








Parts Identification

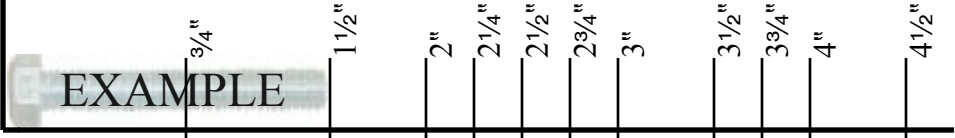
HL50-10 Swing Set



Quantity	Description
1	Box Containing Swing Set Parts
2	$2\frac{3}{8}" \times 8'$ Toprail 
1	$1\frac{7}{8}" \times 13'$ Third Leg 
1	8' Upright Ladder with Sleeves (Actual length 10') 
1	10' Upright Ladder with Sleeves (Actual length 12') 
1	12' 6" Horizontal Ladder 




Swing Set Parts Identification Page





The Small Parts









Bolt Length



	Flat Washer
	Loc Washer

	Nylloc Nut
	Hex Nut
	T-Nut

	Tap Bolt
	Hex Bolt
	Carriage Bolt
	Set Screw with Allen Wrench

		#14 Sheet Metal Screw
		Lag Screw
		#14 Truss Screw
		Grabber Screw



Not every model will have every component or swing part. Pictures are not to scale. The purpose of this sheet is to give you a general idea of the shape and names of the parts of your swing set.

Installation Instructions

HL50-10

Required Tools

Wheelbarrow

Shovel

Digging Bar or Pick

Allen Wrench (provided)

Marker Pen

Ladder

Tape Measure

Level

Open end or box wrench's:

9/16", 3/4"

Ratchet Handle & Sockets:

9/16", 3/4"

PLEASE READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE BEGINNING

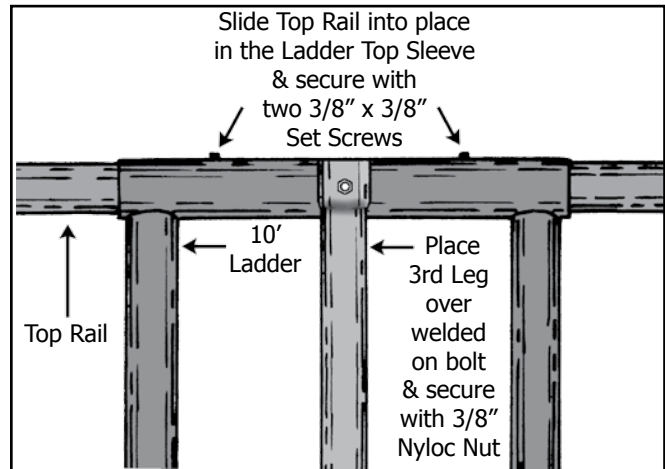
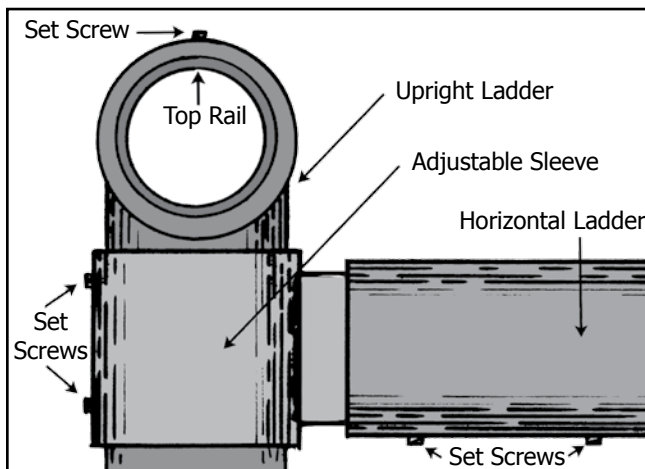
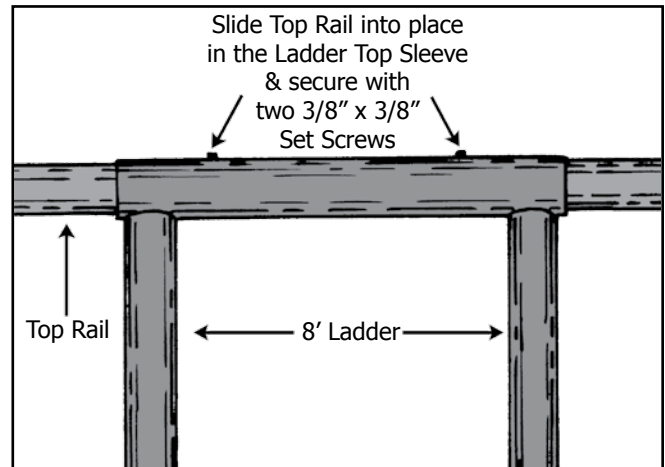
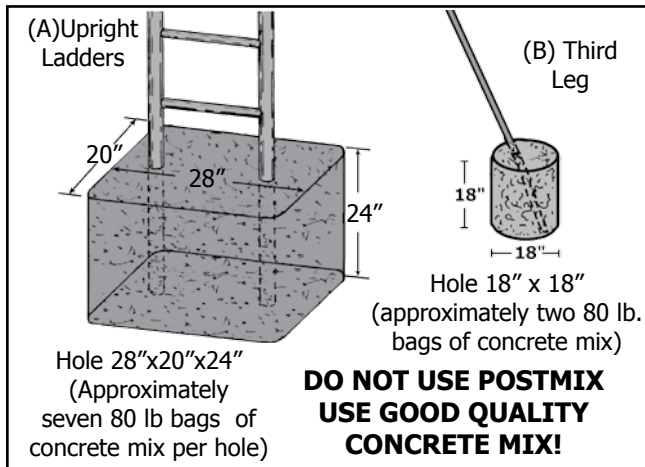
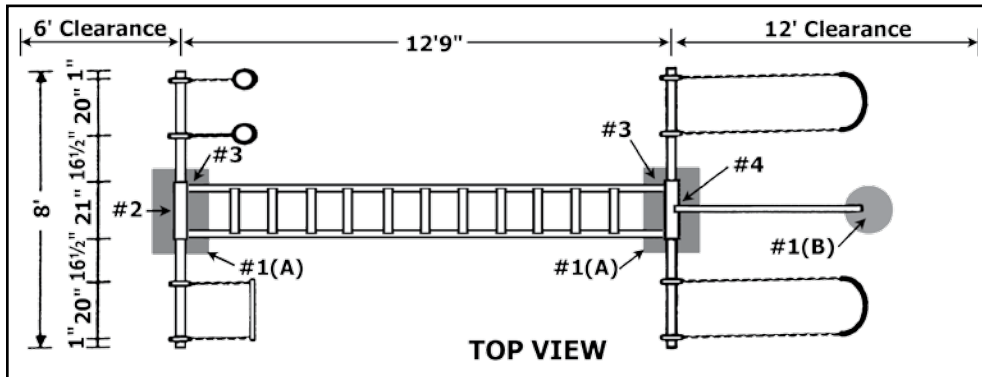
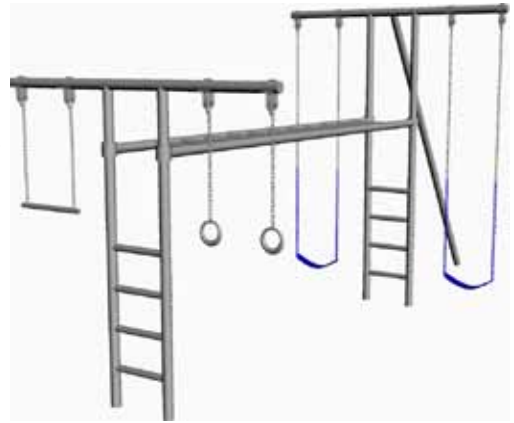
Before digging, Please obey local laws by notifying your local utilities marking organization

1. Select an area in your yard that is reasonably level and meets the space requirements for your equipment. Ground Space: 8' x 19' Play Space: 12' x 31'.
2. Using the measurements from the top view diagram, measure and mark the position of the Swing Hangers and Ladders on both 8' Top Rails. Place the Horizontal Ladder on to the ground in the desired location with Top Rails in the correct position on the ground. (Measure and adjust the Horizontal Ladder on the ground as necessary to provide for the proper play space.)
3. Move 8' Top Rails and set aside.
4. With the Horizontal Ladder in its proper position, mark the locations for the holes where the two Upright Ladders will stand.
5. Move the Horizontal Ladder and dig the holes (see #1A hole sizes for cementing).
6. Lay each Upright Ladder on the ground near the hole where it will eventually stand. Make a mark 15" from the top of the 8' Upright Ladder onto each Ladder Rail. Make a mark 39" from the top of the 10' Upright Ladder onto each Ladder Rail.
7. Move the Adjustable Sleeves to these marks and position them to receive the Horizontal Ladder. This is accomplished turning them to point at a 90 degree angle toward what will become the inside of the structure. (The rungs are welded to what will become the outside of the structure.) Secure set screws.
8. Place the Upright Ladders onto their sides with the bottom of the pipe just over the hole where it will eventually stand. Attach the Horizontal Ladder to the Adjustable Sleeves of the Upright Ladders and secure the set screws (see #3 Horizontal Ladder to Upright Ladder assembly). Hint: Do not push Horizontal Ladder tight against the Upright Ladders. Leave a 1/2" - 1" gap between the Upright Ladder rails and the Horizontal Ladder. This will allow for easier adjustment of the Horizontal Ladder in the future.
9. Using two strong adults, stand the assembled Horizontal Ladder set into the holes.
10. Before installing the third leg, locate the un-smashed end of the third leg with the hole drilled approximately 3" from the bottom. Insert 3/8" x 3 1/2" Hex Bolt and loosely thread 3/8" Nut on the other side. Nut will not thread all the way on and bolt will be loose. (This is to act as an anchor in the concrete and does not need to be tight.)
11. Measure 5 1/2' - 6' away from the 10' Upright Ladder to mark and dig the hole for the Third Leg (see #1B hole sizes for cementing).
12. Install Third Leg by dropping the end into the hole and placing the smashed end with the hole over the bolt that is welded to the Top Sleeve of the Ladder. Using a 3/8" nyloc nut, securely fasten the Third Leg to the 10' Upright Ladder (see #4 attaching the Third Leg).
13. Install plugs into the ends of the Top Rails.
14. Slide Top Rails into Top Sleeve of the Upright Ladders (see #2 Ladder to Top Rail assembly). Secure set screws.
15. Assemble and attach Swing Hangers to Top Rail (see swing hanger assembly sheet).
16. Attach swing chains, seats, trapeze bar and rings.
17. Measure the height of the Top Rails to insure proper swing height.
18. Level the swing set.
19. Mix concrete according to package directions and pour the appropriate quantities into each hole.
20. Allow cement to cure for 3-5 days and enjoy your Component Playground.

INSTALLATION INSTRUCTIONS

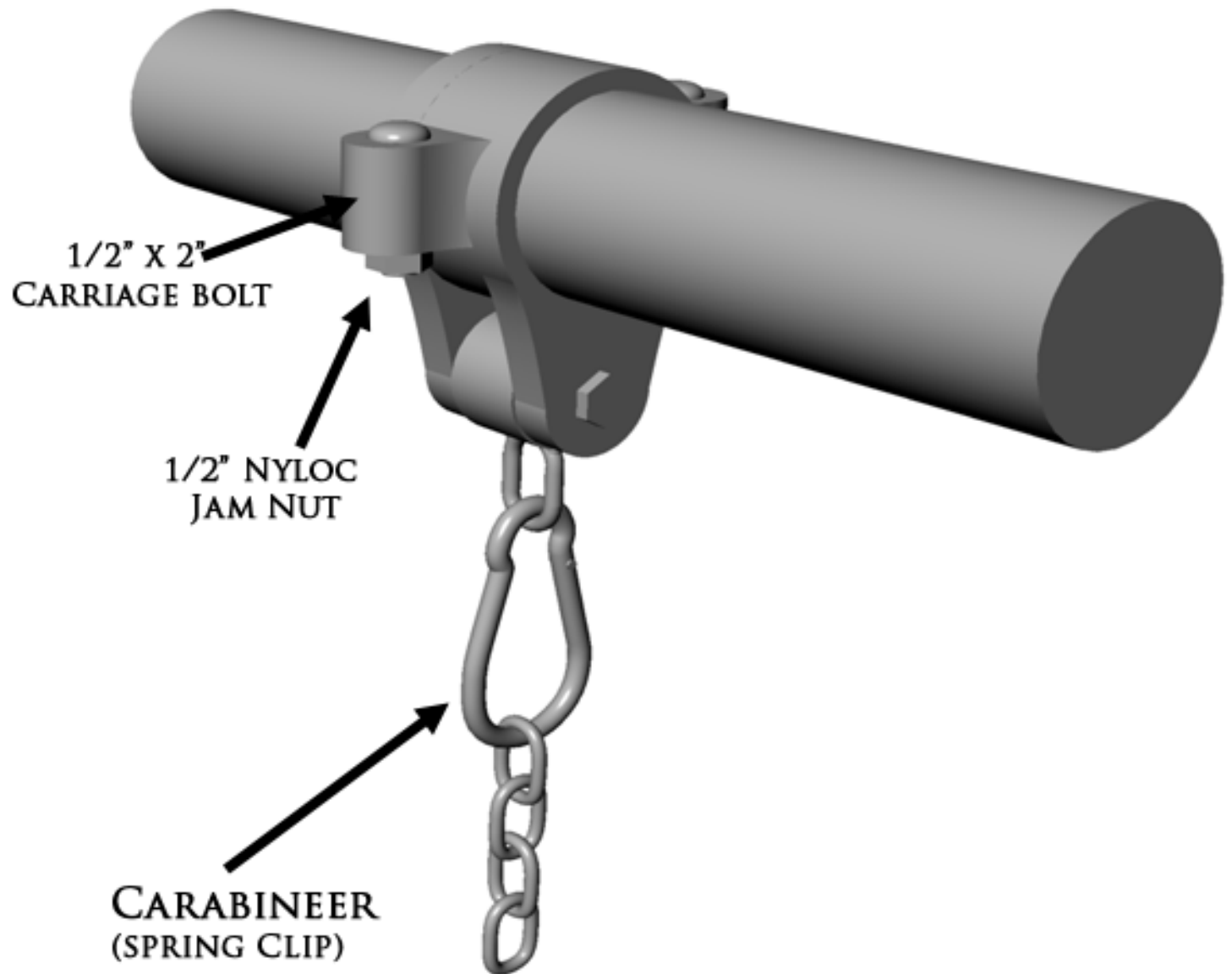
Model HL50-10

GROUND SPACE 8' X 19'
RESIDENTIAL
PLAY SPACE 12' X 31'



BRASS BUSHING SWING HANGER

(MADE OF DUCTILE IRON TO FIT 2 $\frac{3}{8}$ O.D. TOPRAIL)



1. Loosen and remove the top two nyloc jam nuts.
2. Reassemble on to swing top rail. The carriage bolt can be positioned as it is pictured or flipped around so the carriage bolt is on the bottom.
Tighten securely so that the hanger is firmly attached in place and cannot slide or swivel along top rail.
3. Attach Carabineer with chain through the ring.