

# HART™



## DIY Tree Swing

Kayla | [@flyingjsranch](https://www.instagram.com/flyingjsranch)

# PROJECT PLAN

**Finished Dimensions:** Varies based on Desired Size

**Skill Level:** Intermediate

# Materials

Item	Qty
12' x 2" x 4" lumber	3
8' x 2" x 6" lumber	3
1" thick jute rope (100ft)	1
2" Screws	10
3" Screws	28
1" x 3-1/2" screw eye	4
Wood Glue	-

\* Board dimensions are "nominal." Actual dimensions are smaller due to lumber industry standards. Cuts are actual length.

# Tools Used



Drill Driver



Impact Driver



Level



Tape Measure



Miter Saw



Safety Glasses

# Lumber Cut List

Board*	Description	Cut To	Qty
2 x 4	(A) Frame	44"	2
2 x 4	(B) Frame	18-1/2"	2
2 x 4	(C) Frame Supports	15-3/8"	2
2x6	(D) Seat	47"	3
2x6	(E) Back Rest	47"	3
2x4	(F) Back Rest Support	19"	2
2x4	(G) Arm Rest Fronts	12" (one end 45°)	2
2x4	(H) Arm Rest Tops	18-3/4" (one end 45°)	2

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# Assembly Instructions

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## Step 1

Build seat! Secure cuts A and B with 3" screws, 2 on each corner. Your A cuts should be set inside B cuts. Use a 3/32 drill bit for pilot holes for all spots calling for screws.

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## Step 2

Secure cuts C (for support) at 15" and 30" on the frame, use 2 3" screws on each end

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## Step 3

Lay cuts D across your frame with ¼" spacing between each D board Use 2 3" screws on each end. This is your seat!

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## Step 4

Build back rest! Lay down E cuts with ¼" spacing. Lay each F cut 4" from the edge, and 1" from the top of your laid out E cuts. Secure with 3 2" screws on each side, one screw through each of your E cuts.

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## Step 5

Screw your back rest onto the seat with 3" screws

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## Step 6

Secure G cuts to the front of your seat using 2 2" screw on each end. Your 45 degree end should be facing back rest.

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## Step 7

Secure H cuts into the back rest, use level to insure arm rests are level. Use wood glue to secure 45 degree angle sides.

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## Step 8

Your bench is built! Now secure your screw eyes on all 4 edges of the seat. Add stain or paint of your choice! I chose Special Walnut Stain. Let dry/ cure

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## Step 9

This swing is hanging on our oak tree, so measure jute rope to your desired length. Leave an extra 12" on the bottom.

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## Step 10

Send jute rope through screw eyes and knot underneath.

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## Step 11

Grab a lemonade, sit down and swing on your new bench!