

# HART™



## Halloween Hanging Arm Shop Sign by @springacresfarmhouse

# PROJECT PLAN

**Finished Dimensions:** 18.5" x 19.5"

**Skill Level:** Beginner

# Materials

Item	Qty
1"x2"x8'	1
1"x3"x8'	1
½" mdf cut to 11" H x 14" W	1
120 grit sandpaper	1
1 ¼"- 18 gauge brad nails	1
#112 x 1 ⅛" screw eye hooks (black)	4
16 gauge jack chain (black)	6"

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

# Tools Used



Miter Saw



Orbital Sander



Pliers

## Also Needed: Brad Nailer

**Battery Tip:** A 4.0 Ah battery is recommended to be paired with high amp draw tools for maximum efficiency.

# Lumber Cut List

Board*	Description	Cut to	Qty
1 x 2 x 8	Sign Frame Top/Bottom	15.5"	2
1 x 2 x 8	Sign Frame Slides	11"	2
1 x 3 x 8	Sign Support Arm	18" with 45° bevel on one end	1
1 x 3 x 8	Sign Support Side	19.5" with 45° bevel on one end	1
1 x 3 x 8	Sign Support Brace	5.25" with two opposite 45° bevels (one on each end)	1
½" mdf	Sign Face	14" W x 11"H	1

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

# Assembly Instructions

## Step 1

Cut the sign frame pieces (1"x2"x8"). Two at 11" and two at 15.5" long.

## Step 2

Cut sign support pieces (1"x3"x8"). Arm at 18" with 45 degree bevel on one end. Side at 19.5" with 45 degree bevel on one end. Support at 5.25" with two opposite 45 degree bevels (one on each end).

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## Step 3

Sand all of the frames and support pieces with 120 grit sandpaper. Stain or paint if desired.

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## Step 4

Cut MDF to 14" Wx 11"H.

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## Step 5

Paint or stencil on your Halloween sign design.

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## Step 6

Use a brad nailer to secure the frame pieces to MDF on corners and sides. Be sure to use 15.5" pieces on top and bottom. A corner clamp is helpful to start each corner nailing.

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## Step 7

On the top sign frame piece (15.5"), measure 4" in from each side of the top sign support. Screw in eye hooks on the center. (You may be able to hand screw these in if you're using a soft wood like pine. If needed on hardwood, you can use a drill to drill a small pilot hole to screw into.)

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## Step 8

On the bottom of the sign support arm piece (18"), measure 5.5" in on the non-beveled end. Measure in 5" from the beveled end. Screw in the eye hooks on center.

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## Step 9

Use a brad nailer to assemble the sign support. The support arm piece (18") should go perpendicular, two inches from the top of the side arm piece (19.5"). Brace piece should fit underneath in the corner of the two pieces. Use 5-1 1/4" brad nails to attach each piece.

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## Step 10

Use needle nose pliers to unlink two sets of 3' of jack chain. Attach the chains from support arm eye hooks to the sign frame eye hooks. Change out your sign for each season!