



AMERICA'S BEST VALUE IN SWING SETS.™

5.4 Mega Deck Fort

Install Manual

Version 6.14



Tools Needed for Assembly

Tape Measure	24" Level	Angle Square
Phillips Screw Driver	3/8" Cordless Drill or Electric Drill	3/8" Drive Ratchet or Electric Impact Gun
Claw Hammer or Rubber Mallet	Pliers or Vise Grips	7/16" Deep Well Socket
9/16" Deep Well Socket	3/4" Deep Well Socket	1/8", 1/4", and 9/16" Drill Bits
Phillips Head Screw Bits	An Adult with two Adult Helpers	

Please familiarize yourself with the install manual, parts/components and general construction process of your new swing set before getting started. Approximate assembly time: 6 to 8 hours. 6 foot unobstructed safety perimeter around swing set recommended.

Choosing A Location For Your Playset

When choosing a location for your swing set, always keep your child or children's safety in mind. Here are some recommendations to help you locate and install a safe play area.

- This play set is designed for the use of 4 occupants who have a combined weight not exceeding 800 pounds on the elevated floor; 3 occupants who have a combined weight of 525 pounds on the swing area; for a total Unit capacity of 5 occupants who have a combined weight of 1325. (this weight is not including the picnic table area)
- On-site adult supervision is required.
- The swing set should be located on level ground. The stationary components such as ladders and slides are required to be a minimum of six feet from any structure or obstruction such as a fence, garage, house, tree, overhanging branches, electrical wires, clotheslines, etc. Any swinging equipment is also required to be a minimum distance twice the height of the swing beam away from these obstructions or structures as well. The swing set should be located a safe distance from any water hazards, such as a lake, river, bayou, swimming pool, etc.
- Do not install this residential swing set in a commercial setting. This swing set is not manufactured for commercial usage and will void all warranties. Tree Frogs Wooden Swing Set Factory is not responsible for any damages or injuries resulting from this swing set being used in a commercial setting.
- Never install this swing set indoors; or over concrete, asphalt, packed earth, grass, carpet or any other hard surface. A fall onto a hard surface can result in serious or fatal injury.
- The U.S. Consumer Product Safety Commission (CPSC) recommends that you install and maintain a resilient surface under your swing set. The CPSC's Consumer Information Sheet for Playground Surfacing Materials is on the next page. A resilient surface, should be installed after the swing set has been completely assembled according to these instructions. The swing set must rest on solid ground. Please note that this swing set has a maximum fall height of 7'.

Maintaining Your Swing Set

Here are some maintenance tips required to insure safe play on your swing set for years of fun.

- At the beginning of each usage season and every two weeks during, check: nuts and bolts and tighten as needed, swing seats, chains, ladders, slides, rope and wood components for sign of deterioration and replace if necessary.
- On a yearly basis, we recommend that you coat your swing set with a sealant or preservative. You may also want to spot sand any areas prior to sealing.

**** Special note:** Although we recommend that you reseal your swing set annually, you may have to touch up the high traffic areas and/or areas that have a high exposure to direct sunlight.**

- Be sure that the sealant you select is non-toxic and child safe. Your local Tree Frogs Wooden Swing Set Factory dealer may offer a complete power wash and reseal and maintenance program.
- Do not use line trimmers or "weed eaters" around your swing set. The line will remove both paint and wood from uprights and base pieces. Any damage resulting from this type of abuse is not covered under our limited warranty.
- Remove plastic swing seats and take in doors or do not use when temperature drops below 0°F.

Weight Limits for Tree Frogs Swing Sets

Fort Platform: 800 Lbs. Total Weight

Swing Belts: 175 Lbs.

Trapeze: 125 Lbs.

Full Bucket Swing: 50 Lbs.

Toddler Bucket Swing: 50 Lbs.

Tire Swing: 125 Lbs. Total Weight

Rope Ladder: 75 Lbs.

Rock Wall: 150 Lbs.

All Slides: 125 Lbs.

Tree Frogs recommends that the weight limits for all components must not be exceeded. Failure to adhere to these and other safety guidelines could result in damage to the swing set and/or injury to the users.

Please keep this install manual for future reference.

To insure SAFE PLAY adults must teach children:

- Not to walk close to, in front of, behind, or between moving items.
- Not to swing empty swing seats.
- Not to swing sideways into the path of adjacent swings.
- Not to use the swing set in a manner other than that for which it is intended.
- Not to get off the equipment while it is in motion.
- Not to jump off the tower.
- Not to stand in the swing seats.
- Not to swing so high that chains become slack, or above the height of the swing support.
- Not to jump on a slide.
- Not to climb on top of the swing support.
- Not to attach to the swing set any item that is not specifically designed for use with the equipment, such as (but not limited to) jump ropes, clotheslines, pet leashes, cables, and chains. These may become strangulation hazards.
- To hold on to swings and climbers with both hands.
- To slide feet first, never head first.
- To watch for other children while swinging or playing near the swing set.

To also insure SAFE PLAY adults must:

- Limit climbing and swinging heights to each child's ability.
- Verify that suspended climbing ropes are secured at both ends.
- Verify that suspended climbing ropes cannot be looped back on themselves.
- Dress children appropriately for play. Use well-fitted shoes that do not have slippery soles.
- Avoid ponchos, scarves, hoods, loose fitting clothing, neckties, and any clothing with a drawstring. Serious injury could result should any part of the children's clothing become entangled in the swing set.
- Do not allow children to play wearing helmets.
- Remember that children are inventive. When they develop games that are unsafe, be alert and change the rules.

IMPORTANT - PLEASE READ

As fresh lumber acclimates to its new environment, the natural tendencies of the tree can show itself in the form of checks, or "cracks" in the lumber. In almost all cases this is normal and it will not affect the structural integrity of your play set.

Cosmetic defects that do not affect the structural integrity of the product, or natural defects of wood such as warping, checking or any other physical properties of wood that do not present a safety hazard, are not covered by this warranty.

Defects that develop because the product is exposed to extreme climate conditions are not covered by this warranty.

Defects that develop as a result of faulty or improper installation of the product are also not covered by this warranty.

Most cracks are not warrantable, however if you believe that the integrity of your play set is compromised by this natural occurrence, please contact the Tree Frogs Swing Set Dealer that you purchased your swing set from.

We appreciate your purchase and know that you will enjoy your play system for many years to come.

Pre-Assembly Hints

- Depending on your experience, assembly of our play sets can take as little as 6 hours up to 24 hours, depending on size, after inventory of parts; therefore, we recommend you set aside a full two days for assembly.
- Identify all of the parts for your play set. Empty each box and lay out boards so you can see each part. Your instruction book will have detailed drawings that will make it easy for you to recognize individual parts. Keep all hardware and metal parts separate from wooden pieces.
- After everything is laid out, check carefully to ensure all parts are present. Make sure there are no broken boards.
- Find an area to sort your hardware. It is best to open the hardware on a solid surface so that you do not lose any pieces in the grass. This will save time and familiarize you with all the different pieces in the hardware bag.

****Important note:** Wood has some natural defects such as knots, surface cracks, etc... We reject parts that are structurally defective. We use a high quality lumber in our structures; however, you should inspect each part for splinters or rough spots and sand them smooth to prevent injury.**

- After familiarizing yourself with all of the components, read all instructions thoroughly. Reading instructions after you have studied the parts will help you understand more clearly the installation process, and help to eliminate unnecessary mistakes.
- Pay close attention to the diameter and length of each bolt and screw.
- Never tighten hardware completely at first. It helps to have some adjustment for bolt alignment while you are attaching parts together. After everything is square, tighten each joint.
- After the main unit is assembled it is critical that the floor is level and square. If the main frame is not level, the walls and floor will be out of square.
- After you complete installation, make sure every bolt, screw, and nut is tight, and every board is secure. Wood will expand and contract with the seasons.
- Place the set on level ground, not less than 6ft from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines, or electrical wires.
- All 1/4" and 3/8" lag bolts must have pre-drilled holes 1-1/2" to 2" deep. Use a 1/8" drill bit for the 1/4" lag bolts and 1/4" drill bit for 3/8" lag bolts. Use pre-drilled holes in facias as a reference for placing lag bolt pilot holes.
- If a board lifts or rises causing a gap between boards when running in lag bolts or screws, back out the screw or lag bolt and press or apply pressure (but not enough to crack or break board) while re-running in the lag bolt or screw in the same hole.
- Do not over tighten bolts, lag bolts or screws. You can damage boards, break hardware, and/or strip out the hardware.
- When using hammer do not beat on the hardware, but gently tap it in. Never beat on the wood as it will leave marks.

Leveling Your Swing Set During Assembly

- Complete the steps which will be the basic frame of the fort {i.e. four corner posts with base (sand box boards) and deck supports}
- Position in the most level area chosen for the play set, keeping in mind the location and size of the swing beam, ladder, slides, etc. that extend off the fort.
- Once the frame is in the final position, check for vertical and horizontal levelness to determine which side(s) will need to be dug into the ground to level the play set.
- With a shovel, score the ground around the outside edges of the sandbox boards on the 'high' side of the fort. This is the area that will be dug in. Make sure to score deep enough; the scored lines will be your digging template.
- Push the frame off and away from the scored area, far enough to dig and remove dirt to reach the appropriate depth.
- Dig a channel along the scored line(s) for the base of the fort (corner post and sandbox boards) to rest into. Dig the channel(s) to the same level depth. The bottom of the channel(s) should be level to each other so your frame doesn't teeter or rock because the channel(s) are uneven.
- Once you have removed enough grass and dirt, slide/push the frame into the channel(s). Place a level on the vertical and horizontal boards of the frame to determine if enough soil, or too much, was removed.
- Repeat this process until the basic frame is plumb and level and in its final position before completing the rest of the assembly.
- Measure to make sure fort is square.

**** Important:** if you require a channel depth of more than 6",
then we recommend you have your play set area professionally graded before completing assembly. **

CONSUMER INFORMATION SHEET FOR PLAYGROUND SURFACING MATERIALS

The U.S. Consumer Product Safety Commission (CPSC) estimates that about 100,000 playground equipment related injuries resulting from falls to the ground surface are treated annually in U.S. hospital emergency rooms.

Injuries involving this hazard pattern tend to be among the most serious of all playground injuries, and have the potential to be fatal, particularly when the injury is to the head. The surface under and around playground equipment can be a major factor in determining the injury-causing potential of a fall. It is self-evident that a fall onto a shock-absorbing surface is less likely to cause a serious injury than a fall onto a hard surface. However, it should be recognized that some injuries from falls will occur no matter what playground surfacing material is used.

Playground equipment should never be placed on hard surfaces such as concrete or asphalt. Grass may appear to be acceptable, but can turn to hard packed earth in areas of high traffic. Shredded bark mulch, wood chips, or fine gravel are considered to be acceptable shock absorbing surfaces when installed and maintained at a sufficient depth under and around play equipment.

TABLE 1 -CRITICAL HEIGHTS (in feet) OF TESTED MATERIAL

MATERIAL	UNCOMPRESSED DEPTH			COMPRESSED DEPTH
	6 Inch	9 Inch	12 Inch	9 inch
Wood Chips	7	10	11	10
Double Shredded Bark Mulch	6	10	11	7
Engineered Wood Fibers	6	7	>12	6
Fine Sand	5	5	9	5
Coarse Sand	5	5	6	4
Fine Gravel	6	7	10	6
Medium Gravel	5	5	6	5
Shredded Tires**	10-12	N/A	N/A	N/A

** This is data from tests conducted by independent testing laboratories on a 6 inch depth of uncompressed shredded tire samples produced by four manufacturers. The test reported critical heights, which varied from 10 feet to greater than 12 feet. It is recommended that persons seeking to install shredded tires as a protective surface request test data from the supplier showing the critical height of the material when it was tested in accordance with ASTM F1292.

Table 1 should be read as follows: If, for example, uncompressed wood chips are used at a minimum of 6 inches, the Critical Height is 7 feet. If 9 inches of uncompressed wood chips are used, the Critical Height is 10 feet. It should be noted that, for some materials, the Critical Height decreases when the material is compressed. It is recommended that a shock absorbing material should extend a minimum of 6 feet in all directions from the perimeter of stationary equipment such as climbers and slides. However, because children may deliberately jump from a moving swing, the shock absorbing material should extend in the front and rear of a swing a minimum distance of 2 times the height of the pivot point measured from a point directly beneath the pivot on the supporting structure.

This information is intended to assist in comparing the relative shock-absorbing properties of various materials. No particular material is recommended over another. However, each material is only effective when properly maintained. Materials should be checked periodically and replenished to maintain correct depth as determined necessary for your equipment. The choice of a material depends on the type and height of the playground equipment, the availability in your area, and its cost.

This information has been extracted from the CPSC publications "Playground Surfacing-Technical Information Guide" and "Handbook for Public Playground Safety." Copies of these reports can be obtained by sending a postcard to:

Office of Public Affairs
U.S. Consumer Product Safety Commission
Washington, D.C. 20207
Toll-free Hotline: 1-800-638-2772 or at <http://www.cpsc.gov>

Megadeck Fort Universal Bundle 1

Item No.	Part Number	Part Description	QTY.
MB1-1	17-4-00157	UNIVERSAL FORT MAINBEAM	4
MB1-2	16-4-00285	UNIVERSAL FORT TOP JOIST SB	1
MB1-3	16-4-00216	(L) GUSSET BRACKET	3
MB1-4	16-4-00217	(R) GUSSET BRACKET	3
MB1-5	16-4-00214	UNI. PC CORNER POST/ UNI. FORT UPRIGHT	3
MB1-6	16-4-00290	UNI. FORT WOOD ROOF CENTER POST	2
MB1-7	16-4-00283	UNIVERSAL FORT TRAPEZE ARM	1

Megadeck Fort Universal Bundle 2

MB2-1	13-4-00076	UNI. FORT 4 HOLE FACIA	3
MB2-2	13-4-00069	UNI. 8 HOLE FACIA	6
MB2-3	13-4-00088	14 HOLE MEGADECK FACIA	2
MB2-4	12-4-00140	UNIVERSAL FILLER	3
MB2-5	13-4-00086	FORT PLAYHOUSE PANEL FACIA	1
MB2-6	12-4-00141	UNIVERSAL RAIL BOTTOM	2

5.4 Megadeck Fort - Bundle A.

MBA-1	16-4-00291	116" FORT CORNER POST	4
MBA-2	16-4-00312	116" MEGADECK CORNER POST	2
MBA-3	13-4-00076	UNIVERSAL FORT 4- HOLE FACIA	2
MBA-4	16-4-00294	86" FORT LEFT LADDER LEG	1
MBA-5	16-4-00295	86" FORT RIGHT LADDER LEG	1
MBA-6	13-4-00079	UNIVERSAL FORT LADDER STEP	6

Universal Deck

UD-1	12-4-00139	SMALL DECK BOARD	8
UD-2	13-4-00064	LARGE DECK BOARD	6
UD-3	12-4-00138	DECK RUNNERS	4
UD-4	13-4-00063	DECK SUPPORT	2

Mega Deck Decks

MDD-1	13-4-00072	LARGE DECK BOARD	8
MDD-2	12-4-00154	SMALL DECK BOARD	2
MDD-3	12-4-00140	DECK BOARD	4

Universal Rail (Counts per Rail)

Item No.	Part Number	Part Description	QTY.
RAIL-1	12-4-00140	UNIVERSAL RAIL TOP	1
RAIL-2	12-4-00141	UNIVERSAL RAIL BOTTOM	1
RAIL-3	15-4-00008	UNIVERSAL RAIL PICKET	5

5.4 Fort Rockwall Bundle

RW-1	16-4-00304	85.5" FORT (R) ROCKWALL LADDER LEG	1
RW-2	16-4-00303	85.5" FORT (L) ROCKWALL LADDER LEG	1
RW-3	11-4-00138	UNI. FORT RW BOARD W/ ROPE HOLE	1
RW-4	11-4-00139	UNI. FORT RW BOARD BLANK	4
RW-5	11-4-00140	UNI. FORT RW BOARD W/ ROCK HOLES	8
RW-6	10-4-00266	UNI. SMALL RW BOARD BLANK	1
RW-7	16-4-00215	UNIVERSAL ROPE	1
RW-8	16-4-00218	UNIVERSAL ENTRAPMENT BLOCK	2

Mega Deck Fort Wood Roof Bundle

WR-1	13-4-00078	UNIVERSAL WOOD ROOF SUPPORT	6
WR-2	64-7-00208	FORT WOOD ROOF FAN	3
WR-3	64-7-00209	FORT WOOD ROOF PANEL	3
WR-4	20-4-00007	UNIVERSAL WOOD ROOF PEAK FACIA	3
WR-5	64-7-00237	MEGADECK LEFT TOP DORMER WR PANEL	1
WR-6	64-7-00239	MEGADECK (R) TOP DORMER WR PANEL	1
WR-7	64-7-00238	MEGADECK (L) BOTTOM DORMER WR PANEL	1
WR-8	64-7-00240	MEGADECK (R) BOTTOM DORMER WR PANEL	1
WR-9	64-7-00241	MEGADECK (R) ANGLED WR PANEL	1
WR-10	64-7-00242	MEGADECK (L) ANGLED WR PANEL	1

Mega Deck Fort Standard Box

MST-1	59-1-00013	TREE FROGS PLAQUE	1
MST-2	57-2-00004	1 1/4" PLAYGRIP SAFETY HANDLE	5
MST-3	57-2-00005	1 1/4" PLAYGRIP LADDER HANDLE	2
MST-4	56-1-00012	DUCTILE IRON SWING HANGER	2
MST-5	59-1-00011	SPRING CLIPS 10X100MM	2
MST-6	58-1-00013	FORT LADDER BRACKET	1

5.4 Mega Deck Fort Box A.(Multi- Color)

Item No.	Part Number	Part Description	QTY.
BXA-1	37-1-00018	19" SHIP'S WHEEL-YELLOW	1
BXA-2	37-1-00021	TELESCOPE	1
BXA-3	60-1-00006	20" TRAPEZE BAR W/ 43" CHAIN- YELLOW	1

5.4 Fort Box Rockwall (Multi- Color)

RWB-1	36-1-00023	LARGE ROCK- MULTI- COLOR	16
RWB-2	65-7-00017	14' YELLOW ROPE	1

5.4 Mega Deck Fort Box B.(Green)

BXB-1	37-1-00019	19" SHIP'S WHEEL- GREEN	1
BXB-2	37-1-00021	TELESCOPE	1
BXB-3	60-1-00006	TRAPEZE BAR W/ RINGS- 43" CHAIN-YELLOW	1

5.4 Fort Box Rockwall (Green)

RWG-1	36-1-00024	LARGE ROCK- GREEN	16
RWG-2	65-7-00017	14' YELLOW ROPE	1

Mega Deck Fort Hardware Bag

MFH-1	40-1-00001	3/8" ACORN NUT	10
MFH-2	40-1-00002	1/2" ACORN NUT	15
MFH-3	40-1-00013	1/2" X 7" CARRIAGE BOLT	12
MFH-4	40-1-00020	1 5/8" COATED DECK SCREW	42
MFH-5	40-1-00022	2 1/2" COATED DECK SCREW	24
MFH-6	40-1-00026	3/8" HEX NUT	6
MFH-7	40-1-00028	1/2" HEX NUT	15
MFH-8	40-1-00043	3/8" X 5" HEX BOLT	6
MFH-9	40-1-00054	1/4" X 2" HEX LAG SCREW	14
MFH-10	40-1-00055	1/4" X 3" HEX LAG SCREW	4
MFH-11	40-1-00056	1/4" X 4 1/2" HEX LAG SCREW	68
MFH-12	40-1-00059	3/8" X 3 1/2" HEX LAG SCREW	92
MFH-13	40-1-00064	3/8" NYLON INSERT LOCKNUT	4
MFH-14	40-1-00069	#14 X 1 1/4" PAN PHILLIPS T/S	2
MFH-15	40-1-00070	#14 X 2" PAN PHILLIPS T/S	17
MFH-16	40-1-00073	3/8" SPLIT LOCKWASHER	10
MFH-17	40-1-00074	1/2" SPLIT LOCKWASHER	15
MFH-18	40-1-00078	5/16 X 3/8" 3 PRONG T-NUT	12
MFH-19	40-1-00081	1/4" USS FLATWASHER	103
MFH-20	40-1-00082	3/8" USS FLATWASHER	110
MFH-21	40-1-00083	1/2" USS FLATWASHER	24
MFH-22	40-1-00084	3/4" USS FLATWASHER	12
MFH-23	40-1-00105	5/16" X 1" HEX BOLT	12
MFH-24	40-1-00109	1/2" X 9" HEX BOLT	3
MFH-25	40-1-00115	3/8" X 5 1/2" CARRIAGE BOLT	6
MFH-26	41-1-00025	3/8" BOLT CUP	4

Mega Deck Fort 5.4 Hardware Bag

Item No.	Part Number	Part Description	QTY.
5MH-1	40-1-00056	1/4" X 4 1/2" HEX LAG SCREW	24
5MH-2	40-1-00061	3/8" X 5" HEX LAG SCREW	2
5MH-3	40-1-00081	1/4" USS FLATWASHER	24
5MH-4	40-1-00082	3/8" USS FLATWASHER	2

5.4 Fort Rockwall Hardware Bag

RWH-1	40-1-00067	1/4" X 1 1/2" PAN PHILLIPS M/S	32
RWH-2	40-1-00077	1/4" X 7/16" 4 PRONG T-NUT	32
RWH-3	40-1-00081	1/4" USS FLATWASHER	32
RWH-4	40-1-00061	3/8" X 5" HEX LAG SCREW	8
RWH-5	40-1-00082	3/8" USS FLATWASHER	8
RWH-6	40-1-00022	2 1/2" COATED DECK SCREW	56

Megadeck Universal Bundle 1 Lumber

MB1-1
17-4-00157
Universal Fort Mainbeam
QTY. 4



MB1-2
16-4-00285
Universal Fort Top Joist SB
QTY. 1



MB1-3
16-4-00216
(L) Gusset Bracket
QTY. 3



MB1-4
16-4-00217
(R) Gusset bracket
QTY. 3



MB1-5
16-4-00214
Uni. PC Corner Post/ Fort Upright
QTY. 3



MB1-6
16-4-00290
Uni. Fort Wood Roof Center Post
QTY. 2



MB1-7
16-4-00283
Universal Fort Trapeze Arm
QTY. 1



Megadeck Universal Bundle 2 Lumber

MB2-1
13-4-00076
Universal Fort 4 Hole Facia
QTY. 3



MB2-2
13-4-00069
Universal 8 Hole Facia
QTY. 6



MB2-3
13-4-00088
Megadeck 14 Hole Facia
QTY. 2



Megadeck Universal Bundle 2 Lumber

MB2-4
12-4-00140
Universal Filler
QTY. 3



MB2-5
13-4-00086
Fort Playhouse Panel Facia
QTY. 1



MB2-6
12-4-00141
Universal Rail Bottom
QTY. 2



5.4 Megadeck Fort- Bundle A.

MBA-1
16-4-00291
116" Fort Corner Post
QTY. 4



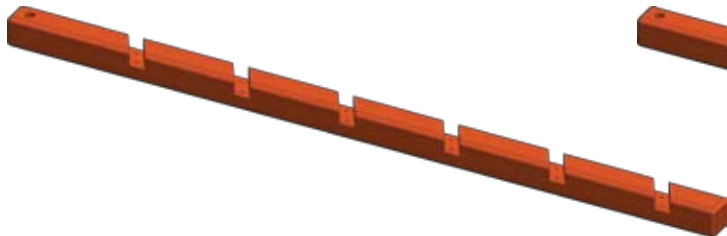
MBA-2
16-4-00312
116" Megadeck Corner Post
QTY. 2



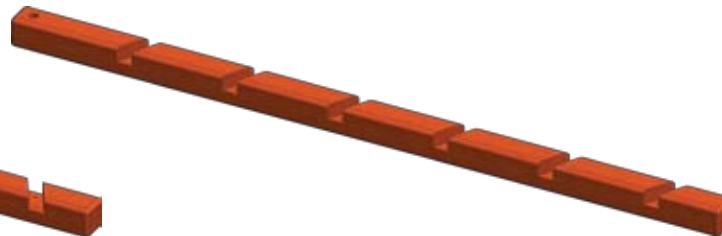
MBA-3
13-4-00076
Universal Fort 4 Hole Facia
QTY. 2



MBA-4
16-4-00294
86" Fort (L) Ladder Leg
QTY. 1



MBA-5
16-4-00295
86" Fort (R) Ladder Leg
QTY. 1



MBA-6
13-4-00079
Universal Fort Ladder Step
QTY. 6



Universal Deck

UD-1
12-4-00139
Small Deck Board
QTY. 8



UD-2
13-4-00064
Large Deck Board
QTY. 6



UD-3
12-4-00138
Deck Runners
QTY. 4



UD-4
13-4-00063
Deck Support
QTY. 2



Megadeck Decks

MDD-1
13-4-00072
Large Deck Board
QTY. 8



MDD-2
12-4-00154
Small Deck Board
QTY. 2



MDD-3
12-4-00140
Deck Runners
QTY. 4



Universal Rail (Counts Per Rail)

RAIL-1
12-4-00140
Universal Rail Top
QTY. 1



RAIL-2
12-4-00141
Universal Rail Bottom
QTY. 1



RAIL-3
15-4-00008
Universal Rail Picket
QTY. 5



5.4 Fort Rockwall Bundle

RW-1

16-4-00304

85.5" Fort (R) RW Ladder Leg
QTY. 1



RW-2

16-4-00303

85.5" Fort (L) RW Ladder Leg
QTY. 1



RW-3

11-4-00138

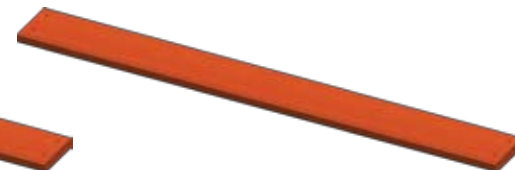
Uni. Fort RW Board w/ Rope Hole
QTY. 1



RW-4

11-4-00139

Uni. Fort RW Board Blank
QTY. 4



RW-5

11-4-00140

Uni Fort RW Board w/ Rock Holes
QTY. 8



RW-6

10-4-00266

Uni. Small RW Board Blank
QTY. 1



RW-7

16-4-00215

Universal Rope Block
QTY. 1



RW-8

16-4-00218

Universal Ent. Block
QTY. 1



Megadeck Fort Wood Roof Bundle

WR-1

13-4-00078

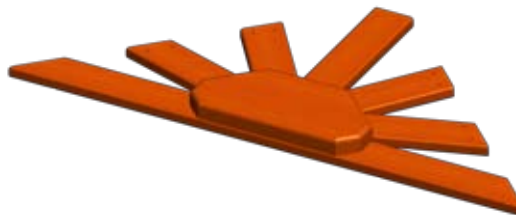
Universal Wood Roof Support
QTY. 6



WR-2

64-7-00208

Fort Wood Roof Fan
QTY. 3



WR-3

64-7-00209

Fort Wood Roof Panel
QTY. 3



Megadeck Fort Wood Roof Bundle

WR-4

20-4-00007

Universal Wood Roof Peak Facia

QTY. 3



WR-5

64-7-00237

Megadeck (L) Top Dormer Panel

QTY. 1



WR-6

64-7-00239

Megadeck (R) Top Dormer Panel

QTY. 1



WR-7

64-7-00238

Megadeck (L) Bottom Dormer Panel

QTY. 1



WR-8

64-7-00240

Megadeck (R) Bottom Dormer Panel

QTY. 1



WR-9

64-7-00241

Megadeck (R) Angled WR Panel

QTY. 1

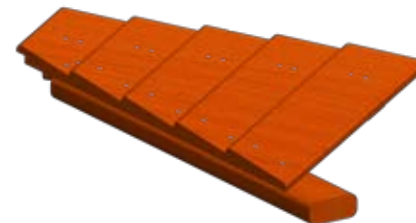


WR-10

64-7-00242

Megadeck (L) Angled WR Panel

QTY. 1



MEGADECK FORT HARDWARE BAG

INSTALLER NOTE: (YOU MUST ASSEMBLE THIS PRODUCT IN ACCORDANCE WITH THESE ASSEMBLY INSTRUCTIONS. WHEN COMPLETE GIVE MANUAL TO OWNER.)

MFH-1
40-1-00001
3/8" Acorn Nut
QTY. 10



MFH-2
40-1-00002
1/2" Acorn Nut
QTY. 15



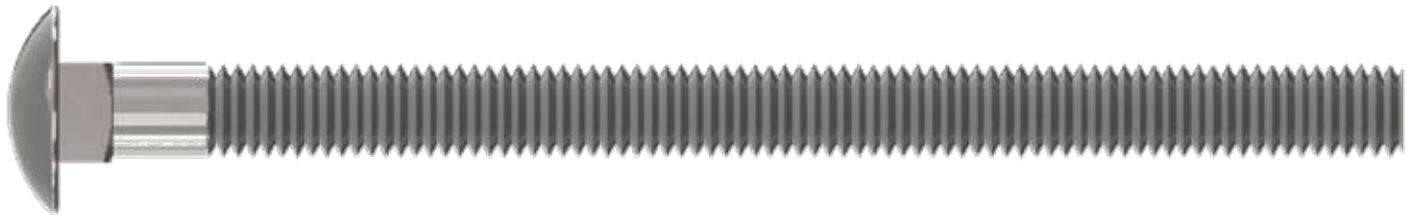
MFH-4
40-1-00020
1 5/8" Coated Deck Screw
QTY. 42



MFH-5
40-1-00022
2 1/2" Coated Deck Screws
QTY. 24



MFH-3
40-1-00013
1/2" x 7" Carriage Bolt
QTY. 12



MFH-6
40-1-00026
3/8" Hex Nut
QTY. 6



MFH-7
40-1-00028
1/2" Hex Nut
QTY. 15



MFH-8
40-1-00043
3/8" x 5" Hex Bolt
QTY. 6



MEASUREMENT TAKEN FROM BOTTOM OF BOLT HEAD TO THE BOTTOM OF BOLT



USE THE RULER TO MEASURE YOUR BOLTS AND SCREWS. HARDWARE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH HARDWARE SIZES.

MEGADECK FORT HARDWARE BAG

INSTALLER NOTE: (YOU MUST ASSEMBLE THIS PRODUCT IN ACCORDANCE WITH THESE ASSEMBLY INSTRUCTIONS. WHEN COMPLETE GIVE MANUAL TO OWNER.)

MFH-9

40-1-00054

1/4" x 2" Hex Lag Screw
QTY. 14



MFH-10

40-1-00055

1/4" x 3" Hex Lag Screw
QTY. 4



MFH-11

40-1-00056

1/4" x 4 1/2" Hex Lag Screw
QTY. 68



MFH-12

40-1-00059

3/8" x 3 1/2" Hex Lag Screw
QTY. 92



MFH-13

40-1-00064

3/8" Nylon Insert Locknut
QTY. 4



MFH-14

40-1-00069

#14 x 1 1/4" Pan Phillips T/S
QTY. 2



MFH-15

40-1-00070

#14 x 2" Pan Phillips T/S
QTY. 17



MFH-16

40-1-00073

3/8" Split Lockwasher
QTY. 10



MFH-17

40-1-00074

1/2" Split Lockwasher
QTY. 15



MFH-18

40-1-00078

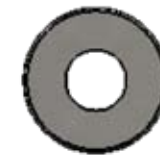
5/16" x 3/8" 3 Prong T-Nut
QTY. 12



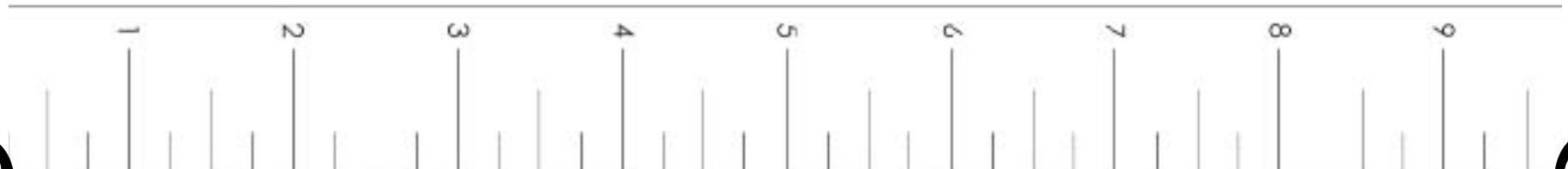
MFH-19

40-1-00081

1/4" USS Flatwasher
QTY. 103



MEASUREMENT TAKEN FROM BOTTOM OF BOLT HEAD TO THE BOTTOM OF BOLT



MEGADECK FORT HARDWARE BAG

INSTALLER NOTE: (YOU MUST ASSEMBLE THIS PRODUCT IN ACCORDANCE WITH THESE ASSEMBLY INSTRUCTIONS. WHEN COMPLETE GIVE MANUAL TO OWNER.)

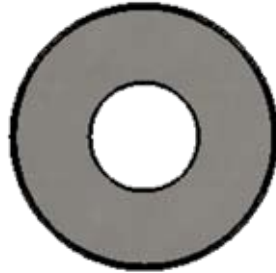
MFH-20
40-1-00082

3/8" USS Flatwasher
QTY. 110



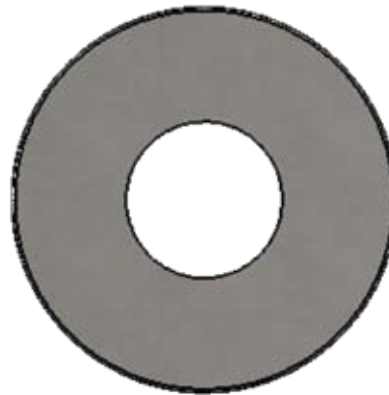
MFH-21
40-1-00083

1/2" USS Flatwasher
QTY. 24



MFH-22
40-1-00084

3/4" USS Flatwasher
QTY. 12



MFH-23
40-1-00105

5/16" x 1" Hex Bolt
QTY. 12

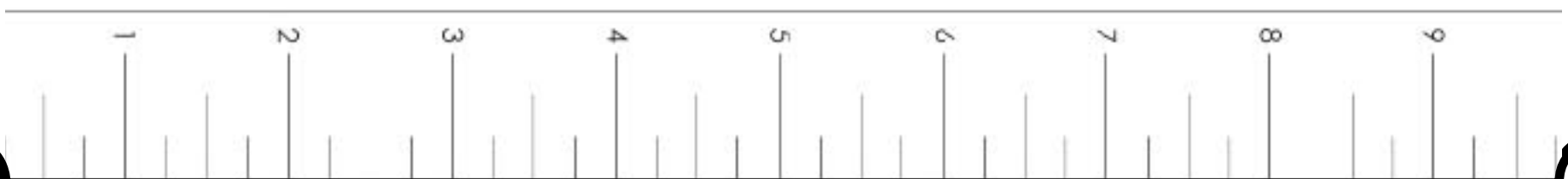


MFH-24
40-1-00109

1/2" x 9" Hex Bolt
QTY. 3



MEASUREMENT TAKEN FROM BOTTOM OF BOLT HEAD TO THE BOTTOM OF BOLT



MEGADECK FORT HARDWARE BAG

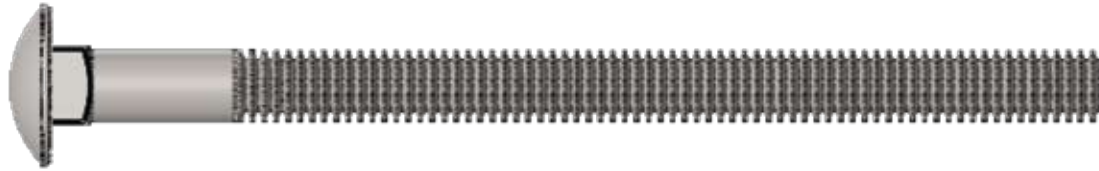
INSTALLER NOTE: (YOU MUST ASSEMBLE THIS PRODUCT IN ACCORDANCE WITH THESE ASSEMBLY INSTRUCTIONS. WHEN COMPLETE GIVE MANUAL TO OWNER.)

MFH-25

40-1-00115

3/8" x 5 1/2" Carriage Bolt

QTY. 6



MFH-26

41-1-00025

3/8" Bolt Cup

QTY. 4



Megadeck 5.4 Hardware Bag

5MH-3

40-1-00081

1/4" USS Flatwasher

QTY. 24



5MH-4

40-1-00082

3/8" USS Flatwasher

QTY. 2



5MH-1

40-1-00056

1/4" x 4 1/2" Hex Lag Screw

QTY. 24



5MH-2

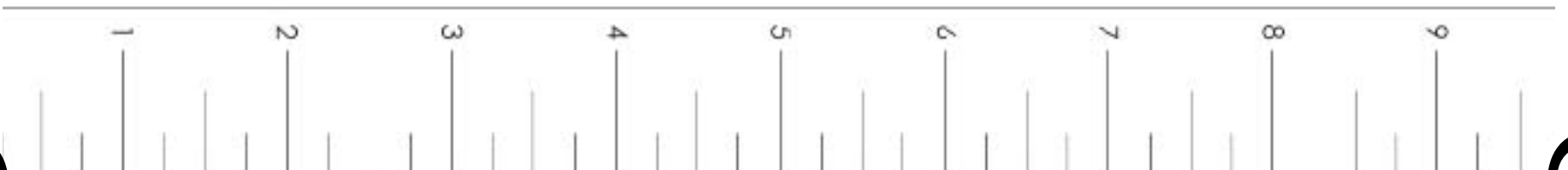
40-1-00061

3/8" x 5" Hex Lag Screw

QTY. 2



MEASUREMENT TAKEN FROM BOTTOM OF BOLT HEAD TO THE BOTTOM OF BOLT



5.4 FORT ROCKWALL HARDWARE BAG

INSTALLER NOTE: (YOU MUST ASSEMBLE THIS PRODUCT IN ACCORDANCE WITH THESE ASSEMBLY INSTRUCTIONS. WHEN COMPLETE GIVE MANUAL TO OWNER.)

RWH-1

40-1-00067

1/4" x 1 1/2" Pan Phillips M/S

QTY. 32



RWH-2

40-1-00077

1/4" x 7/16" T-Nut

QTY. 32

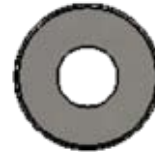


RWH-3

40-1-00081

1/4" USS Flatwasher

QTY. 32



RWH-5

40-1-00082

3/8" USS Flatwasher

QTY. 8



RWH-4

40-1-00061

3/8" x 5" Hex Lag Screw

QTY. 8



RWH-6

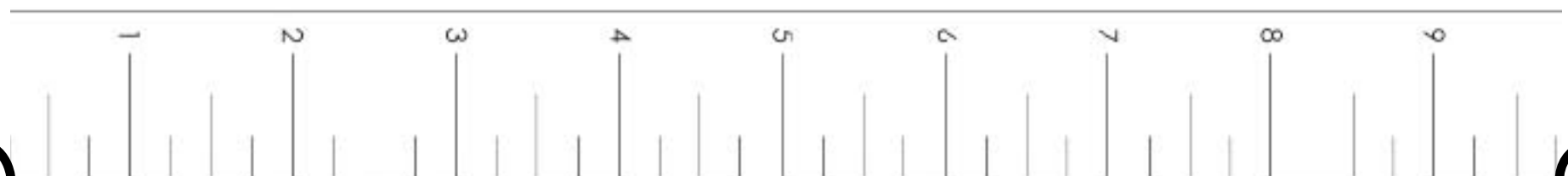
40-1-00022

2 1/2" Coated Deck Screw

QTY. 56



MEASUREMENT TAKEN FROM BOTTOM OF BOLT HEAD TO THE BOTTOM OF BOLT



Megadeck Fort- Standard Box

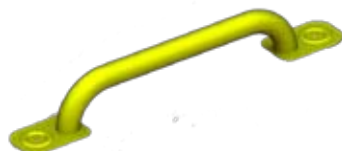
MST-1
59-1-00013
Tree Frogs Plaque
QTY. 1



MST-5
59-1-00011
Spring Clips 10 x 100mm
QTY. 2



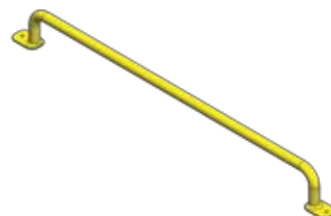
MST-2
57-2-00004
1 1/4" Playgrip Safety Handle
QTY. 5



MST-6
58-1-00013
Fort Ladder Bracket
QTY. 1



MST-3
57-2-00005
1 1/4" Playgrip Ladder Handle
QTY. 2



MST-4
56-1-00012
Ductile Iron Swing Hanger
QTY. 2



5.4 Megadeck Fort Box A. & B.

BXA-1
37-1-00018
19" Ship's Wheel- Yellow
QTY. 1



BXA-2 & BXB-2
37-1-00021
Telescope
QTY. 1



BXA-3 & BXB-3
60-1-00006
20" Trapeze Bar w/ 43 Chain- Yellow
QTY. 1



BXB-1
37-1-00019
19" Ship's Wheel- Green
QTY. 1



5.4 Fort Rockwall Box (Multi- Color and Green)

RWB-1
36-1-00023
Large Rock- (Multi Color)
QTY. 16



RWG-1
36-1-00024
Large Rock- Green
QTY. 16



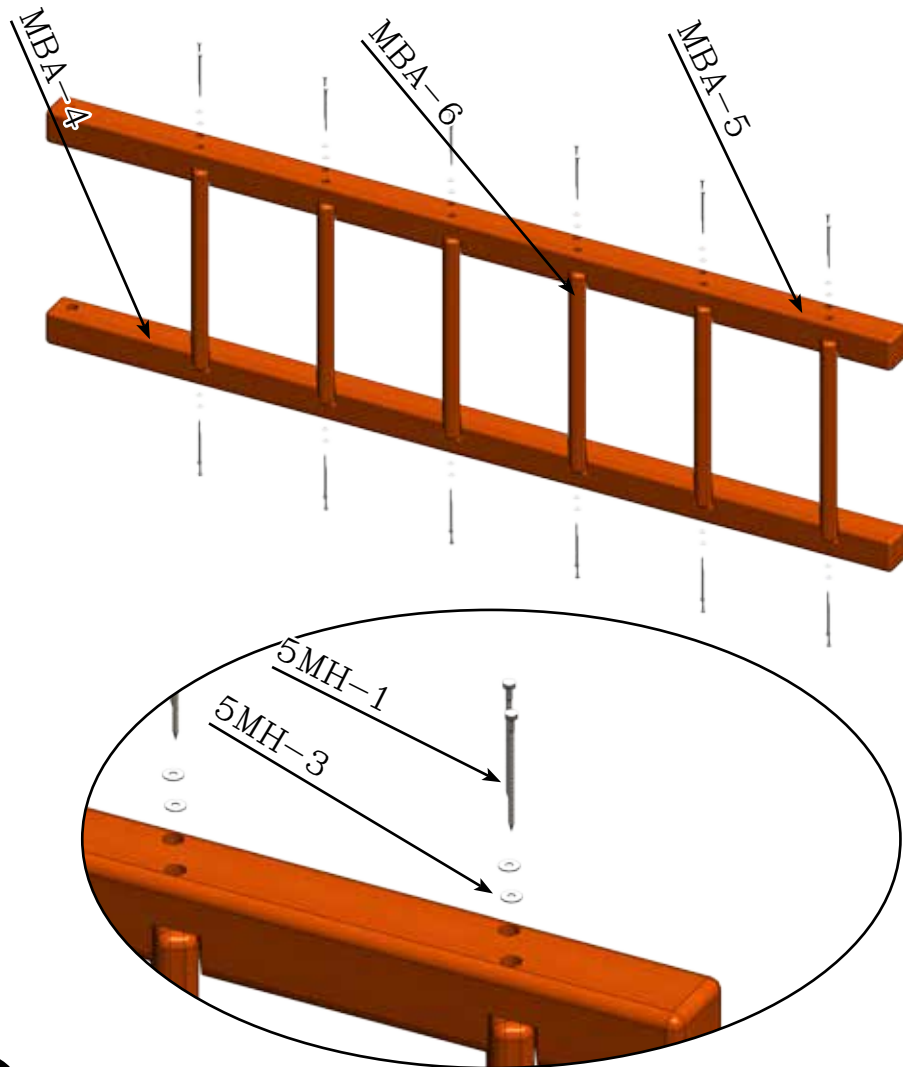
RWB-2 & RWG-2
65-7-00017
14' Yellow Rope
QTY. 1



Ladder Assembly

Parts Needed

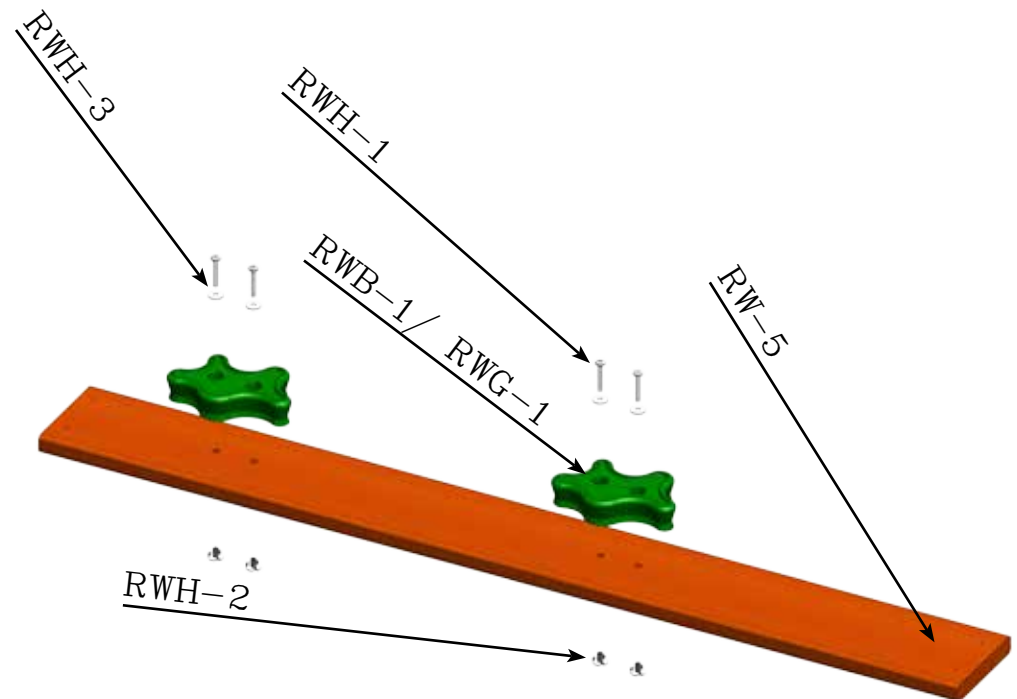
MBA-4- 86" Fort (L) Ladder Leg-	(1)
MBA-5- 86" Fort (R) Ladder Leg-	(1)
MBA-6- Universal Fort Ladder Leg-	(6)
RW-5- Uni. Fort RW Board w/ Rock Holes-	(8)
RWB-1/ RWG-1- Rockwall Rocks-	(16)



RW Board Assembly

Parts Needed

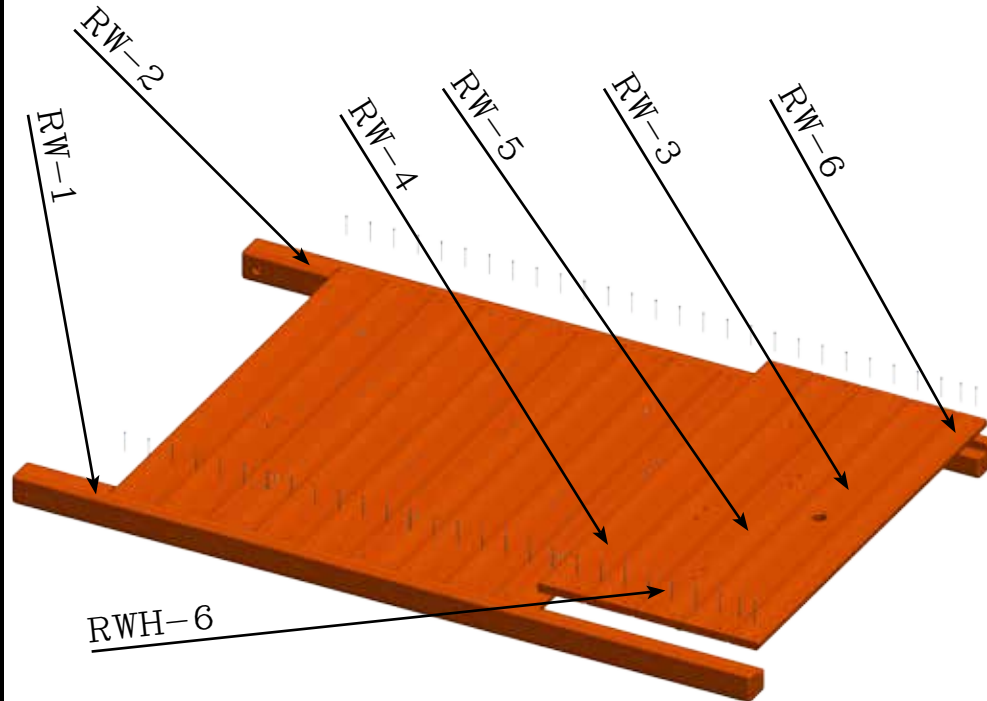
5MH-1- 1/4" x 4 1/2" Hex Lag Screw-	(24)
5MH-3- 1/4" USS Flatwasher-	(24)
RWH-1- 1 1/4" Pan Phillips M/S-	(32)
RWH-3- 1/4" USS Flatwasher-	(32)
RWH-2- 1/4" x 7/16 T-Nut-	(32)



Rockwall Assembly

Parts Needed

RW-1- 85 1/2" Fort (L) Rockwall Ladder Leg-	(1)	RW-2- 85 1/2" Fort (R) RW Ladder Leg-	(1)
RW-3- Uni. Fort RW Board w/ Rope Hole-	(1)	RW-4- Uni. RW Board Blank-	(4)
RW-5- Uni. Fort RW Board w/ Rocks-	(8)	RW-6- Uni Small RW Board Blank-	(1)
UD-1- Small Deck Board-	(8)	UD-2- Large Deck Board-	(6)
UD-3- Deck Runners-	(4)	UD-4- Deck Support-	(2)

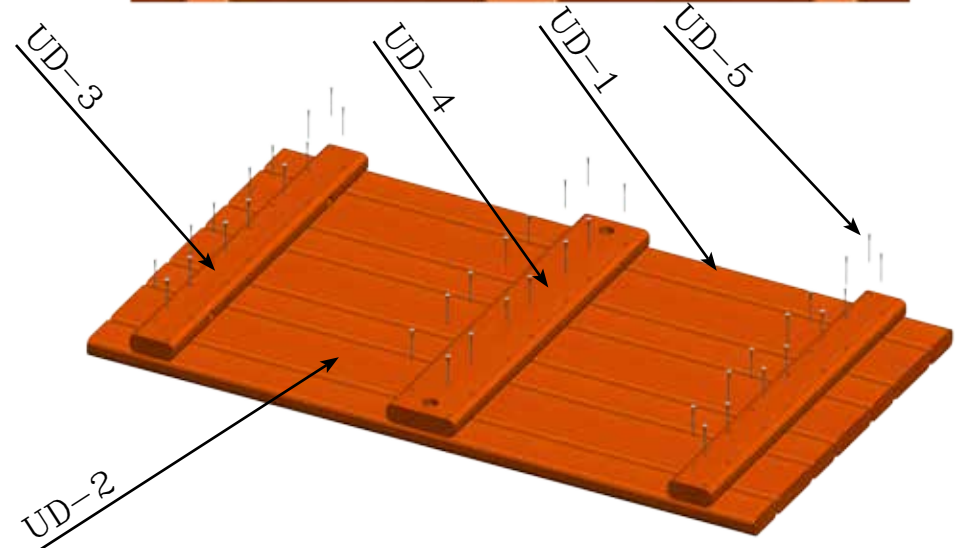


Universal Deck Assembly

Parts Needed

RWH-6- 2 1/2" Coated Deck Screws-	(56)
UD-5- 2 1/2" Coated Deck Screws-	(42)

DO THIS STEP TWICE

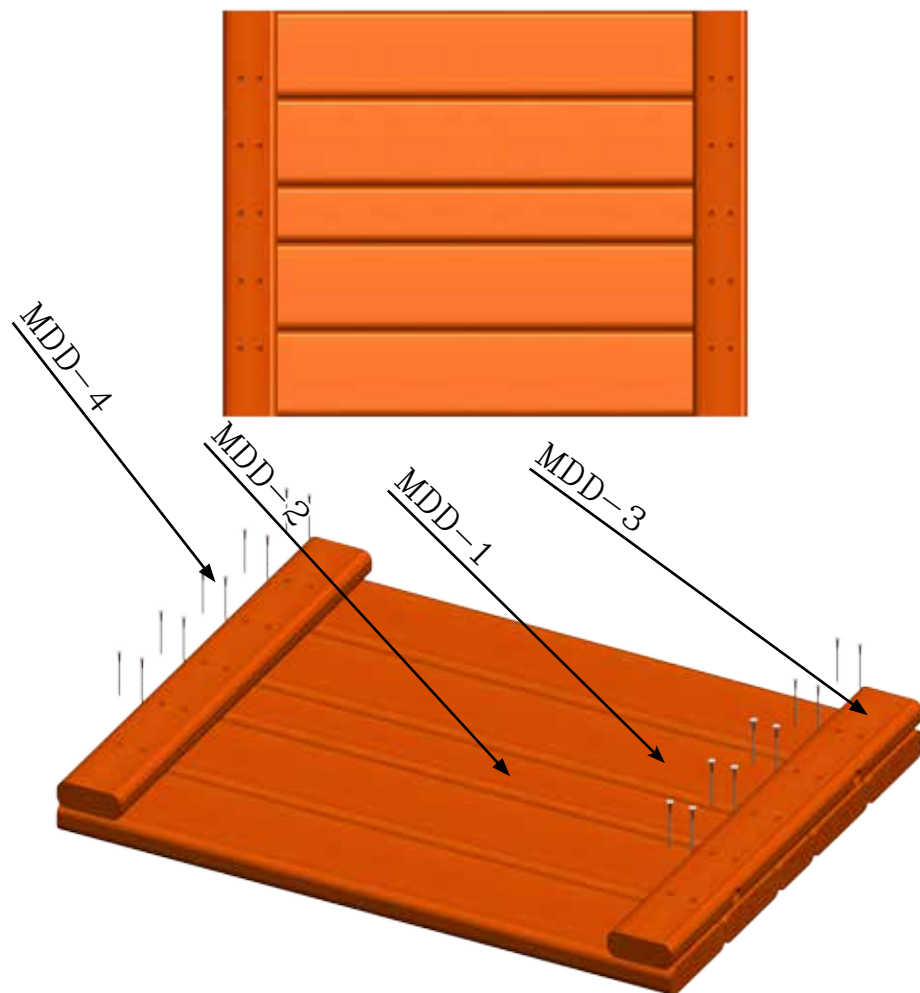


MegaDeck Decks Assembly

Parts Needed

MDD-1- Large Deck Board-	(8)	MDD-2- Small Deck Board-	(2)
MDD-3- Deck Runner-	(4)	MBA-1- 116" Fort Corner Post-	(2)
MBA-2- 116" Mega Deck Corner Post-	(1)	MB2-2- Universal 8 Hole Facia-	(3)
MB2-3- 14 Hole Megadeck Facia-	(1)		

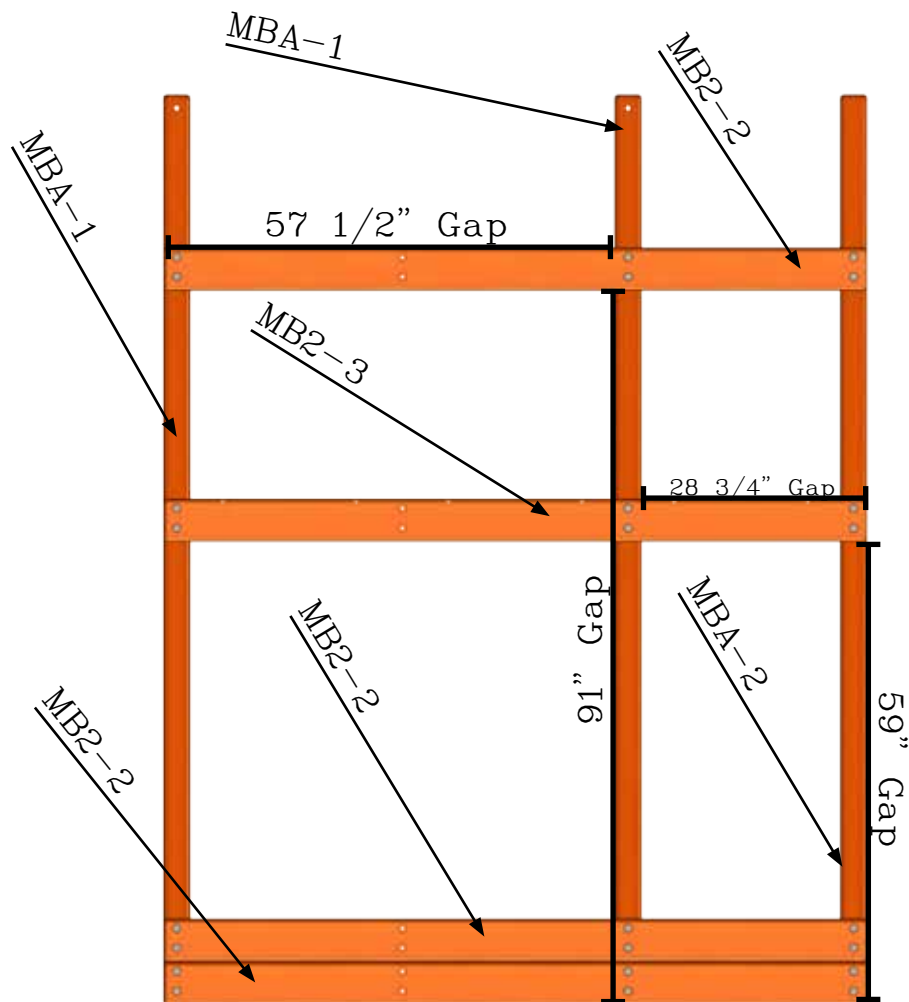
DO THIS STEP TWICE



(L) Fort Side Assembly Spacing

Parts Needed

MDD-4- 2 1/2" Coated Deck Screws-	(40)
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(L) Fort Side Assembly

Parts Needed

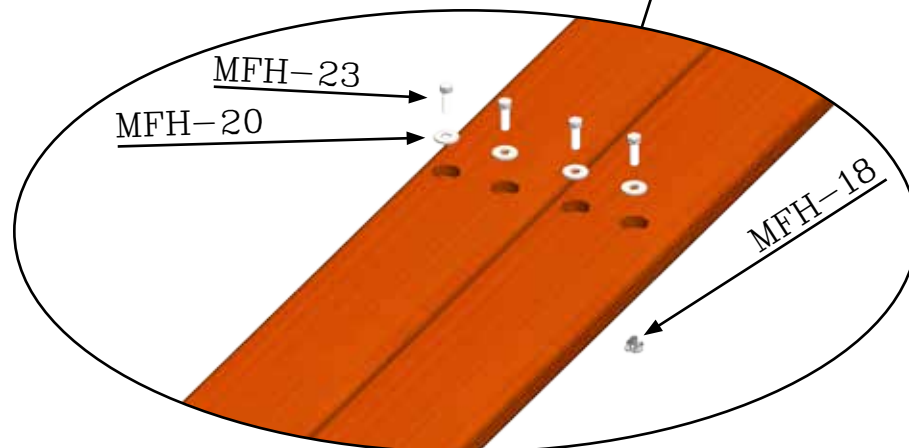
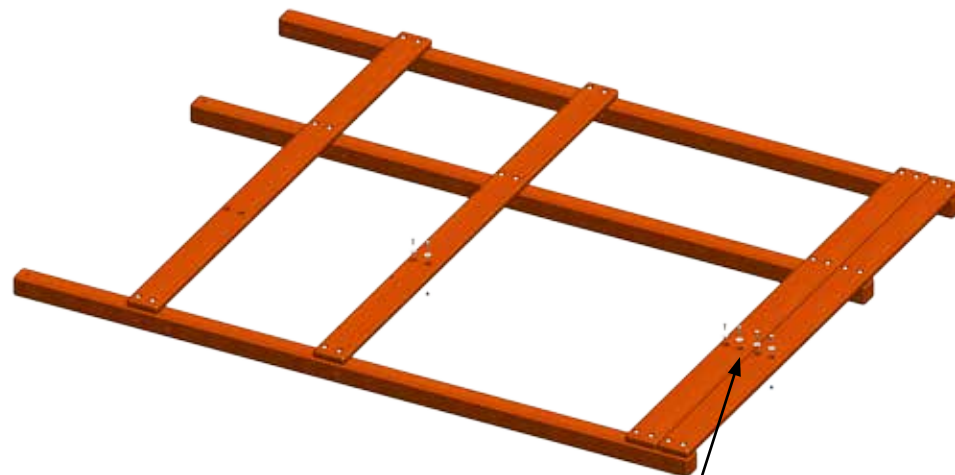
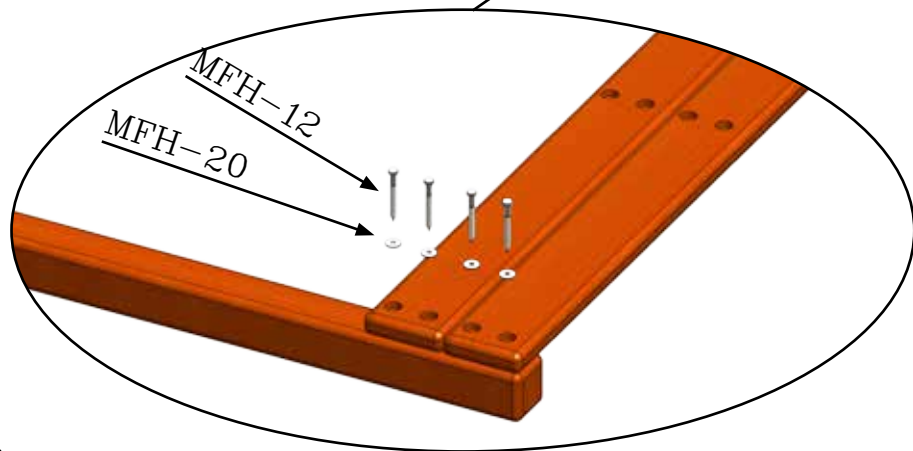
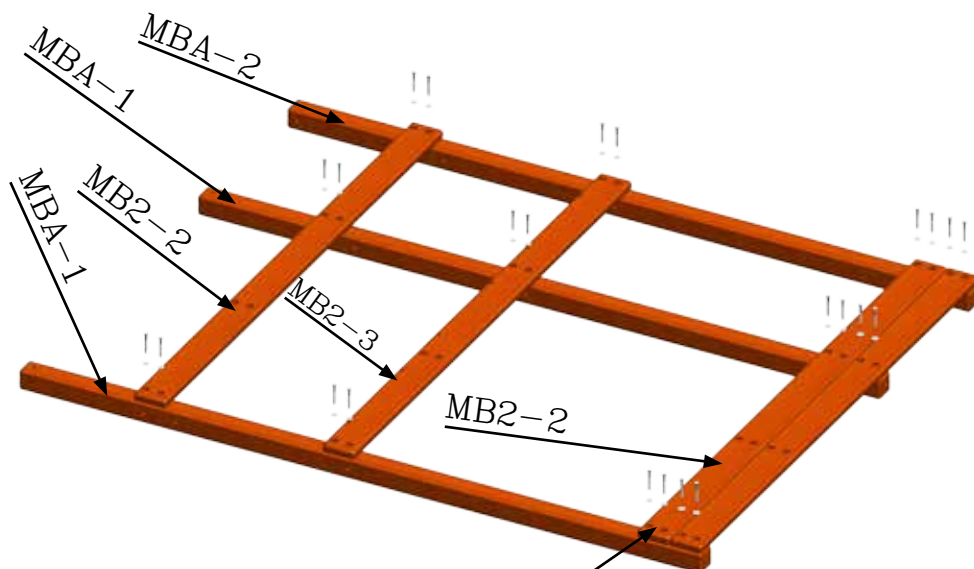
MBA-1- 116" Fort Corner Post-
MB2-2- Universal 8 Hole Facia-

(2) MBA-2- 116" Megadeck Corner Post-
(3) MB2-3- 14 Hole Megadeck Facia-

(1)
(1)

Parts Needed

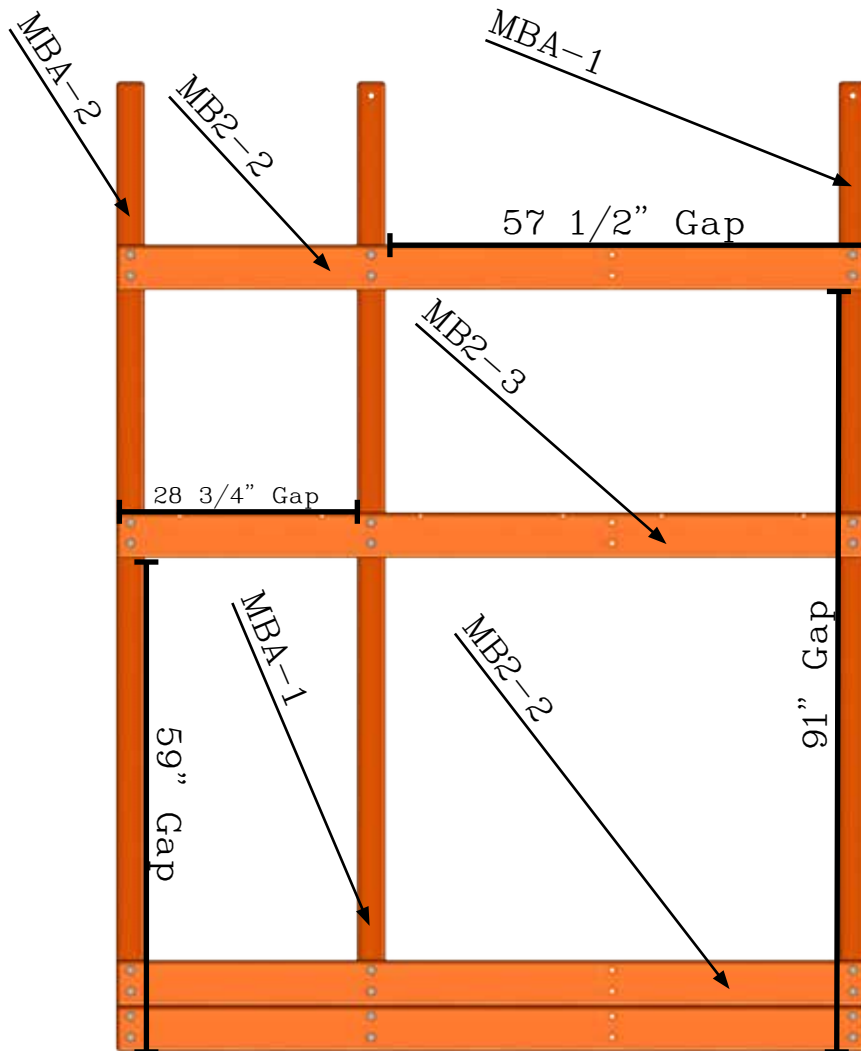
MFH-12- 3/8" x 3 1/2" Hex Lag Screw- (24)
MFH-18- 5/16 T-Nut- (6)
MFH-20- 3/8" USS Flatwasher- (30)
MFH-23- 5/16" x 1" Hex Nut- (6)



(R) Fort Side Assembly Spacing

Parts Needed

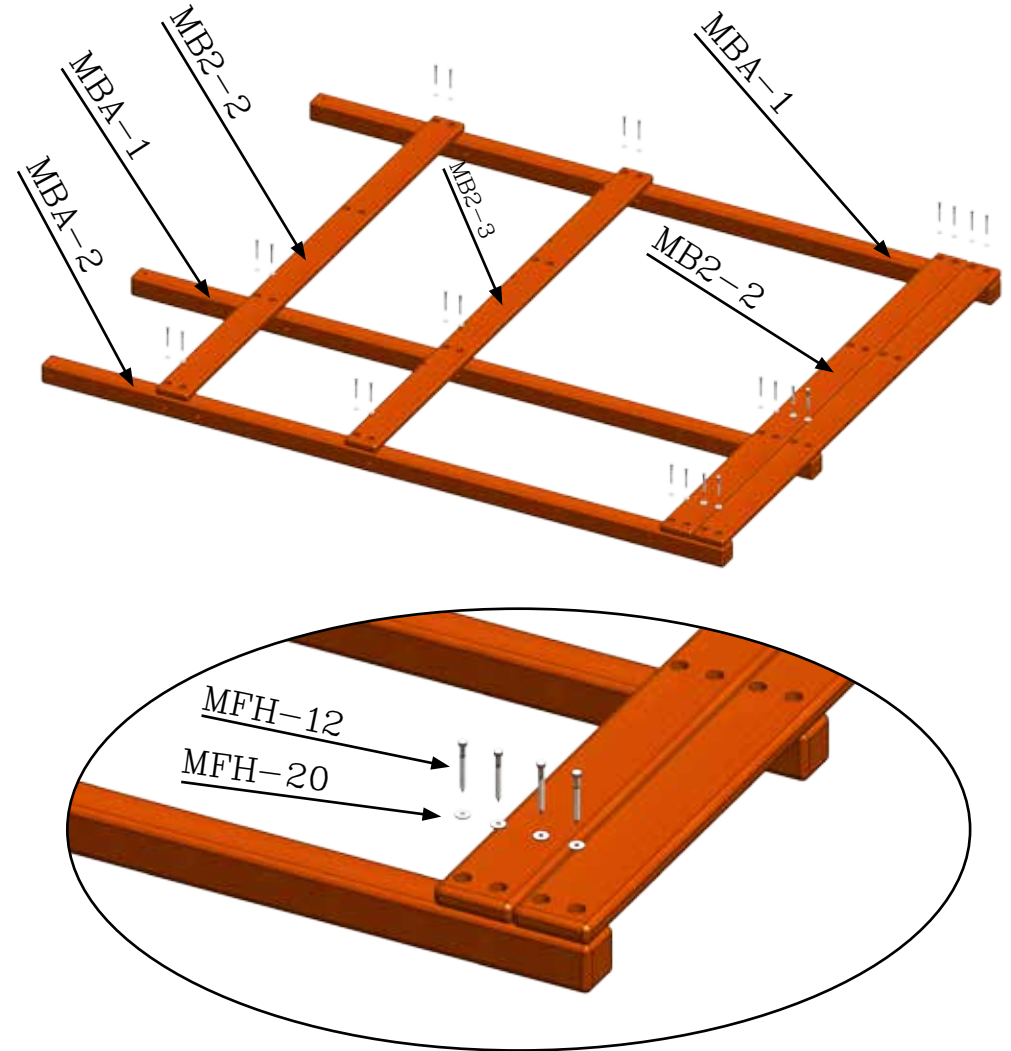
MBA-1- 116" Fort Corner Post-	(2)	MBA-2- 116" Mega Deck Corner Post-	(1)
MB2-2- Universal 8 Hole Facia-	(3)	MB2-3- 14 Hole Megadeck Facia-	(1)



(R) Fort Side Assembly

Parts Needed

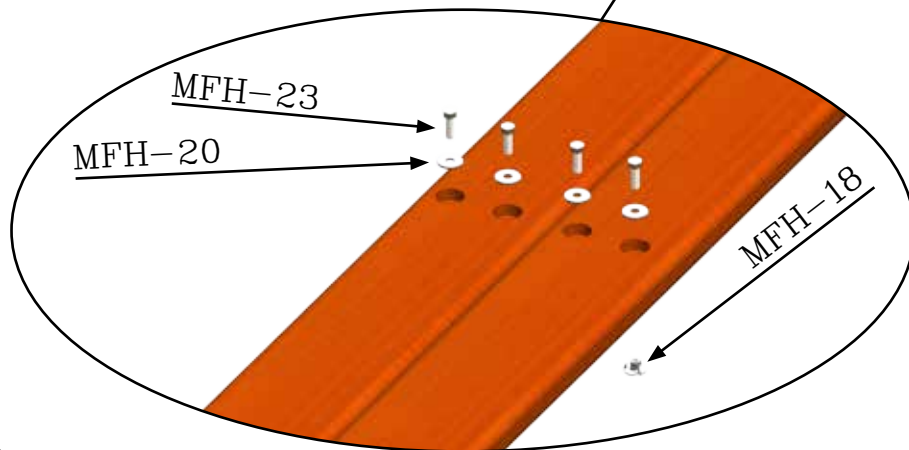
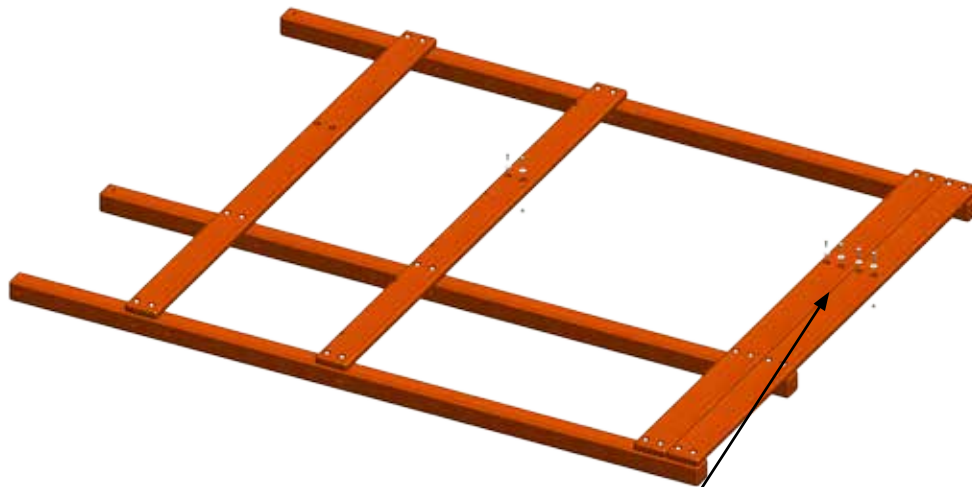
MFH-12- 3/8" x 3 1/2" Hex Lag Screw-	(24)
MFH-20- 3/8" USS Flatwasher-	(24)



(R) Fort Side Assembly

Parts Needed

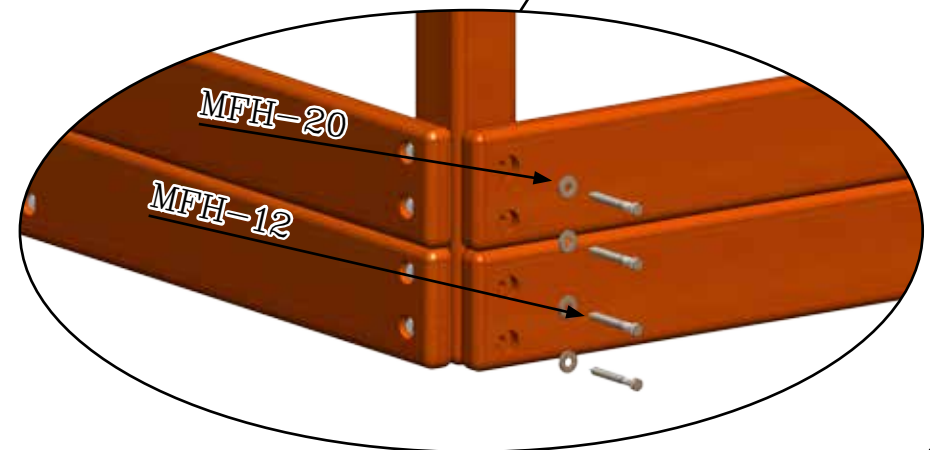
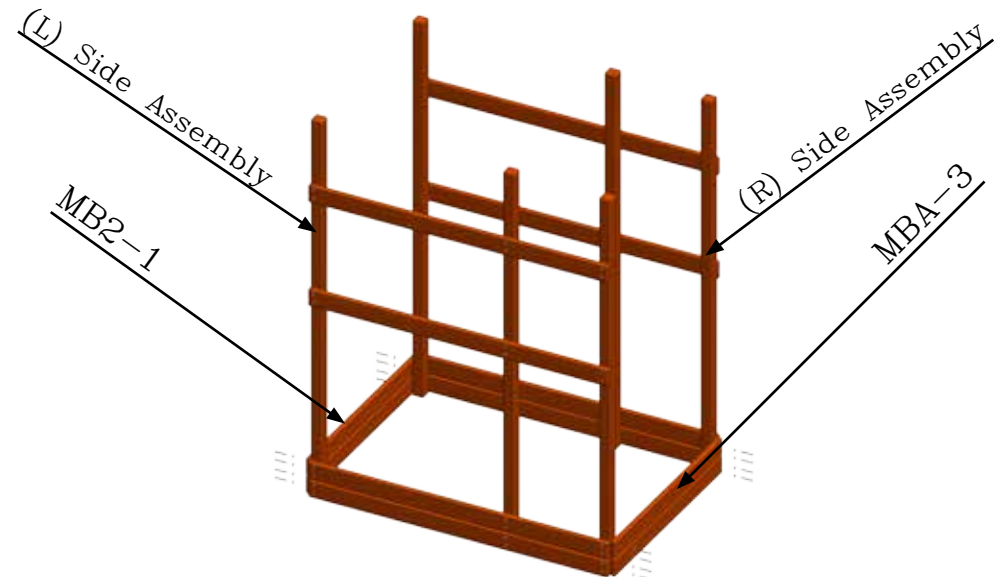
MBA-3- Universal Fort 4 Hole Facia- (1)
 MB2-1- Universal Fort 4 Hole Facia- (3)



Main Fort Assembly

Parts Needed

MFH-12- 3/8" x 3 1/2" Hex Lag Screw- (16)
 MFH-18- 5/16 T-Nut- (6)
 MFH-20- 3/8" USS Flatwasher- (22)
 MFH-23- 5/16" x 1" Hex Nut- (6)



Main Fort Assembly

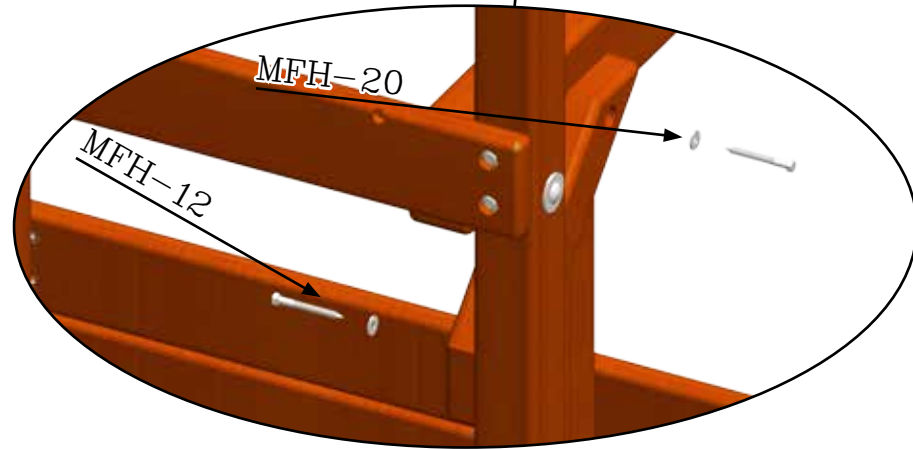
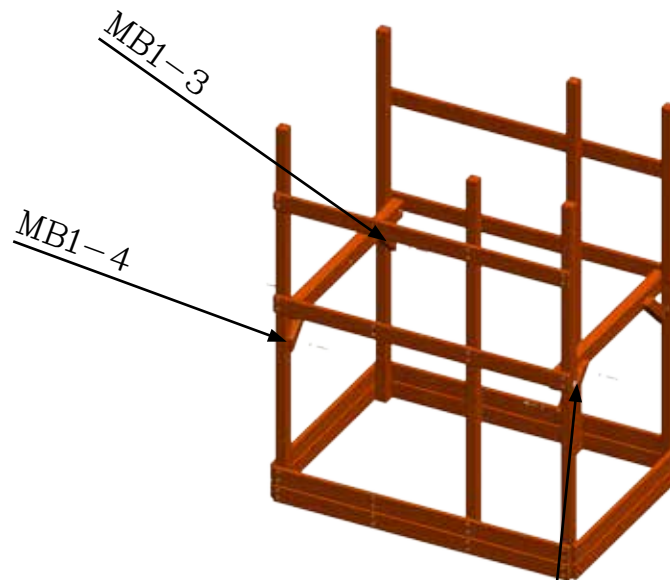
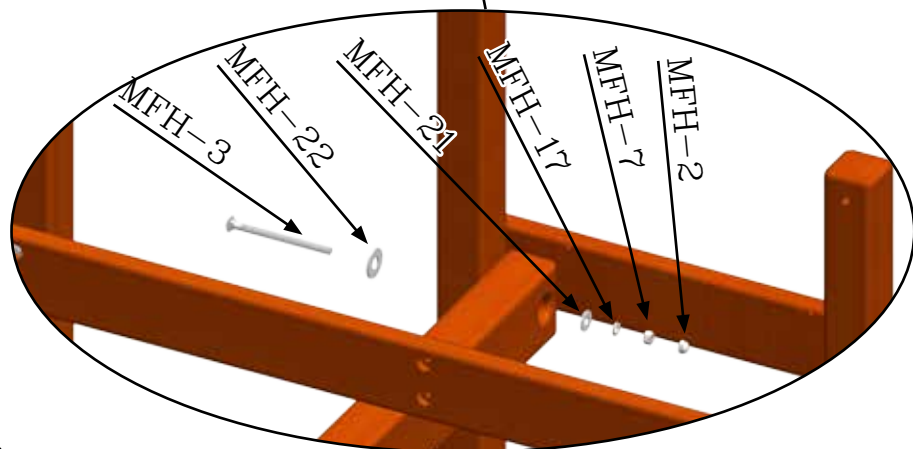
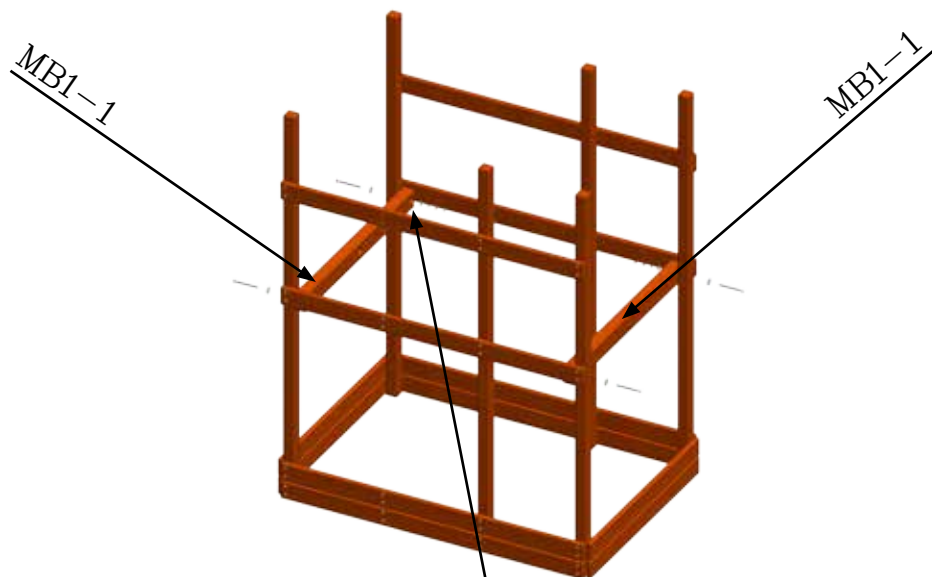
Parts Needed

MB1-1- Universal Fort Mainbeam- (2)
 MB1-3- (L) Gusset Bracket- (2)
 MB1-4- (R) Gusset Bracket- (2)

MFH-3- 1/2" x 7" Carriage Bolt- (4)
 MFH-7- 1/2" Hex Nut- (4)
 MFH-21- 1/2" USS Flatwasher- (4)
 MFH-20- 3/8" USS Flatwasher- (8)

Parts Needed

MFH-2- 1/2" Acorn Nut- (4)
 MFH-17- 1/2" Split Lockwasher- (4)
 MFH-22- 3/4" USS Flatwasher- (4)
 MFH-12- 3/8" x 3 1/2" Hex Lag Screw- (8)



Main Fort Assembly

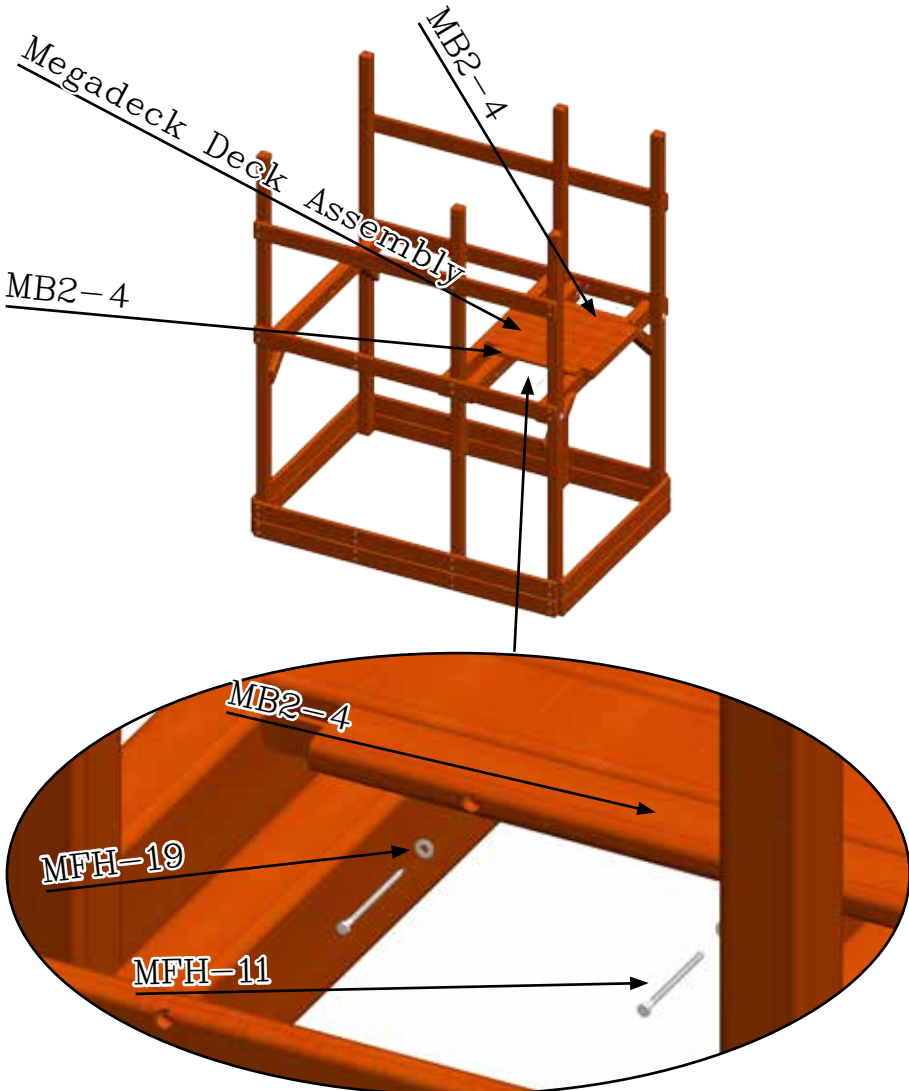
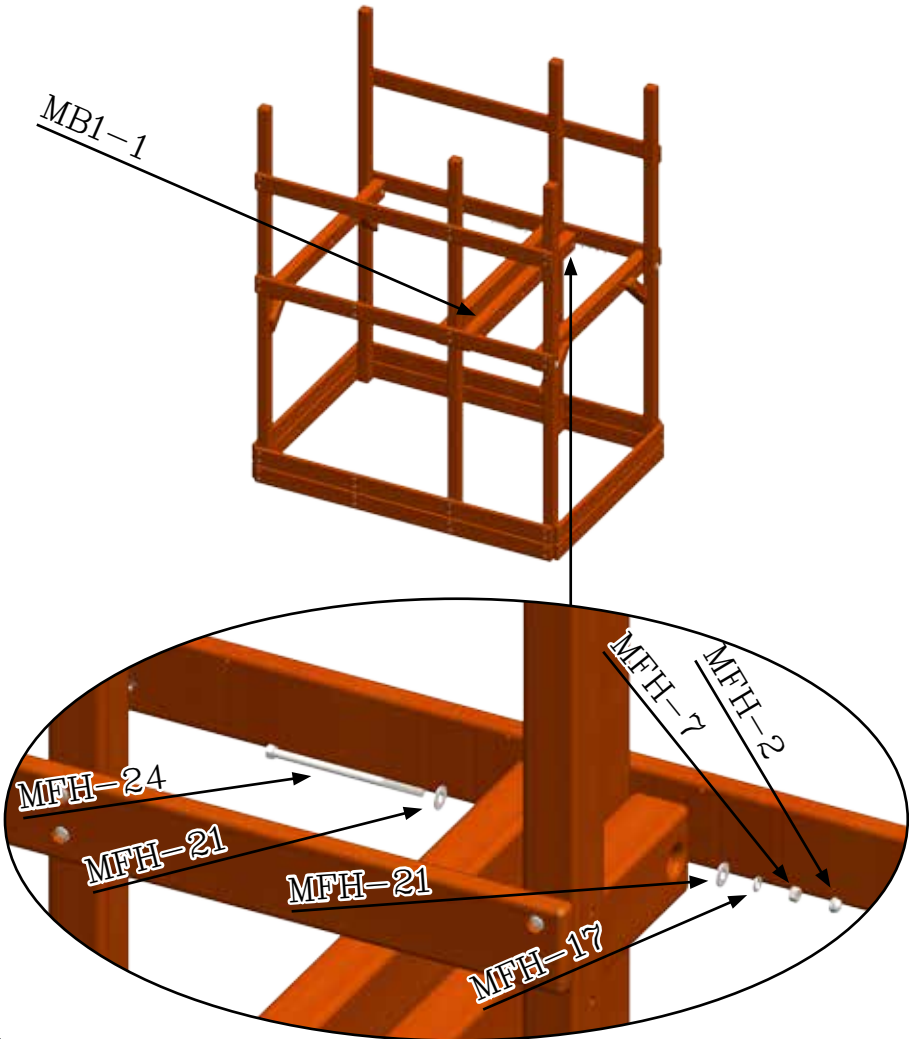
Parts Needed

MB1-1- Universal Fort Main Beam- (2)
MB2-4- Universal Filler- (2)

MFH-2- 1/2" Acorn Nut- (2)
MFH-17- 1/2" Split Lockwasher- (2)
MFH-24- 1/2" x 9" Hex Bolt- (2)
MFH-11- 1/4" x 4 1/2" Hex Lag Screw- (4)

Parts Needed

MFH-7- 1/2" Hex Nut- (2)
MFH-21- 1/2" USS Flatwasher- (4)
MFH-19- 1/4" USS Flatwasher- (4)



Main Fort Assembly

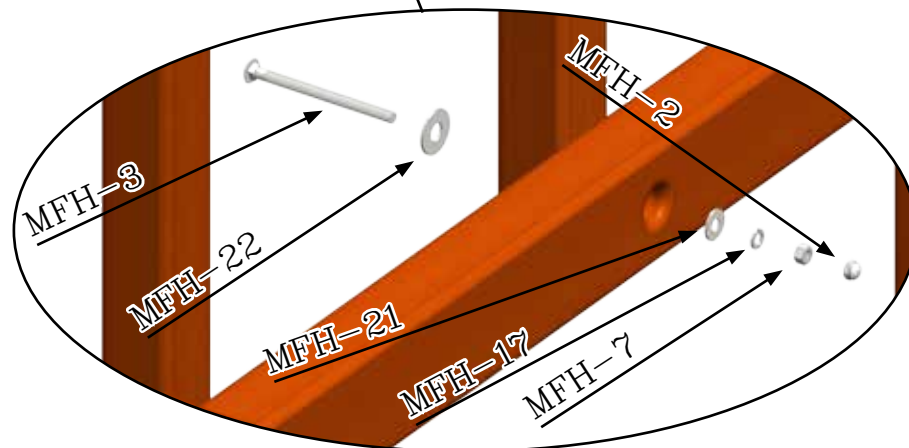
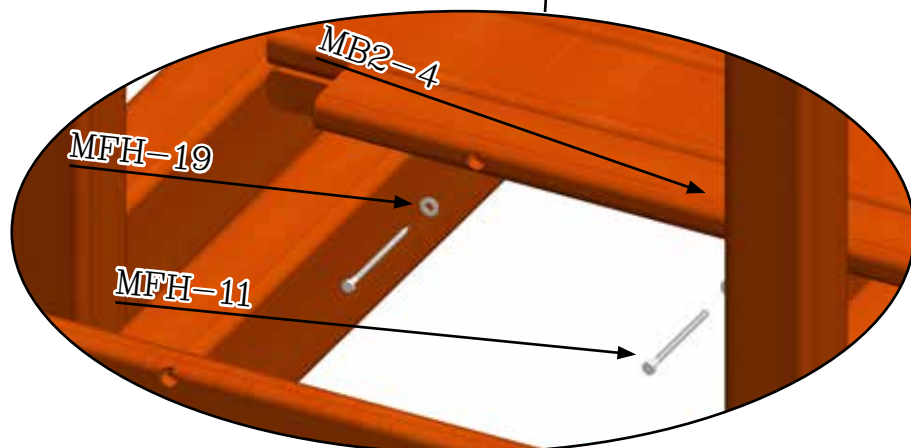
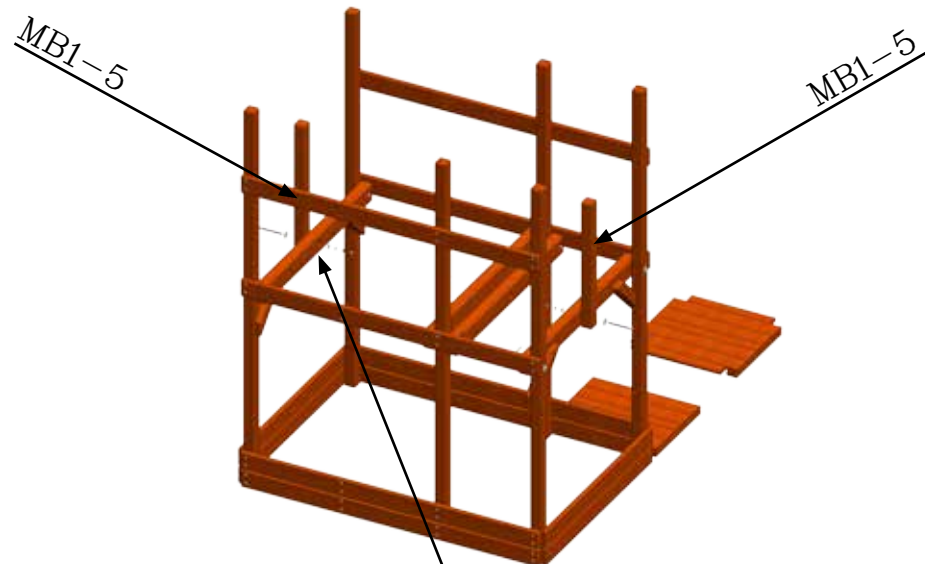
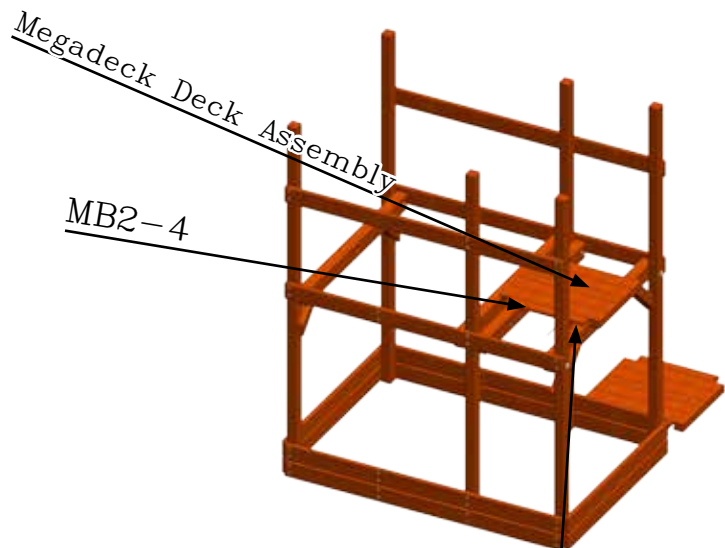
Parts Needed

Megadeck Deck Assembly- (1)
 MB2-4- Universal Filler- (1)
 MB1-5- Universal Fort Upright- (2)

MFH-3- 1/2" x 7" Carriage Bolt- (2)
 MFH-7- 1/2" Hex Nut- (2)
 MFH-21- 1/2" USS Flatwasher- (2)
 MFH-19- 1/4" USS FLatwasher- (2)

Parts Needed

MFH-2- 1/2" Acorn Nut- (2)
 MFH-17- 1/2" Split Lockwasher- (2)
 MFH-22- 3/4" USS Flatwasher- (2)
 MFH-11- 1/4" x 4 1/2" Hex Lag Screw- (2)



Main Fort Assembly

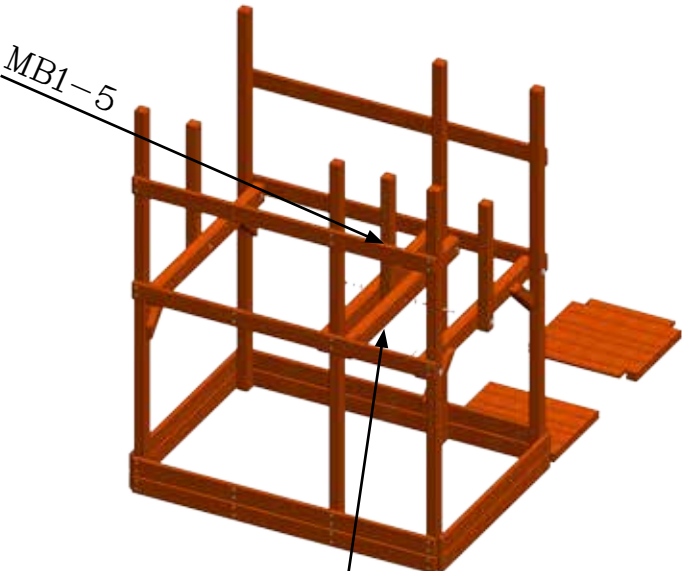
Parts Needed

MB1-5- Universal Fort Upright- (2)
Megadeck Decks- (2)

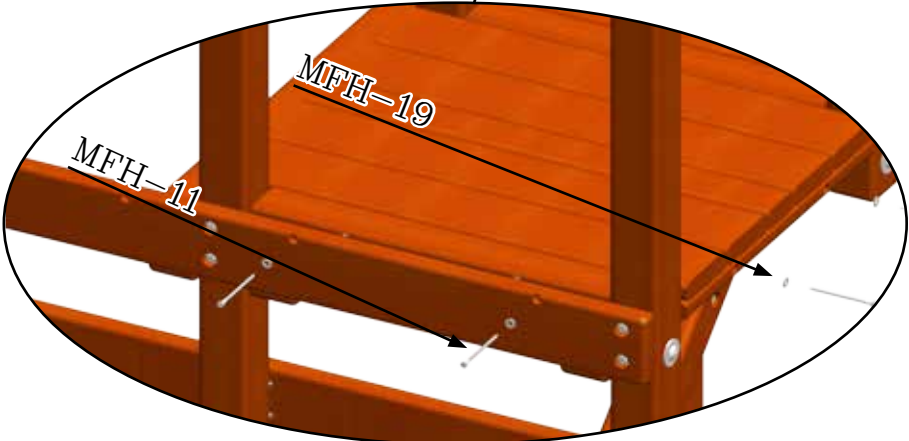
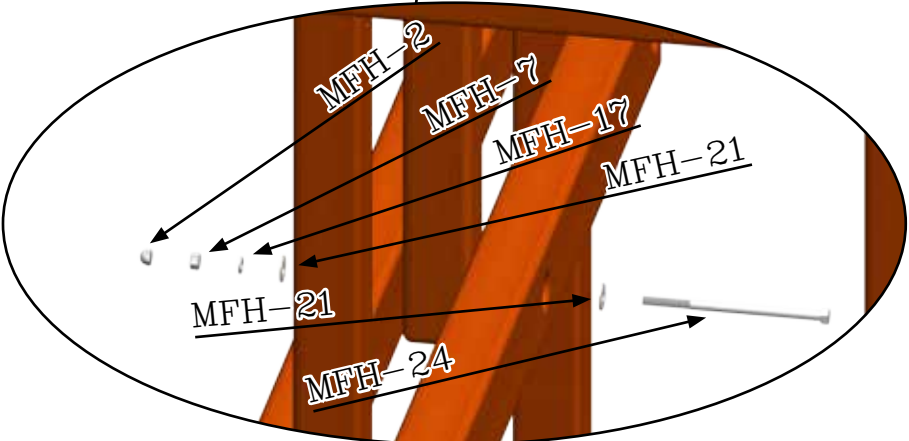
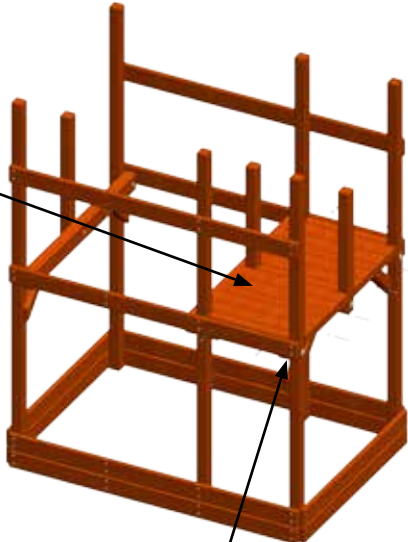
MFH-2- 1/2" Acorn Nut- (1)
MFH-17- 1/2" Split Lockwasher- (1)
MFH-24- 1/2" x 9" Hex Bolt- (1)
MFH-11- 1/4" x 4 1/2" Hex Lag Screw- (8)

Parts Needed

MFH-7- 1/2" Hex Nut- (1)
MFH-21- 1/2" USS Flatwasher- (2)
MFH-19- 1/4" USS Flatwasher- (8)



Megadeck Decks



Main Fort Assembly

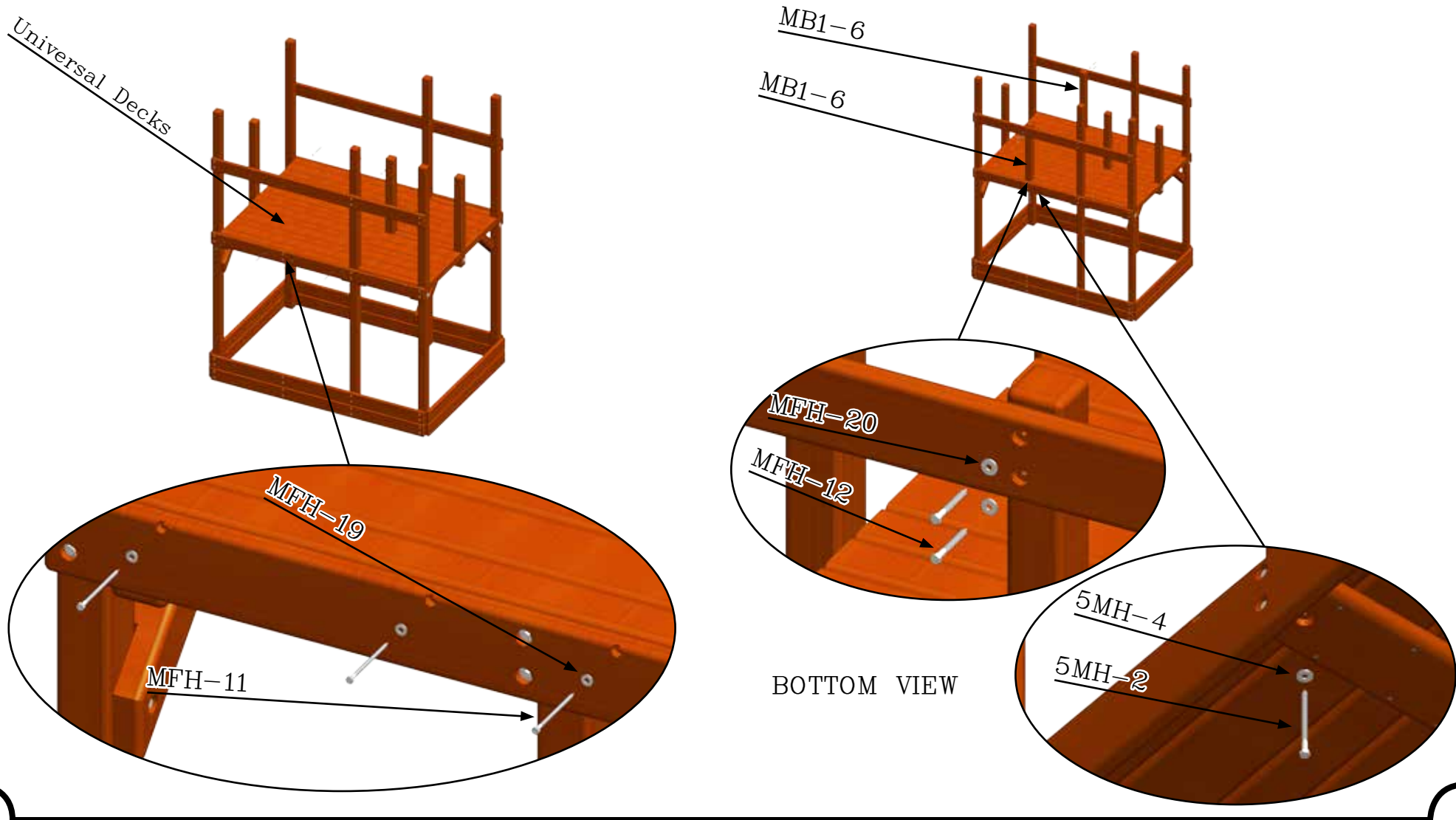
Parts Needed

Universal Decks- (2)
MB1-6- Uni Fort Wood roof Center Post- (2)

MFH-19- 1/4" USS FLatwasher- (6)
MFH-20- 3/8" USS Flatwasher- (4)
5MH-2- 3/8" x 5" Hex Lag Screw- (2)

Parts Needed

MFH-11- 1/4" x 4 1/2" Hex Lag Screw- (6)
MFH-12- 3/8" x 3 1/2" Hex Lag Screw- (4)
5MH-4- 3/8" USS Flatwasher- (2)



Main Fort Assembly

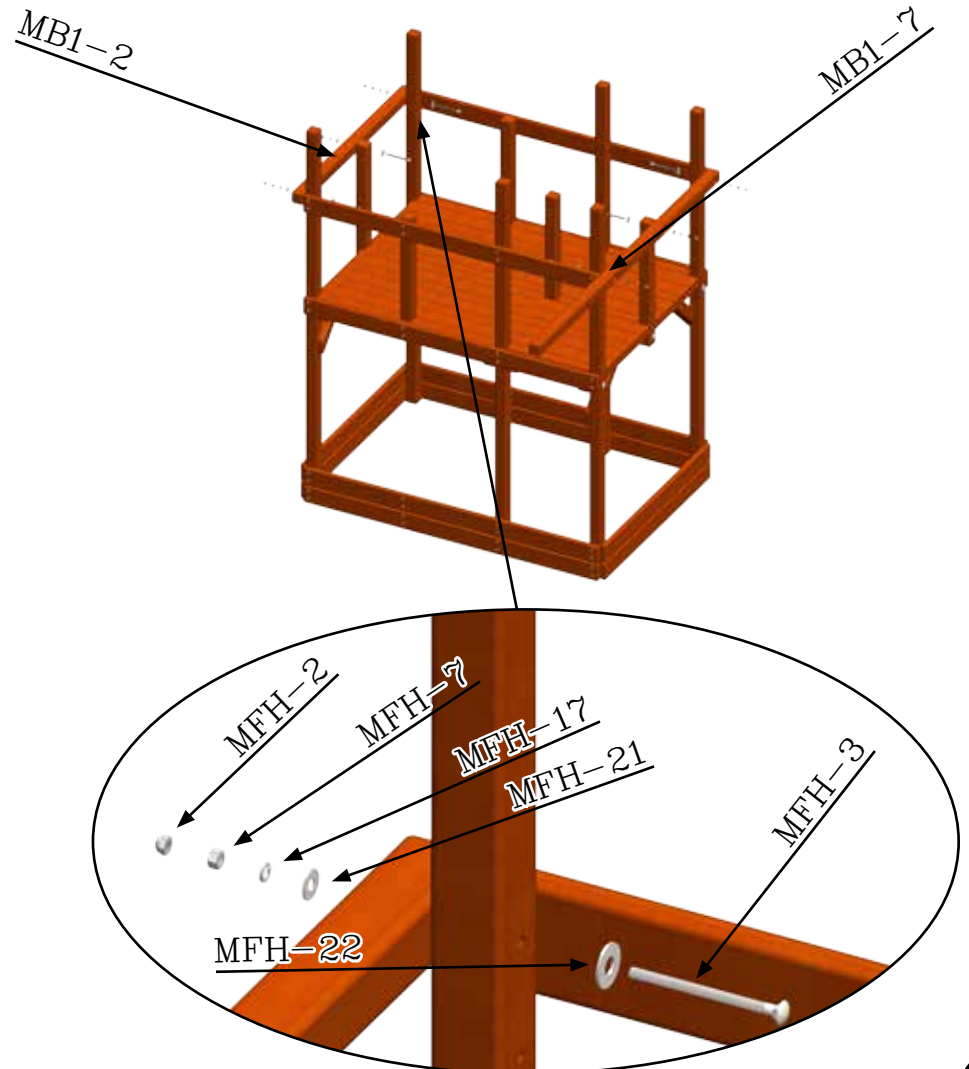
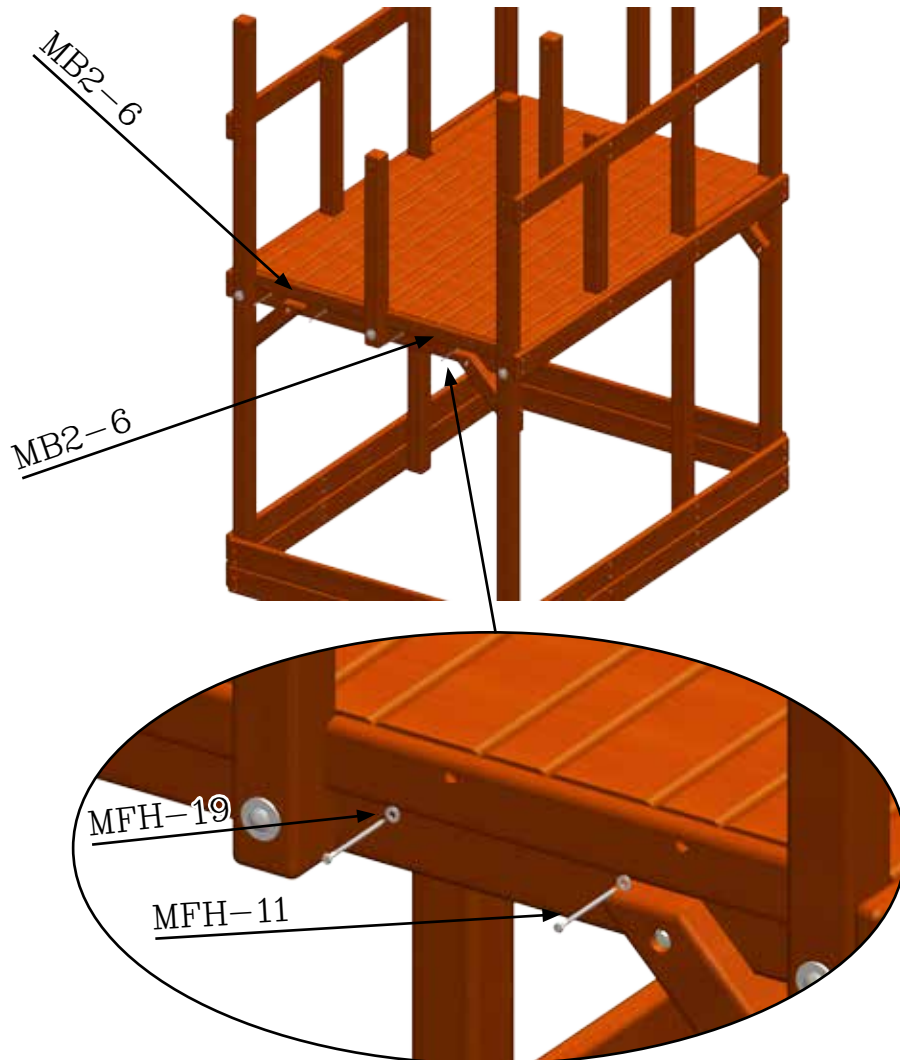
Parts Needed

MB2-6- Universal Rail Bottom- (2)
 MB1-2- Uni. Fort Top Joist SB- (1)
 MB1-7- Uni. Fort Trapeze Arm- (1)

MFH-19- 1/4" USS Flatwasher- (4)
 MFH-3- 1/2" x 7" Carriage Bolt- (6)
 MFH-21- 1/2" USS Flatwasher- (6)
 MFH-7- 1/2" Hex Nut- (6)

Parts Needed

MFH-11- 1/4" x 4 1/2" Hex Lag Screw- (4)
 MFH-22- 3/4" USS Flatwasher- (6)
 MFH-17- 1/2" Split Lockwasher- (6)
 MFH-2- 1/2" Acorn Nut- (6)



Main Fort Assembly

Parts Needed

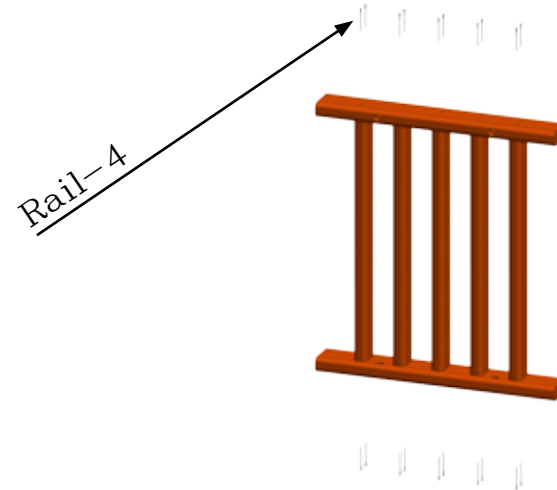
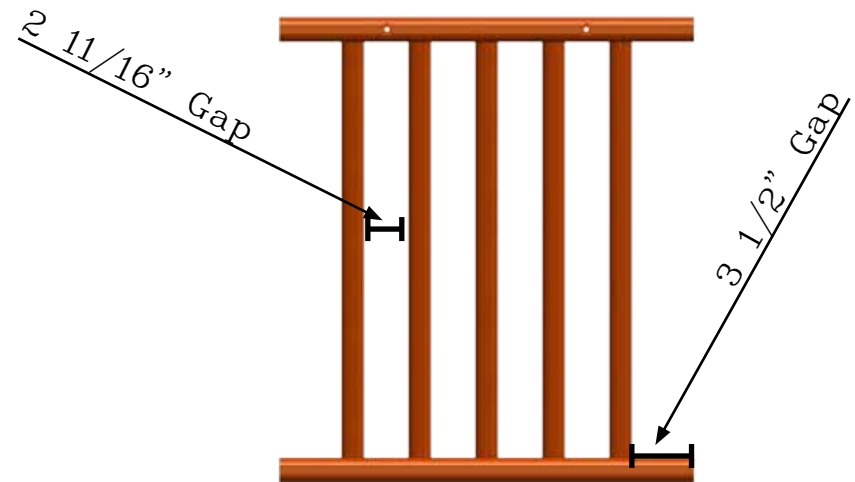
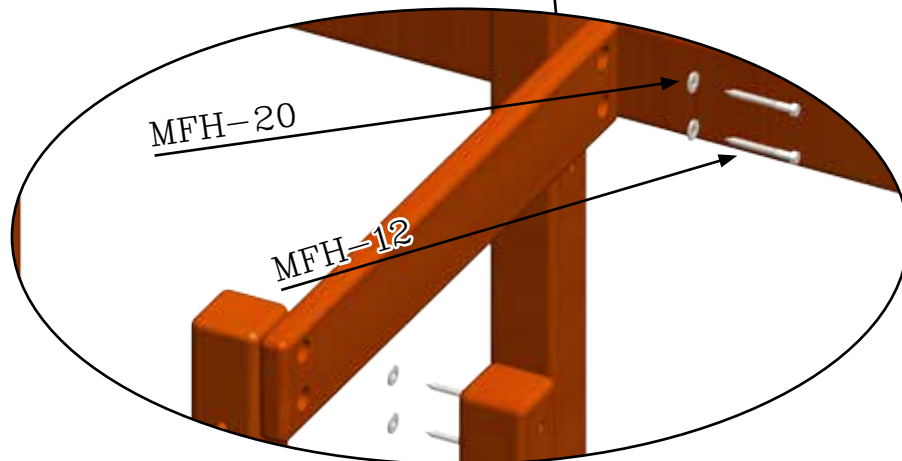
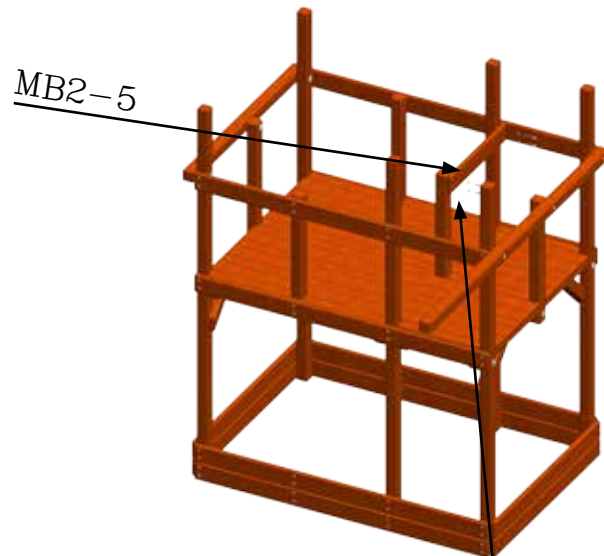
MB2-5- Fort Playhouse Panel Facia- (1)
Rail-1- Universal Rail Top- (7)
Rail-2- Universal Rail Bottom- (7)
Rail-3- Universal Rail Picket- (35)

MFH-20- 3/8" USS Flatwasher- (4)
Rail-4- 2 1/2" Coated Deck Screw- (140)

Rail Assembly

Parts Needed

MFH-12- 3/8" x 3 1/2" Hex Lag Screw- (4)



Main Fort Assembly

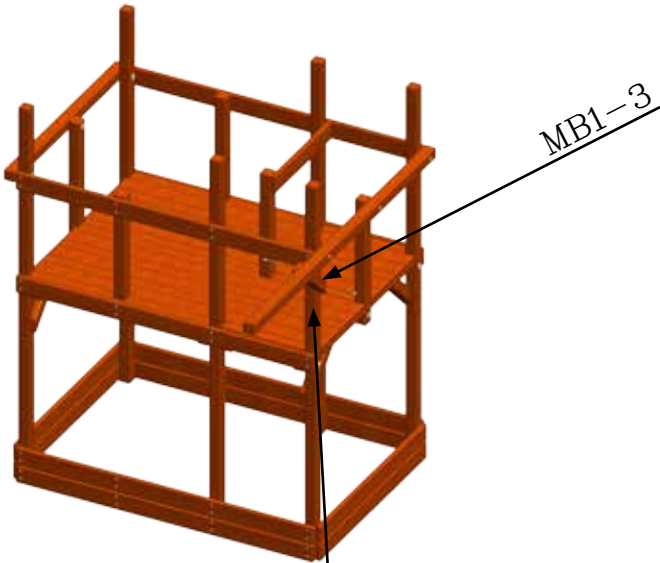
Parts Needed

MB1-3- (L) Gusset Bracket- (1)
Rail Assembly- (7)

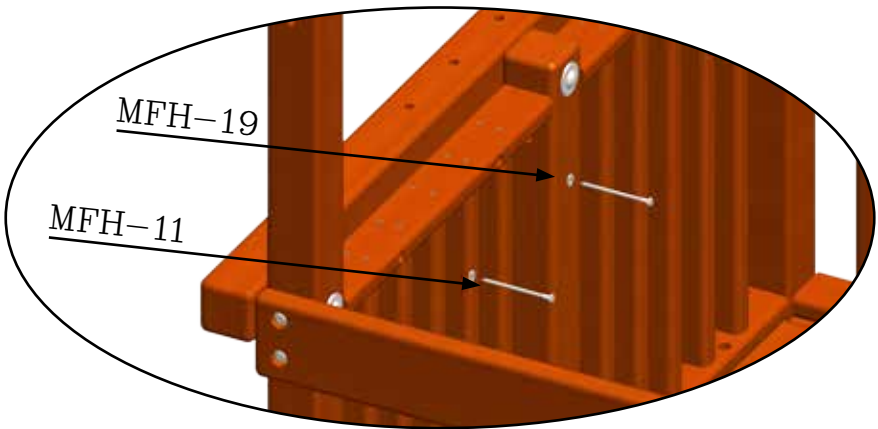
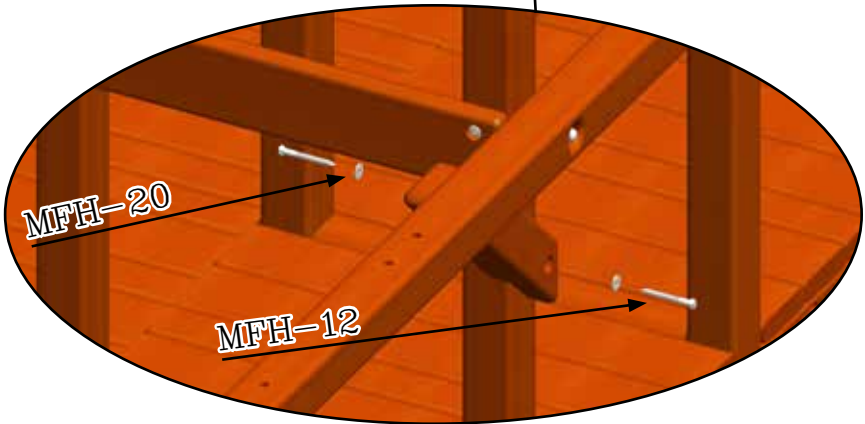
MFH-19- 1/4" USS Flatwasher- (14)
MFH-20- 3/8" USS Flatwasher- (2)

Parts Needed

MFH-11- 1/4" x 4 1/2" Hex Lag Screw- (14)
MFH-12- 3/8" x 3 1/2" Hex Lag Screw- (2)



Rail Assembly



Main Fort Assembly

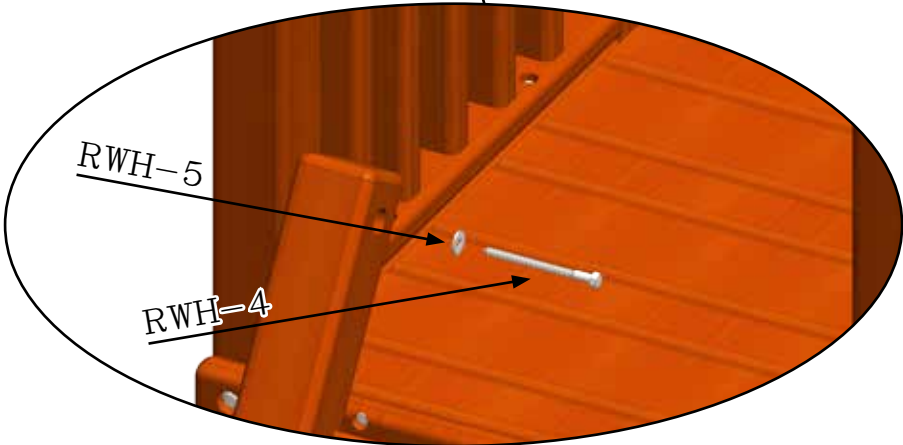
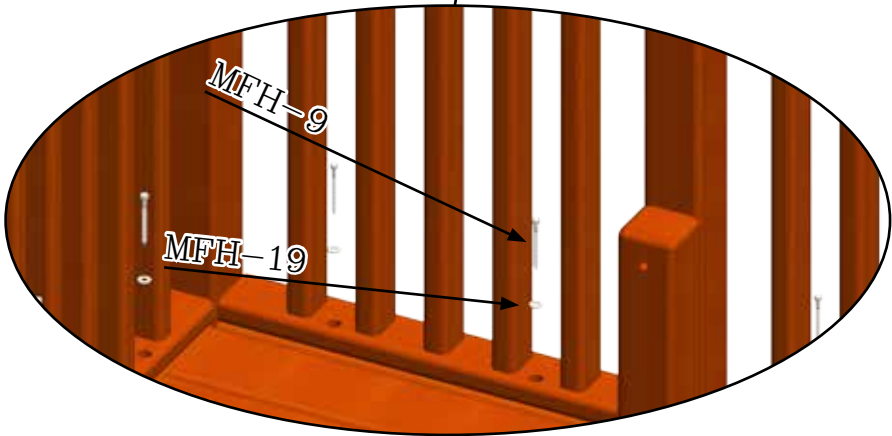
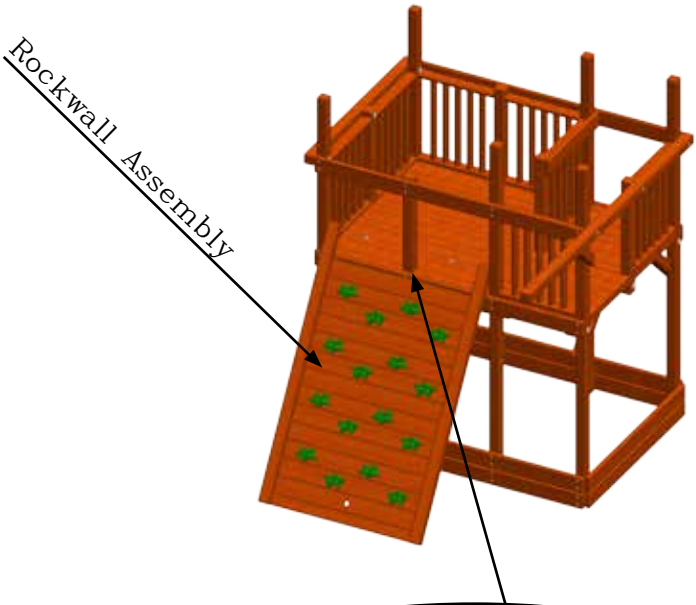
Parts Needed

Rockwall Assembly- (1)

MFH-19- 1/4" USS Flatwasher- (14)
RWH-5- 3/8" USS Flatwasher- (2)

Parts Needed

MFH-9- 1/4" x 2" Hex Lag Screw- (4)
RWH-4- 3/8" x 5" Hex Lag Screw- (2)



Main Fort Assembly

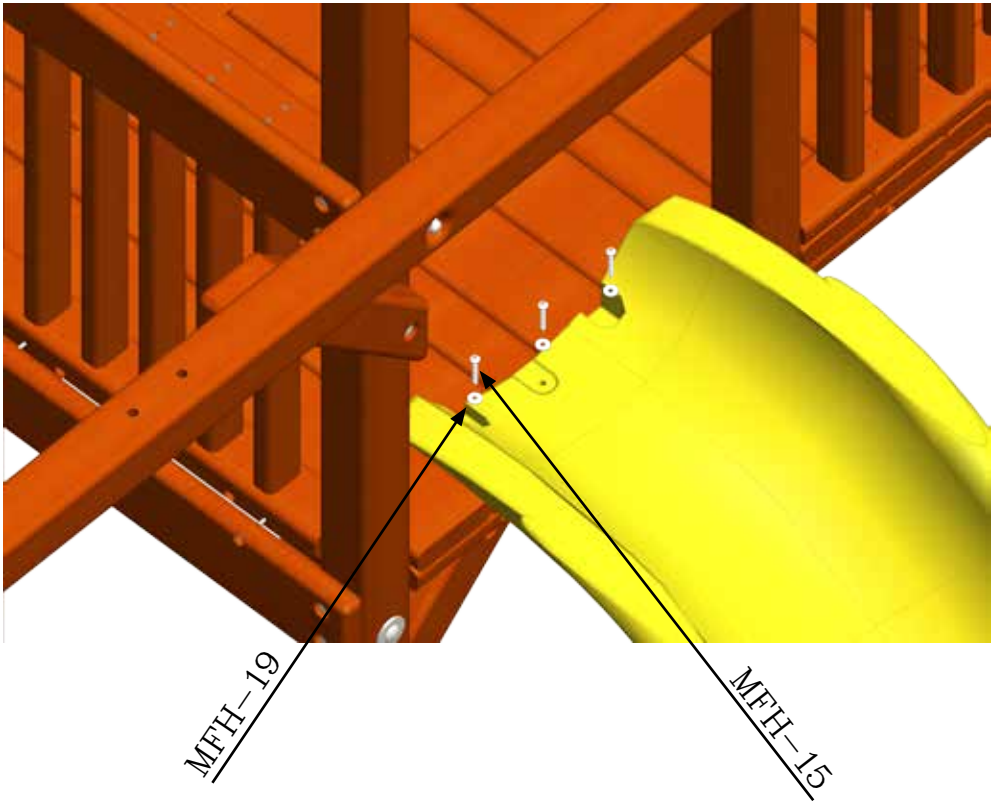
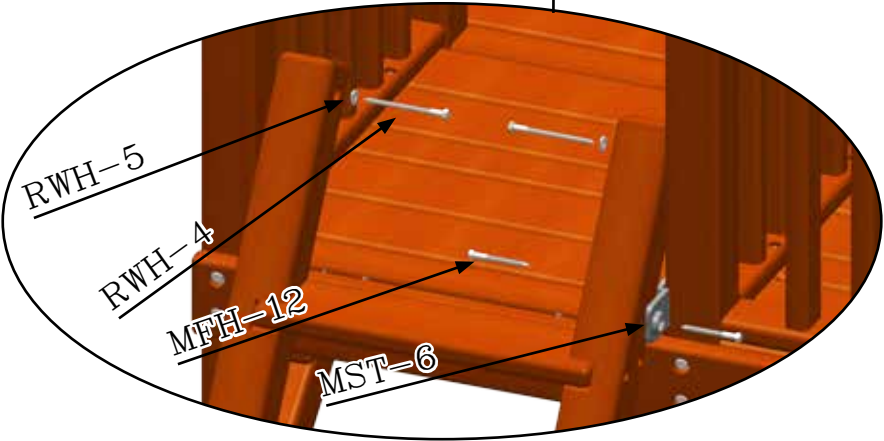
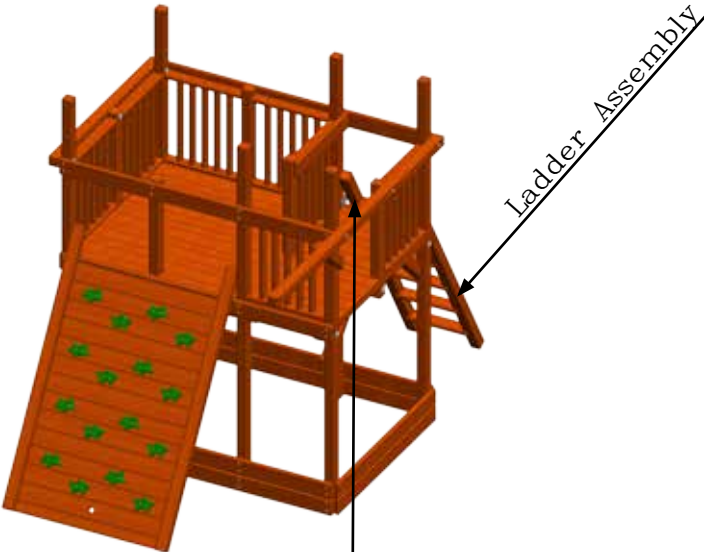
Parts Needed

Ladder Assembly- (1)
MST-6- Fort Ladder Bracket- (1)

RWH-5- 3/8" USS Flatwasher- (2)
MFH-12- 3/8" x 3 1/2" Hex Lag Screw- (2)
MFH-15- #14 x 2" Pan Phillips T/S- (3)

Parts Needed

RWH-4- 3/8" x 5" Hex Lag Screw- (2)
MFH-19- 1/4" USS Flatwasher- (3)



Main Fort Assembly

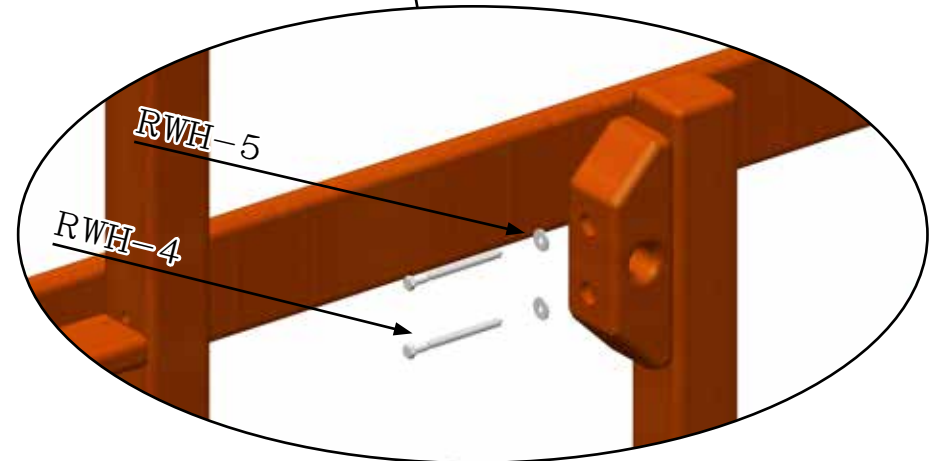
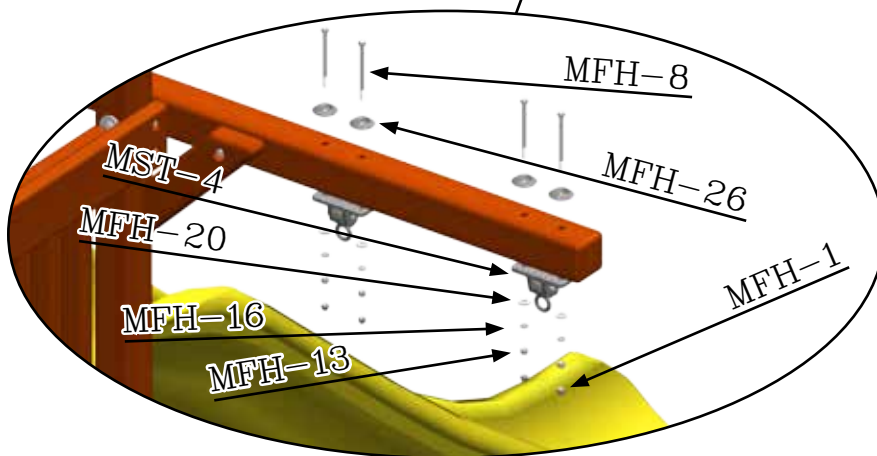
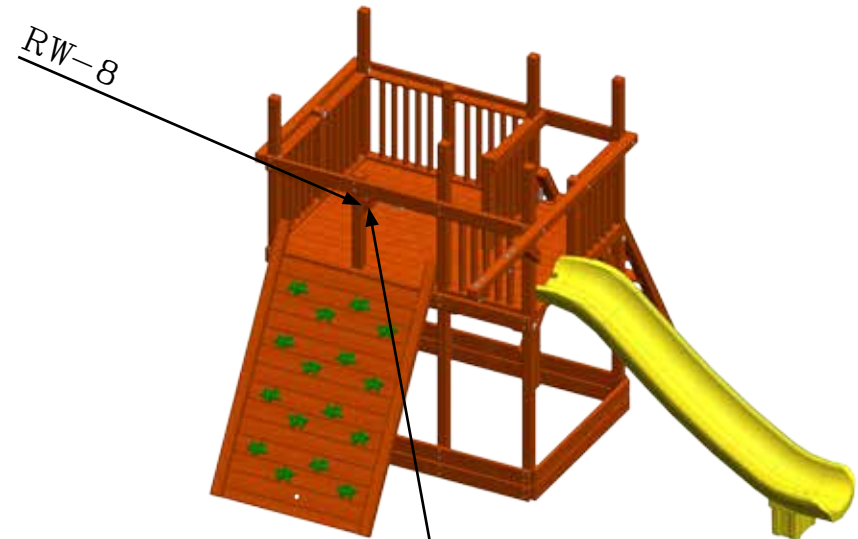
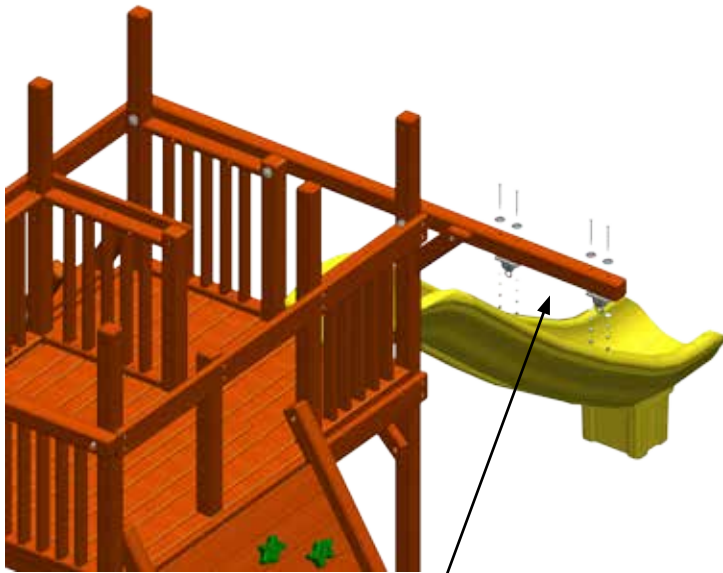
Parts Needed

MST-4- Ductile Iron Swing Hanger- (2)
RW-8- Universal Rope Block- (1)

RWH-5- 3/8" USS Flatwasher- (2)
MFH-8- 3/8" x 5" Hex Bolt- (4)
MFH-1- 3/8" Acorn Nut- (4)
MFH-16- 3/8" Split Lockwasher- (4)

Parts Needed

RWH-4- 3/8" x 5" Hex Lag Screw- (2)
MFH-26- 3/8" Bolt Cup- (4)
MFH-13- 3/8" Nylon Locknut- (4)
MFH-20- 3/8" USS Flatwasher- (4)



Fort Wood Roof Assembly

Parts Needed

WR-1- Universal Fort Wood Roof Support-
WR-3- Fort Wood Roof Panel-

(4)
(1)

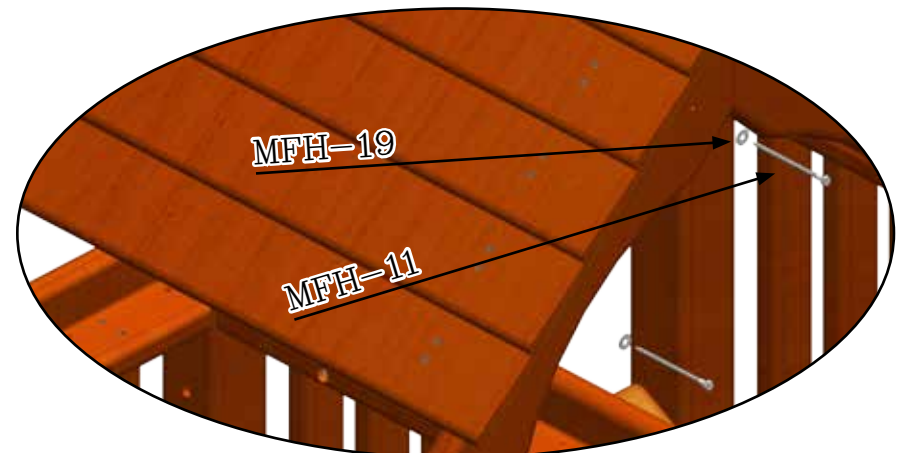
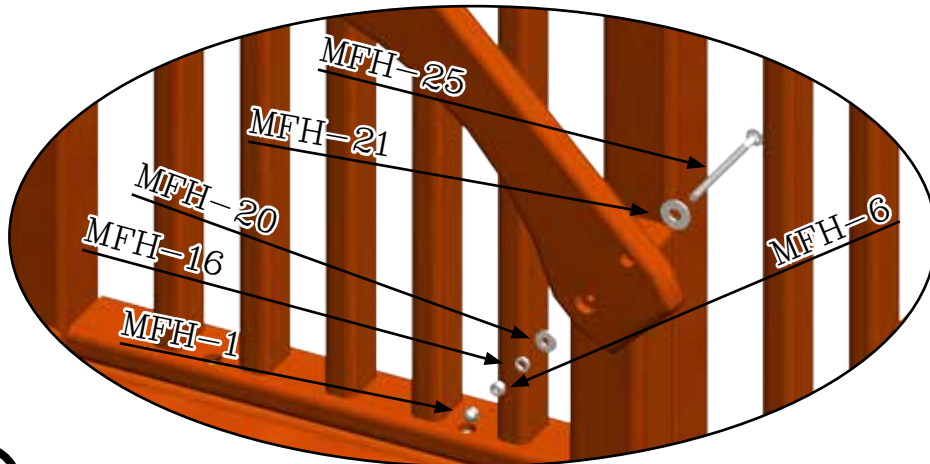
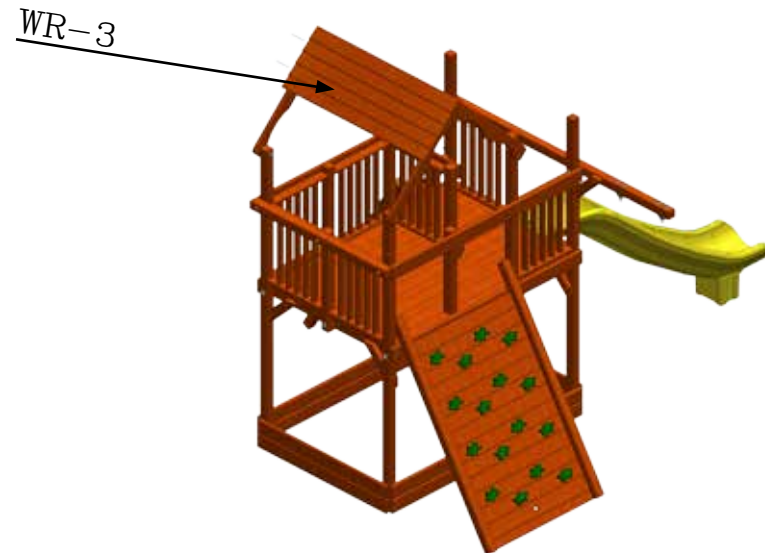
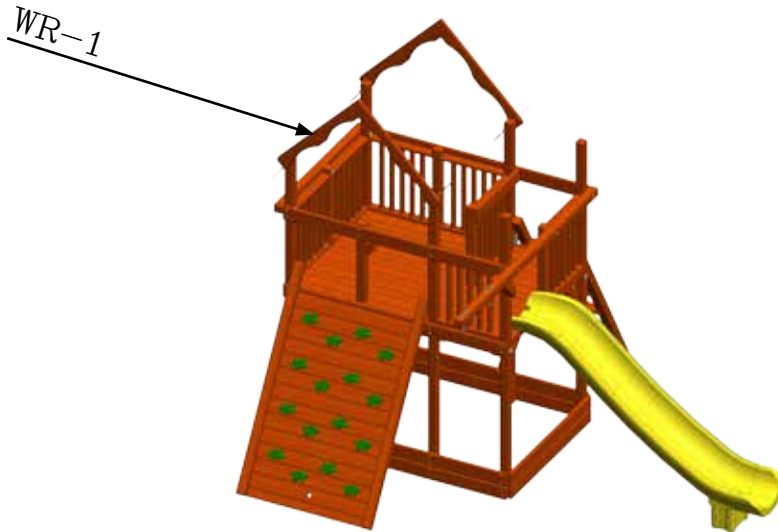
MFH- 1- 3/8" Acorn Nut-
MFH-16- 3/8" Split Lockwasher-
MFH-21- 1/2" USS Flatwasher-
MFH-19- 1/4" USS Flatwasher-

(4)
(4)
(4)
(4)

Parts Needed

MFH-6- 3/8" Hex Nut-
MFH-20- 3/8" USS Flatwasher-
MFH-25- 3/8" x 5 1/2" Carriage Bolt-
MFH-11- 1/4" x 4 1/2" Hex Lag Screw-

(4)
(4)
(4)
(4)



Fort Wood Roof Assembly

Parts Needed

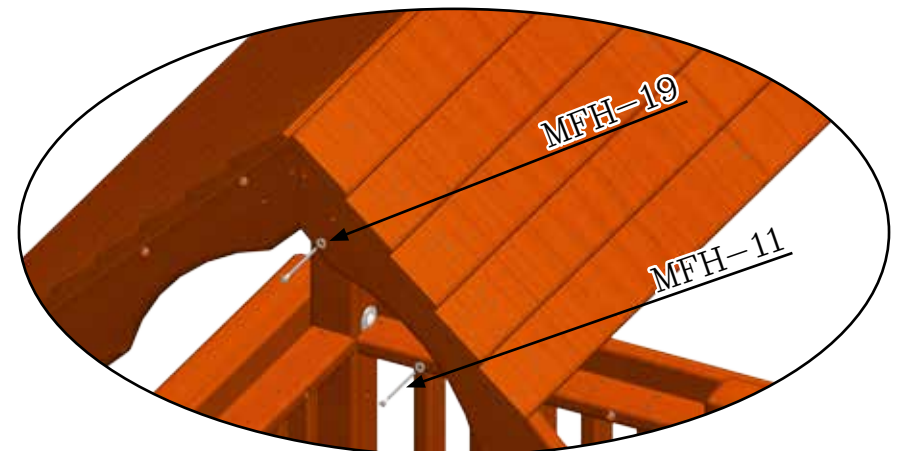
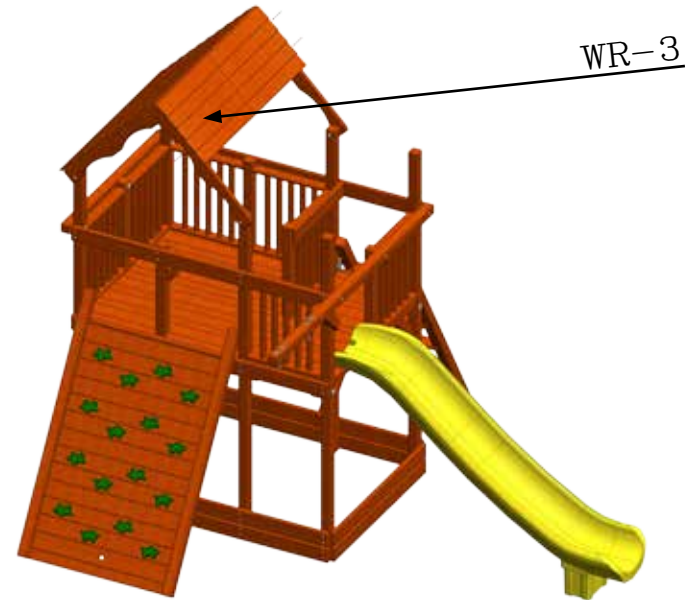
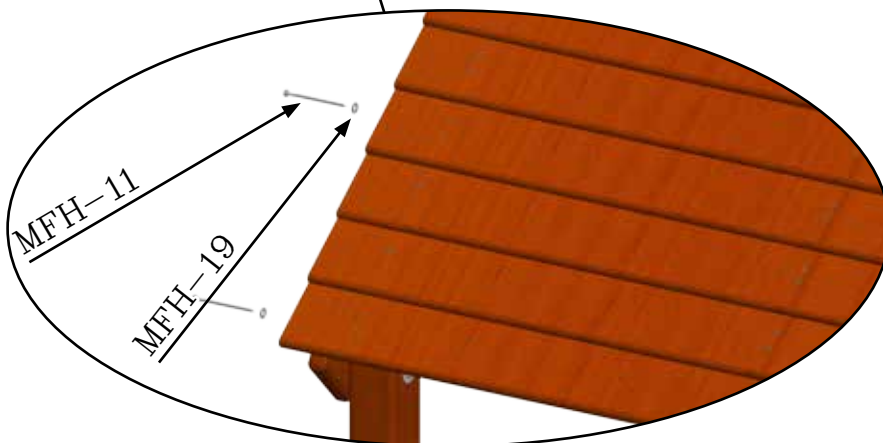
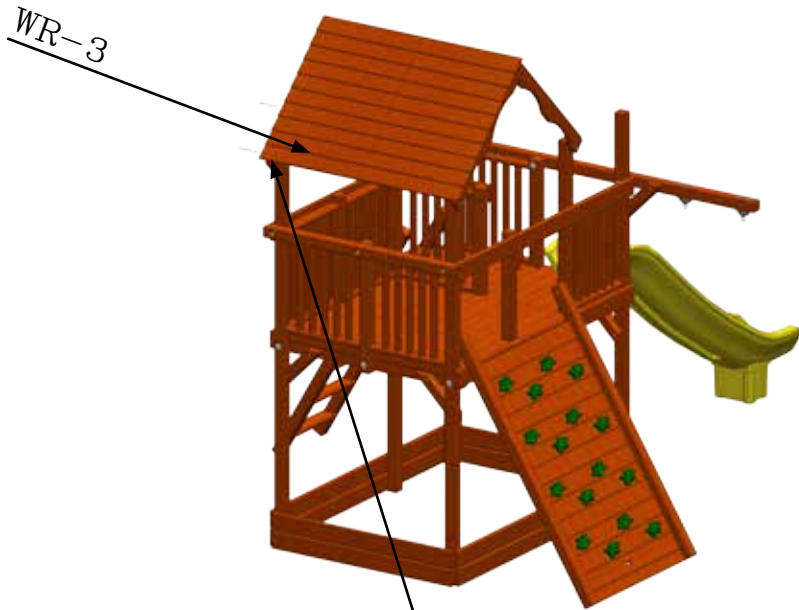
WR-3- Fort Wood Roof Panel- (2)

MFH-11- 1/4" x 4 1/2" Hex Lag Screw-

Parts Needed

(8)

MFH-19- 1/4" USS Flatwasher- (8)



Fort Wood Roof Assembly

Parts Needed

WR-9- Megadeck (R) Angled WR Panel-
WR-10- Megadeck (L) Angled WR Panel-

(1)
(1)

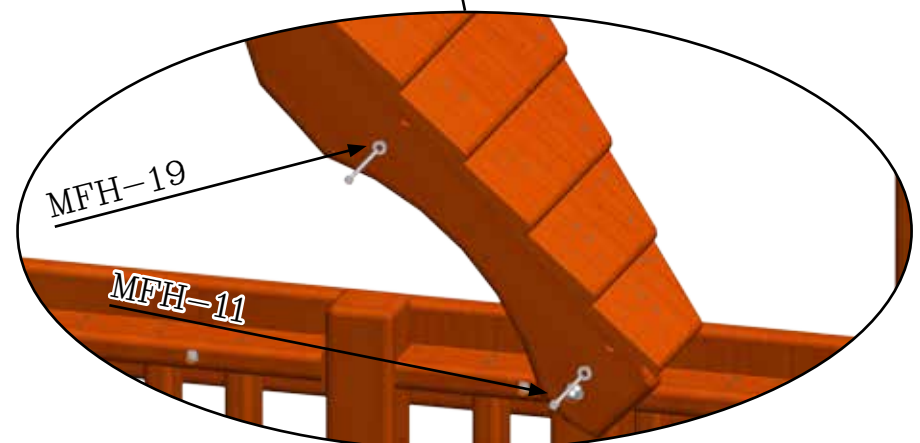
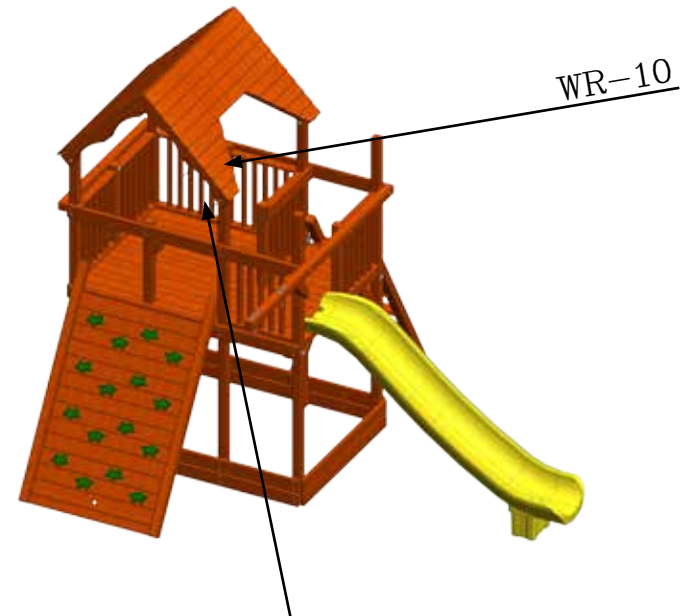
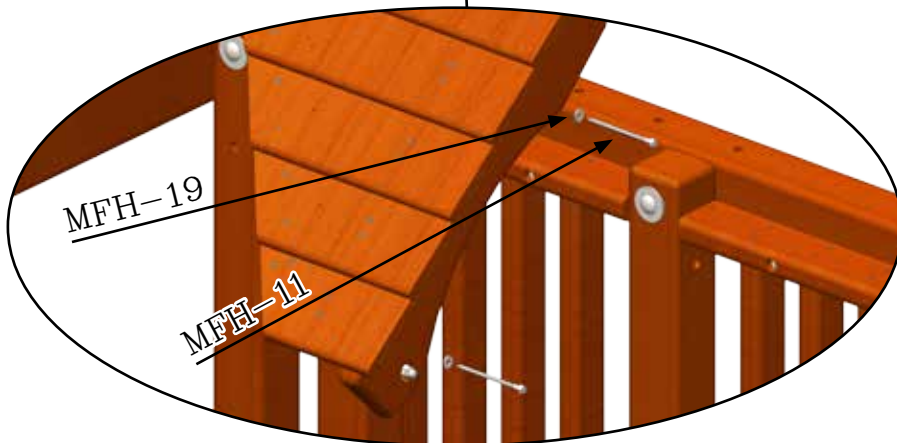
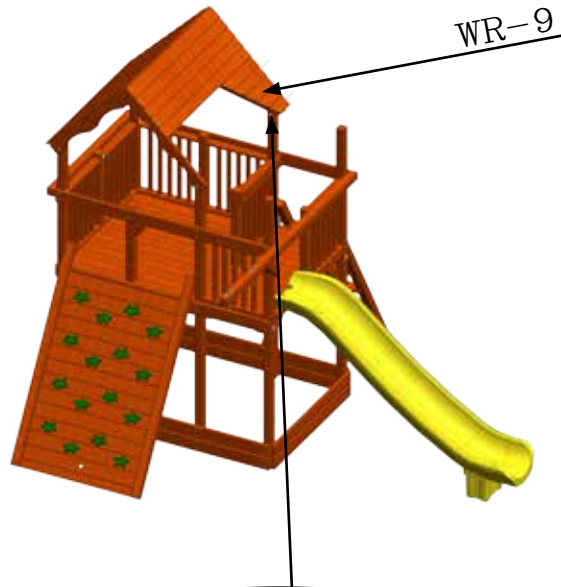
MFH-19- 1/4" USS Flatwasher-

(4)

Parts Needed

MFH-11- 1/4" x 4 1/2" Hex Lag Screw-

(4)



Fort Wood Roof Assembly

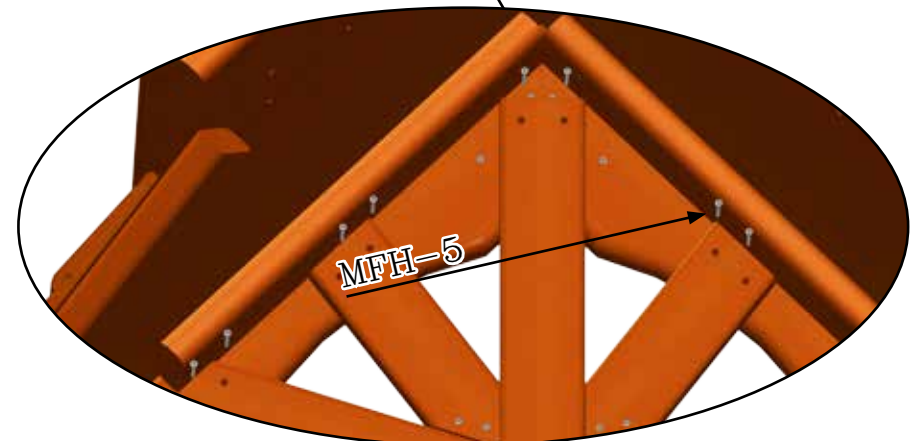
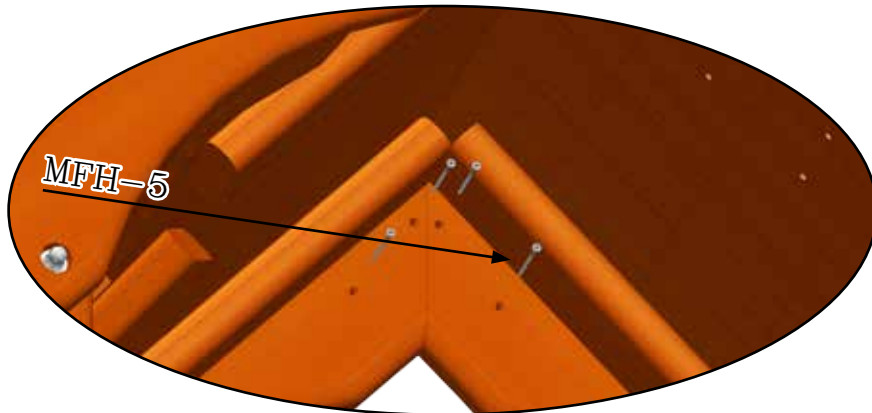
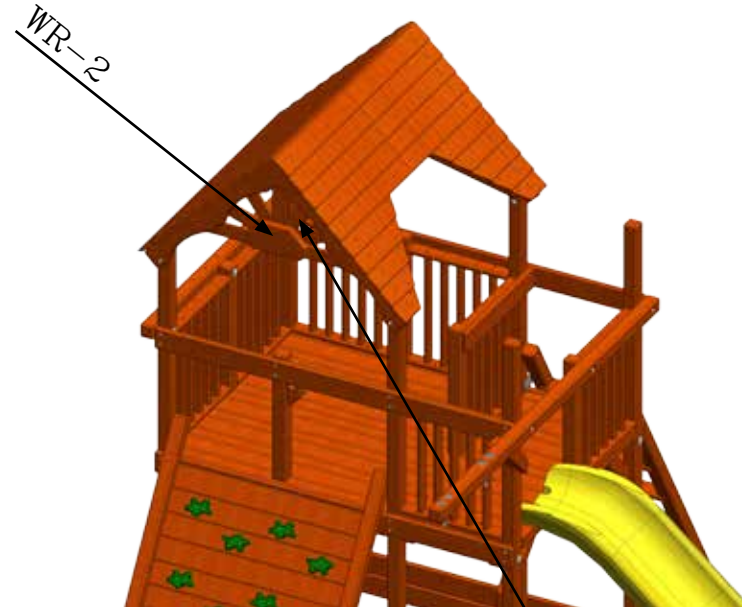
Parts Needed

WR-4- Universal WR Peak Facia- (1)
WR-2- Fort Wood Roof Fan- (1)

MFH-5- 2 1/2" Coated Deck Screw-

Parts Needed

(18)



Fort Wood Roof Assembly

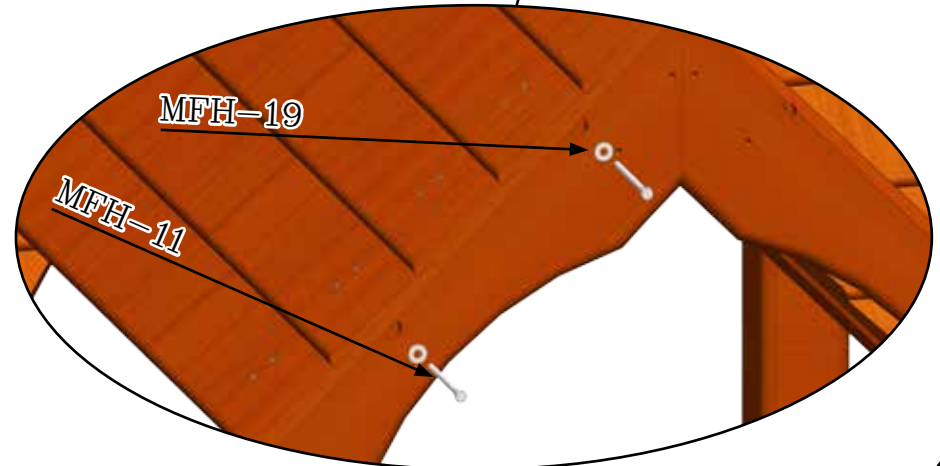
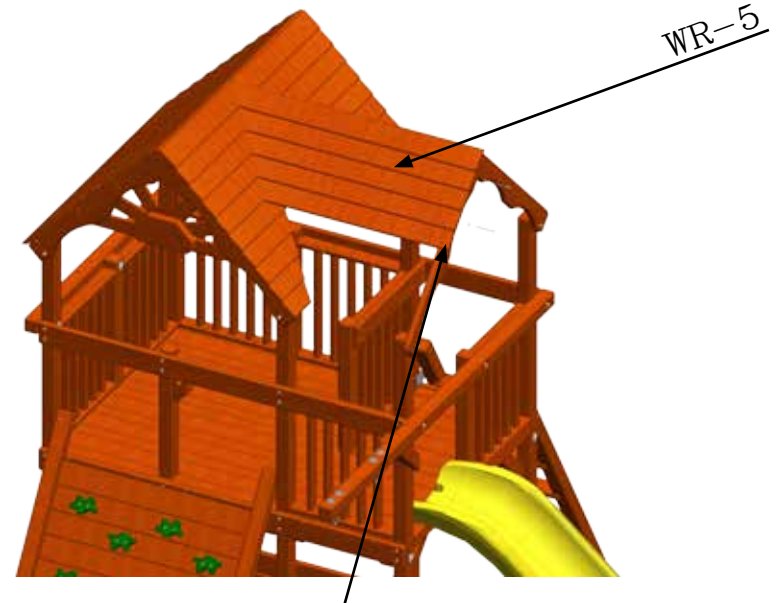
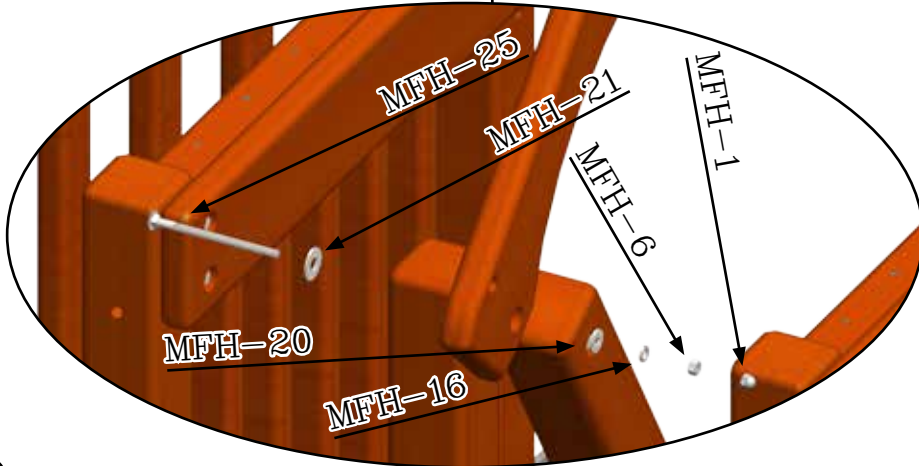
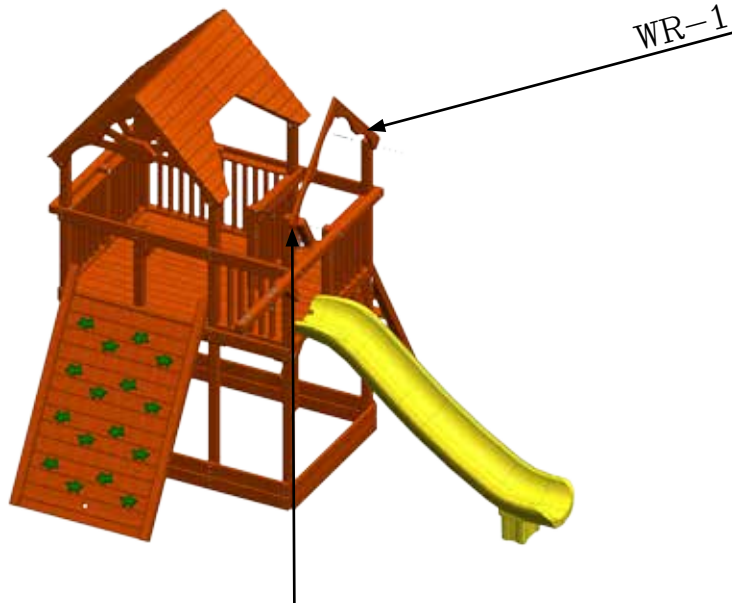
Parts Needed

WR-1- Universal Fort Wood Roof Support- (2)
WR-5- Megadeck (L) Top Dormer WR Panel- (1)

MFH-19- 1/4" USS Flatwasher- (2)
MFH-1- 3/8" Acorn Nut- (2)
MFH-16- 3/8" Split Lockwasher- (2)
MFH-21- 1/2" USS Flatwasher- (2)

Parts Needed

MFH-11- 1/4" x 4 1/2" Hex Lag Screw- (2)
MFH-6- 3/8" Hex Nut- (2)
MFH-20- 3/8" USS Flatwasher- (2)
MFH-25- 3/8" x 5 1/2" Carriage Bolt- (2)



Fort Wood Roof Assembly

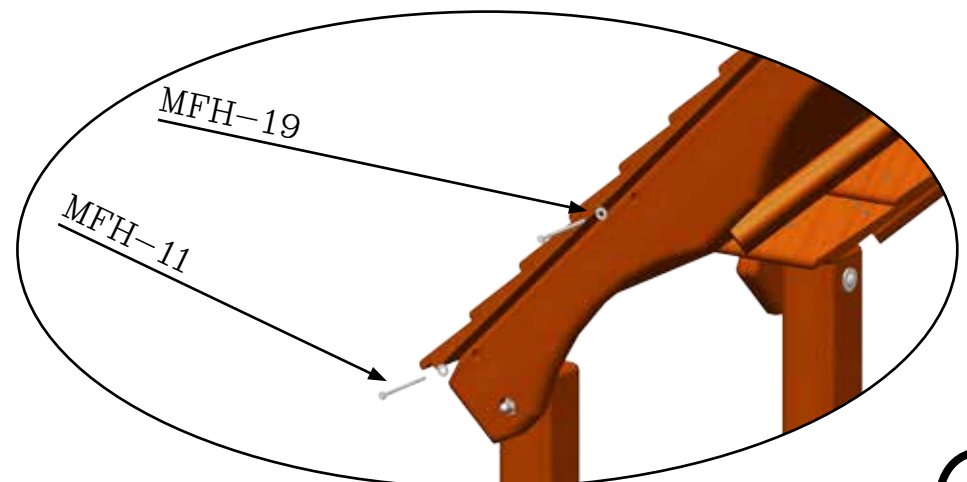
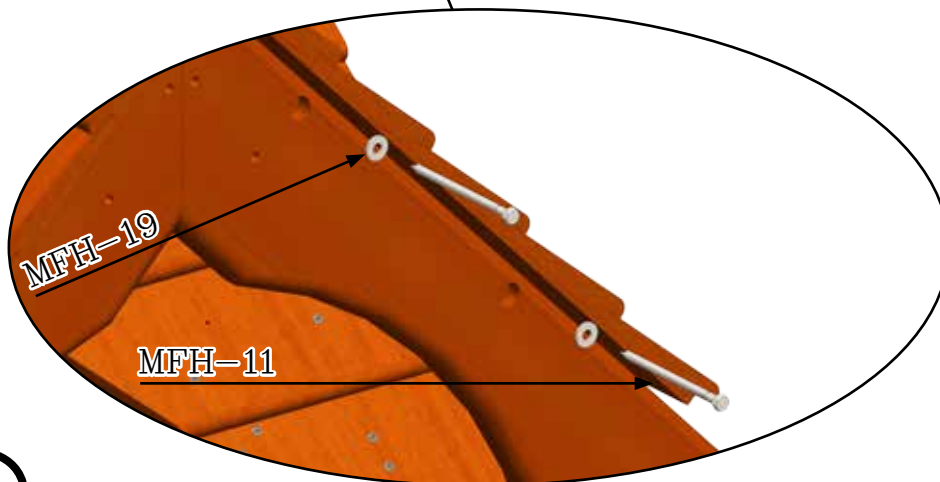
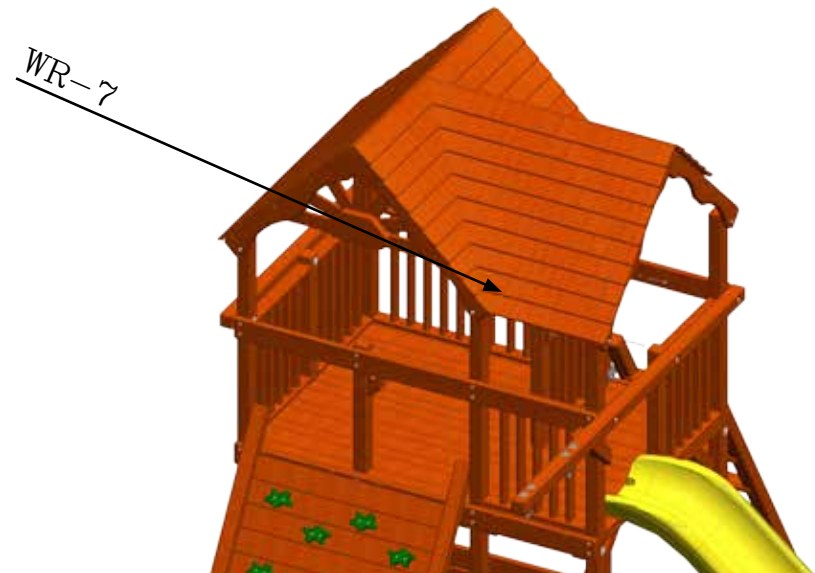
Parts Needed

WR-6- Megadeck (R) Top Dormer WR Panel- (1)
WR-7- Megadeck (L) Bottom Dormer WR Panel- (1)

MFH-11- 1/4" x 4 1/2" Hex Lag Screw- (4)

Parts Needed

MFH-19- 1/4" USS Flatwasher- (4)



Fort Wood Roof Assembly

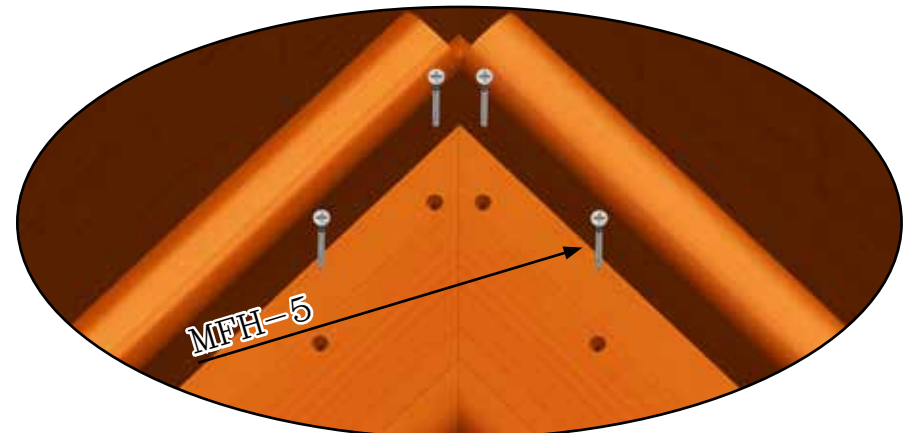
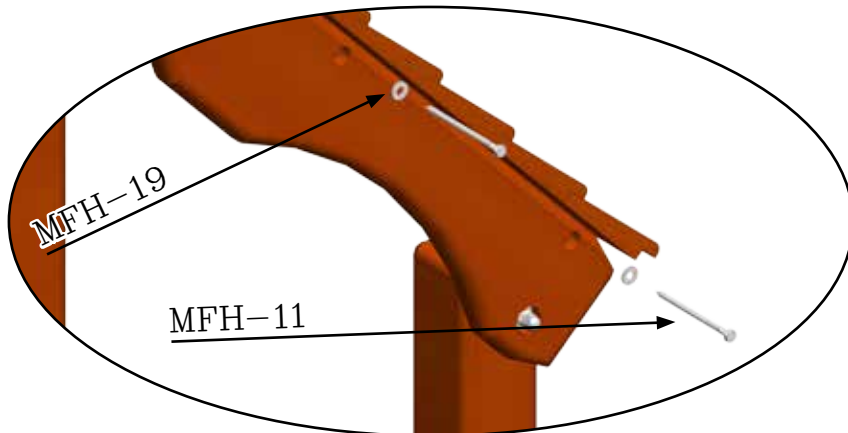
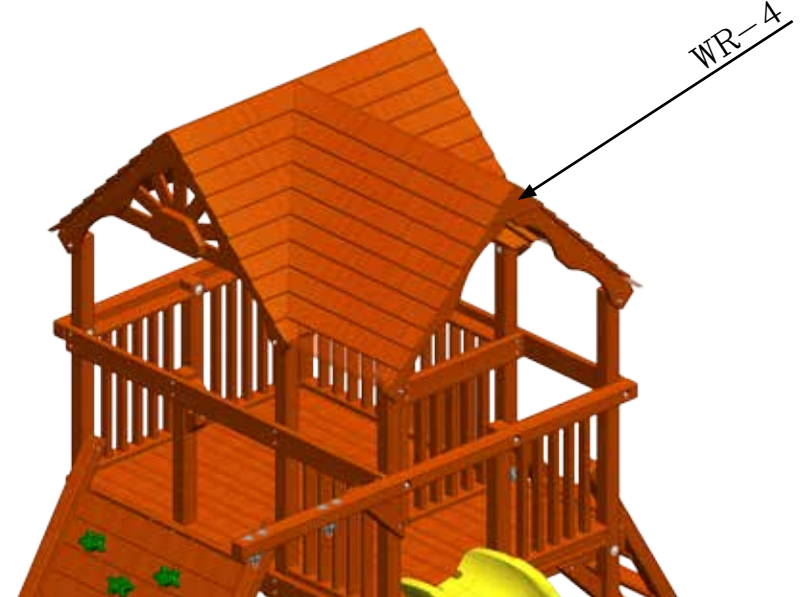
Parts Needed

WR-8- Megadeck (R) Bottom Dormer WR Panel- (1)
WR-4- Universal Wood Roof Peak Facia- (1)

MFH-19- 1/4" USS Flatwasher- (2)
MFH-5- 2 1/2" Coated Deck Screw- (4)

Parts Needed

MFH-11- 1/4" x 4 1/2" Hex Lag Screw- (2)



Fort Wood Roof Assembly

Parts Needed

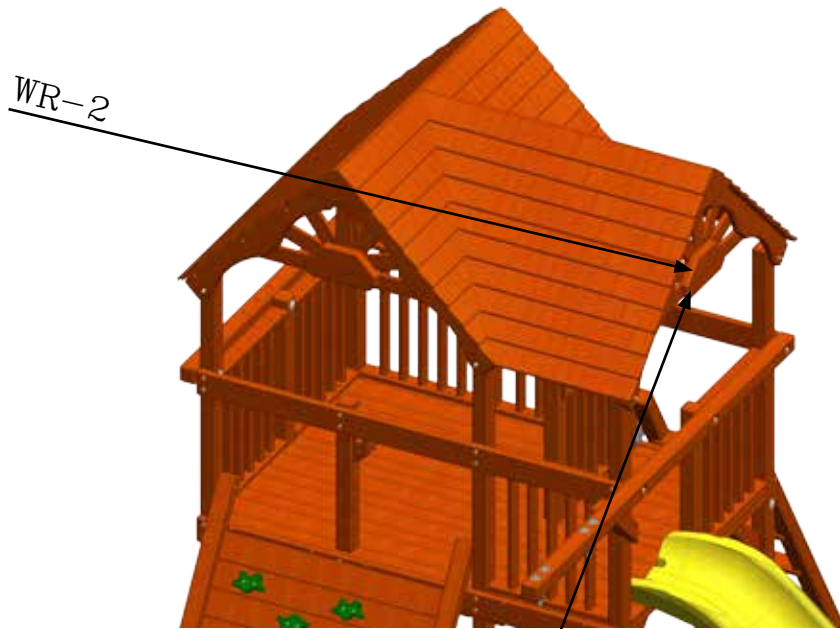
WR-2- Fort Wood Roof Fan-

(1)

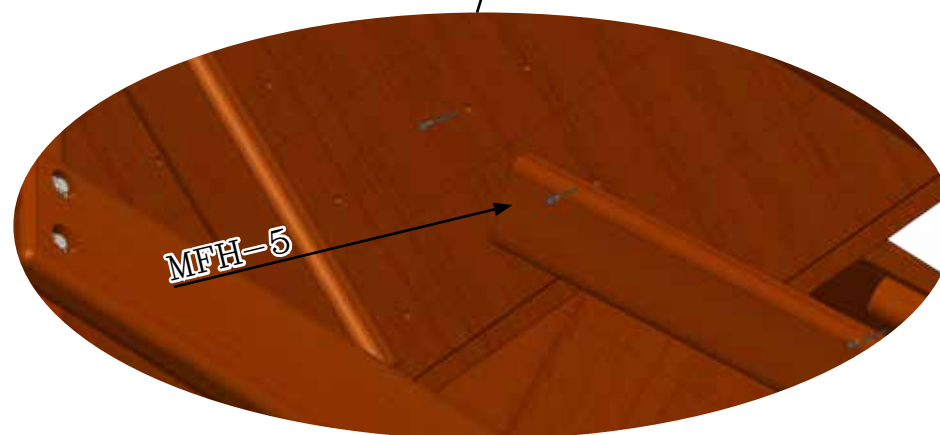
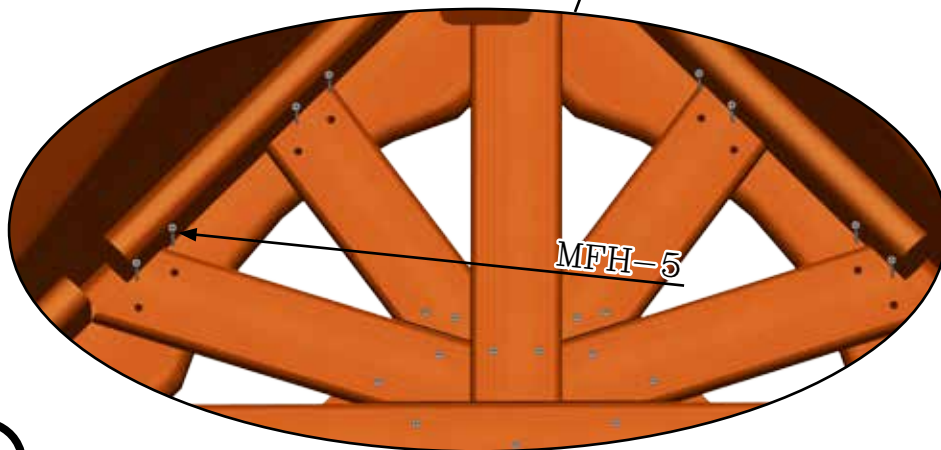
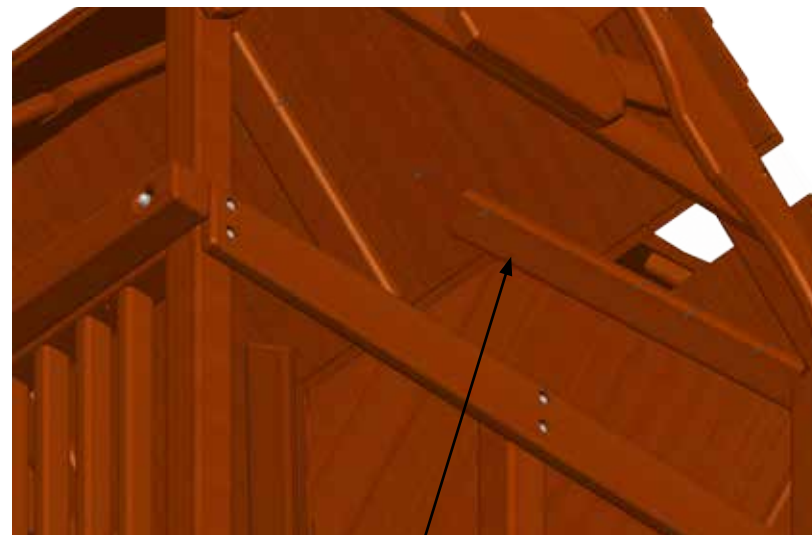
MFH-5- 2 1/2" Coated Deck Screw-

Parts Needed

(24)



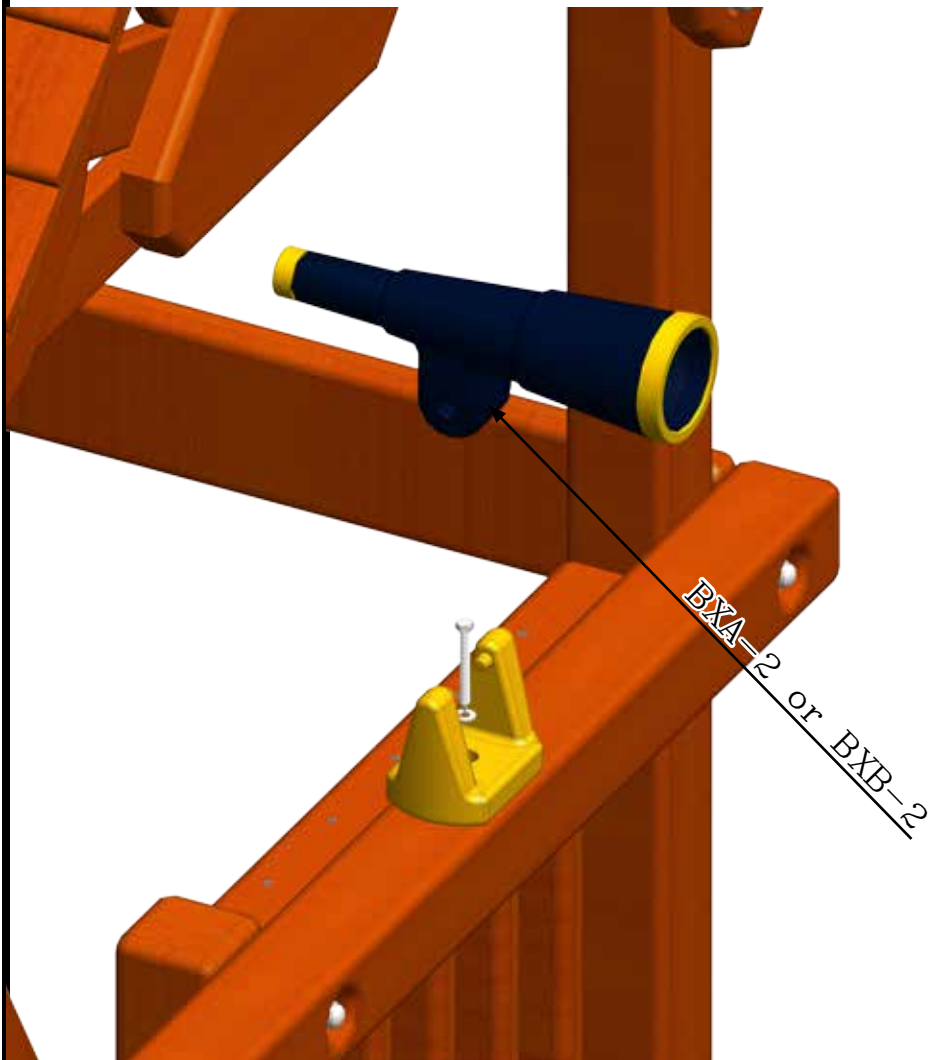
Wood Screws go Through the Wood Roof Boards into the supports on the overlapping roof panels.



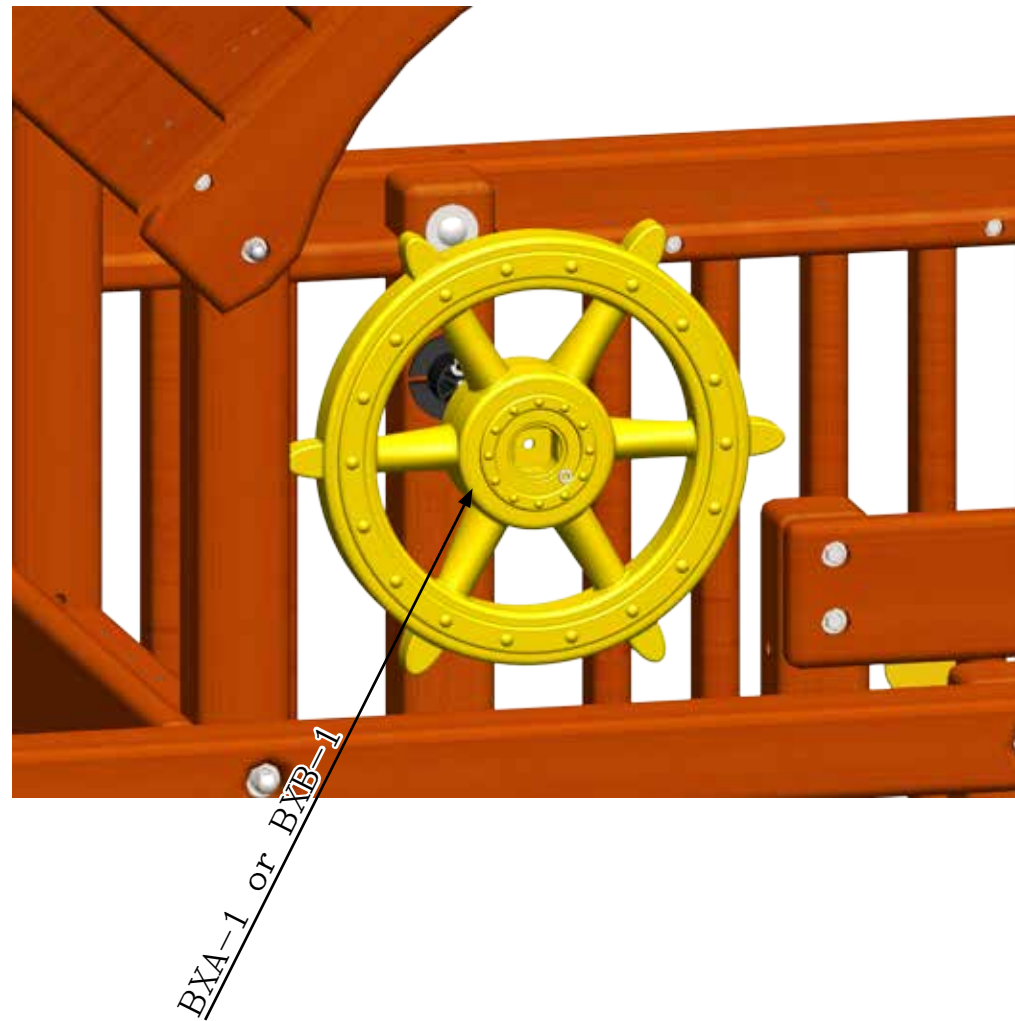
Telescope Install

Parts Needed

BXA-1 or BXB-1- 19" Ship's Wheel- (1)
BXA-2 or BXB-2- Telescope- (1)



Ship's Wheel Install



Trapeze Bar Install

Parts Needed

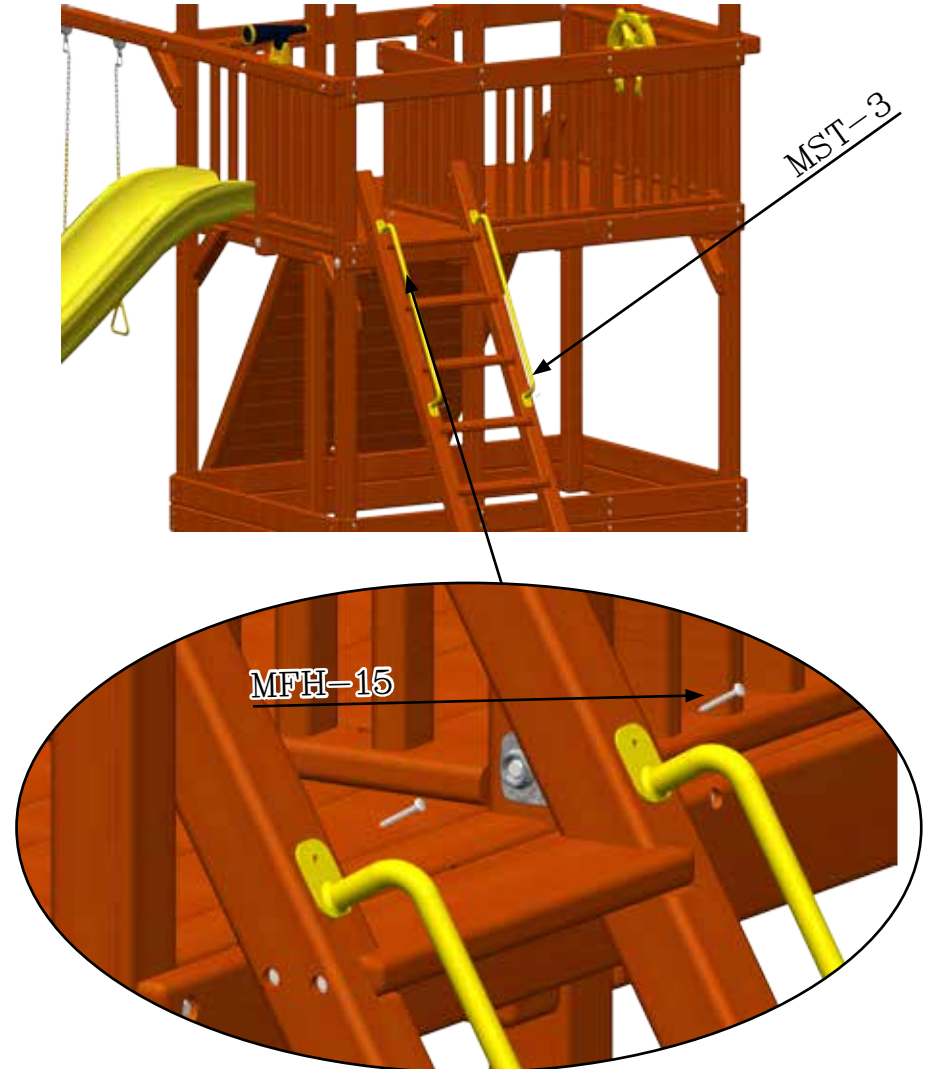
BXA-3 or BXB-3- 20" Trapeze Bar - Yellow- (1)



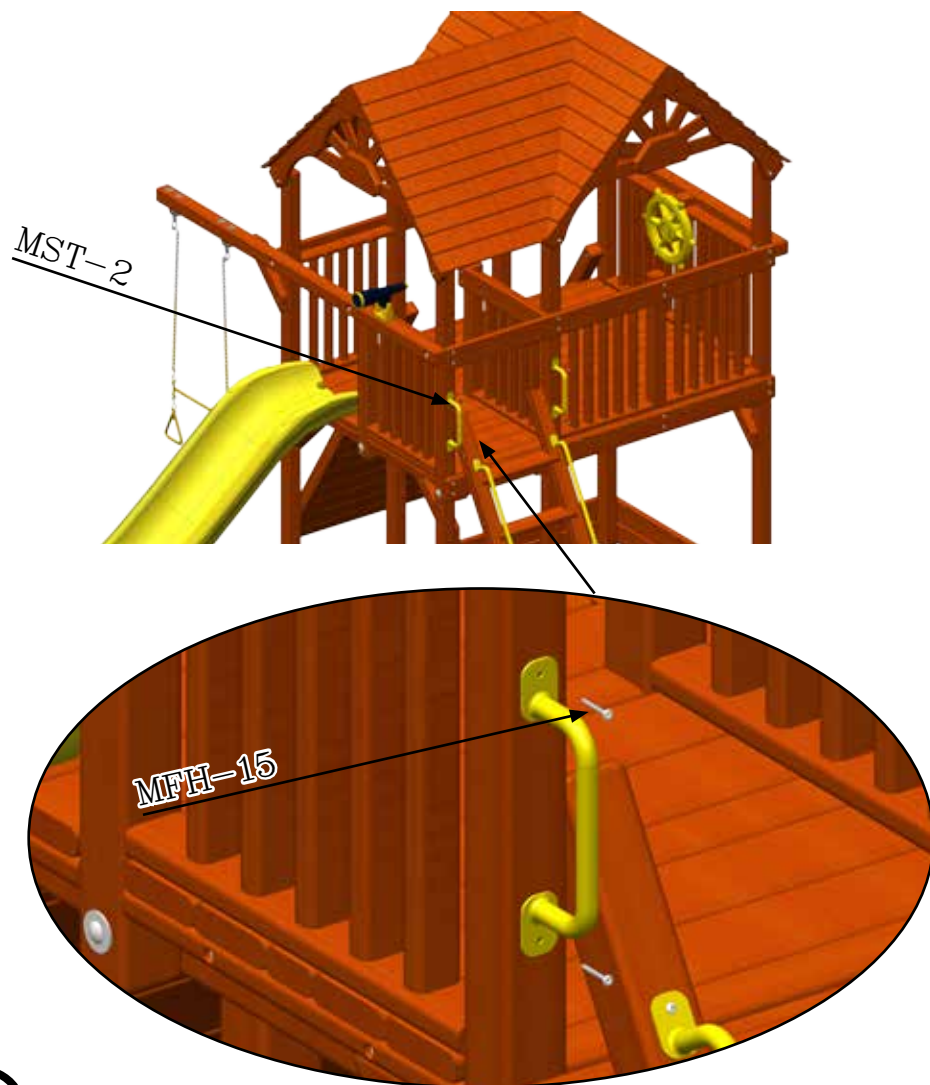
Ladder Handle Install

Parts Needed

MST-3- 1 1/4" Playgrip Ladder Handles- (2)
MST-2- 1 1/4" Playgrip Safety Handles- (2)
MFH-15- #14 x 2" Pan Phillips T/S- (8)
MST-5- 10mm x 100mm Spring Clips- (2)



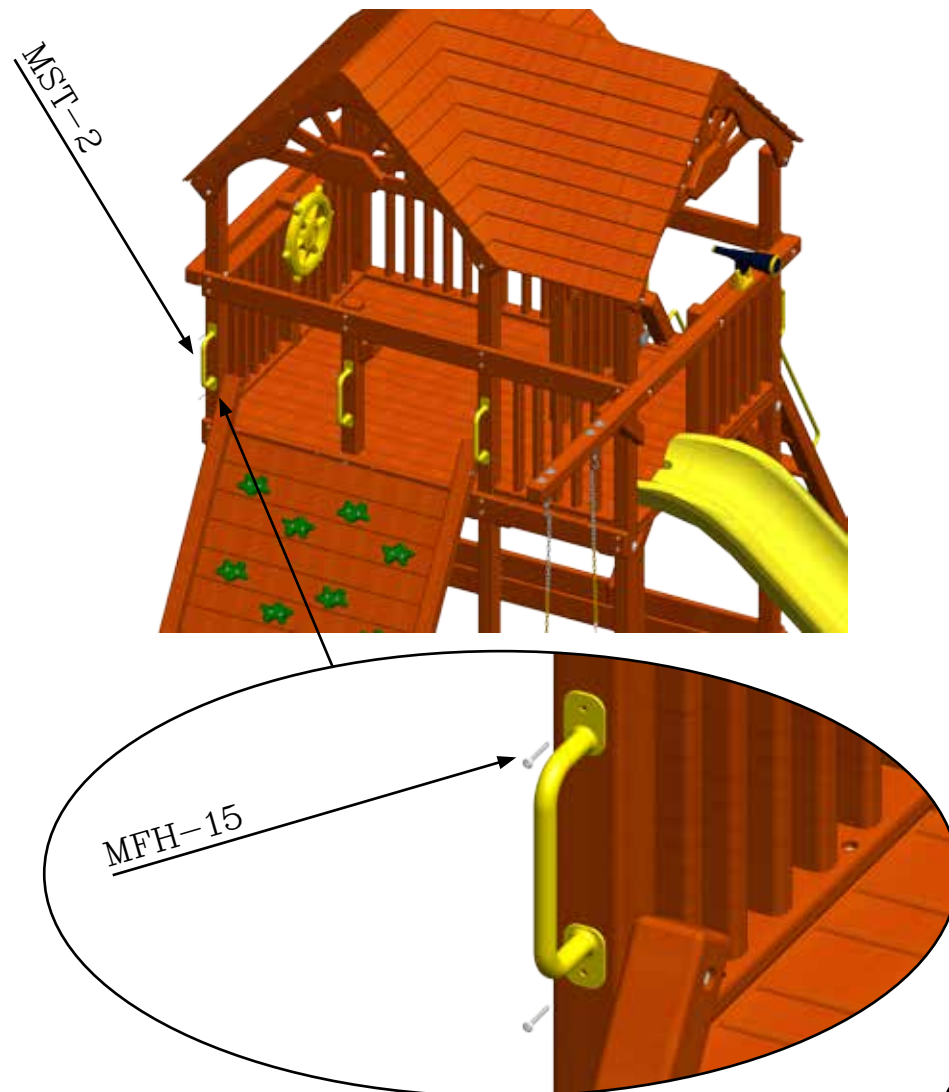
Safety Handle Install



Safety Handle Install

Parts Needed

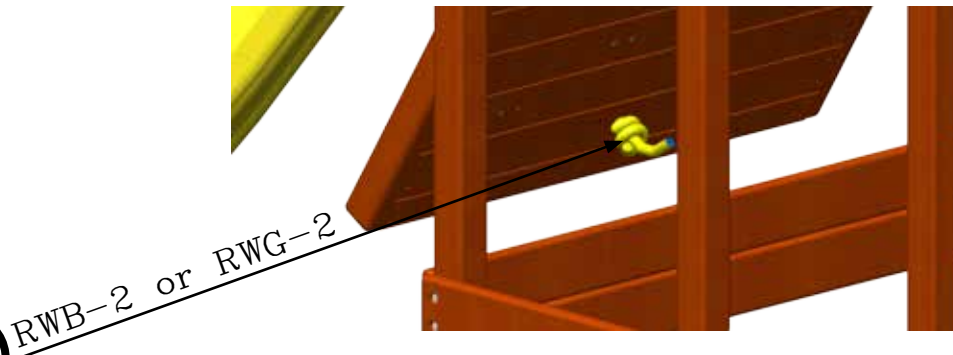
MST-2- 1 1/4" Playgrip Safety Handle- (3)
RWB-2 or RWG-2- 14' Yellow Rope- (1)



Rockwall Rope Install



String the rope through Universal Rope Block on the Fort tie a knot securing it in the rope block. Now tie a knot every 2 to 3 ft. until you can string through the RW Board w/ Rope Hole. Tie a knot securing it to the the board.



5.4 & 6.4 Swing Beams

Item No.	Part Number	Part Description	QTY.
SB-1	17-4-00108	2 POSITION SB 4" X 6" X 99 11/16"	1
SB-2	17-4-00110	3 POSITION SWING BEAM 4" X 6" X 120"	1
SB-3	17-4-00111	4 POSTION SWING BEAM 4" X 6" X 144"	1

5.4 A-Frame Legs

5AF-1	16-4-00256	120" 4X4 A-FRAME LEG	2
5AF-2	16-4-00257	72" 4 X 4 CROSSMEMBER	1
5AF-3	16-4-00253	SWING BEAM BLOCK W/ COUNTERSINKS	1
5AF-4	16-4-00254	SWING BEAM BLOCK W/ HOLES	1
5AF-5	16-4-00255	SWING BEAM CENTER BLOCK	1

6.4 A-Frame Legs

6AF-1	17-4-00153	144" 4X6 A-FRAME LEG	2
6AF-2	17-4-00155	96" 4 X 6 CROSSMEMBER	1
6AF-3	16-4-00253	SWING BEAM BLOCK W/ COUNTERSINKS	1
6AF-4	16-4-00254	SWING BEAM BLOCK W/ HOLES	1
6AF-5	16-4-00255	SWING BEAM CENTER BLOCK	1

Universal SB Box Accessories

USB-1	58-1-00014	SWING 45 DEGREE BRACKET	2
USB-2	58-1-00009	SWING BEAM T-BRACKET	1

Ductile Hangers for 4 x6 Swing Beam

DH-1	56-1-00012	DUCTILE IRON SWING HANGER	2
DH-2	59-1-00011	10MM X 100MM SPRING CLIPS	2

Universal SB Hardware Bag

Item No.	Part Number	Part Description	QTY.
USB-3	40-1-00084	3/4" USS FLATWASHER	8
USB-4	40-1-00083	1/2" USS FLATWASHER	10
USB-5	40-1-00082	3/8" USS FLATWASHER	4
USB-6	40-1-00074	1/2" SPLIT LOCKWASHER	9
USB-7	40-1-00073	3/8" SPLIT LOCKWASHER	2
USB-8	40-1-00028	1/2" HEX NUT	9
USB-9	40-1-00026	3/8" HEX NUT	2
USB-10	40-1-00002	1/2" ACORN NUT PLATED	9
USB-11	40-1-00001	3/8" ACORN NUT PLATED	2
USB-12	41-1-00025	3/8" BOLT CUP	2
USB-13	40-1-00014	1/2" X 9" CARRIAGE BOLT	1
USB-14	40-1-00013	1/2" X 7" CARRIAGE BOLT	5
USB-15	40-1-00011	1/2" X 3 1/2" CARRIAGE BOLT	2
USB-16	40-1-00048	1/2" X 12" HEX BOLT	1
USB-17	40-1-00112	3/8" X 10 1/2" HEX BOLT	2
USB-18	40-1-00061	3/8" X 5" LAG BOLT	2

Ductile Hangers for 4 x 6 SB Hardware

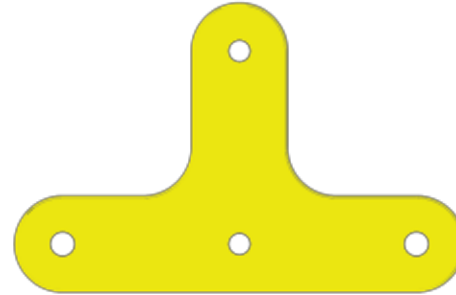
DH-3	40-1-00082	3/8" USS FLATWASHER	4
DH-4	41-1-00025	3/8" BOLT CUP	4
DH-5	40-1-00073	3/8" SPLIT LOCKWASHER	4
DH-6	40-1-00064	3/8" NYLON INSERT LOCKNUT	4
DH-7	40-1-00045	3/8" X 7" HEX BOLT	4
DH-8	40-1-00001	3/8" ACORN NUT PLATED	4

Universal Swing Beam Box Accessories

USB-1
58-1-00014
SB 45 Degree Bracket
QTY. 2

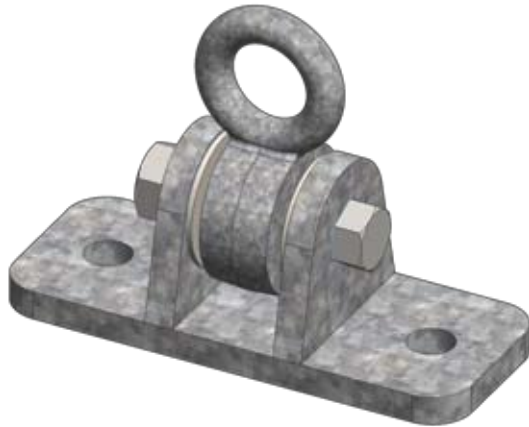


USB-2
58-1-00009
Swing Beam T-Bracket
QTY. 1



Ductile Hangers W/ Clips for 4x6 (Count is for Each Position)

DH-1
56-1-00012
Ductile Iron Swing Hanger
QTY. 2



DH-2
59-1-00011
10mm x 100mm Spring Clips
QTY. 2



5.4 & 6.4 Swing Beams

#SB-1
17-4-00108
2 Pos Swing Beam 99 11/16"
QTY. 1



#SB-2
17-4-00110
3 Pos Swing Beam 120"
QTY. 1



#SB-3
17-4-00111
4 Pos Swing Beam 165 7/16"
QTY. 1



5.4 A-Frame Legs

5AF-1
16-4-00256
120" 4 x 4 (5.4) AFrame Leg
QTY. 2



5AF-2
16-4-00257
72" 4x4 (5.4) Crossmember
QTY. 1



5AF-3
16-4-00253
4x4 Swing Beam Block W/ Holes
QTY. 1



5AF-4
16-4-00254
4x4 Swing Beam Block W/ Sinks
QTY. 1



5AF-6
16-4-00255
4x4 Swing Beam Center Block
QTY. 1



6.4 A-Frame Legs

6AF-1
17-4-00153
144" 4x6 (6.4) A Frame Leg
QTY. 2



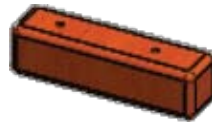
6AF-2
17-4-00155
96" 4x6 (6.4) Crossmember
QTY. 1



6AF-3
16-4-00254
4x4 Swing Beam Block W/ Sinks
QTY. 1



6AF-4
16-4-00253
4x4 Swing Beam Block W/ Holes
QTY. 1



6AF-5
16-4-00255
4x4 Swing Beam Center Block
QTY. 1



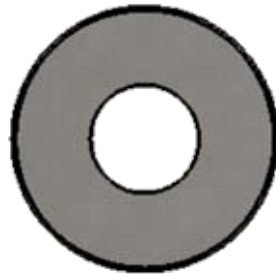
UNIVERSAL SB HARDWARE BAG

INSTALLER NOTE: (YOU MUST ASSEMBLE THIS PRODUCT IN ACCORDANCE WITH THESE ASSEMBLY INSTRUCTIONS. WHEN COMPLETE
GIVE MANUAL TO OWNER.)

#USB-3
40-1-00084
3/4" USS FLatwasher
QTY. 22



#USB-4
40-1-00083
1/2" USS FLatwasher
QTY. 22



#USB-5
40-1-00082
3/8" USS FLatwasher
QTY. 51



#USB-6
40-1-00074
1/2" Split Lockwasher
QTY. 22



#USB-7
40-1-00073
3/8" Split Lockwasher
QTY. 4



#USB-8
40-1-00028
1/2" Hex Nut
QTY. 9



#USB-9
40-1-00026
3/8" Hex Nut
QTY. 2



#USB-10
40-1-00002
1/2" Acorn Nut
QTY. 9



#USB-11
40-1-00001
3/8" Acorn Nut
QTY. 2



#USB-12
41-1-00025
3/8" Bolt Cup
QTY. 2



MEASUREMENT TAKEN FROM BOTTOM OF BOLT HEAD TO THE BOTTOM OF BOLT



USE THE RULER TO MEASURE YOUR BOLTS AND SCREWS. HARDWARE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH HARDWARE SIZES.

UNIVERSAL SB HARDWARE BAG

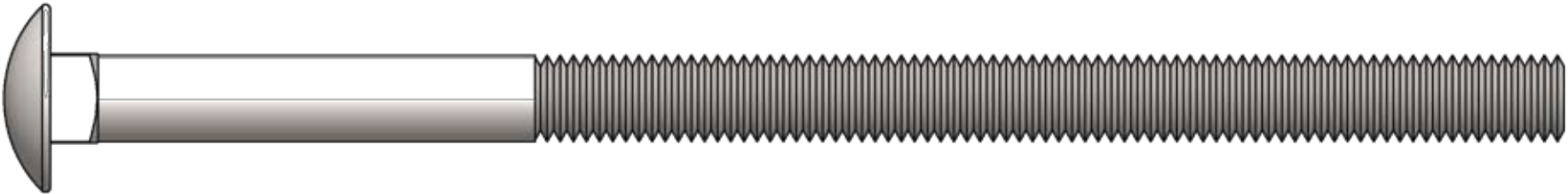
INSTALLER NOTE: (YOU MUST ASSEMBLE THIS PRODUCT IN ACCORDANCE WITH THESE ASSEMBLY INSTRUCTIONS. WHEN COMPLETE GIVE MANUAL TO OWNER.)

#USB-13

40-1-00014

1/2" x 9" Carriage Bolt

QTY. 1

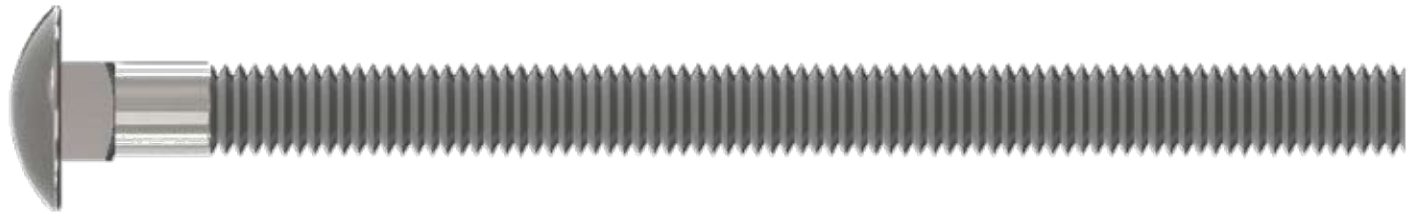


#USB-14

40-1-00013

1/2" x 7" Carriage Bolt

QTY. 5

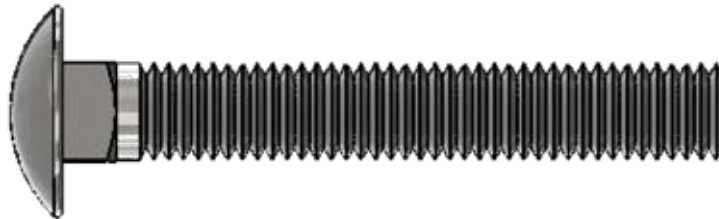


#USB-15

40-1-00011

1/2" x 3 1/2" Carriage Bolt

QTY. 2

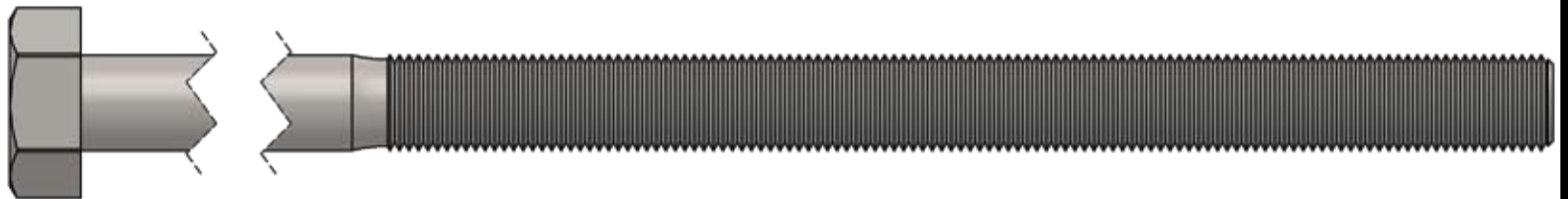


#USB-16

40-1-00048

1/2" x 12" Hex Bolt

QTY. 1



USE THE RULER TO MEASURE YOUR BOLTS AND SCREWS. HARDWARE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH HARDWARE SIZES.

UNIVERSAL SB HARDWARE BAG

INSTALLER NOTE: (YOU MUST ASSEMBLE THIS PRODUCT IN ACCORDANCE WITH THESE ASSEMBLY INSTRUCTIONS. WHEN COMPLETE
GIVE MANUAL TO OWNER.)

#USB-17
40-1-00112
3/8" x 10" Hex Bolt
QTY. 1



#USB-18
40-1-00061
3/8" x 5" Lag Bolt
QTY. 2



Ductile Hangers for 4x6 SB Hardware (Count for each Position)

#DH-3
40-1-00082
3/8" USS Flatwasher
QTY. 2



#DH-4
41-1-00025
3/8" Bolt Cup
QTY. 4



#DH-5
40-1-00073
3/8" Split Lockwasher
QTY. 4



#DH-6
40-1-00064
3/8" Nylon Locknut
QTY. 4



USE THE RULER TO MEASURE YOUR BOLTS AND SCREWS. HARDWARE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH HARDWARE SIZES.

Ductile Hangers for 4x6 SB Hardware (Count for each Position)

#DH-7
40-1-00045
3/8" x 7" Hex Bolt
QTY. 4



#DH-8
40-1-00001
3/8" Acorn Nut
QTY. 4



USE THE RULER TO MEASURE YOUR BOLTS AND SCREWS. HARDWARE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH HARDWARE SIZES.

SWING BEAM INSTALL

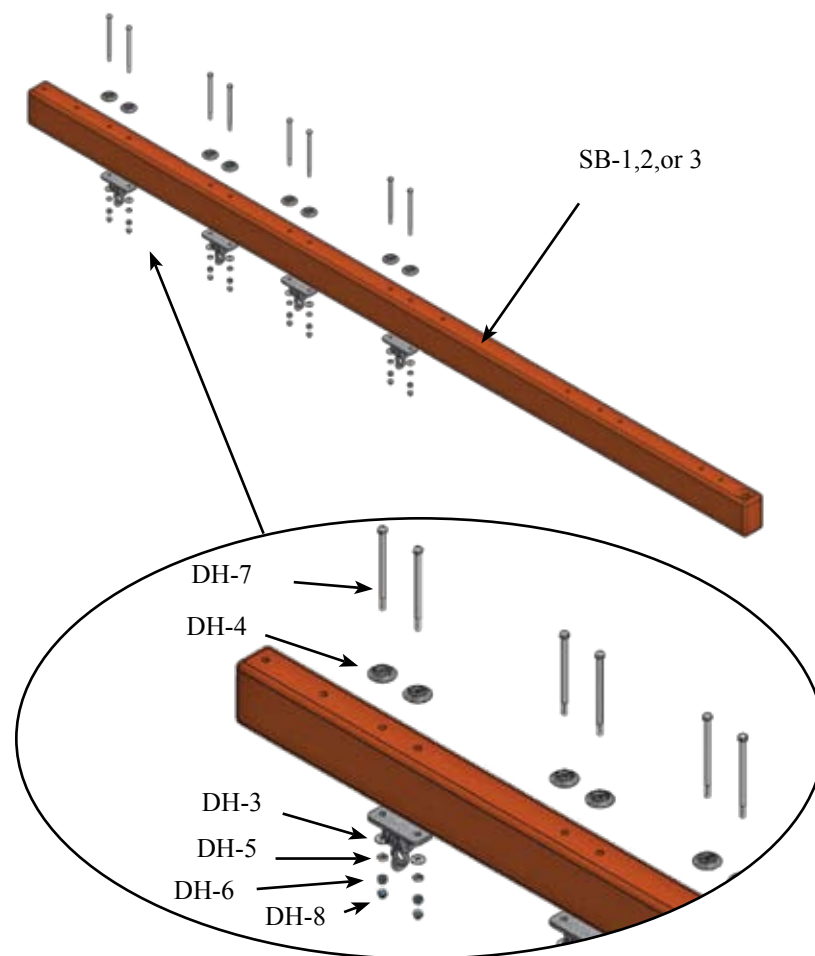
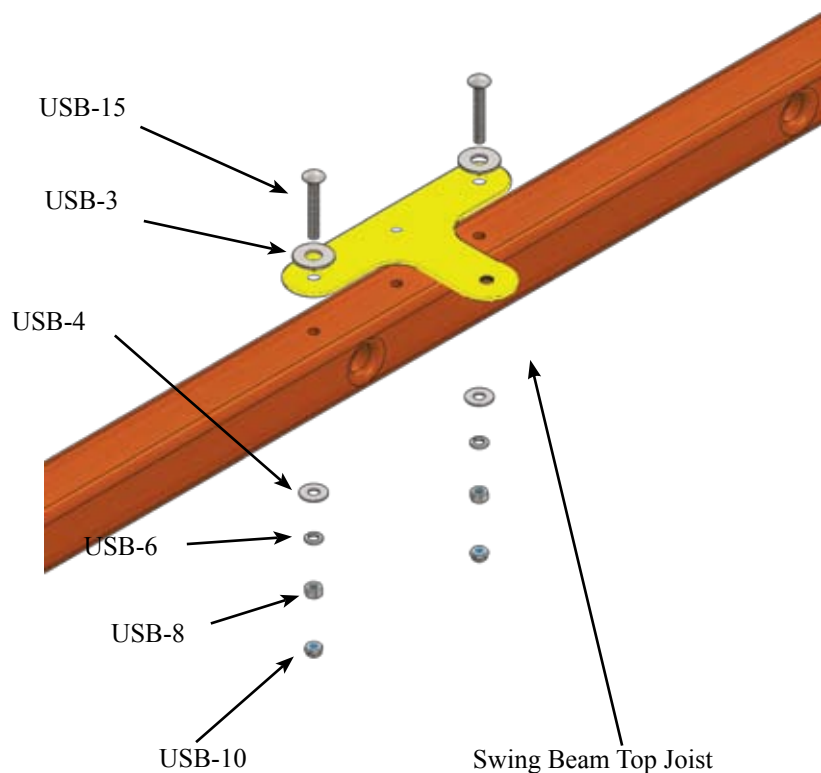
PARTS NEEDED

SB-1,2, or 3- Swing Beam- (1)
Swing Beam Top Joist (Attached to Unit)

USB-3- 3/4" USS Flatwasher- (2)
USB-6- 1/2" Split Lockwasher- (2)
USB-10- 1/2" Acorn Nut- (2)
DH-3- 3/8" USS Flatwasher- (4)
DH-5- 3/8" Split Lockwasher- (4)
DH-7-3/8" x 7" Hex Bolt- (4)
USB-15- 1/2" x 3 1/2" Carriage Bolt- (2)

HARDWARE NEEDED

USB-4- 1/2" USS Flatwasher- (2)
USB-8- 1/2" Hex Nut- (2)
DH-1- Ductile Swing Hangers- (2)
DH-4- 3/8" Bolt Cup- (4)
DH-6-3/8" Nylon Locknut- (4)
DH-8- 3/8" Acorn Nut Plated- (4)



SWING BEAM INSTALL

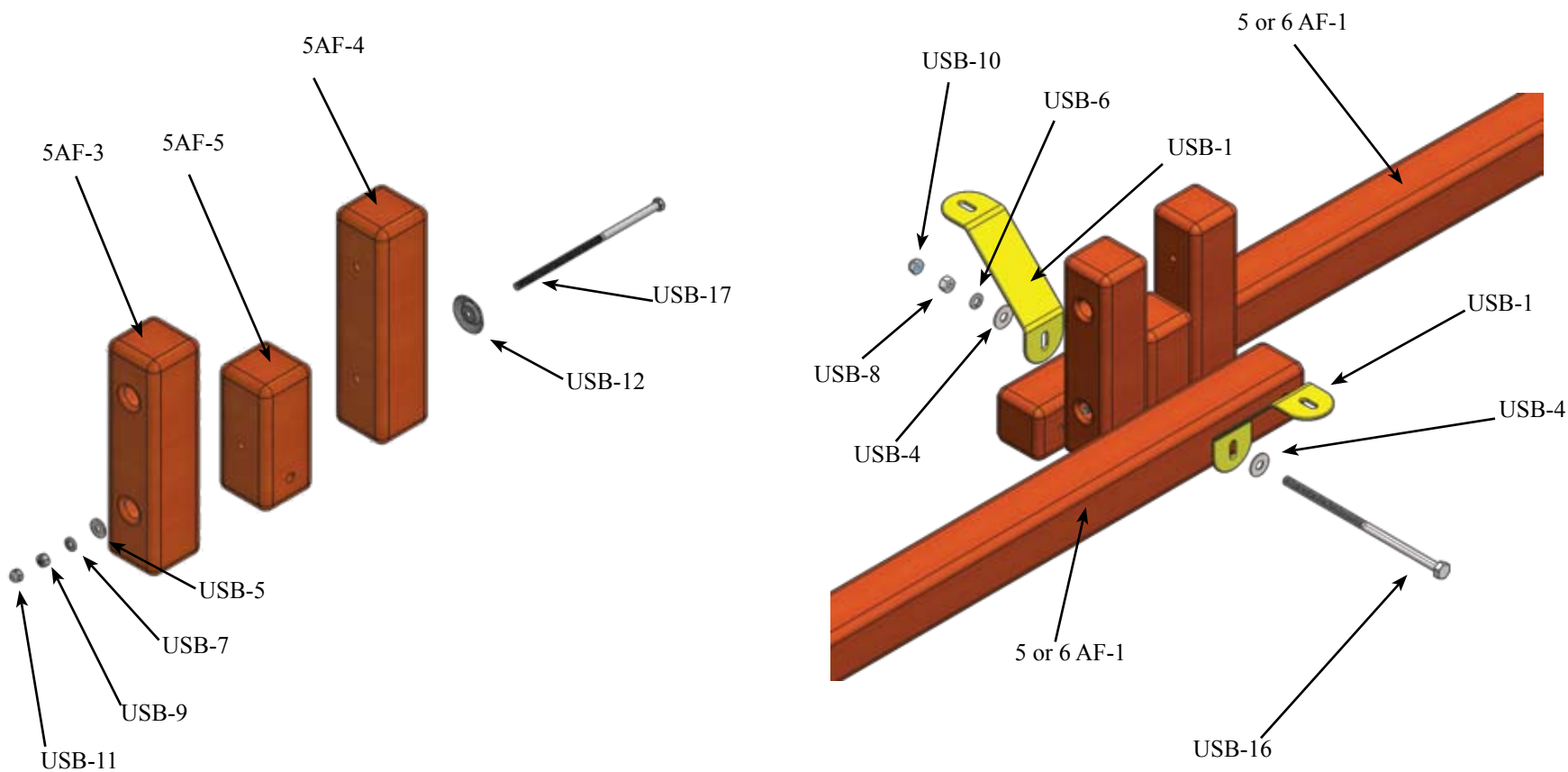
PARTS NEEDED

5 or 6 AF-3- Swing Beam Block w/ Sinks-
 5 or 6 AF-4-Swing Beam Block w/ Holes-
 5 or 6 AF-5-Swing Beam Center Block-
 5 or 6 AF-1- A Frame Legs-

(1) USB-4- 1/2" USS Flatwasher-
 (1) USB-6- 1/2" Split Lockwasher-
 (1) USB-8- 1/2" Hex Nut-
 (1) USB-10- 1/2" Acorn Nut Plated-
 (2) USB-16- 1/2" x 12" Hex Bolt-
 USB-1- Swing Beam 45 Bracket-

HARDWARE NEEDED

(2) USB-5- 3/8" USS Flatwasher- (1)
 (1) USB-7-3/8" Split Lockwasher- (1)
 (1) USB-9- 3/8" Hex Nut- (1)
 (1) USB-11- 3/8" Acorn Nut Plated- (1)
 (1) USB-17- 3/8" x 10 1/2" Hex Bolt- (1)
 (2) USB-12- 3/8" Bolt Cup- (1)



SWING BEAM INSTALL

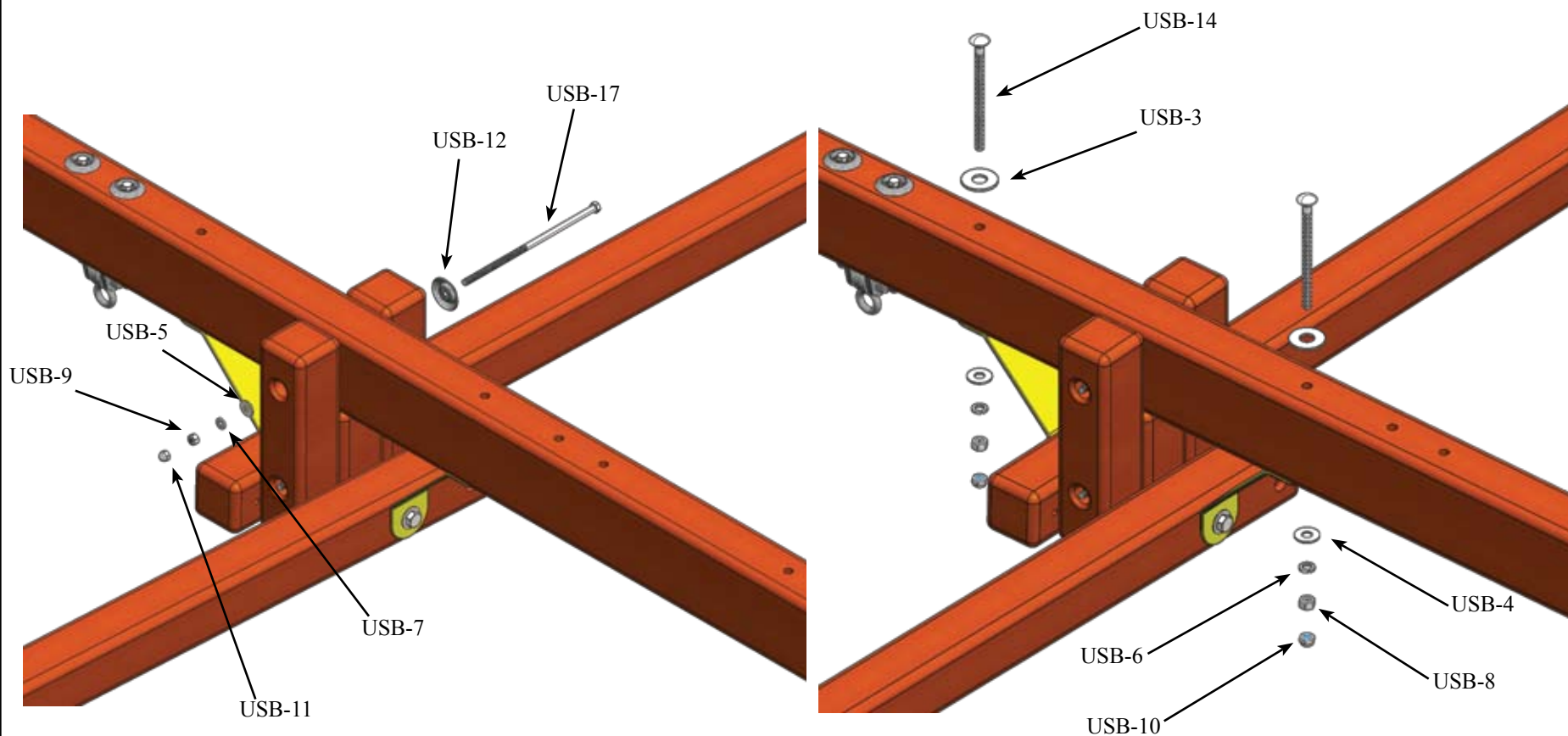
PARTS NEEDED

SB-1,2, or 3- Swing Beam- (1)

USB-4- 1/2" USS Flatwasher- (2)
 USB-6- 1/2" Split Lockwasher- (2)
 USB-8- 1/2" Hex Nut- (2)
 USB-10- 1/2" Acorn Nut Plated- (2)
 USB-14- 1/2" x 7" Carriage Bolt- (2)
 USB-12- 3/8" Bolt Cup- (1)

HARDWARE NEEDED

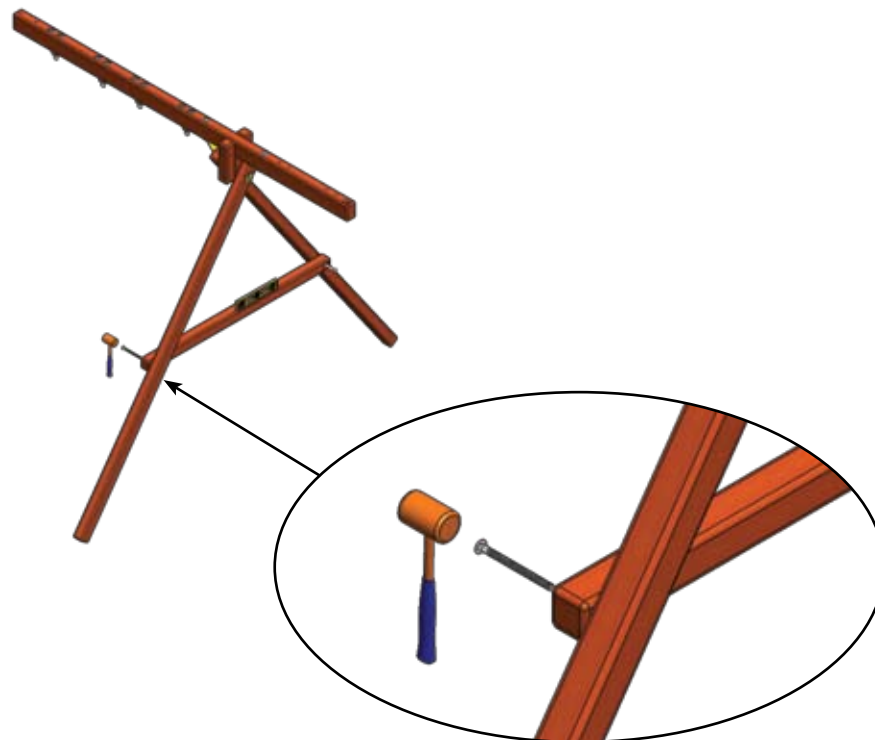
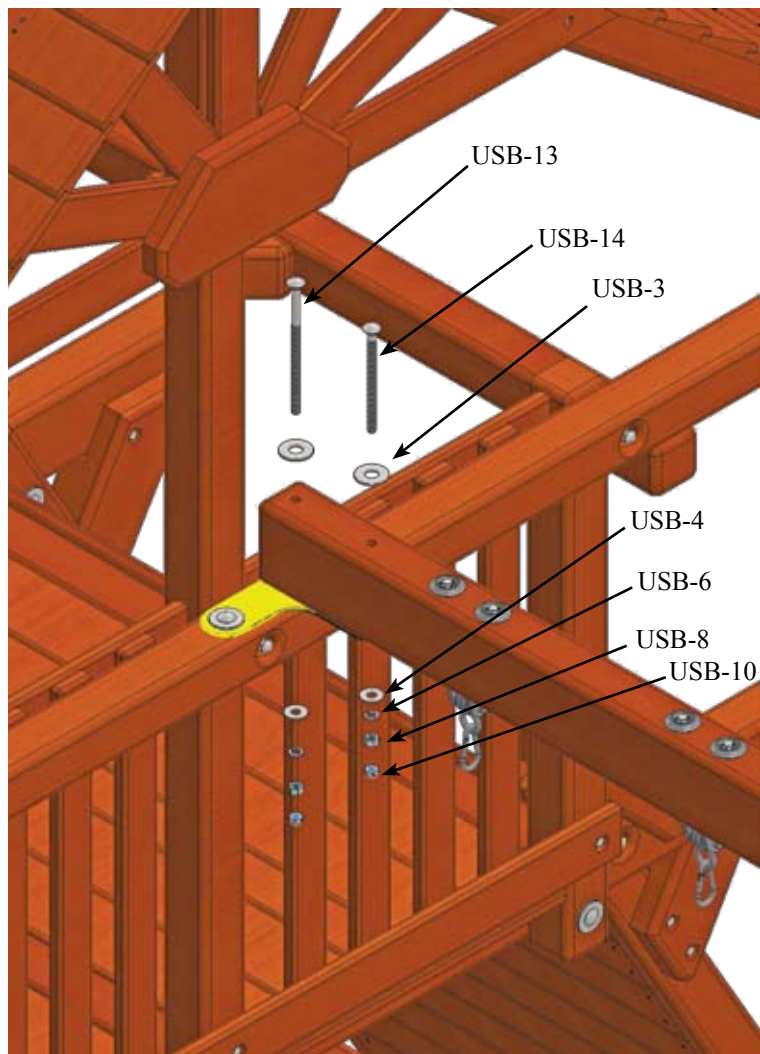
USB-5- 3/8" USS Flatwasher- (1)
 USB-7-3/8" Split Lockwasher- (1)
 USB-9- 3/8" Hex Nut- (1)
 USB-11- 3/8" Acorn Nut Plated- (1)
 USB-17- 3/8" x 10 1/2" Hex Bolt- (1)
 USB-3- 3/4" USS FLatwasher- (2)



SWING BEAM INSTALL

HARDWARE NEEDED

USB-4- 1/2" USS Flatwasher-	(2)	USB-6- 1/2" Split Lockwasher-	(2)
USB-8- 1/2" Hex Nut-	(2)	USB-10- 1/2" Acorn Nut Plated-	(2)
USB-14- 1/2" x 7" Carriage Bolt-	(2)	USB-3- 3/4" USS Flatwasher-	(2)
USB-13-1/2" x 9" Carriage Bolt-	(1)		



Above - Drill a 9/16" hole through the A-FRAME LEGS where your marks are. The holes should be slightly bigger than the bolt to allow for easy insert of the Carriage Bolt used.

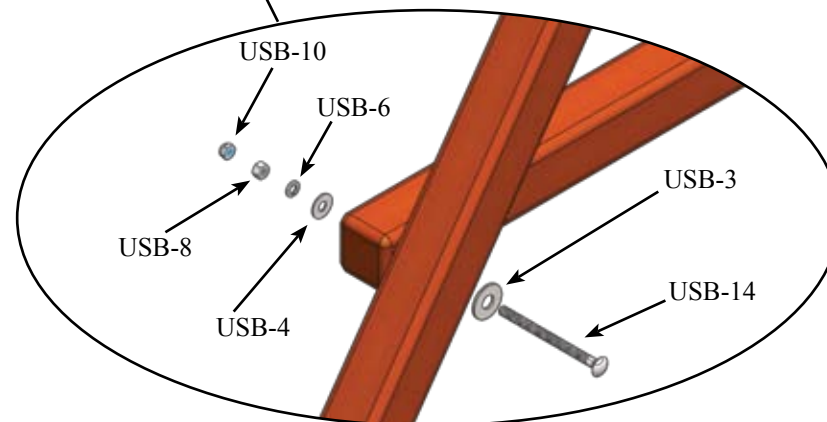
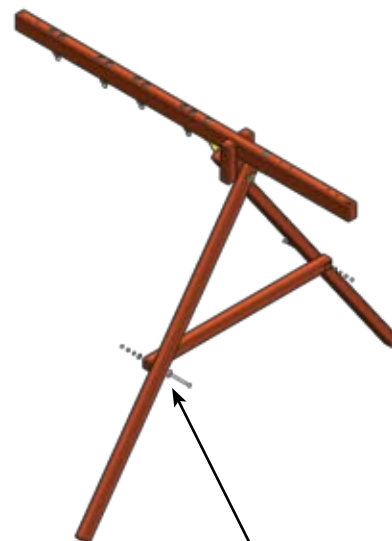
SWING BEAM INSTALL

PARTS NEEDED

5 or 6 AF-2- Crossmember- (1)

HARDWARE NEEDED

USB-4- 1/2" USS Flatwasher- (2)	USB-6- 1/2" Split Lockwasher- (2)
USB-8- 1/2" Hex Nut- (2)	USB-10- 1/2" Acorn Nut Plated- (2)
USB-14- 1/2" x 7" Carriage Bolt- (2)	USB-3- 3/4" USS FLatwasher- (2)

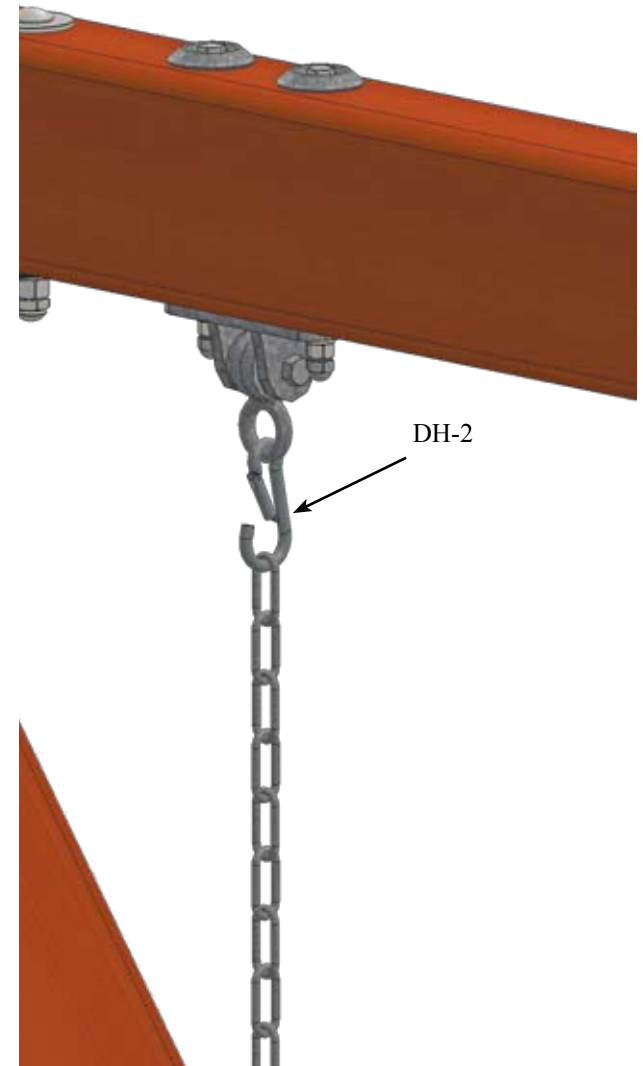
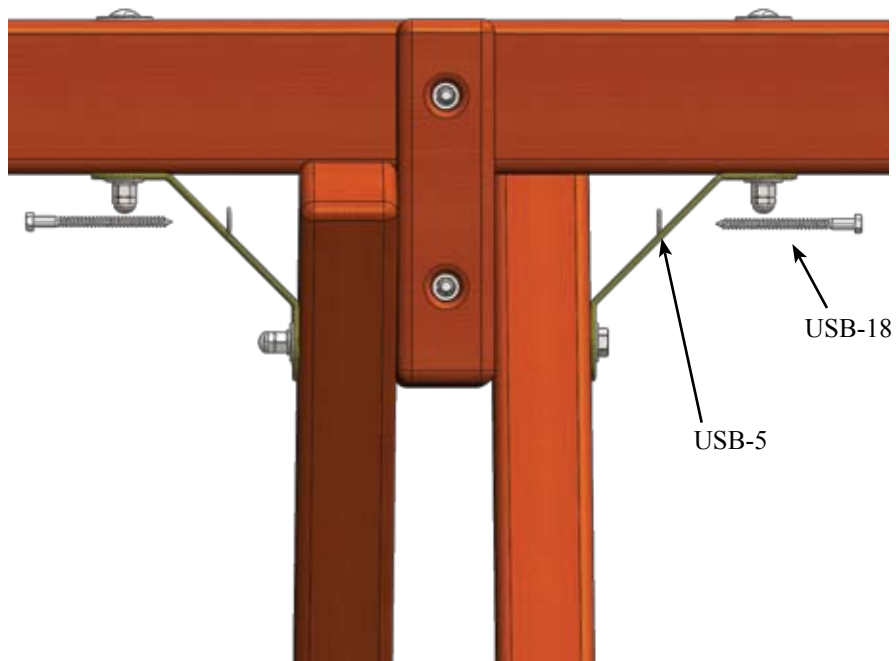


Above - Place the top corner of the A-FRAME CROSS-MEMBER to the outside of the A-FRAME LEG. Use a clamp or another person to hold one side while leveling. Once level and held down, use a 1/2" bolt of any size longer than 5" and a blunt object to mark a hole on the A-FRAME LEGS.

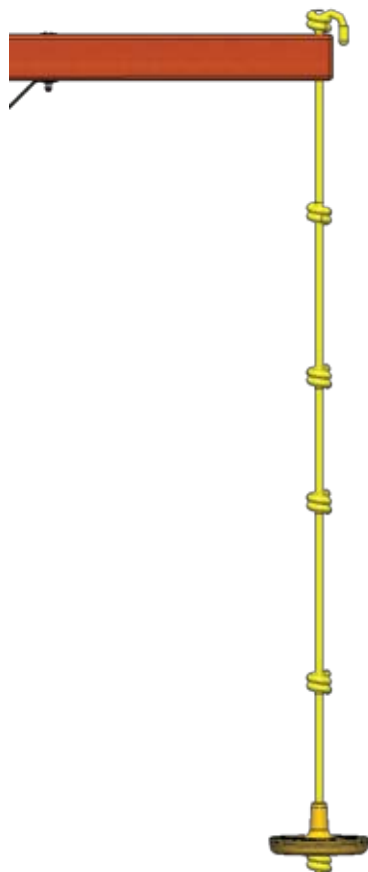
SWING BEAM INSTALL

HARDWARE NEEDED

USB-18- 3/8" x 5" Lag Bolt- (2)
USB-5- 3/8" USS Flatwasher- (2)
DH-2- 10mm x 100mm Spring Clip- (2)



SWING BEAM INSTALL



Above- Thread the rope through the Disc Swing and tie a good knot bigger than the hole. Now tie a knot every 2 ft until the desired height is accomplished. String the rope through the Swing Beam Rope Hole and tie another knot bigger than the hole.

2013 TREE FROGS WARRANTY

Tree Frogs is proud to offer you our Limited 10 Year, 5 Year and 1 Year Warranty. (10/5/1)

Tree Frogs Warranties all Redwood and Cedar components against structural failure due to warping, wood rot, insect infestation (excluding Carpenter Bees) or decay for a period of 10 Years from the date of original purchase. A 10-Year limited Warranty also applies to all rotomolded slides, ductile iron swing hangers, all tire swivels, metal climbing rungs and swing beam brackets against failure due to rust or failure in defect in material. This warranty does not cover cracks, fissions, checks, fading, knots and weathering that are normal natural characteristics of wood, that do not affect the structural integrity of the product. Surface rust, fading, weathering, cracks/chips in coatings and corrosion that does not affect structural integrity is not covered by this warranty.

Furthermore, for a period of 5-Years, Tree Frogs limited warranties applies to all components & accessories (except ropes) that are not covered under the 10-Year Warranty to be free from defects in material and workmanship. This includes all blow molded slides. Surface rust, fading, weathering, cracks/chips in coatings and corrosion that does not affect structural integrity is not covered by this warranty.

And for a period of 1-Year Tree Frogs warranties all ropes to be free of defects in material and workmanship. This includes all structural foam molded slides. Fading is not considered a defect and may occur with seasonal and geographical conditions.

This warranty is limited to a repair or replacement of the defective part. Product covered under this warranty will be shipped at the customer's expense. Tree Frogs is not responsible for any expense associated with freight, or delivery and installation of the warranted part(s). Tree Frogs reserves the right to inspect all warranty claim parts for which a claim has been made.

This limited warranty applies only to the original retail purchaser and for residential use only. These warranties void when product is transferred or sold by original owner. A copy of the original invoice must be presented to initiate warranty claim. This limited warranty does not cover damage from abuse, acts of God, vandalism, negligence, alterations, normal wear & tear, use other than residential, unauthorized modification, damage due to moving of product or improper installation and or use. Any modification could damage the structural integrity of the play system and voids all warranties.

This warranty is exclusive and expressly in lieu of all other warranties, expressed or implied, including warranties of merchantability or fitness for use. Tree Frogs does not assume, or authorize any person to assume for us, any other liability in connection with the sale of our products.

This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

****WARRANTY EXCLUSIONS: Tower Kit (1 YR WARRANTY)**

*****WARRANTY EXCLUSIONS: Toucan Fort, Toucan Playcenter (Limited 5Yr/5Yr/1Yr WARRANTY)**

Register your play system's warranty at WWW.TREEFROGSSWINGSETS.COM.

Tree Frogs reserves the right at any time to change product specifications or substitute similar components.

See your owner's manual for the regular maintenance requirements & maintenance guidelines. Your child's play system & perimeter play zone should be inspected regularly for any wear & safety hazards.