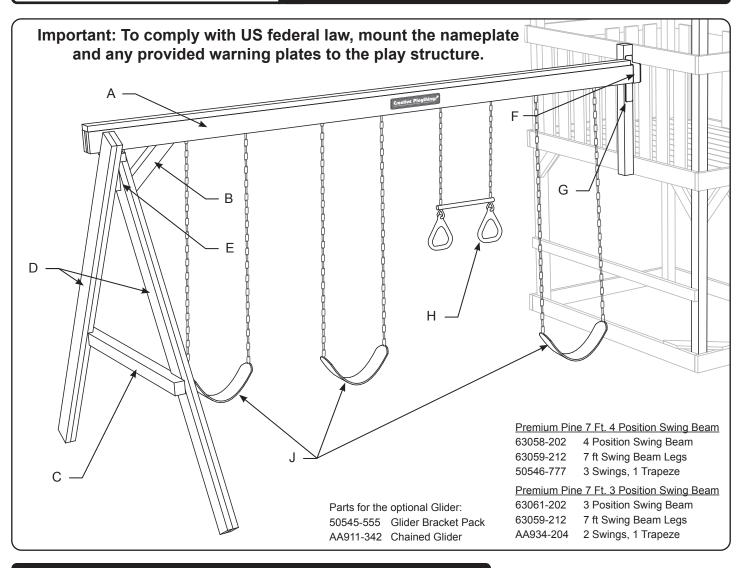
# Creative Playthings

# INSTRUCTIONS

# 7 FT. SWING BEAM



# PARTS

А	1	40587-102	4 Position Swing Beam Assembly
			OR
*	1	40586-102	3 Position Swing Beam Assembly
В	1	32620-102	Angle Brace 4 x 4 x 16-7/8"
С	1	32625-102	Leg Brace 4 x 4 x 58"
D	2	40447-102	Leg Assembly, 7ft. Swing Beam
Е	1	14175-400	T-Bracket, Green
F	1	14176-400	Beam Retainer, Green
G	1	14162-400	8" L-Brace, Green
*	2	14174-400	Beam Bracket (in Hardware Bag)
*	2	36515-102	Stake 2 x 2 x 18"
Н	1	40311-400	Trapeze Assembly
J	3	40321-400	Sling Swing Assembly (2 Swing for 3 Position Beam)
	1	50395-720	Hardware Bag, Swing Beam
	1	50400-721	Hardware Bag, 7 Ft. Swing Beam
			* Not Pictured

This manual documents the assembly of a 4 Position Swing Beam. The 3 Position is similar.

See the instructions for the Gym Tower for information on proper ground cover.

All hardware on this set is specially coated for corrosion resistance. If non-Creative Playthings hardware is used, it <u>MUST</u> be galvanized or stainless steel.

#### HARDWARE Lag Screw 3/8 x 3-1/2" Lock Washer 3/8' Flat Washer 3/8" Weld Nut 3/8" Lag Screw 3/8 x 4" Screw #10 x 2-1/2" Hex Bolt 3/8 x 3" Lock Nut 5/8" Hex Bolt 3/8 x 3-1/2" Flat Washer 5/8" Lock Nut 3/8" Hex Bolt 3/8 x 4" Pan Head Screw #6 x 1/2" Hex Bolt 3/8 x 5" 1" Hole Cap Hex Bolt 3/8 x 7-1/2" (Truncated to fit on page). Hex Bolt 5/8 x 10" (Truncated to fit on page). 50395-701 Hardware Bag, 5/8" Fasteners 50400-721 Hardware Bag, 7 Ft. Swing Beam 2 12002-211 Flat Washer 5/8" 2 14174-400 Beam Bracket 1 17123-5810 Hex Bolt 5/8 x 10" 3 15144-950 Plug, 50 Mm Square, Black Nylock Nut 5/8" 50229-700 Bag HD Ny-Glide Swing Hangers (6) 1 12052-111 1 6 17020-113 Screw #10 x 2-1/2" Bag HD Ny-Glide Swing Hangers (6) 50229-700 50395-703 Hardware Bag, 3/8" Fasteners 6 14090-100 Heavy Duty Ny-Glide Swing Hanger 12002-207 Flat Washer 3/8 17036-1403 Lag Screw 3/8 x 3-1/2" 18 12 Lock Washer 3/8 3/8" Flat Washer 7 12017-207 12 12002-207 17001-103 4 Weld Nut 3/8" 50470-100 **Creative Nameplate Bag** 2 17003-1213 Hex Bolt 3/8 x 3" 14209-100 **Creative Nameplate** 1 17003-1413 2 Hex Bolt 3/8 x 3-1/2" 4 17128-202 Stainless Pan Head Screw #6 x 1/2" 17003-1613 Hex Bolt 3/8 x 4" 1 In addition, the 4 position beam includes: Hex Bolt 3/8 x 5" 2 17003-2013 17003-3013 Hex Bolt 3/8 x 7-1/2" 50399-700 1 1 Bag HD Ny-Glide Swing Hangers (2) 6 17036-1603 Lag Screw 3/8 x 4" 2 14090-100 Heavy Duty Ny-Glide Swing Hanger 3 12052-107 Nylock Nut 3/8" 17036-1403 Lag Screw 3/8 x 3-1/2" 4 2 15081-704 1" Hole Cap, Brown 12002-207 Flat Washer 3/8 4

These Swing Mount installation instructions apply to the Williamsburg and Lexington gyms only. Mounting instructions for the Chesapeake, Yorktown, Ridgefield, Norfolk and Manchester gyms are included in the assembly manual provided with those sets.

# Installing Swing Mount for Williamsburg and Lexington:

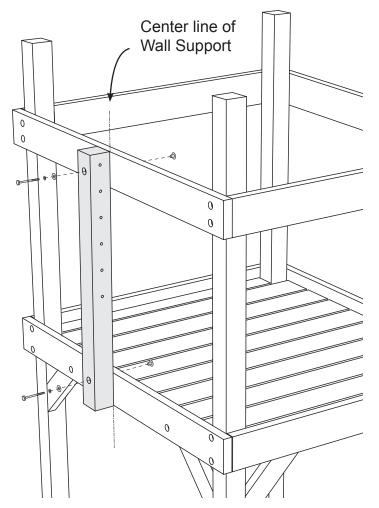
The 7 Ft Swing Beam can be mounted to any side of the Williamsburg or Lexington Gyms, as long as no other elements conflict with the swing safe play zone. The safe play zone for the 7 Ft Swing Beam is 14' in front and 14' behind the Beam.

Hold a Swing Mount (B) in place with **one edge** aligned to the center of the Wall Support and Platform Support, above the Safety Rail. Use a level to assure the Swing Mount is plumb.

Mark the positions of the holes at each end of the Swing Mount on the Wall and Platform Supports. **Make sure that the holes will not conflict with other hardware.** Drill 3/8" diameter holes through the boards at each mark.

Fasten the Swing Mount to the Wall Support and Platform Side using two 5/16 x 4" Hex Bolt Assemblies.

Note: It is best to mount the Swing Beam at the middle of the side of a gym. Since the side of a Lexington gym is very long, it is allowable mount the Swing Beam as close as 2'6" to the end of the gym.

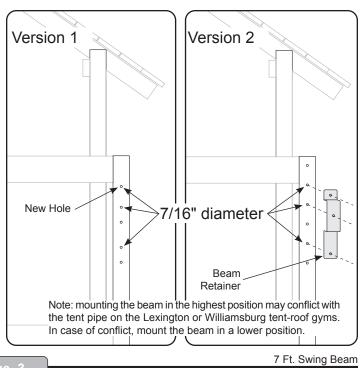


# STEP 1 – Mark & Drill Hole for Bracket

There are two different Swing Mount hole patterns that you may encounter. The first version, which is on the right, should be treated as follows:

On the side of Swing Mount, make a mark 4-1/8" above the top hole. Drill a 7/16" diameter hole through the mark made, as shown. Use the 7/16" diameter drill to enlarge the other holes indicated.

The second version, on the right, offers more flexibility. Use the Beam Retainer (F) as an aid to determine which group of three holes to use when mounting the Swing Beam. If the ground drops away from the gym, use the lowest combination. If there is to be deep ground cover, use the highest combination. Use a 7/16" diameter drill to enlarge the holes chosen.



# **ASSEMBLY INSTRUCTIONS**

### STEP 2 – Swing Hangers

It is extremely important that you read and follow in installation procedure provided in the Swing Hanger package. The Swing Hangers should be mounted to the underside of the Swing Beam Assembly in the positions shown.

In the case that a Spiral Slide Direct Adapter is attached to the Gym, a Ring Trapeze should be mounted closest to the Gym. The optional Glider should be mounted at the end of the Swing Beam next to the legs.

IMPORTANT: When mounting a Swing Beam to a Norfolk or Manchester Gym. Do not install the two swing hangers closest to the gym. The area must be kept open for tire swing clearance.

#### STEP 3 – Nameplate

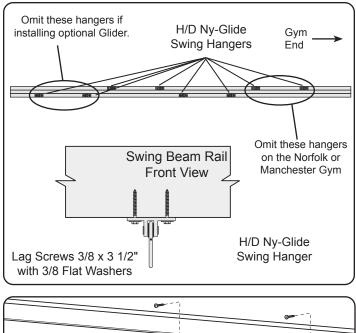
Federal law requires that the name of the manufacturer be permanently fastened to the gym.

Use the spacing of the swings to determine placement. Fit the nameplate at the center of the swing spacing. Use the included #6 x 1/2" pan head screws to attach the name plate to the Swing Beam.

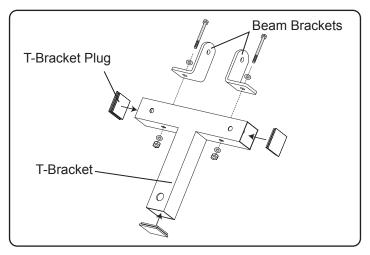
# STEP 4 – T-Bracket Assembly

Insert three T-Bracket Plugs into the open ends of the T-Bracket.

Fasten two Beam Brackets the T-Bracket (E) using one 3/8 x 3" Hex Bolt, two 3/8" Flat Washers and one 3/8" Nylock Nut each.

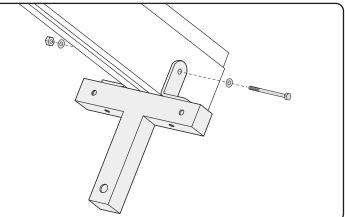






#### STEP 5 – Install T-Bracket Assembly

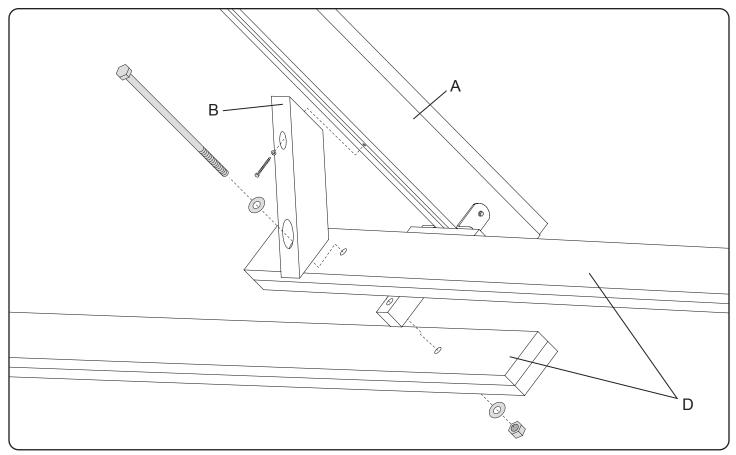
Attach the T-Bracket Assembly to the Swing Beam using one  $3/8 \times 5$ " Hex Bolt, two 3/8" Flat Washers and one 3/8" Nylock Nut.



# **ASSEMBLY INSTRUCTIONS**

### STEP 6 – Install Angle Brace & Legs

Fasten the Angle Brace (B) and two Leg Assemblies (D) to the T-Bracket Assembly using one  $5/8 \times 10^{\circ}$  Hex Bolt, two  $5/8^{\circ}$  Flat Washer and one  $5/8^{\circ}$  Nylock Nut. Do not fully tighten the Hex Bolt Assembly. Secure the Angle Brace (B) to the Swing Beam Assembly using one  $3/8 \times 4^{\circ}$  Lag Screw and one  $3/8^{\circ}$  Flat Washer.



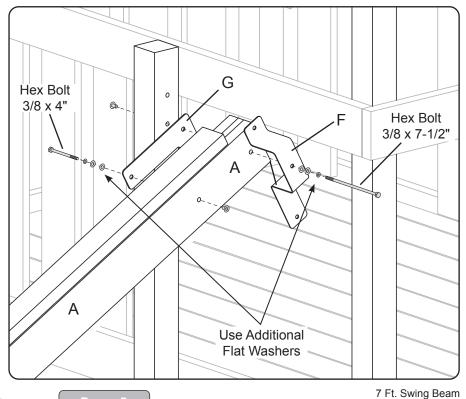
#### STEP 7 - Install Swing Beam

**NOTE:** This step requires at least two people to complete.

Fasten the Beam Retainer (F), the Swing Beam Assembly (A) and L-Brace (G) to the second hole on the Swing Mount using one  $3/8 \times 7-1/2$ " Hex Bolt Assembly, as shown.

Secure the L-Brace to the Swing Beam using one 3/8 x 4" Hex Bolt Assembly (The Weld Nut should be on the front of the Swing Beam), as shown.

In order to assure that the Hex Bolts fully engage with the Weld Nut, the Hex Bolts used in this step are slightly longer than necessary. Please use additional Flat Washers if the end of the Hex Bolt extends more than 1/8" beyond the Weld Nut.



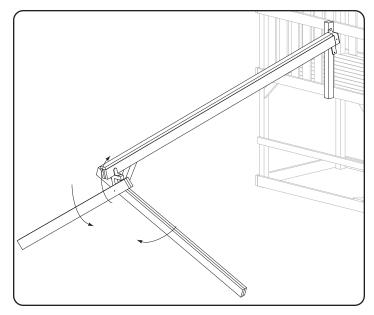
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# **ASSEMBLY INSTRUCTIONS**

# STEP 8 – Raise the Swing Beam

Slowly raise the Swing Beam off the ground until the holes from the Beam Retainer, L-Brace and the third hole from the top end of the Corner Post line up and the Beam is level.

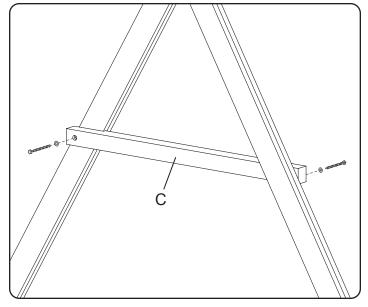
Position the Legs to support the Beam.



# Step 9 – Leg Brace

Align the Leg Brace (C) to the Leg Assemblies. Make sure the Leg Brace is level.

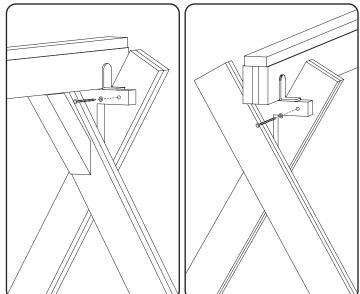
At the contact point, mark the placement of the holes of the Leg Brace to the Leg Assemblies. Drill a 1/4" diameter hole and 1" deep on each mark made. Fasten the Leg Brace to the Leg Assemblies using two 3/8 x 4" Lag Screws and two 3/8" Flat Washers.



# STEP 10 – Secure Legs to T-Bracket

Fasten the Leg Assemblies to the T-Bracket Assembly using two 3/8 x 4" Lag Screws and two 3/8" Flat Washer. (Drill 1/4" diameter pilot holes in the Leg Assemblies for the Lag Screws).

Tighten the Hex Bolt Assembly that connects to the Angle Brace.



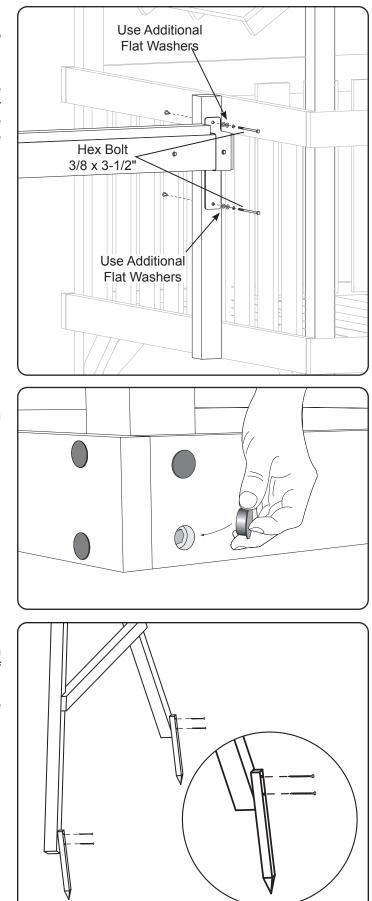
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## STEP 11 – Secure the Beam Retainer

Secure the Beam Retainer to the Swing Mount through the top and bottom holes using two  $3/8 \times 3-1/2$ " Hex Bolt Assemblies. Tighten all fasteners.

In order to assure that the Hex Bolts fully engage with the Weld Nut, the Hex Bolts used in this step are slightly longer than necessary. Please use additional Flat Washers if the end of the Hex Bolt extends more than 1/8" beyond the Weld Nut.

# **ASSEMBLY INSTRUCTIONS**



#### STEP 12 – Hole Caps

Make sure that all hardware is secure. Install 1" Hole Caps in the counter-bored holes.

#### STEP 13 – Stakes

Drive each Stake into the ground next to the Swing Beam Legs, as shown. Secure the Stakes directly into the base of the Leg Assemblies using two  $#10 \times 2-1/2$ " Screws each.

**NOTE:** The top of the Stakes must NOT extend beyond the profile of the leg.