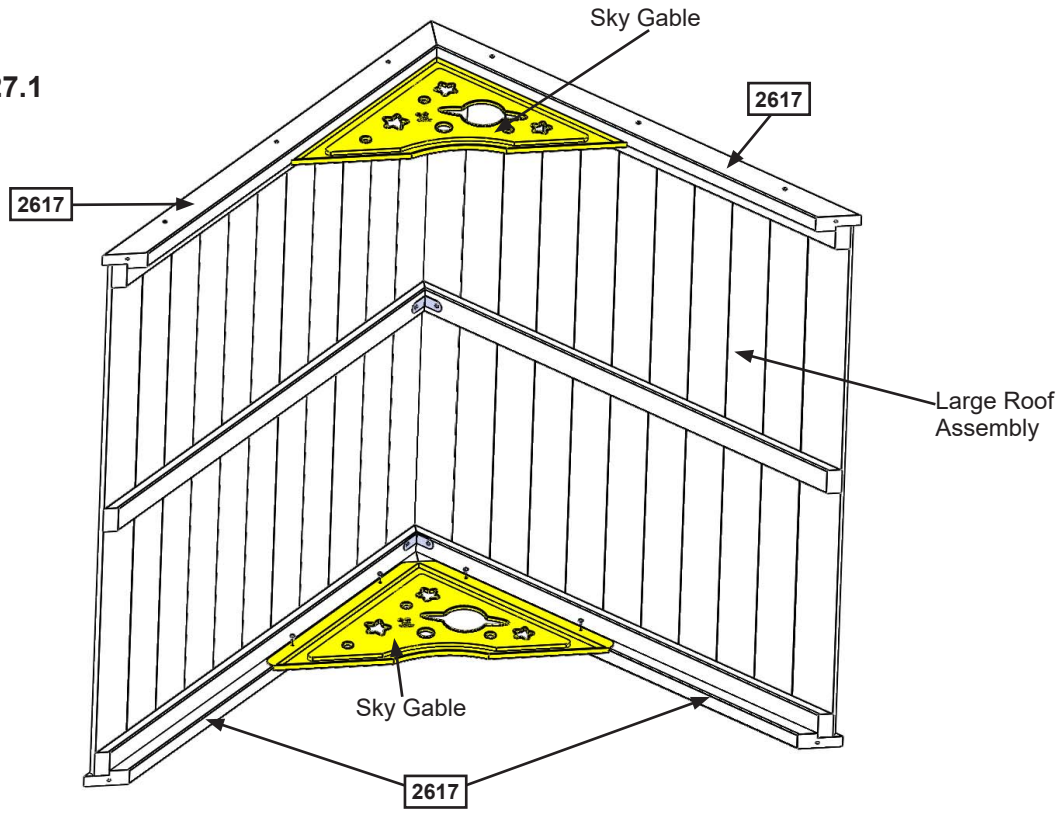
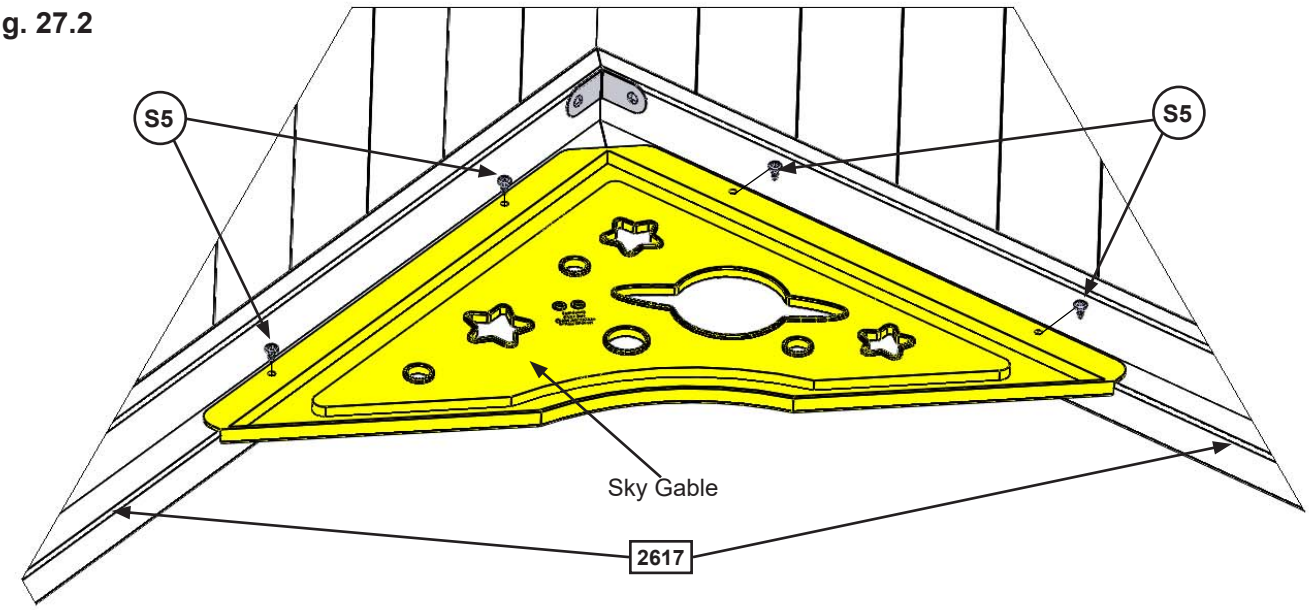


Fig. 27.2



Hardware	Other Parts
8 x (S5) #8 x 1/2" Pan Screw	2 x Sky Gable

Step 28: Small Roof Assemblies

A: Place (2672) Front Small Roof against (2671) Back Small Roof so the tops form a peak then tight to the inside edge of the outside slats attach 1 Narrow Angle Bracket per slat with 2 (S0) #8 x 7/8" Truss Screws per bracket. (fig. 28.1)

B: Place Small Roof Support Assembly against one side so the peaks meet and the ends of the roof supports are flush with the ends of the roof panels. Attach with 6 (S11) #8 x 2" Wood Screws. (fig. 28.1)

C: Attach 1 Sky Gable to the inside of the (2680) Roof Supports with 4 (S5) #8 x 1/2" Pan Screws. (fig. 28.2)

D: Repeat Steps A-C to create a second Small Roof Assembly.

Fig. 28.1

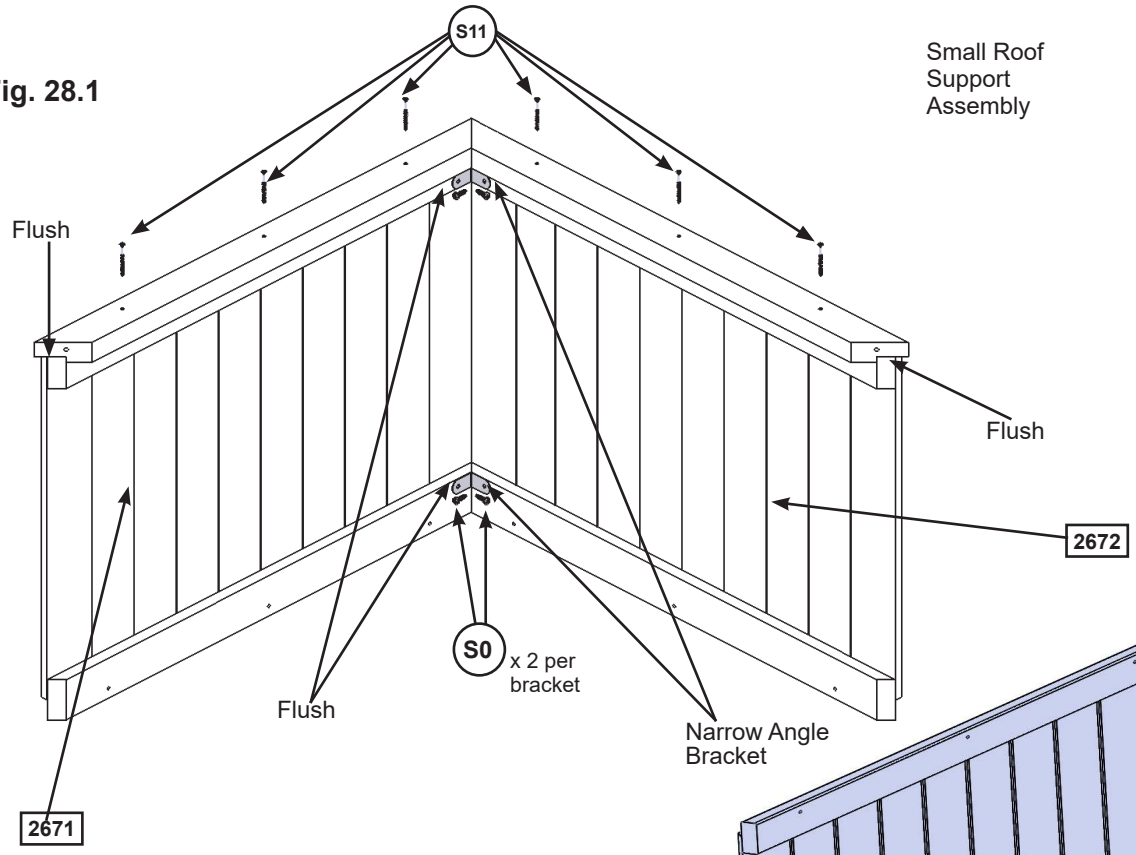
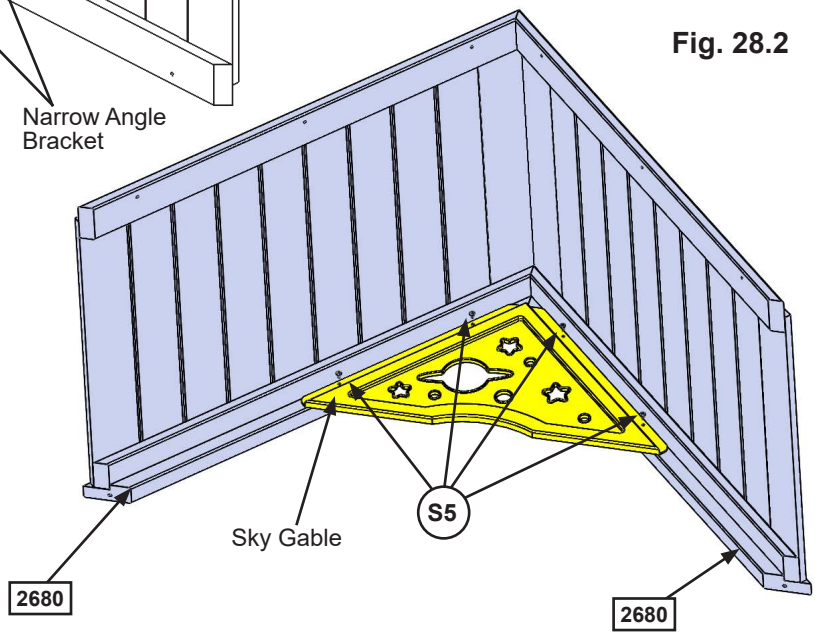


Fig. 28.2



Wood Parts

2 x 2672 **Front Small Roof 1-1/4 x 22-9/16 x 33-5/8"**
2 x 2671 **Back Small Roof 1-1/4 x 22-9/16 x 33-3/8"**

Hardware

12 x S11 **#8 x 2" Wood Screw**
8 x S0 **#8 x 7/8" Truss Screw**
8 x S5 **#8 x 1/2" Pan Screw**

Other Parts

4 x Narrow Angle Bracket
2 x Sky Gable

Step 29: Gable Dormer Assembly

A: Place (2699) Gable Dormer RT tight to (2689) Gable Dormer LT then place Sky Gable tight against the dormers and attach with 4 (S5) #8 x 1/2" Pan Screws. (fig. 29.1)

B: Attach (2699) Gable Dormer RT and (2689) Gable Dormer LT with 1 Narrow Angle Bracket using 2 (S5) #8 x 1/2" Pan Screws. (fig. 29.1 and 29.2)

Fig. 29.2

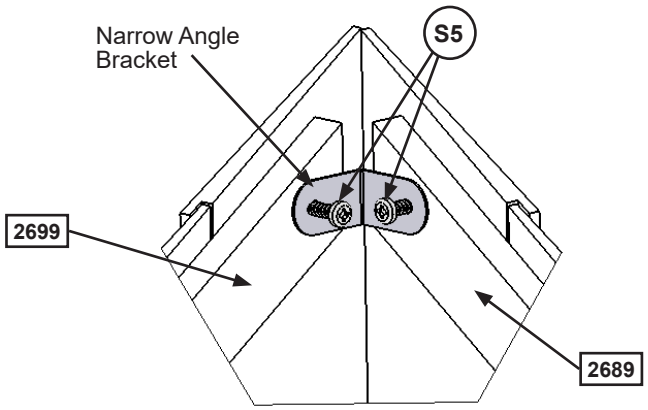
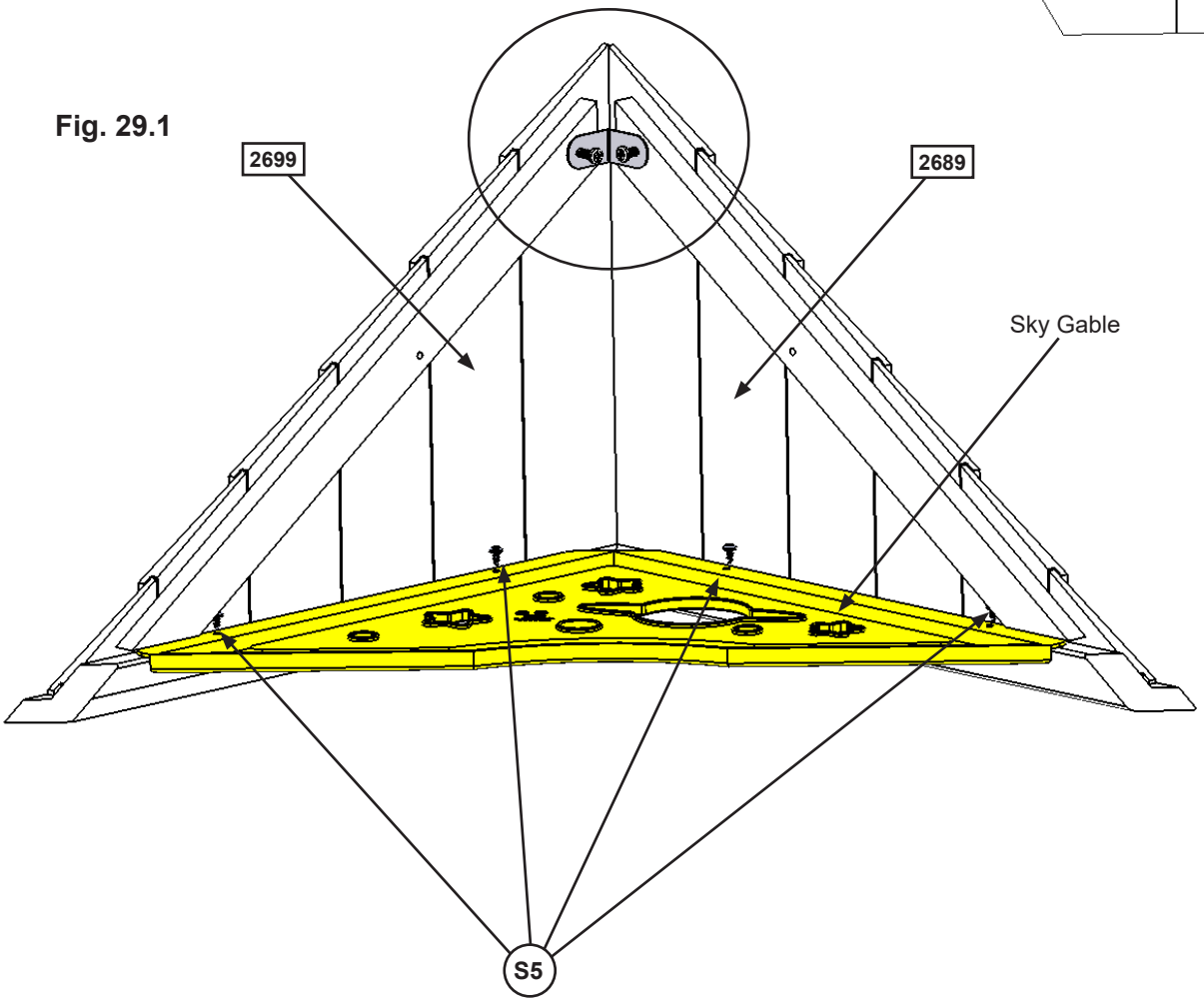


Fig. 29.1



Wood Parts	Hardware	Other Parts
1 x 2689 Gable Dormer LT 1-1/4 x 14.6 x 22"	6 x S5 #8 x 1/2" Pan Screw	1 x Narrow Angle Bracket
1 x 2699 Gable Dormer RT 1-1/4 x 14.6 x 22"		1 x Sky Gable

Step 30: Attach Gable Dormer to Roof

A: On the outside of the Large Roof Assembly on (2644) Front Roof Panel, on the 5th siding down, place (2688) Dormer Cleat centred on the panel (over the middle inside slat) then attach with 2 (S11) #8 x 2” Wood Screws. Make sure the screws go into the siding and the slats. (fig. 30.1)

B: Place completed Gable Dormer Assembly over (2688) Dormer Cleat and attach with 2 (S11) #8 x 2” Wood Screws (fig. 30.2 and 30.3)

Fig. 30.1

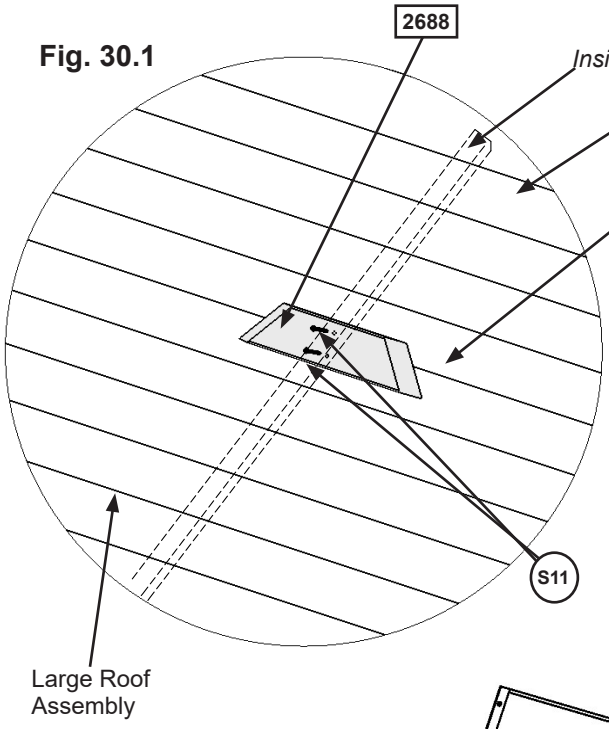


Fig. 30.2

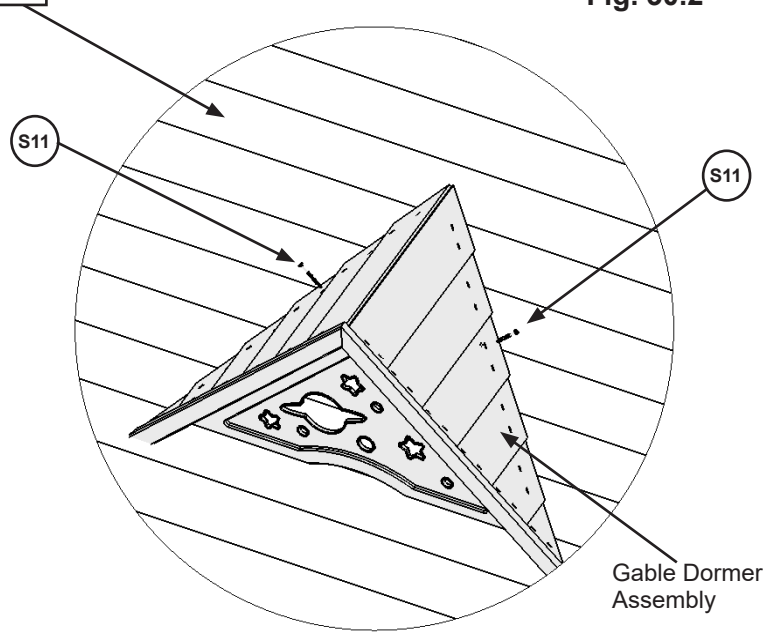
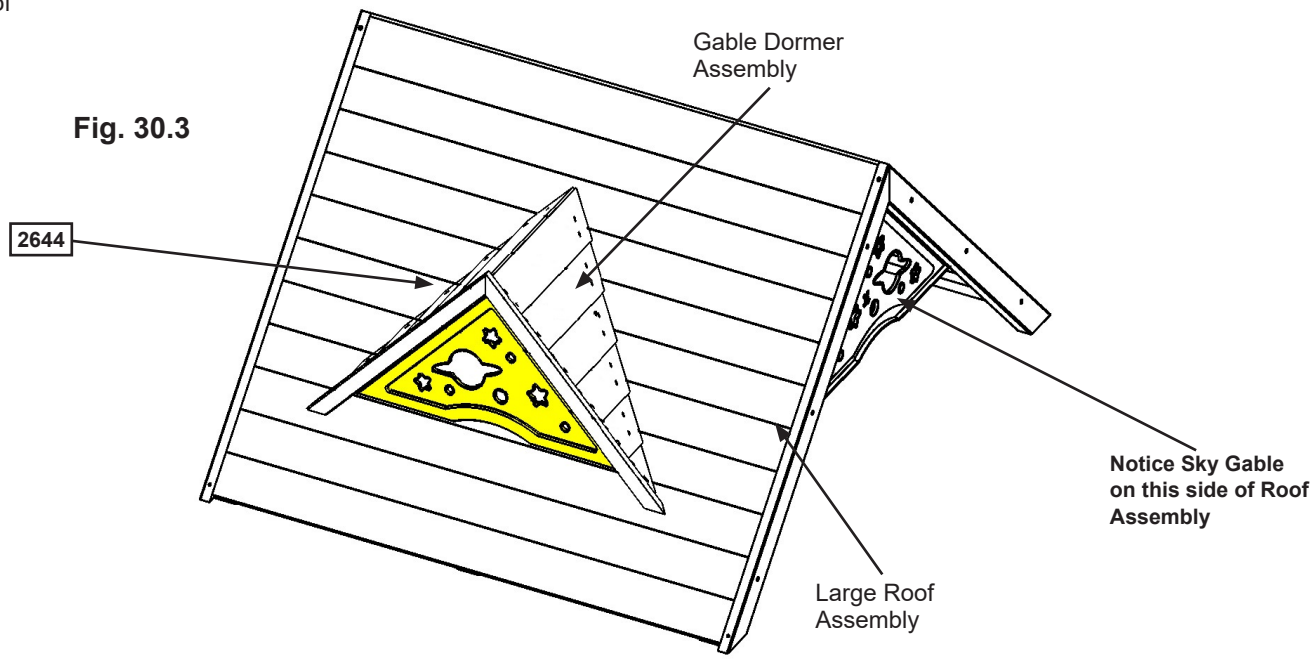


Fig. 30.3



Wood Parts

1 x 2688 **Dormer Cleat 1-1/4 x 3 x 12-3/4”**

Hardware

4 x S11 **#8 x 2” Wood Screw**

Step 31: Attach Roof Ends Part 1

A: On (2627) SW Wall Panel and (2622) End Panel Assembly place 1 (2646) Roof End flush to the top of the panel on the right hand side, measure overhang so it is 2-5/8” then attach with 3 (S11) #8 x 2” Wood Screws per board. (fig. 31.1, 31.2 and 31.3)

B: Repeat Step A for 2 (2647) Roof End Lefts. (fig. 31.1, 31.2 and 31.3)

Fig. 31.1

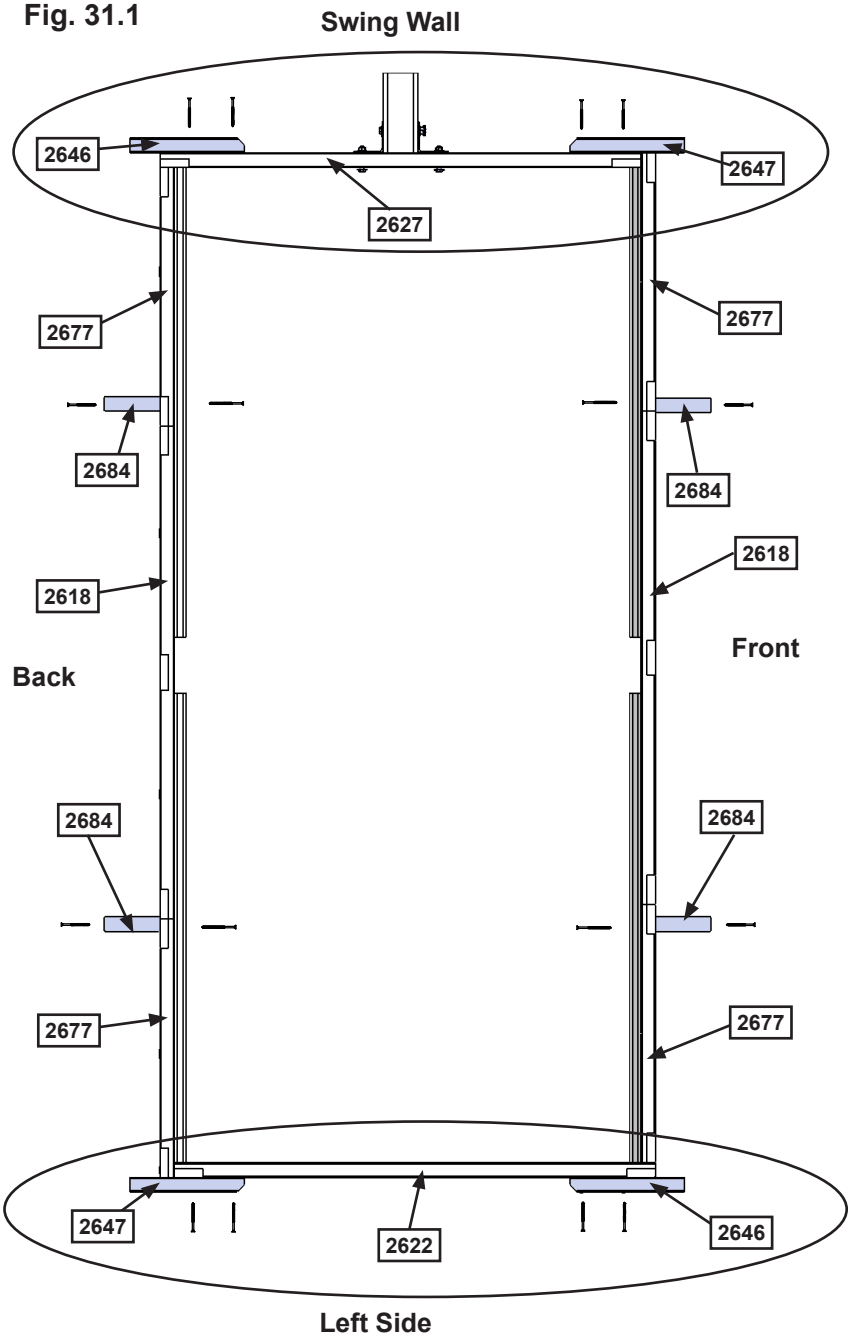


Fig. 31.2
Side View

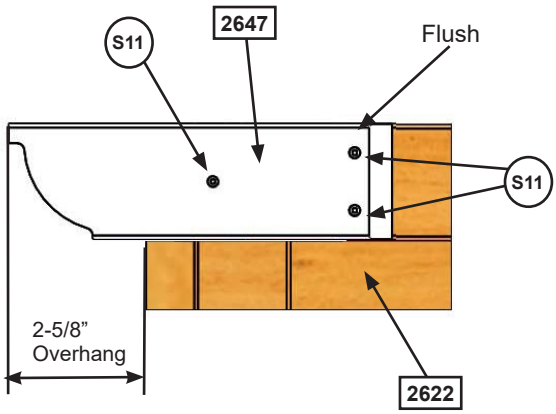
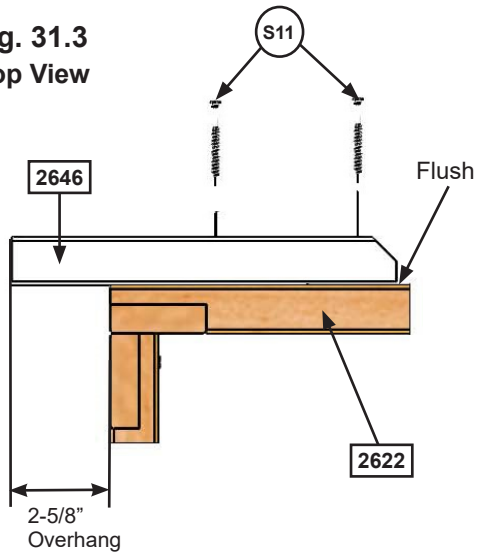


Fig. 31.3
Top View



Wood Parts

2 x 2646 Roof End 1-1/4 x 3 x 10”
2 x 2647 Roof End Left 1-1/4 x 3 x 10”

Hardware

12 x S11 #8 x 2” Wood Screw

Step 31: Attach Roof Ends Part 2

C: On the Back of the fort place 1 (2684) Mid Roof End flush to the top of each (2677) Narrow Panel centred over the pilot holes then measure 1-1/4" down from the top of the panel and attach from the inside with 1 (S4) #8 x 3" Wood Screw and from the outside with 1 (S3) #8 x 2-1/2" Wood Screw per Mid Roof End. (fig. 31.4 and 31.5)

D: On the Front of the fort place 1 (2684) Mid Roof End flush to the top of each (2677) Narrow Panel centred over the pilot holes then measure 1-1/4" down from the top of the panel and attach from the inside with 1 (S4) #8 x 3" Wood Screw and from the outside with 1 (S3) #8 x 2-1/2" Wood Screw per Mid Roof End. (fig. 31.4 and 31.6)

Fig. 31.4

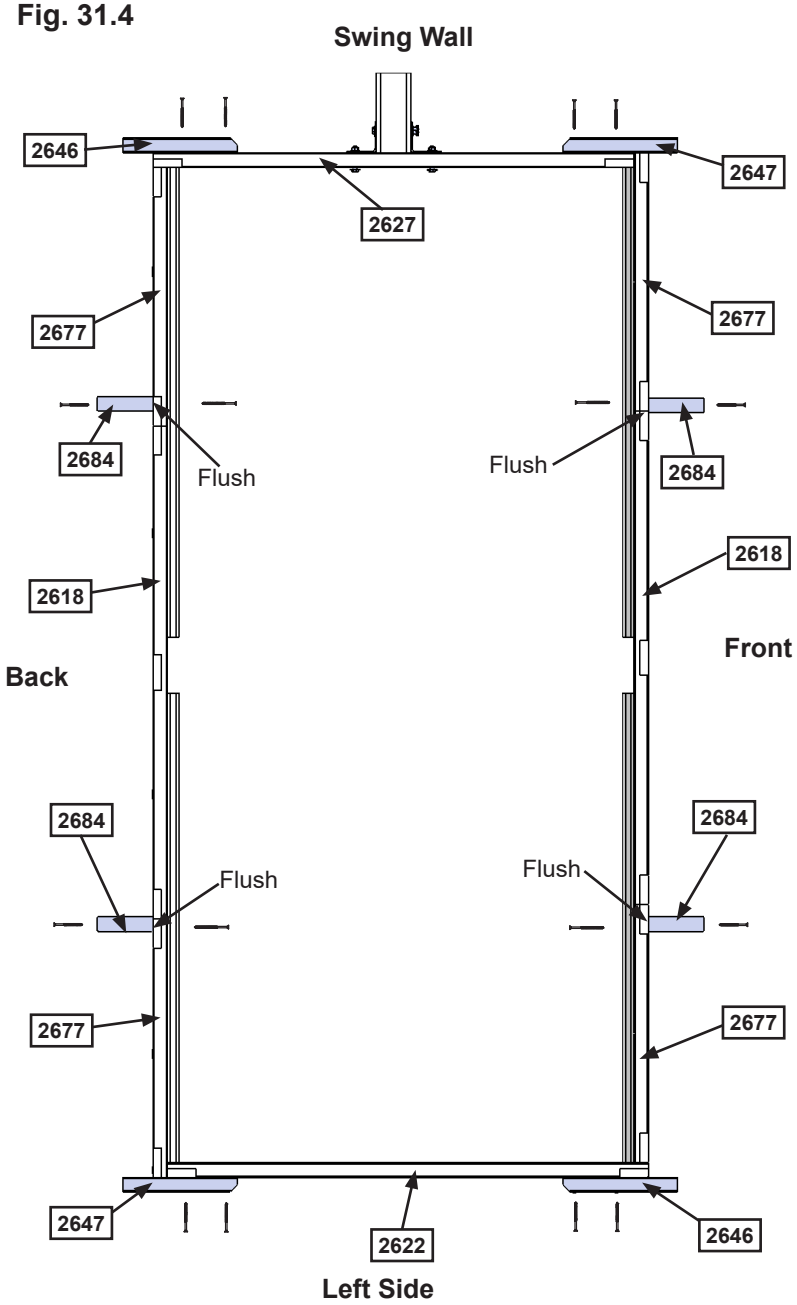


Fig. 31.5

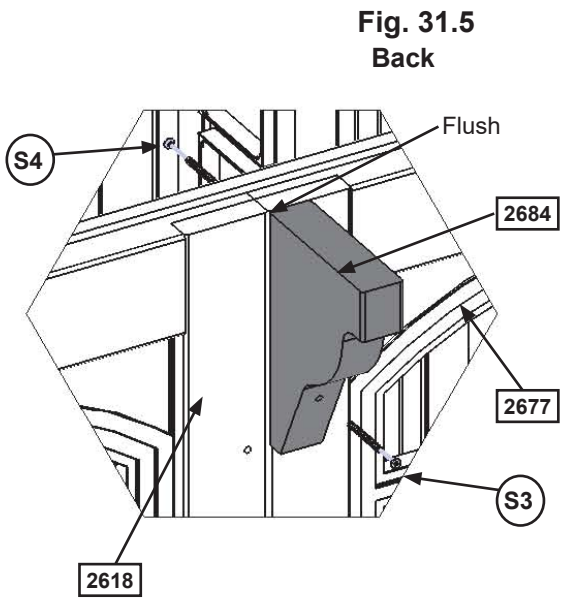
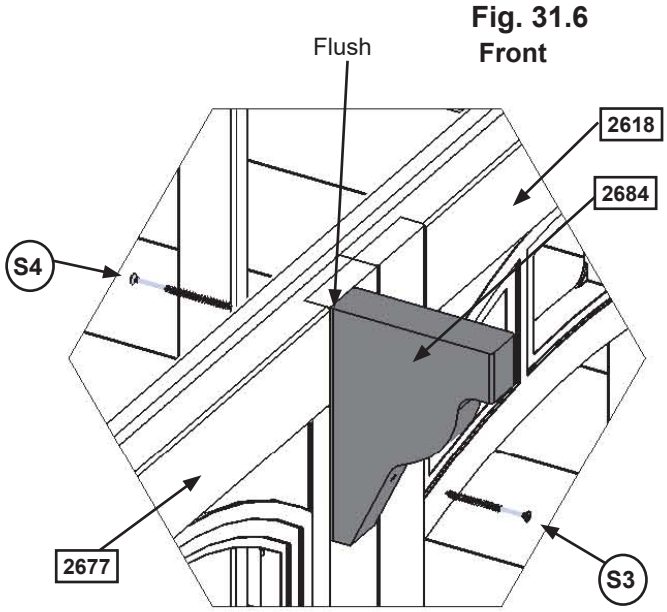


Fig. 31.6



Wood Parts

4 x 2684 **Mid Roof End 1-1/4 x 4-7/8 x 7"**

Hardware

4 x S3 **#8 x 2-1/2" Wood Screw**

4 x S4 **#8 x 3" Wood Screw**

Step 32: Upper Window Installation

A: On the Front and Back Walls place 1 (2683) Wall Tie tight to the top of the floor boards and 1/4" in from both sides of the centre board in each (2618) Front Back Panel then attach with 3 (S11) #8 x 2" Wood Screws. (fig. 32.1 and 32.2)

B: Tight to the top of each (2618) Front Back Panel over each (2683) Wall Tie place 1 (2802) Transom Window on each panel and attach with 1 (S11) #8 x 2" Wood Screw from the inside and 2 (S11) #8 x 2" Wood Screws from the outside per (2802) Transom Window. (fig. 32.1, 32.3 and 32.4)

Fig. 32.1

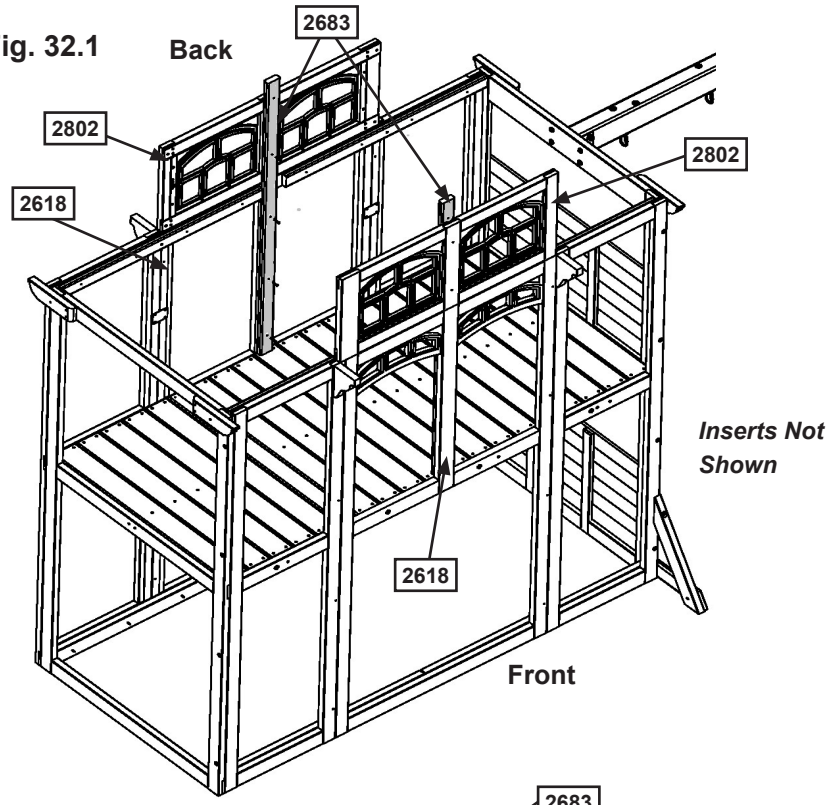


Fig. 32.2
Inside View

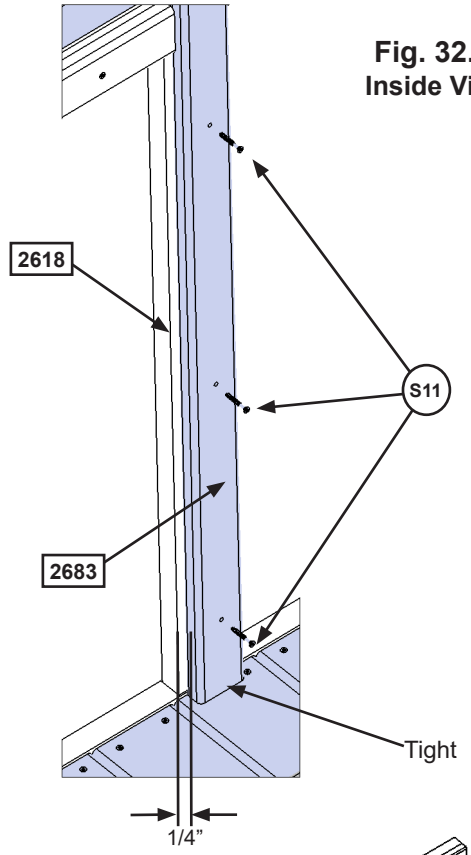


Fig. 32.3
Outside View

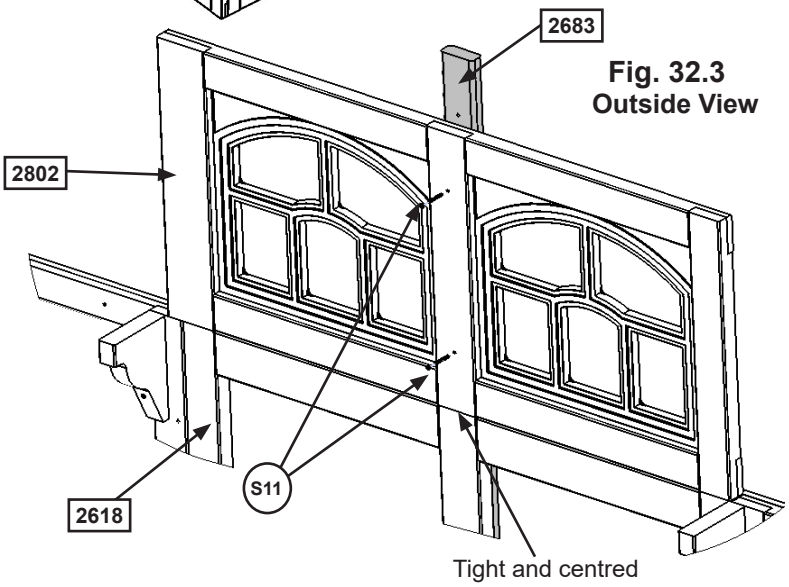
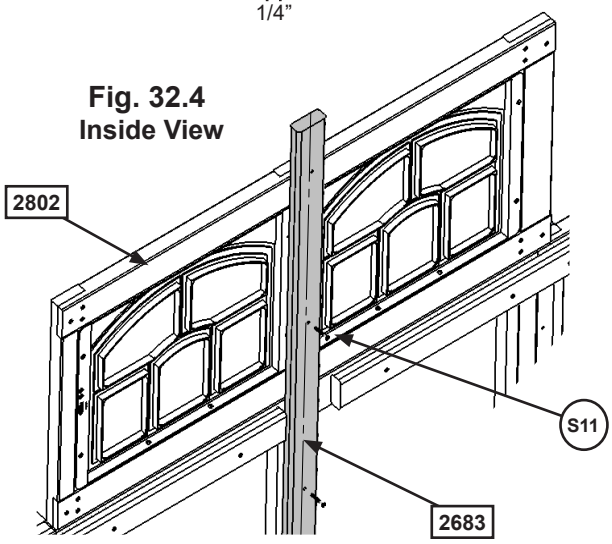


Fig. 32.4
Inside View



Wood Parts

2 x 2683 **Wall Tie 5/4 x 3 x 62-5/8"**

2 x 2802 **Transom Window 1-1/4 x 19 x 43""**

Hardware

12 x S11 **#8 x 2" Wood Screw**

Step 33: Mid Roof Support Assemblies

A: Attach 1 (2788) Mid Roof Support to a second (2788) Mid Roof Support at peak using 1 (S4) #8 x 3” Wood Screw. Repeat this step so there are 2 Mid Roof Support Assemblies. (fig. 33.1 and 33.2)

Fig. 33.1

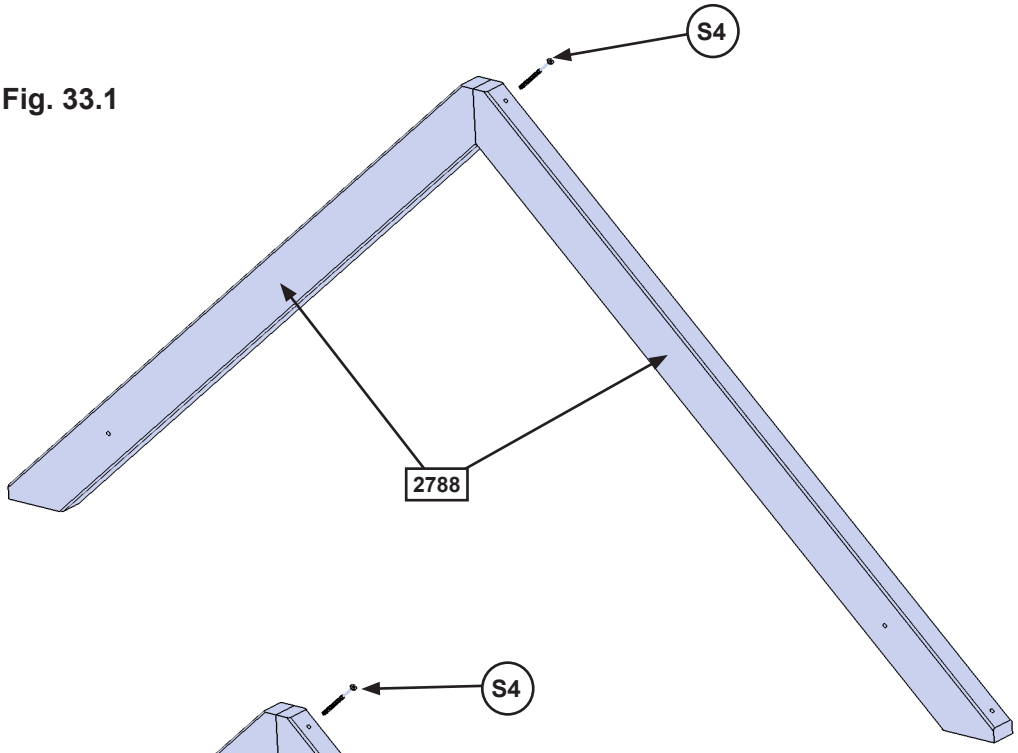
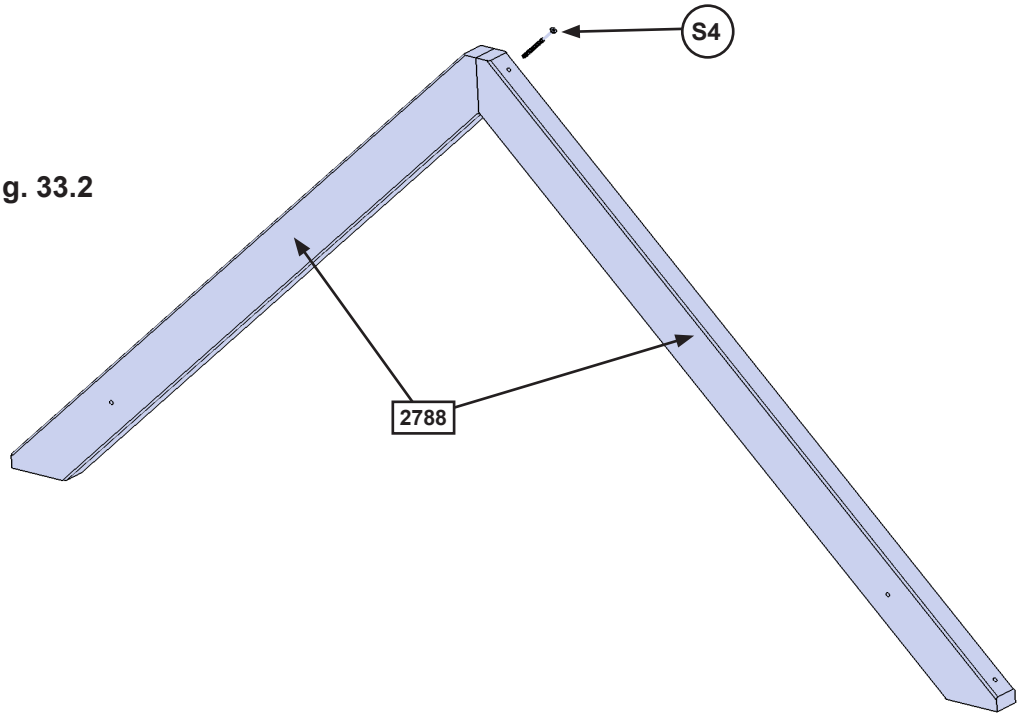


Fig. 33.2



Wood Parts

4 x 2788 **Mid Roof Support 1-1/4 x 2-1/2 x 37-1/8”**

Hardware

2 x S4 **#8 x 3” Wood Screw**

Step 34: Attach Mid Roof Support Assemblies

A: Place 1 Mid Roof Support Assembly on each side of the (2802) Transom Windows and flush to the ends of each (2684) Mid Roof End then attach to (2802) Transom Window using 2 (S3) #8 x 2-1/2" Wood Screws per (2788) Mid Roof Support and to each (2684) Mid Roof End with 1 (S4) #8 x 3" Wood Screw per side. (fig. 34.1 and 34.2)

Fig. 34.1

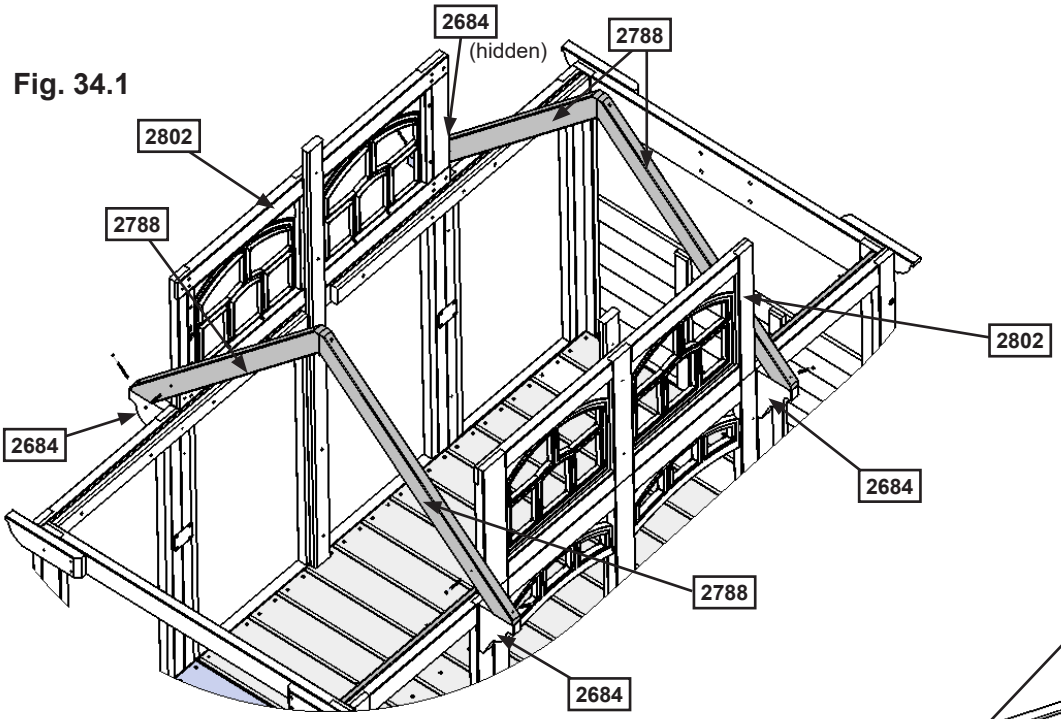
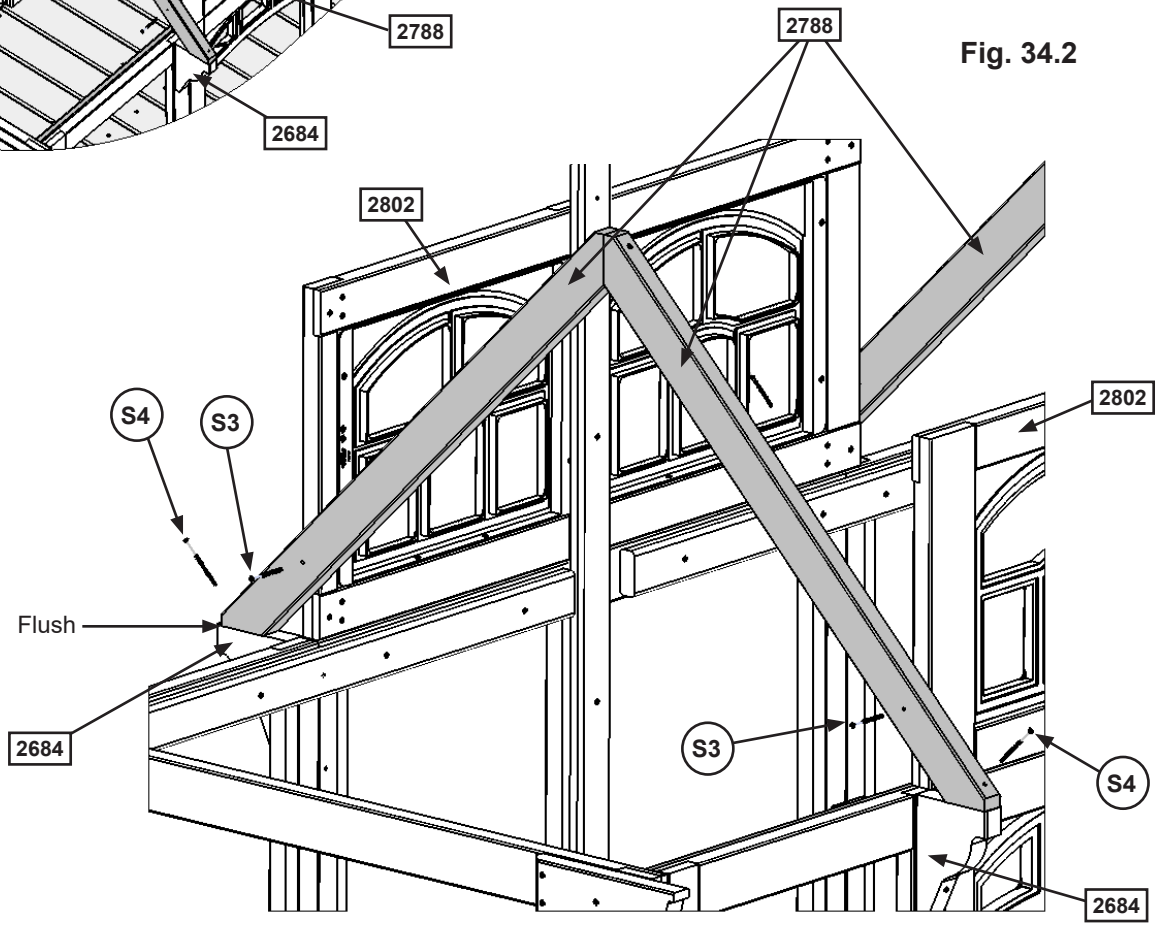


Fig. 34.2



Hardware

4 x (S3) #8 x 2-1/2" Wood Screw

4 x (S4) #8 x 3" Wood Screw

Step 35: Attach Long Roof Ends

A: Place 1 (2793) Long Roof End tight to each (2788) Mid Roof Support and flush to the top of (2802) Transom Window. Make sure (2793) Long Roof End is level and the overhang at each end meaures 4-7/8", then attach to (2788) Mid Roof Supports with 1 (S3) #8 x 2-1/2" Wood Screws and 1 (S4) #8 x 3" Wood Screw per support and to each side of the (2802) Transom Windows using 2 (S3) #8 x 2-1/2" Wood Screws per side. (fig. 35.1 and 35.2)

Fig. 35.1

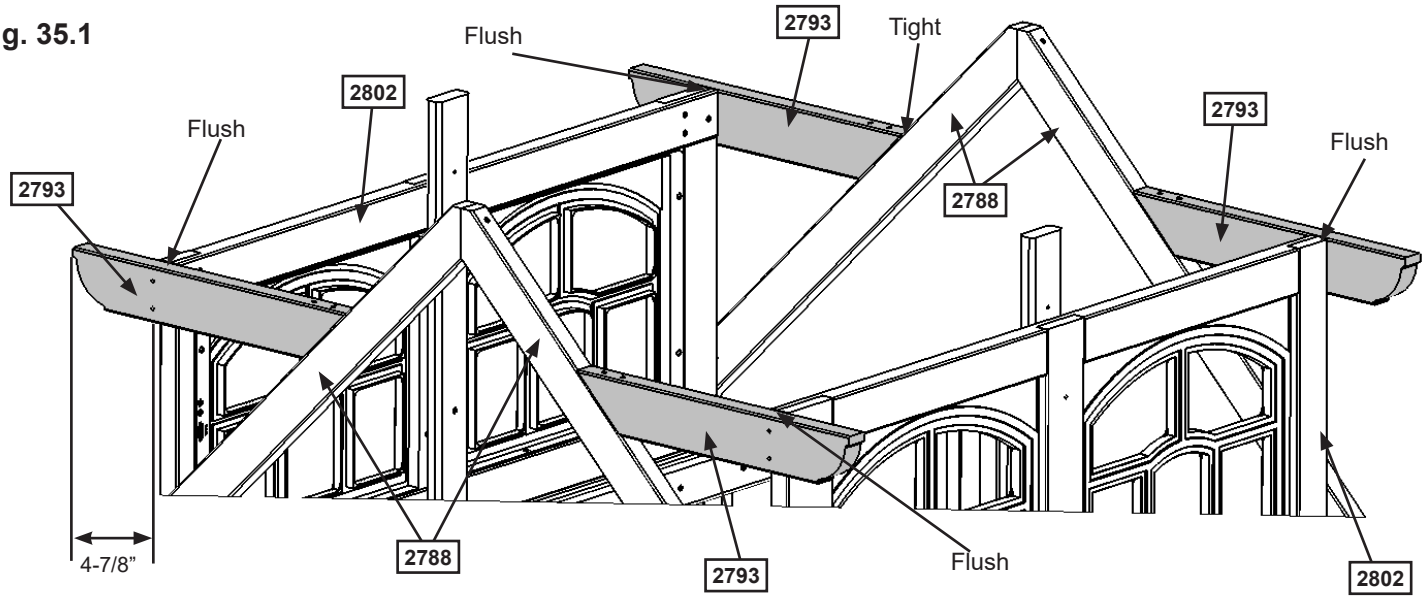
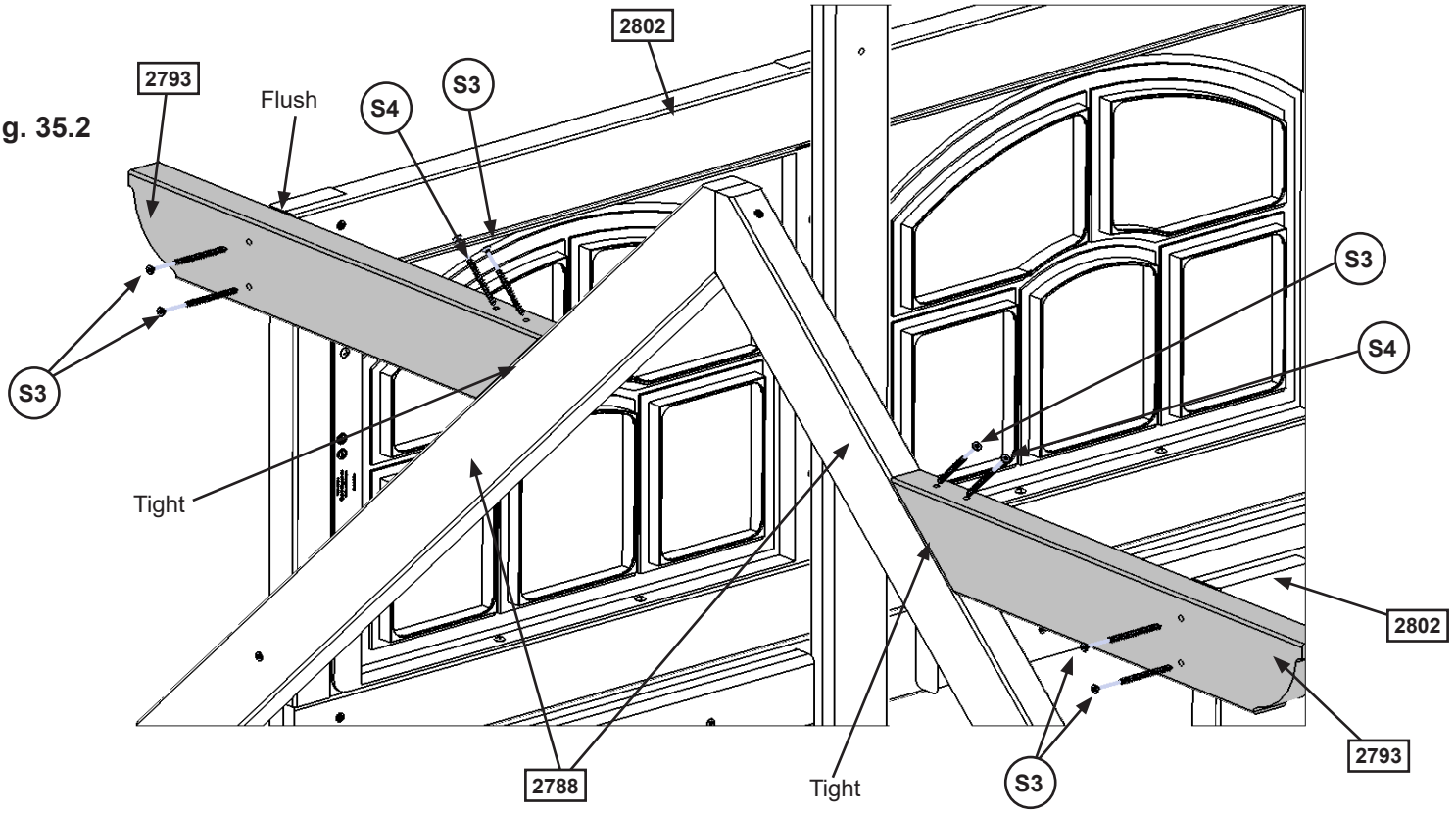


Fig. 35.2



Wood Parts

4 x 2793 Long Roof End 1-1/4 x 3 x 18-3/4"

Hardware

12 x S3 #8 x 2-1/2" Wood Screw

4 x S4 #8 x 3" Wood Screw

Step 36: Attach Transom Boards

A: Tight to (2802) Transom Window and flush to the bottom of (2788) Mid Roof Support attach 1 (2790) Transom Board A to (2788) Mid Roof Support and (2793) Long Roof End with 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 36.1 and 36.2)

B: Tight to (2790) Transom Board A and flush to the bottom of (2788) Mid Roof Support attach 1 (2791) Transom Board B to (2788) Mid Roof Support and (2793) Long Roof End with 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 36.1 and 36.2)

C: Repeat Steps A and B for all 4 corners.

Fig. 36.1

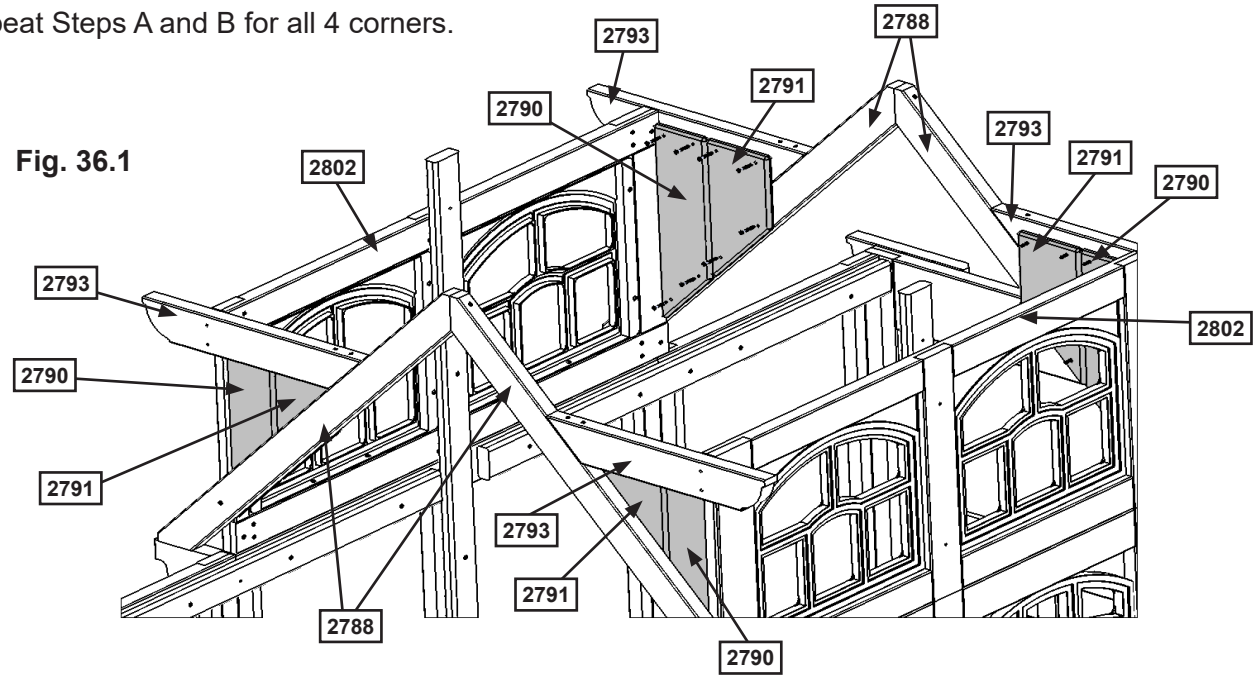
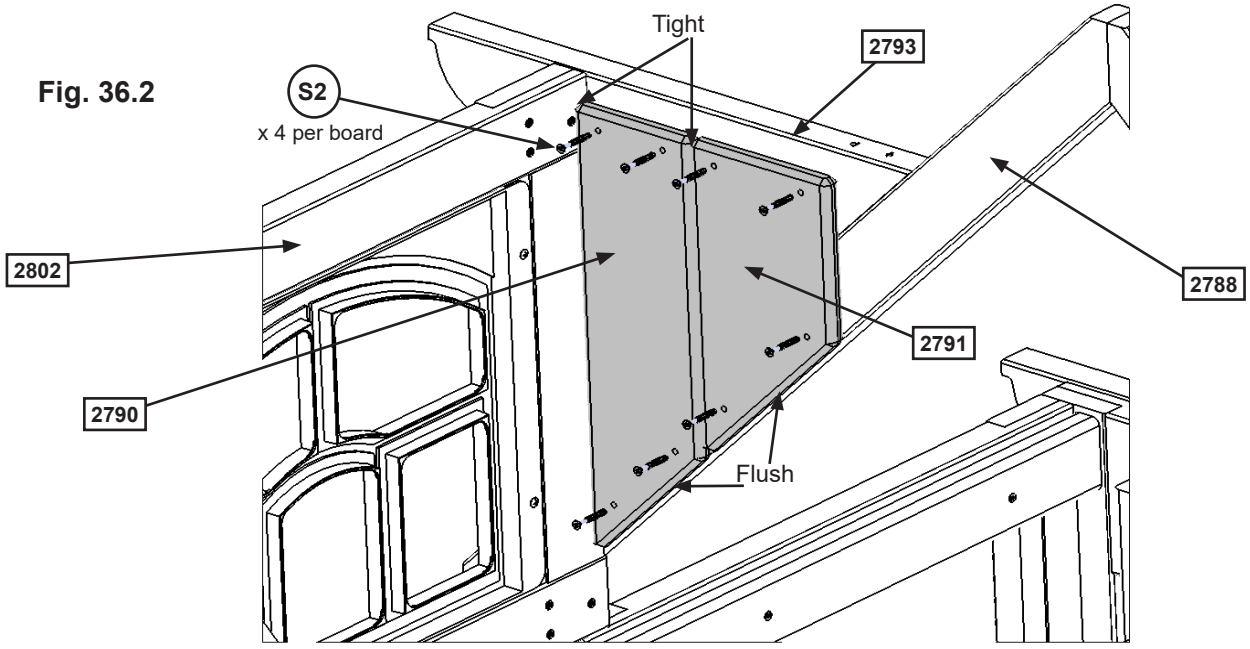


Fig. 36.2



Wood Parts	Hardware
4 x 2790 Transom Board A 1 x 5 x 15-1/2"	32 x S2 #8 x 1-1/2" Wood Screw
4 x 2791 Transom Board B 1 x 6 x 11"	

Step 37: Attach Roof Assemblies to Fort Part 1

A: With 2 people on the ground and at least 1 person in the fort, lift one Small Roof Assembly up and over the Back side of the fort. Guide the Small Roof Assembly onto the fort so it slides under one of the Mid Roof Support Assemblies and the (2788) Mid Roof Supports sit tight to the siding on the Small Roof Assembly. The front of the Small Roof Assembly should be flush to the front of each (2646) Roof End and (2647) Roof End Left. (fig. 37.1 and 37.2)

B: Attach Small Roof Assembly to Mid Roof Support Assembly from inside with 3 (S2) #8 x 1-1/2" Wood Screws per side. Screws to go into (2788) Mid Roof Supports. (fig. 37.2)

C: Repeat Steps A and B for the second Small Roof Assembly.

Fig. 37.1

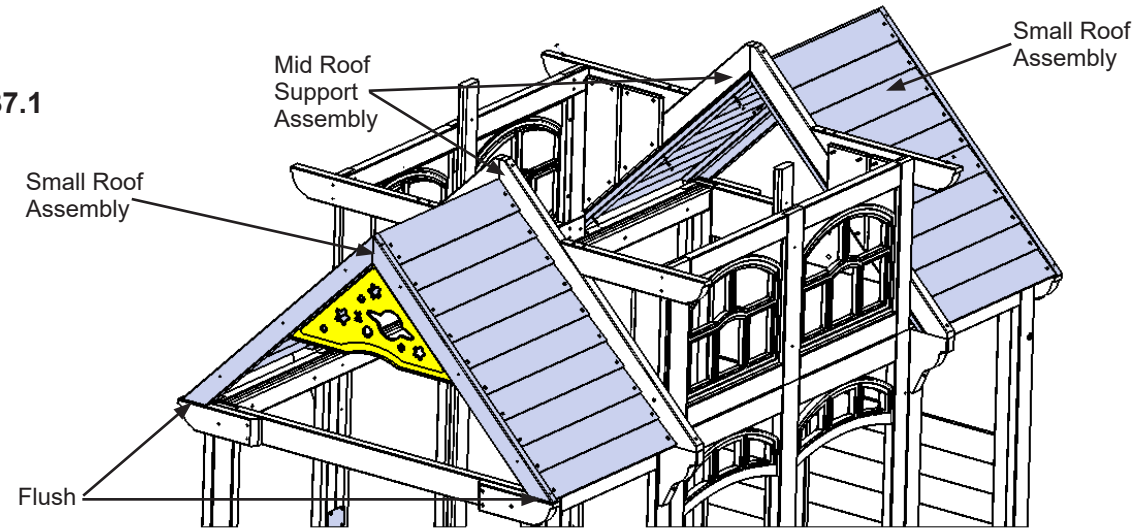
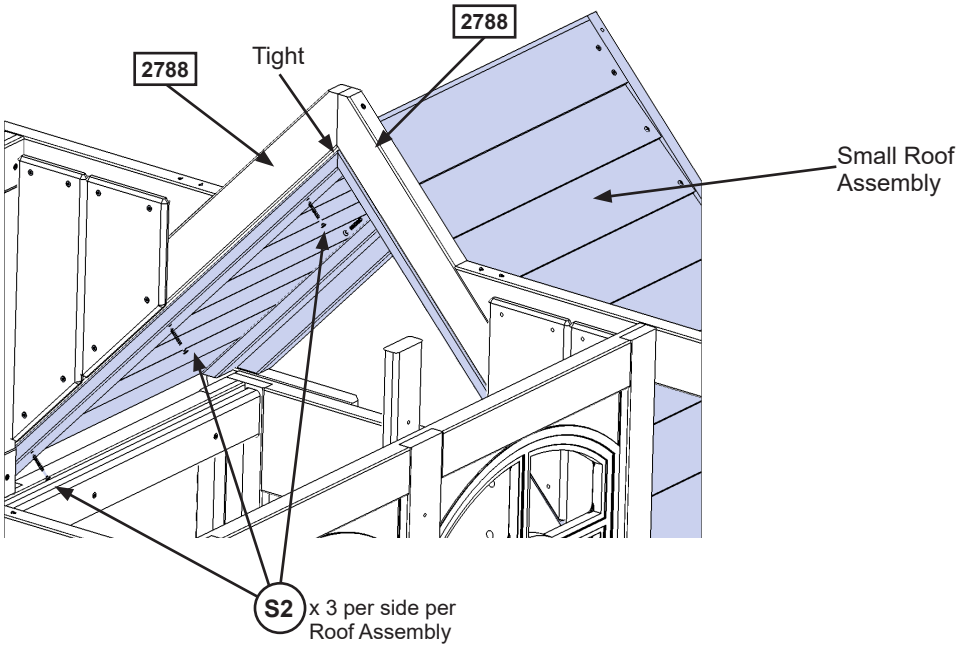


Fig. 37.2



Hardware

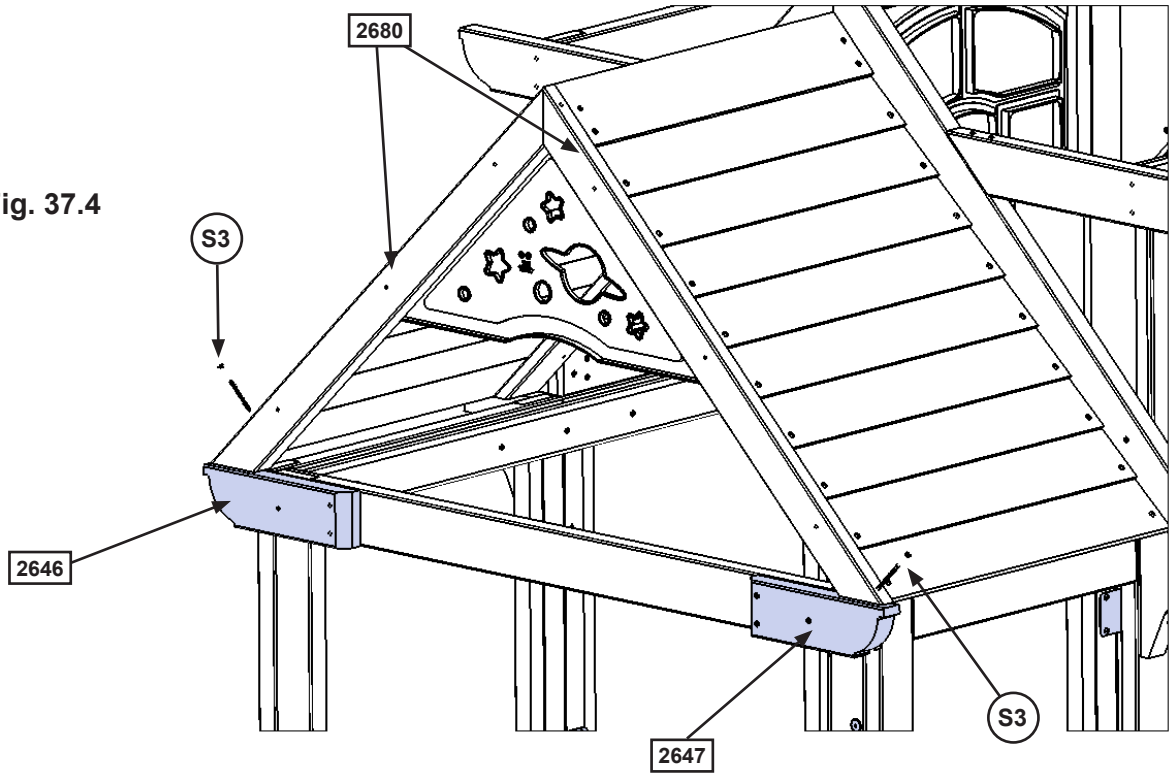
12 x (S2) #8 x 1-1/2" Wood Screw

Step 37: Attach Roof Assemblies to Fort Part 2

D: Attach (2680) Roof Supports to (2646) Roof Ends and (2647) Roof End Lefts with 1 (S3) #8 x 2-1/2” Wood Screw per support. (fig. 37.3 and 37.4)

Fig. 37.3

Fig. 37.4



Hardware

4 x (S3) #8 x 2-1/2” Wood Screw

Step 37: Attach Roof Assemblies to Fort Part 3

E: With 2 people on the ground and at least 1 person in the fort, lift the Large Roof Assembly up and over the Back side of the fort. Guide the Roof Assembly onto the fort so all four (2617) Roof Supports sit flush to the front and outside edges of each (2793) Long Roof End. (fig. 37.5 and 37.6)

F: Attach (2617) Roof Supports to each (2793) Long Roof End with 1 (S3) #8 x 2-1/2" Wood Screw per support. (fig.37.5 and 37.6)

Fig. 37.5

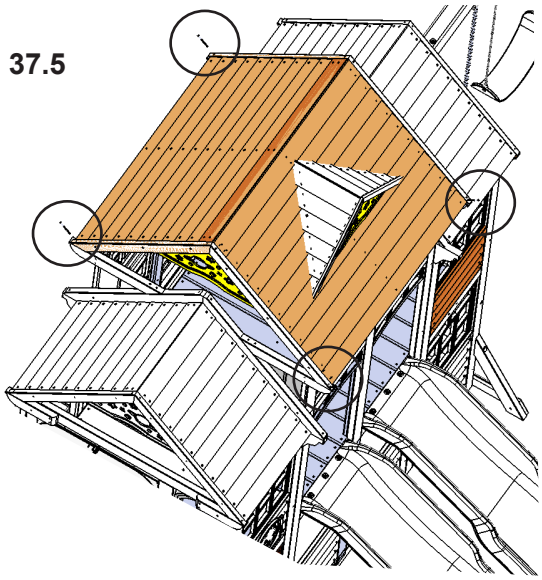
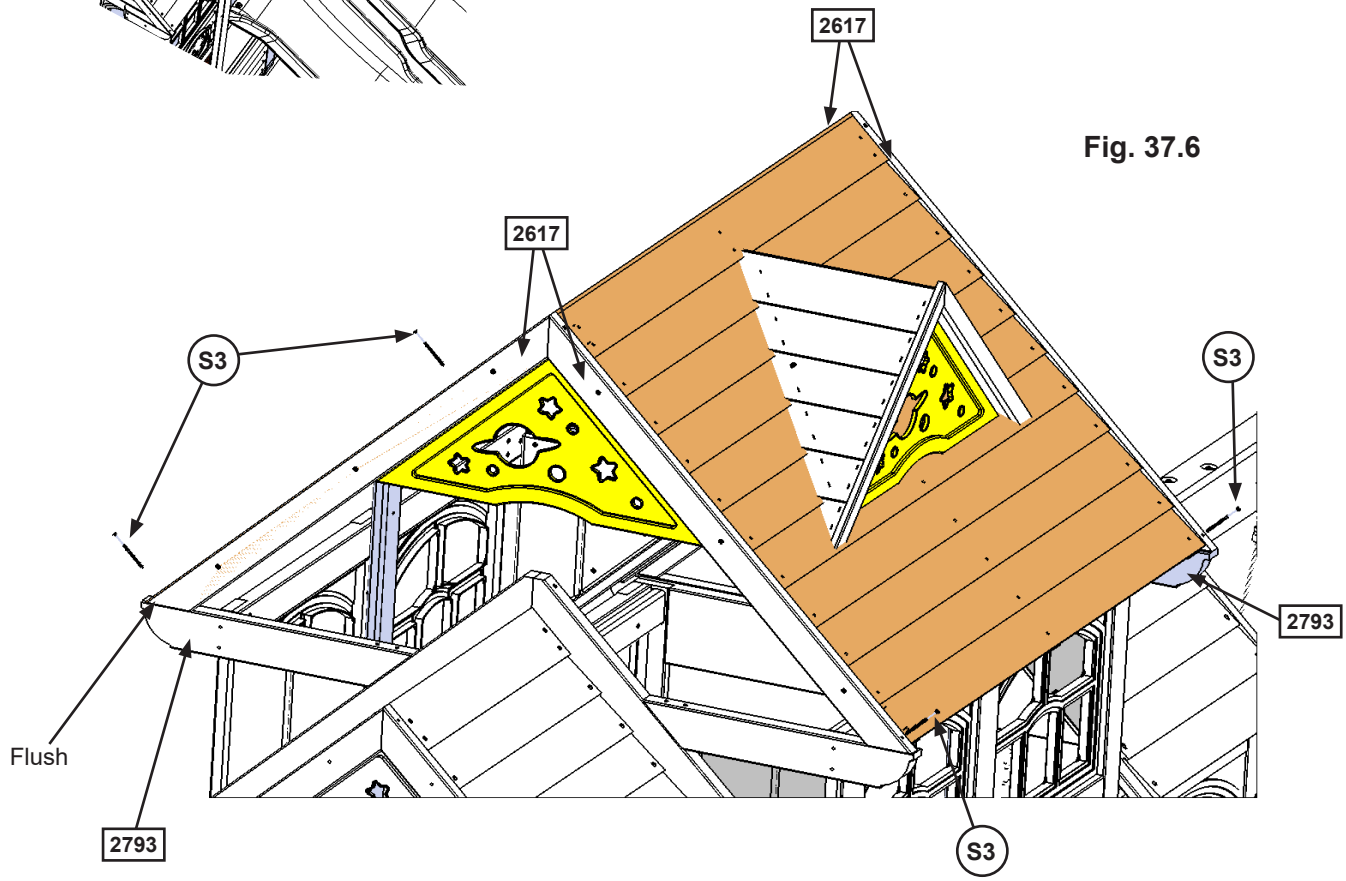


Fig. 37.6



Hardware

4 x (S3) #8 x 2-1/2" Wood Screw

Step 37: Attach Roof Assemblies to Fort
Part 4

G: Attach each (2683) Wall Tie to the middle roof rafters of the Large Roof Assembly with 1 Spiral Wave Bracket and 3 (S8) #12 x 3/4" Pan Screws per side. (fig. 37.7 and 37.8)

Fig. 37.7

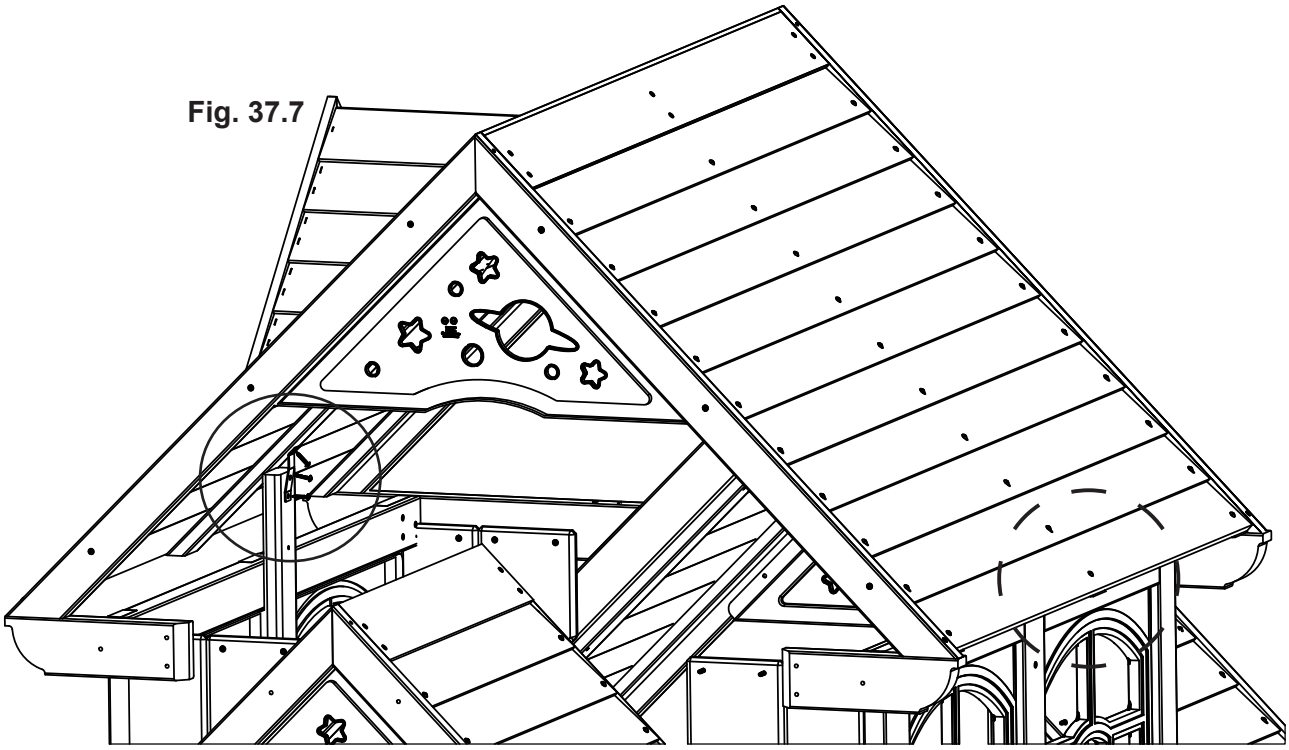
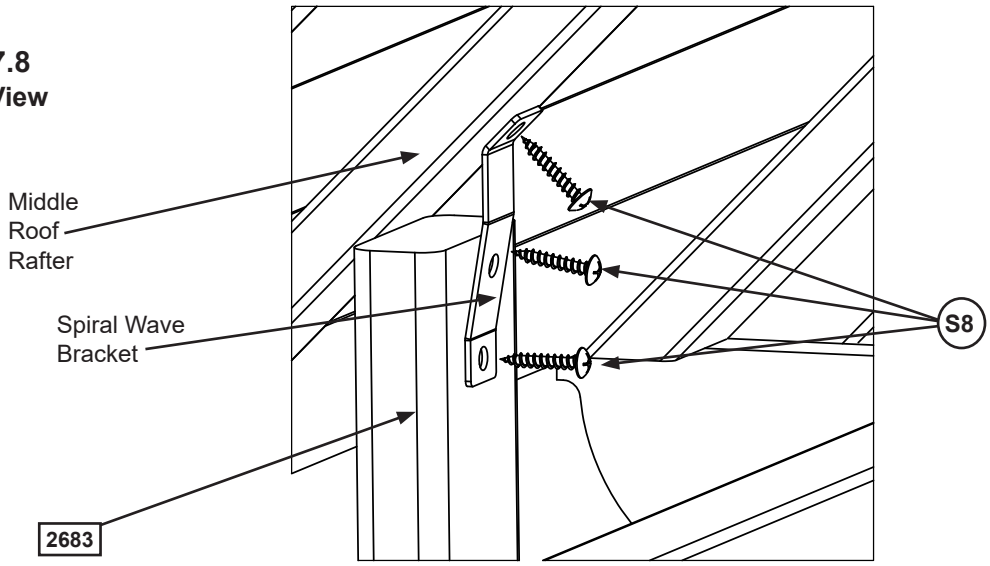


Fig. 37.8
Inside View



Hardware

6 x (S8) #12 x 3/4" Pan Screw

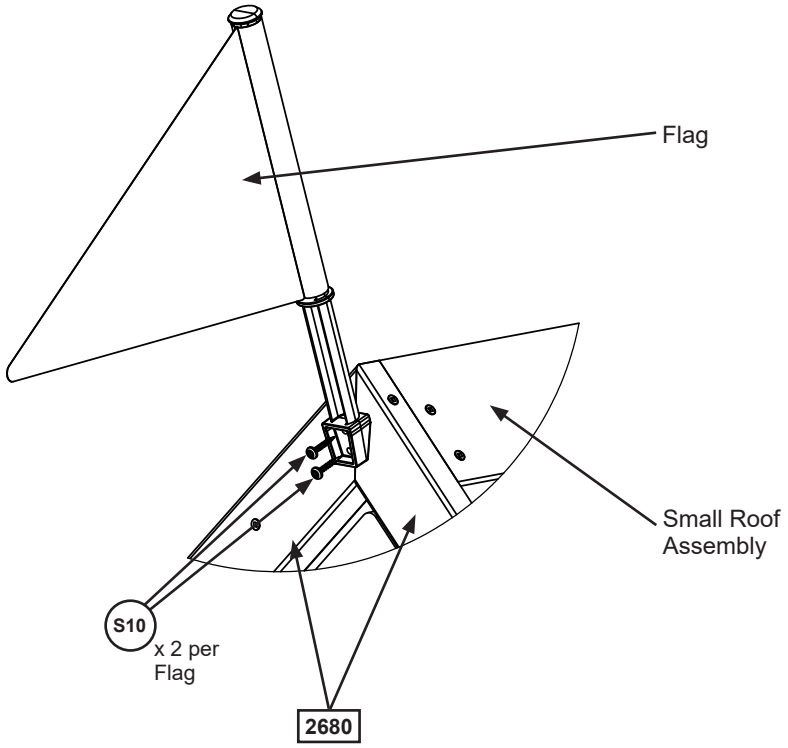
Other Parts

2 x Spiral Wave Bracket

Step 38: Attach Flags

A: Place 1 Flag at the peak of each Small Roof Assembly and attach to (2680) Roof Supports with 2 (S10) #8 x 1" Pan Screws per flag. (fig. 38.1)

Fig. 38.1



Hardware

4 x (S10) #8 x 1" Pan Screw

Other Parts

2 x Flag

Adventure Tower Assembly
Step 39: Upper Frame Assembly

A: Place 1 (6012) Short Post and 1 (6000) Upper Post side by side with the (6012) Short Post on the left side making sure that the notched out end is at the bottom and facing the outside. Place (6023) Roof Side at the top of the posts so that it's flush and attach using 2 (H2) ¼ x 2" Hex Bolts (with lock washer, flat washer and t-nuts). (Fig. 39.1)

B: Place (6029) Side Top so it lines up with the lower pre-drilled holes on the posts and attach using 2 (H2) ¼ x 2" Hex Bolts (with lock washer, flat washer and t-nuts). (Fig. 39.1)

C: To make a second partial upper frame assembly place 1 (6012) Short Post and 1 (6000) Upper Post side by side with the (6012) Short Post on the right side, notched side facing out and the (6000) Upper Post on the left side. Place (6023) Roof Side at the top of the posts making sure it's flush and attach using 2 (H2) 1/4x 2" Hex Bolts (with lock washer, flat washer and t-nuts). (Fig. 39.2)

D: Place (6030) Tunnel Side Top so it lines up with the lower pre-drilled holes on the posts and attach using 2 (H2) ¼ x 2" Hex Bolts (with lock washer, flat washer and t-nuts). (Fig. 39.2)

Set the upper assemblies aside, they will not be used until a later step.

Fig. 39.1

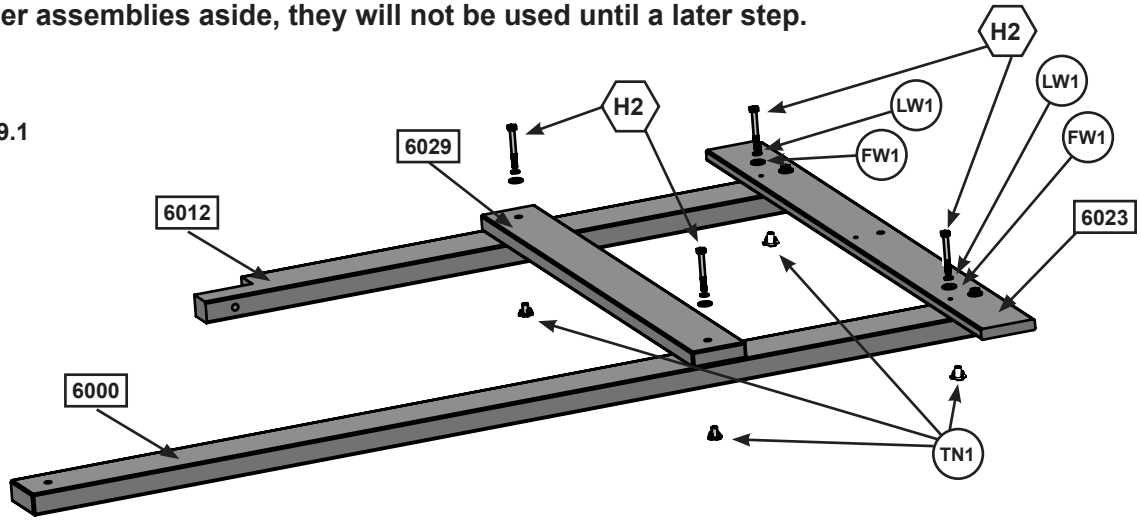
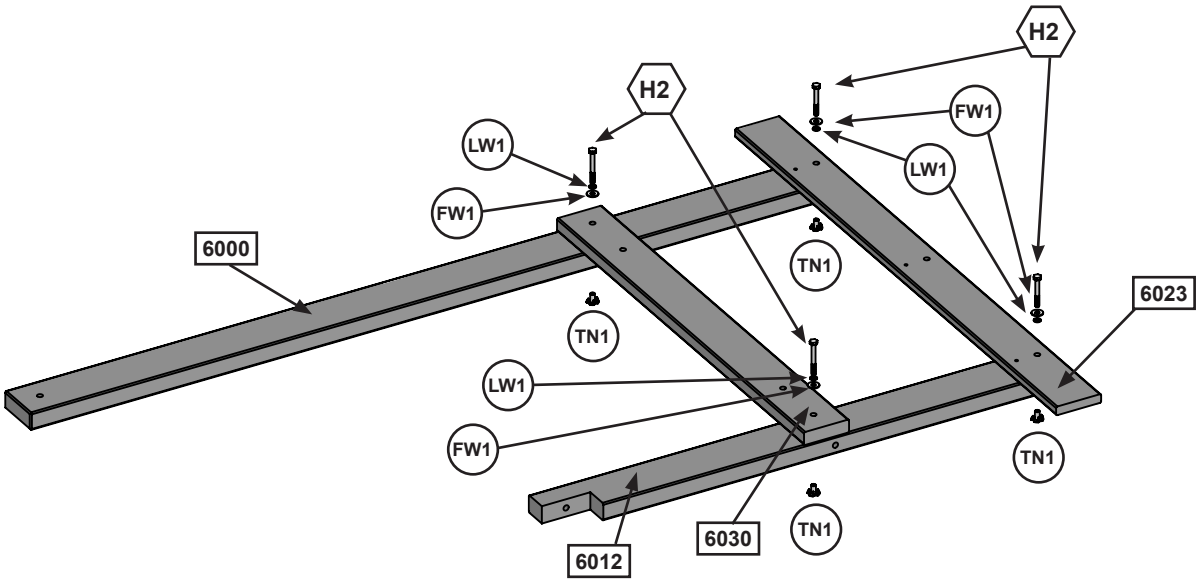


Fig. 39.2



Wood Parts

- 2 x 6000 Upper Post 1-1/4 x 3-1/4 x 58-7/8"
- 2 x 6012 Short Post 1-1/4 x 3-1/4 x 36-3/4"
- 2 x 6023 Roof Side 5/8 x 3-1/4 x 40-1/8"
- 1 x 6029 Side Top 15/16 x 3-1/4 x 30-7/8"
- 1 x 6030 Tunnel Side Top 15/16 x 3-1/4 x 30-7/8"

Hardware

- 8 x H2 1/4 x 2" Hex Bolt (LW1, FW1, TN1)

Step 40: Lower Frame Assembly
Part 1

A: Place 1 (6002) Long Post and 1 (6026) Rock Rail side by side with the (6002) Long Post on the left side making sure that the notched out end is at the top and on the inside. It is important to ensure that the angled cut on the (6026) Rock Rail is at the top, facing inwards towards the (6002) Long Post. Place 1 (6020) Short Ground across the bottom of both pieces so that it's flush with the ends of the (6002) Long Post and the (6026) Rock Rail. Attach using 2 (H2) ¼ x 2" Hex Bolts (with lock washer, flat washer and t-nuts). (Fig. 40.2)

B: From the underside of the assembly place 1 (6017) Floor Support making sure the pre-drilled holes match what is shown on fig.(Fig. 40.2). Attach using 2 (H3) ¼ x 2-1/2" Hex Bolts (with lock washer, flat washer and t-nuts). (Fig. 40.1 & Fig. 40.2)

Fig. 40.1

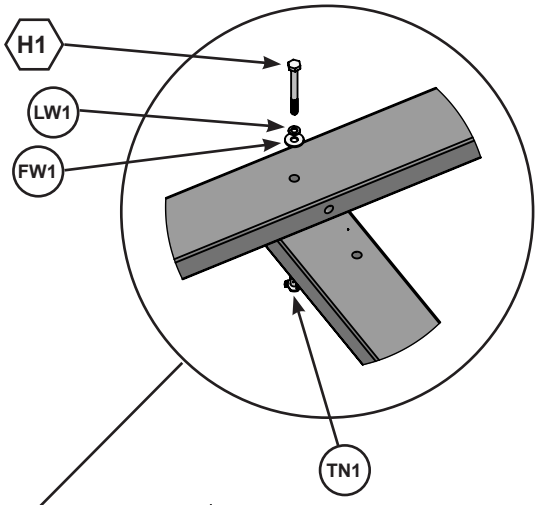
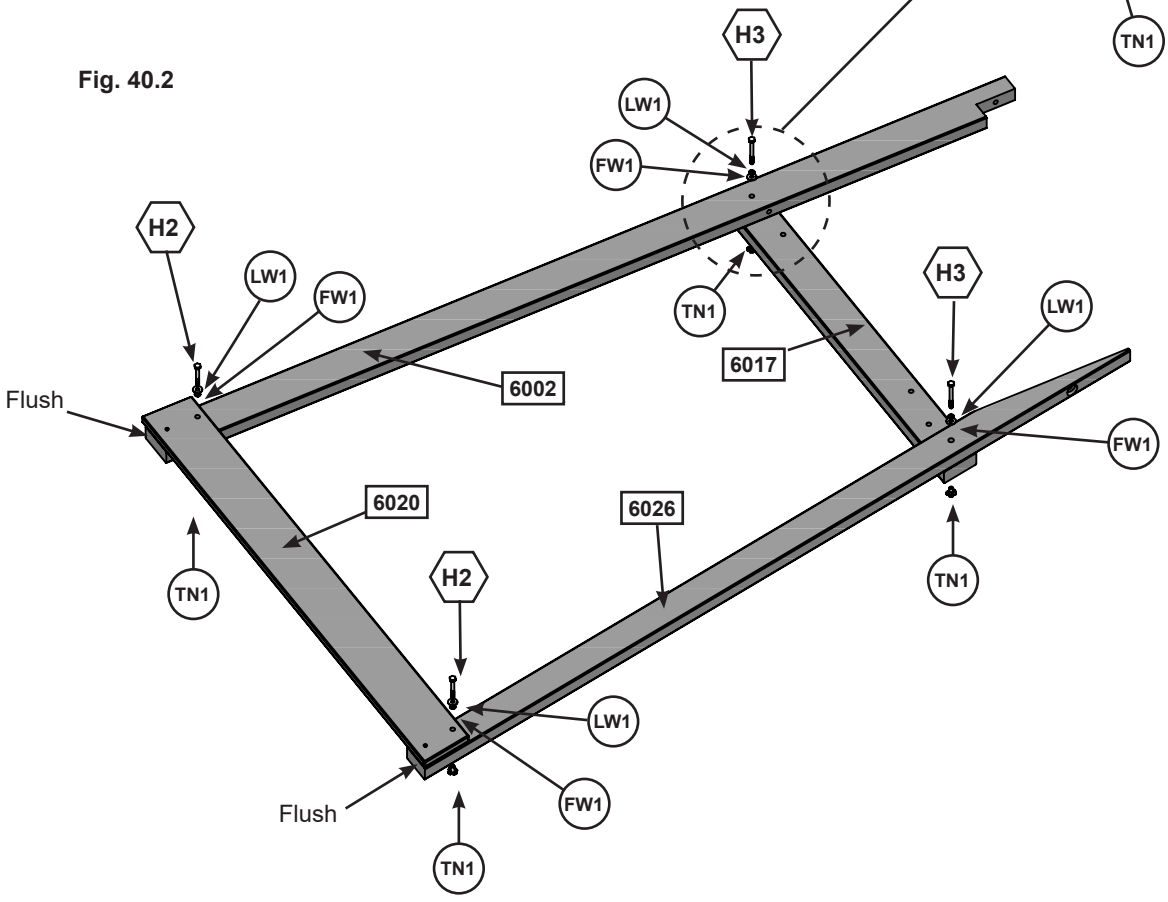


Fig. 40.2



Wood Parts

- 1 x 6002 **Long Post 1-1/4 x 3-1/4 x 77-1/2"**
- 1 x 6017 **Floor Support 1-1/4 x 3-1/4 x 34-1/2"**
- 1 x 6020 **Short Ground 5/8 x 4-1/2 x 44-1/8"**
- 1 x 6026 **Rock Rail 1-1/4 x 2-3/4 x 71-15/16"**

Hardware

- 2 x H2 **1/4 x 2" Hex Bolt (LW1, FW1, TN1)**
- 2 x H3 **¼ x 2-1/2" Hex Bolts (LW1, FW1, TN1)**

Step 40: Lower Frame Assembly Part 2

C: Place 1 (6002) Long Post and 1 (6026) Rock Rail side by side with the (6002) Long Post on the right side, notched end at the top and facing the inside and the (6026) Rock Rail on the left. Make sure that the angled cut on the (6026) Rock Rail is at the top, facing inwards towards the (6002) Long Post. (Fig. 40.3 & 40.5)

D: From the underside of the assembly place 1 (6017) Floor Support making sure the pre-drilled holes match what is shown on fig.(Fig. 40.3). Attach using 2 (H3) ¼ x 2-1/2" Hex Bolts (with lock washer, flat washer and t-nuts). (Fig. 40.3 & 40.4)

E: Place 1 (6018) Long Ground across the bottom of both pieces so that it's flush with the ends of the (6002) Long Post and the (6026) Rock Rail. Attach (6018) Long Ground using 2 (H2) ¼ x2" Hex Bolts (with lock washer, flat washer and t-nuts). (Fig. 40.3)

F: On the underside of the (6018) Long Ground place 1 (0369) Lower Diagonal tight and flush to the (6002) Long Post and the (6018) Long Ground. Attach through (6018) Long Ground with 2 (H2) ¼ x 2" Hex Bolts (with lock washer, flat washer and t-nut). Pre-drill upper hole of (0369) Lower Diagonal with a 1/8" (3.2mm) drill bit and install 1 (LS3) 1/4 x 3" Lag Screw (with flat washer). (fig. 40.3)

Fig. 40.3
left view

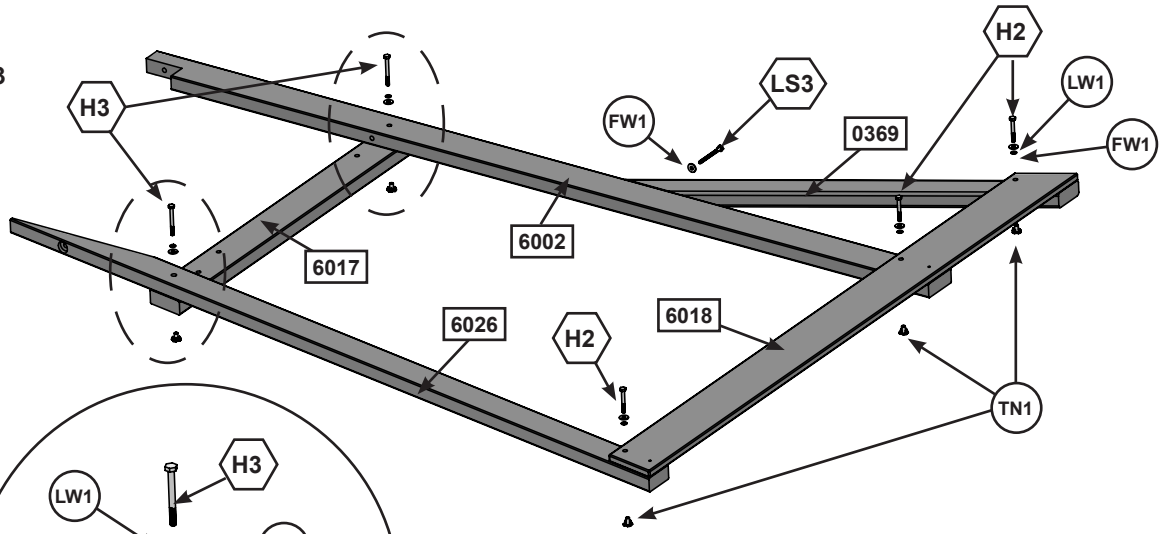


Fig. 40.4

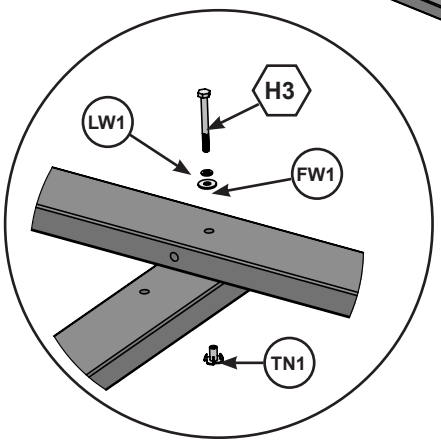
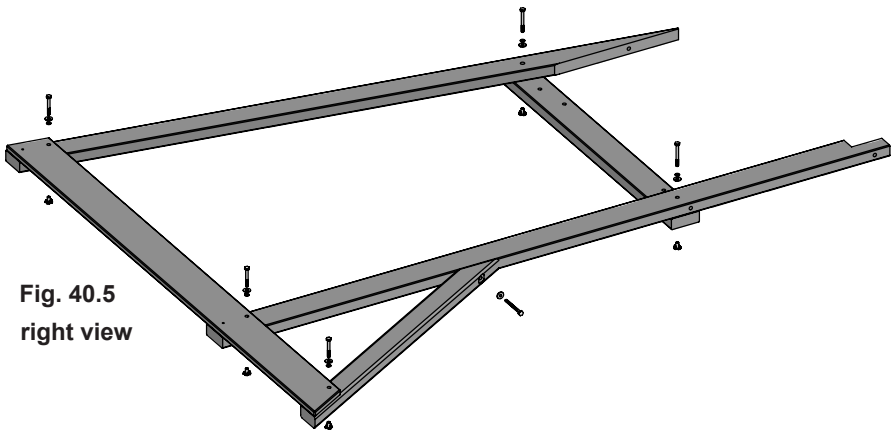


Fig. 40.5
right view



Wood Parts	Hardware
1 x 6002 Long Post 1-1/4 x 3-1/4 x 77-1/2"	3 x H2 1/4 x 2" Hex Bolt (LW1, FW1, TN1)
1 x 6017 Floor Support 1-1/4 x 3-1/4 x 34-1/2"	2 x H3 ¼ x2-1/2" Hex Bolts (LW1, FW1, TN1)
1 x 6018 Long Ground 5/8 x 4-1/2 x 62"	1 x LS3 ¼ x 3" Lag Screw (FW1)
1 x 6026 Rock Rail 1-1/4 x 2-3/4 x 71-15/16"	
1 x 0369 Lower Diagonal 1-3/8 x 2-1/2 x 37"	

Step 41: Frame Assembly

A: Make sure that lower frame assemblies are square then attach 1 (6021) Back Ground to the outside of the (6002) Long Posts using 4 (S11) #8 x 2" Screws (with FW1) making sure that it is flush to the bottom. (Fig. 41.3 & 41.4)

B: Making sure that it's flush to the bottom of the (6020) Short Ground and (6018) Long Ground, attach 1 (6019) Rock Bottom to the Rock Rails using 4 (S20) #8 x 1-3/8" Wood Screws. Make sure that the notch is at the top, left hand side.(Fig. 41.1)

C: Place 1 (6042) Narrow Floor Board on the front end of the (6017) Floor Supports and 1 (6013) Floor Board on far end other as shown in (fig. 41.1) making sure they are flush with the (6002) Long Posts and (6026) Rock Rails. **Do not attach these boards until Step 27.**

D: Using the (6042) Narrow Floor Board as a guide, place (0600) Bottom trim flush to the top of the front (6042) Narrow Floor Board and attach to the Rock Rails using 2 (S7) #12 x 2" Pan Screws (with FW1) and 2 (S20) #8 x 1-3/8" Wood Screws..
(Fig. 41.1)

E: On the back side attach 1 (6034) Floor Back to the (6002) Long Posts using 1 (S7) #12 x 2" Pan Screw and 2 (H8) ¼ x 4-1/4" Hex Bolt (with lock washer, flat washer and t-nut) per side. (Fig. 41.2 & 41.3)

Fig. 41.1

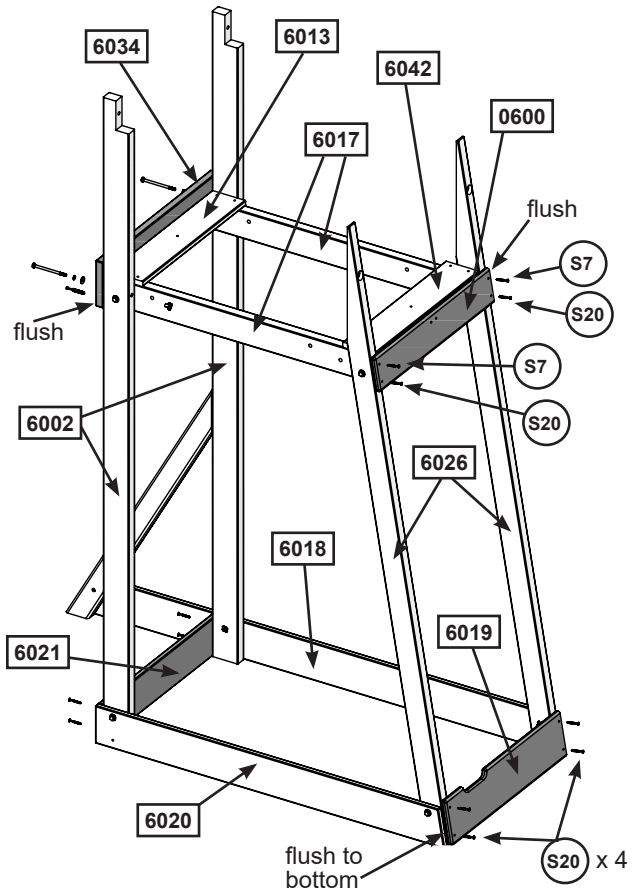


Fig. 41.2

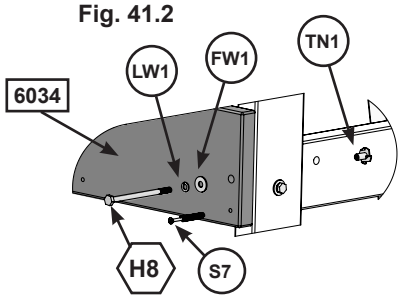


Fig. 41.3

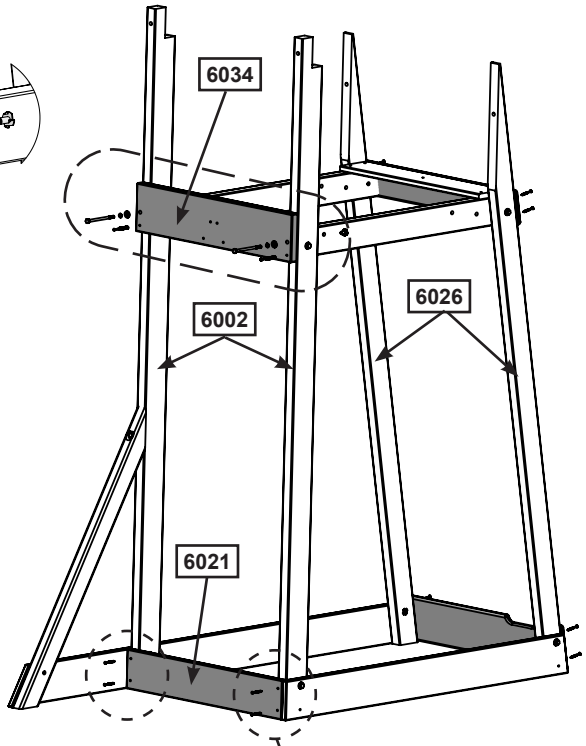
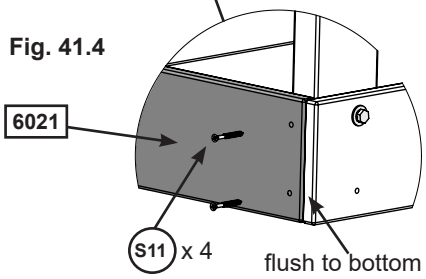


Fig. 41.4



Wood Parts

1 x 6021 Back Ground 5/8 x 4-1/2 x 23-1/2"
1 x 6019 Rock Bottom 5/8 x 5-1/4 x 23-1/2"
1 x 6013 Floor Board 5/8 x 4-1/4 x 21"
1 x 0600 Bottom Trim 5/8 x 4 x 23-1/2"
1 x 6034 Floor Back 15/16 x 5-1/2 x 23-1/2"
1 x 6042 Narrow Floor Back 5/8 x 3-14/16 x 21"

Hardware

4 x S11 #8 x 2" Screws
6 x S20 #8 x 1-3/8" Wood Screws
2 x H8 1/4 x 4-1/4" Hex Bolt (LW1, FW1, TN1)
4 x S7 #12 x 2' Pan Screw

Step 42: Floor Assembly

A: Place (6003) Floor Joist flush to the underside of the (6013) Floor Board and centred over the pilot holes in the (6034) Floor Back and (0600) Bottom Trim. The angle cut should be flush with the (0600) Bottom trim (Fig. 42.1 and 42.2 and 42.3). Attach using 2 (S11) #8 x 2" Wood Screws per side. (Fig. 42.1 and 42.2 and 42.3)

B: Evenly Space the remaining (6013) floor boards and attach each board using 5 (S20) #8 x 1-3/8" Wood Screws per board.(Fig. 42.4 and 42.5).

Fig. 42.1

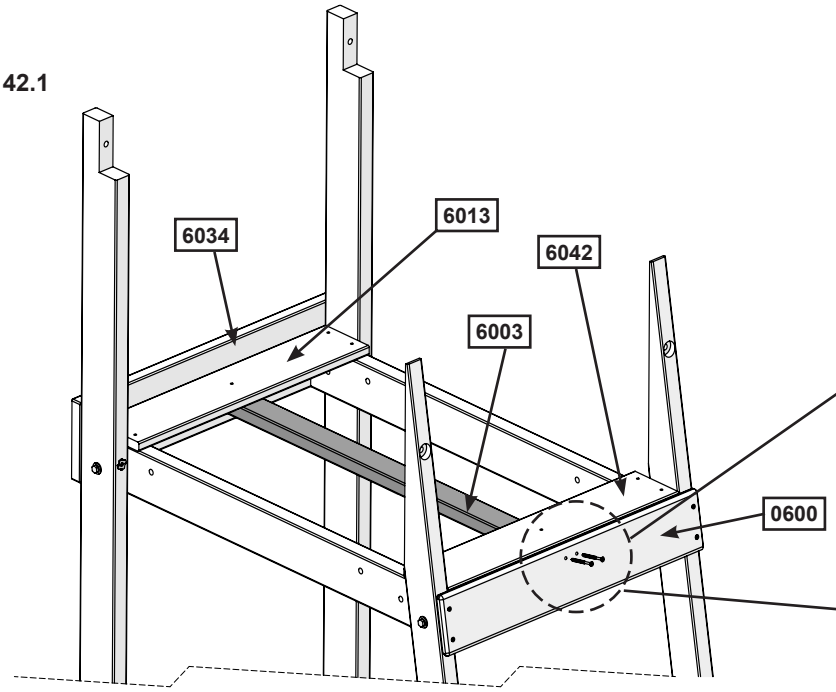


Fig. 42.2

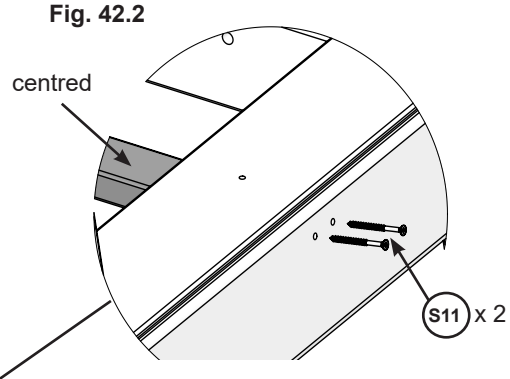


Fig. 42.3

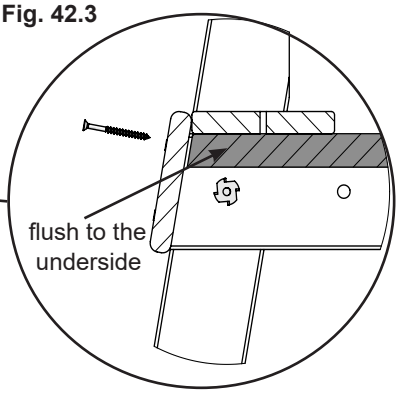


Fig. 42.4

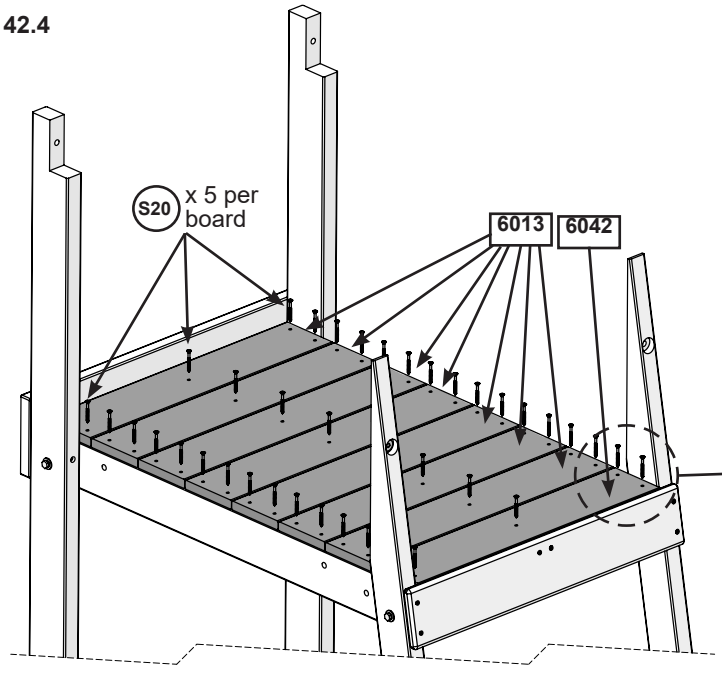
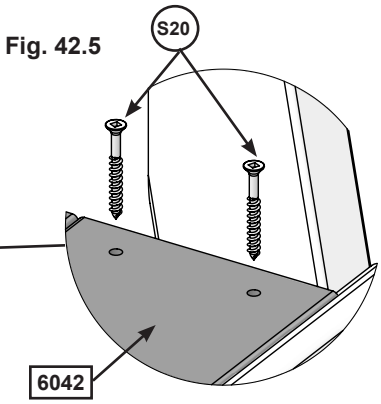


Fig. 42.5



Wood Parts

1 x 6003 Floor Joist 15/16 x 2 x 33-15/16"
6 x 6013 Floor Board 5/8 x 4-1/4 x 21"

Hardware

4 x S11 #8 x 2" Wood Screws
40 x S20 #8 x 1-3/8" Wood Screws

Step 43: Climbing Wall Assembly

A: Starting with a (6009) Rock Board B at both the top and bottom of the Climbing Wall, alternate between (6010) Rock Boards A and (6009) Rock Boards B making sure that the boards are evenly spaced as shown in (fig. 43.1). Attach using 4 (S20) #8 x 1-3/8" Wood Screws per board. (Fig. 43.1 & 43.2)

Note: Board orientation must be followed closely.

Fig. 43.1

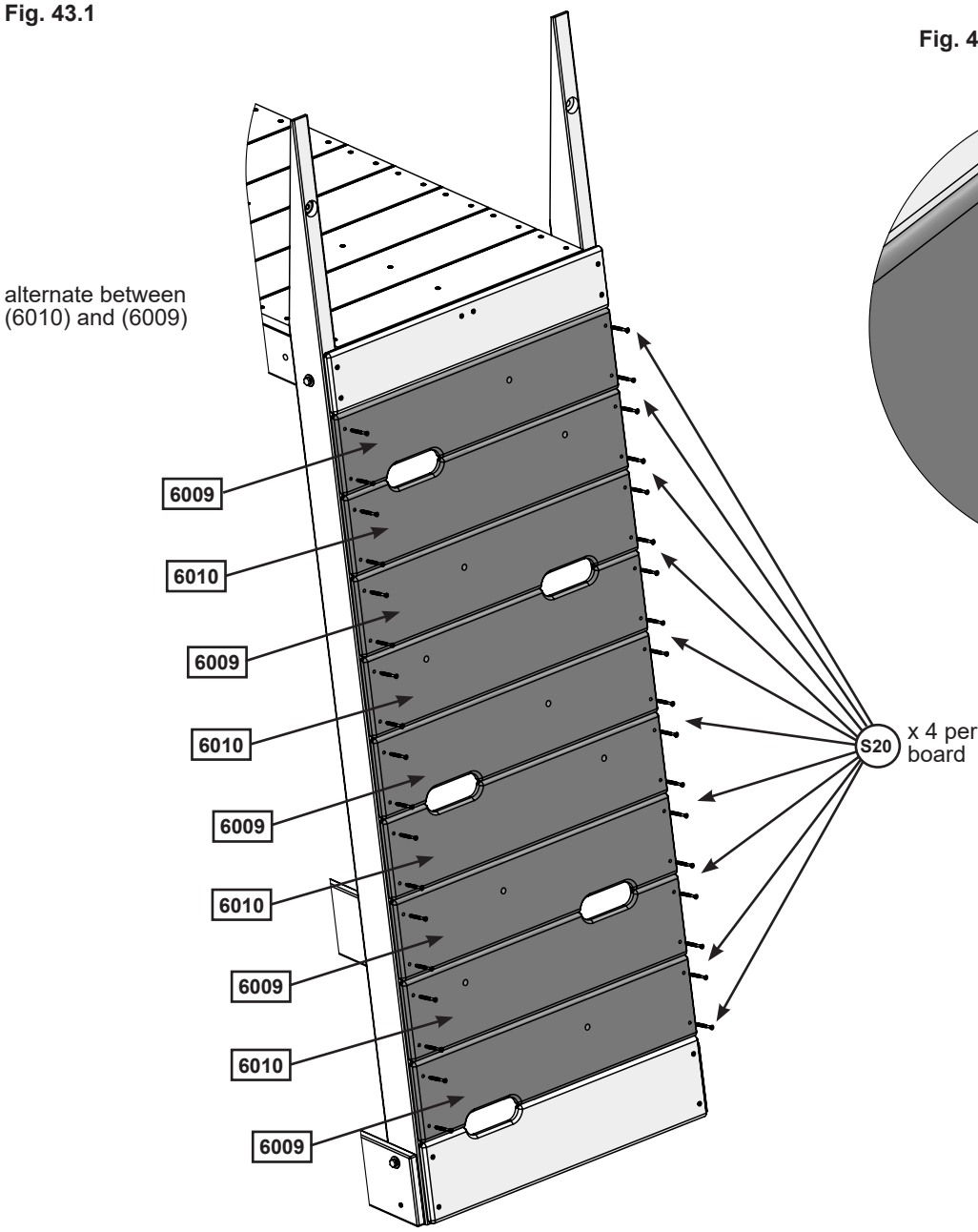
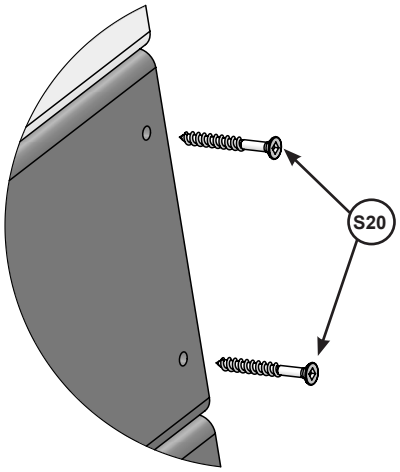


Fig. 43.2



Wood Parts

5 x 6009 **Rock Board B 5/8 x 5-1/4 x 23-1/2"**

4 x 6010 **Rock Board A 5/8 x 5-1/4 x 23-1/2"**

Hardware

36 x (S20) #8 x 1-3/8" Wood Screws

Step 44: Wall Top Assembly Part 1

A: Making sure that assemblies are square, position the Left Wall Assembly onto the lower left assembly as shown in (fig. 44.1 & 44.2). Attach (6002) Long Post to (6012) Short Post using 1 (H12) 1/4 x 3” Hex Bolt (with lock washer, flat washer and t-nut). In the upper hole of (6026) Rock Rail, pre-drill with a 1/8” (3.2mm) drill bit and install 1 (LS3) 1/4 x 3” Lag Bolt (with flat washer). Install 1 (H3) 1/4 x 2-1/2” Hex Bolt (with flat washer, lock washer and t-nut) in the (6000) Upper Post. (fig. 44.1 & 44.2)

Fig. 44.1

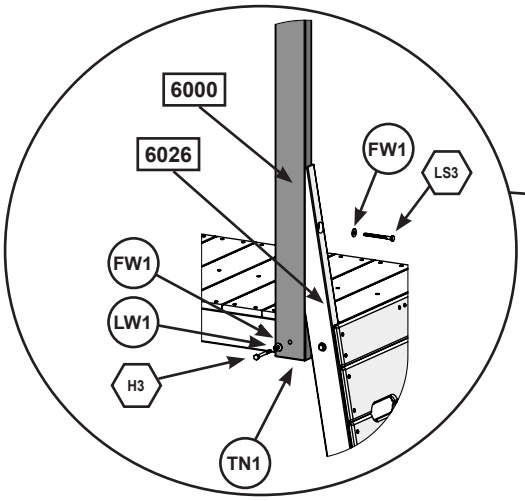
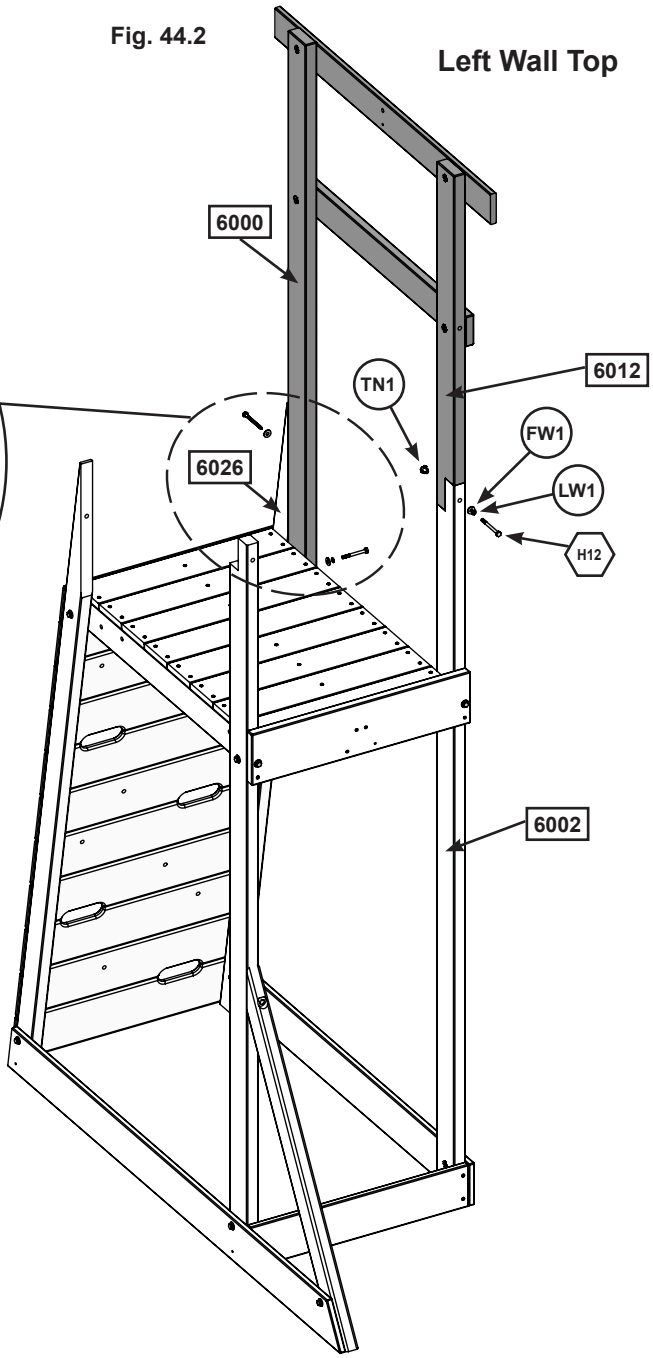


Fig. 44.2

Left Wall Top



Hardware

1 x H12 1/4 x 3” Hex Bolt (LW1, FW1, TN1)

1 x LS3 ¼ x 3” Lag Bolt (FW1)

1 x H3 ¼ x 2-1/2” Hex Bolt (LW1, FW1, TN1)

Step 44: Wall Top Assembly Part 2

B: Repeat step A to install the Right Wall Assembly. (fig. 44.3 & 44.4)

Before proceeding to the next step ensure that unit is completely square and all hardware is tightened.

Fig. 44.3

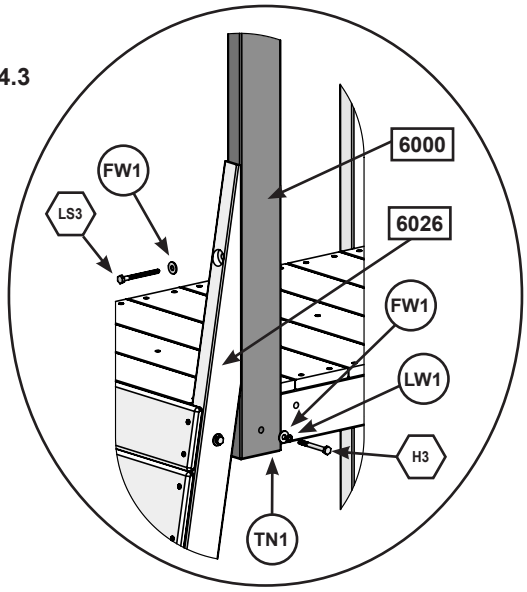
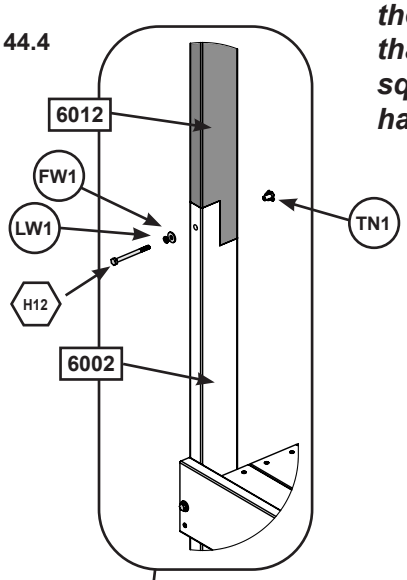
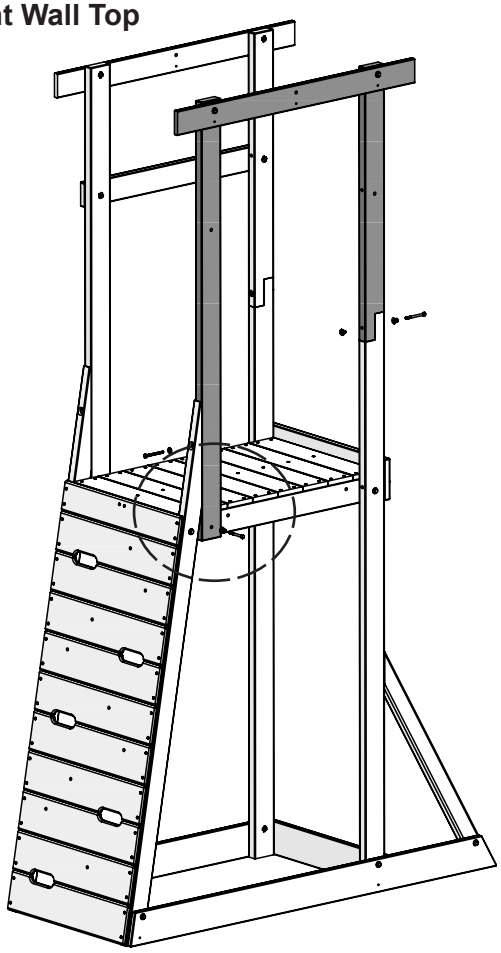


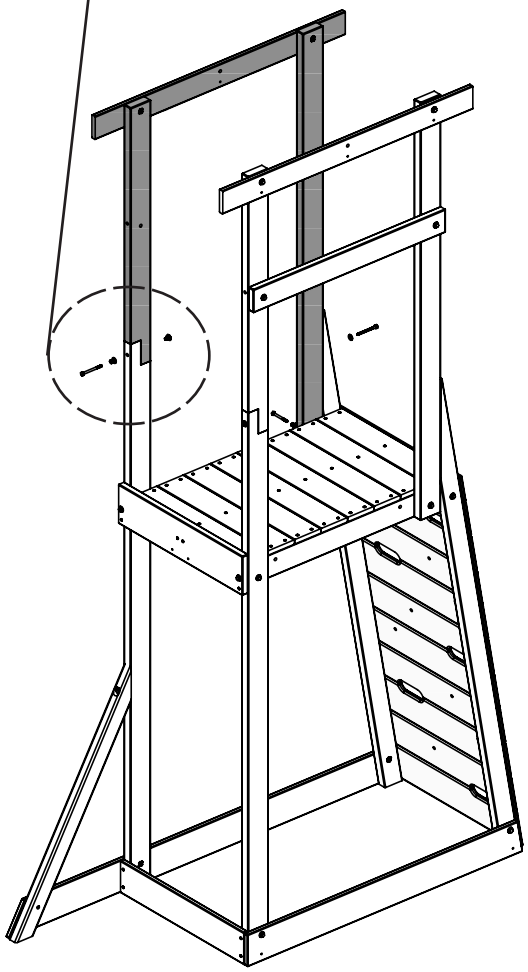
Fig. 44.4



Right Wall Top



Right Wall Top



Hardware

1 x (H12) 1/4 x 3" Hex Bolt (LW1, FW1, TN1)

1 x (LS3) ¼ x 3" Lag Bolt (FW1)

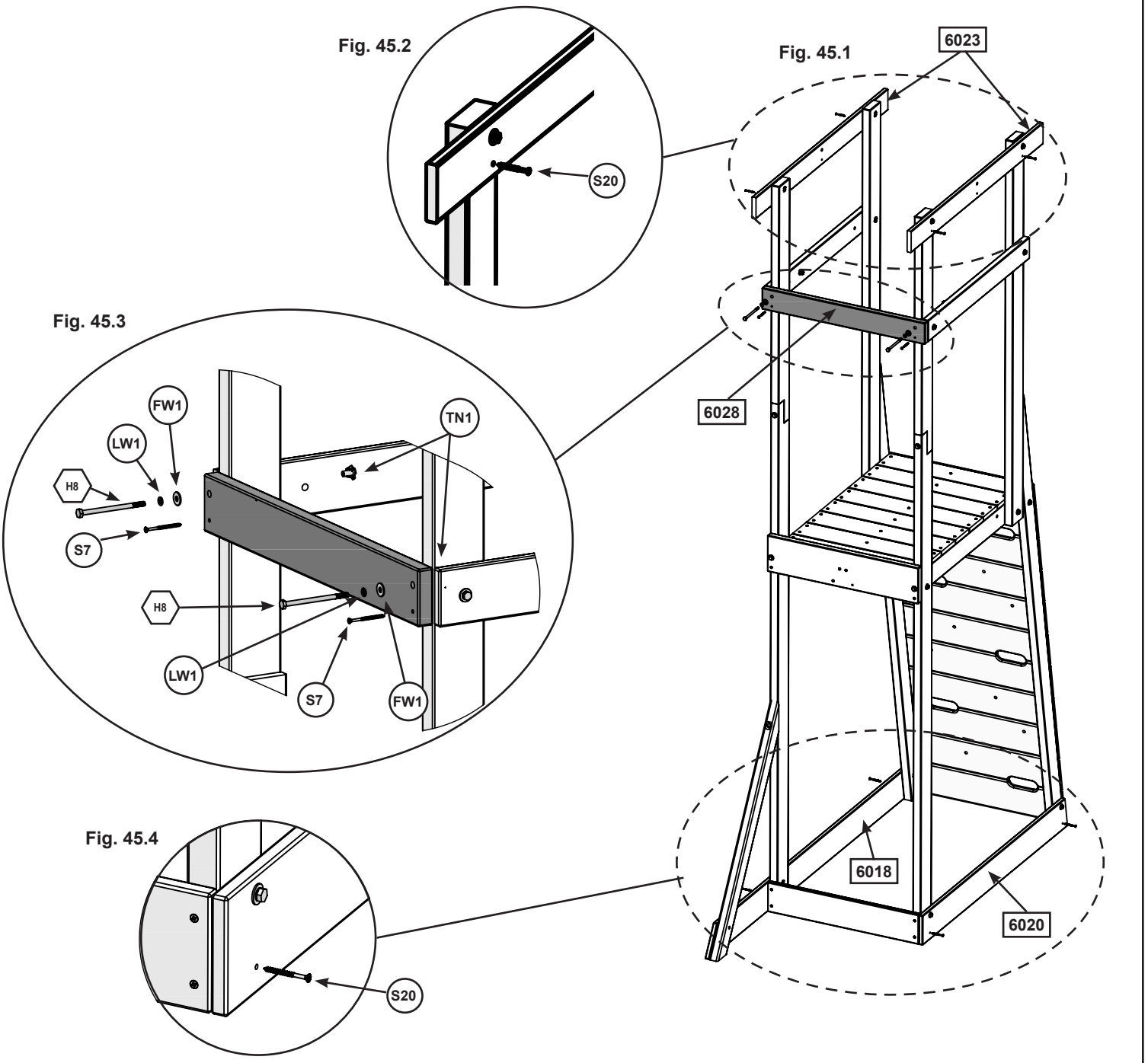
1 x (H3) ¼ x 2-1/2" Hex Bolt (LW1, FW1, TN1)

Step 45: Install Top Back

A: On the back side of the assembly install (6028) Top Back using 2 (H8) ¼ x 4-1/4" Hex Bolt (with flat washer, lock washer and t-nut) in the upper hole and 2 (S7) #12 x 2" Pan Screws in the bottom holes. (fig 45.1 & 45.3)

B: On the left and right Roof Sides install 2 (S20) #8 x 1-3/8" Wood Screws into the bottom holes. (fig 45.1 & 45.2)

C: Install 1 (S20) #8 x 1-3/8"Wood Screw into each pre-drilled hole on the bottom of the (6020) Short Ground and (6018) Long Ground as shown in (fig. 45.1 & 45.4).



Wood Parts

1 x 6028 Top Back 15/16 x 3-1/4 x 25-3/8"

Hardware

8 x S20 #8 x 1-3/8" Wood Screws

2 x S7 #12 x 2" Pan Screws

2 x H8 ¼ x 4-1/4" Hex Bolt (LW1, FW1, TN1)

Step 46: Install Gussets
Part 1

A: On the back side of the assembly place 2 (6006) Back Gussets so they meet tightly together to form a point. Center the (6006) Back Gussets on the inside of the (6034) Floor Back making sure the other ends are flush to the Long Posts. (Fig.46.1)

B: From the outside, attach the (6006) Back Gussets at the top using 2 (S15) #8 x 1-3/4" Wood Screws. Attach the (6006) Back Gussets to the (6002) Long Posts using 1 (S4) #8 x 3" Wood Screw per side in the upper hole and 1 (S11) #8 x 2" Wood Screw per side in the bottom holes. (Fig.46.2)

Fig. 46.1
back side

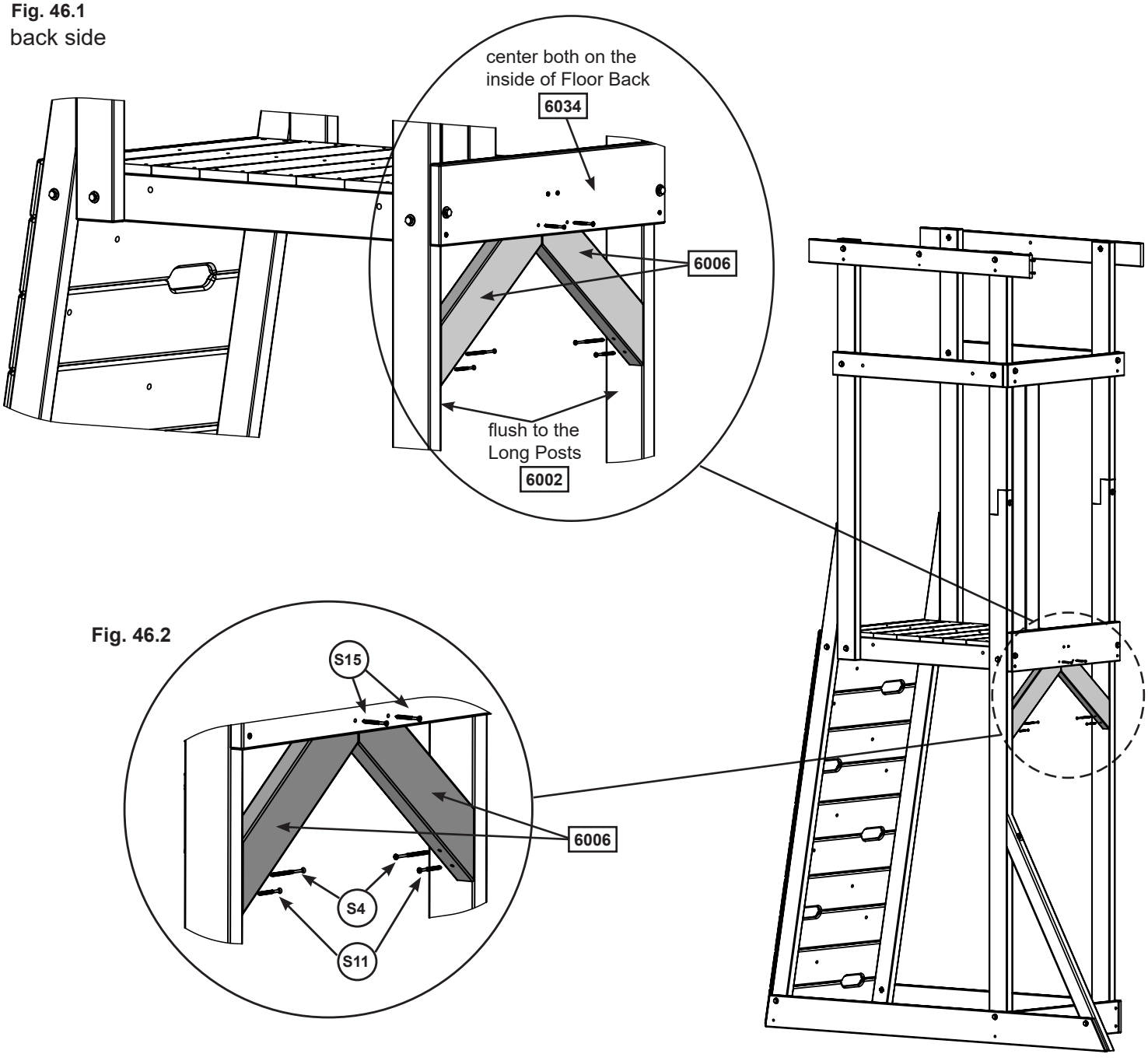


Fig. 46.2

Wood Parts

2 x 6006 Back Gusset 1-1/4 x 3-1/4 x 15-5/8"

Hardware

2 x S4 #8 x 3" Wood Screw

2 x S11 #8 x 2" Wood Screw

2 x S15 #8 x 1-3/4" Wood Screws