



PLANS BY RYOBI NATION CREATIVE TEAM

FOLDING COFFEE TABLE



DIMENSIONS: 24" X 40" X 18"
DIFFICULTY LEVEL: EASY

TOOLS

REQUIRED

18V Drill
18V Jigsaw
18V Finish Sander
18V Circular Saw

OPTIONAL

18V Router
Miter Saw
Table Saw

ADDITIONAL REQUIRED ITEMS

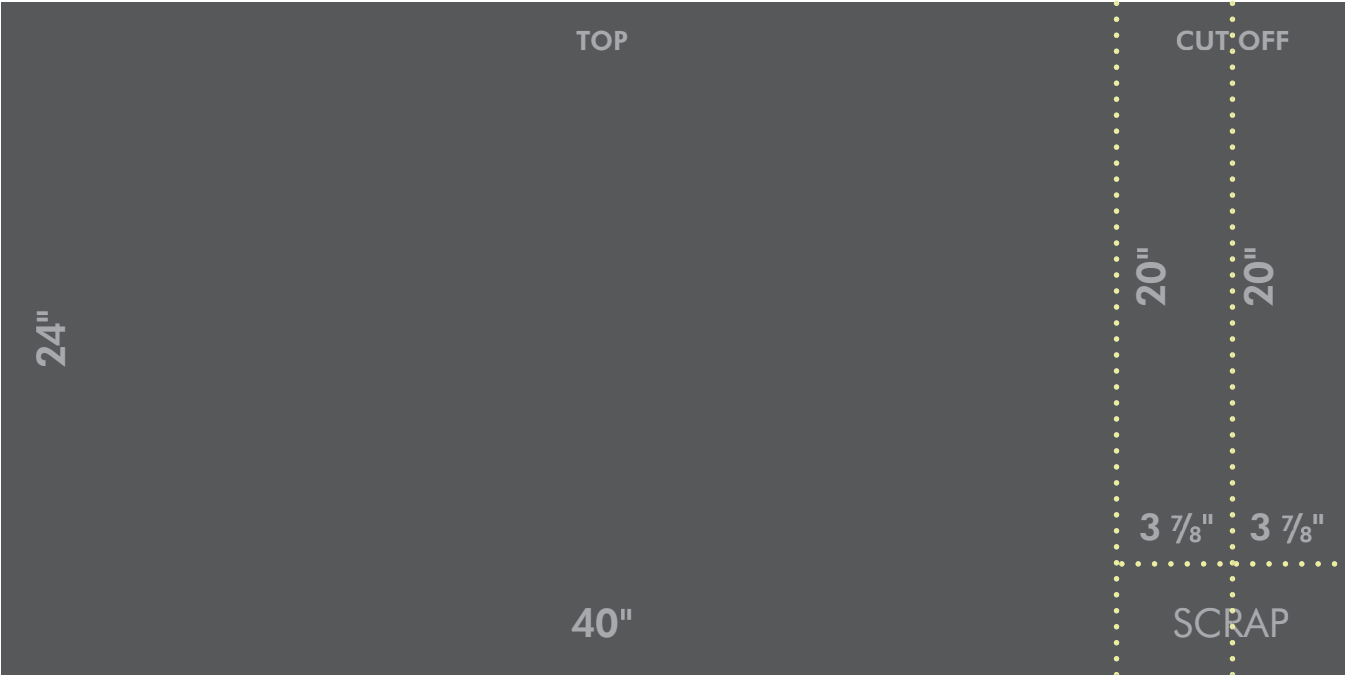
Tape Measure
Pencil
Square
Safety Glasses
Hearing Protection

PURCHASE LIST:

(1) 24" x 48" x $\frac{3}{4}$ " (Pre-cut $\frac{3}{4}$ " Sheet. Anything smooth except MDF)
(1) 2" x 2" x 8' (Furring Strips. Find Straightest Piece Possible)
(8) 1 $\frac{1}{4}$ " Screws
Support Hinges 2 of Each:
 THD SKU(s): 1000-020-966 (Right)
 1000-020-965 (Left)
(2) Folding Hinges
150/220/320+ Grit Sand Paper

LUMBER CUT LIST:

3/4" X 2' X 4' PLYWOOD



2" X 2" X 8'

FURRING STRIPS (LEGS)

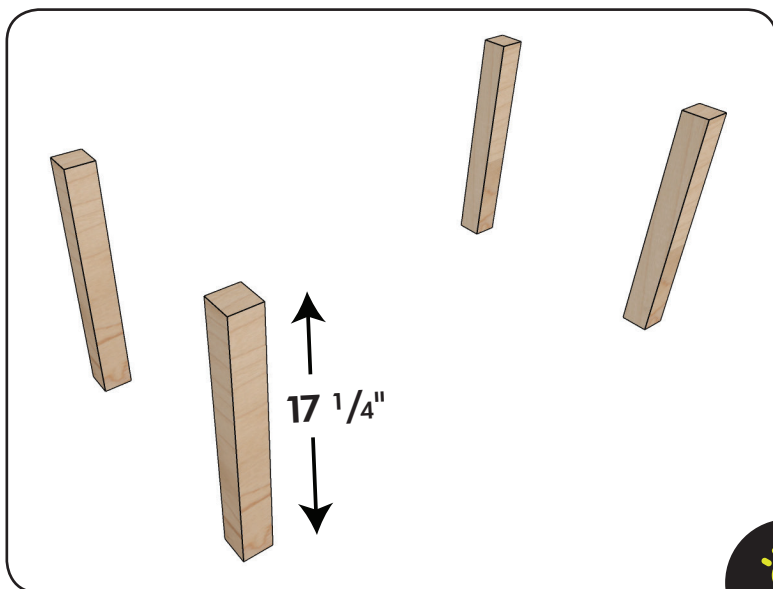
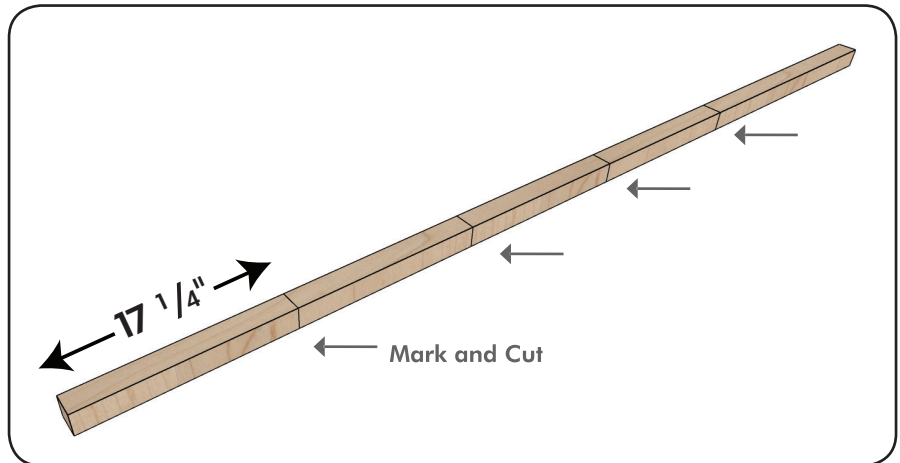


ASSEMBLY:

1

MAKING THE LEGS

Cut the furring strips (legs) down to $17 \frac{1}{4}"$ using the jig saw (miter saw if possible).



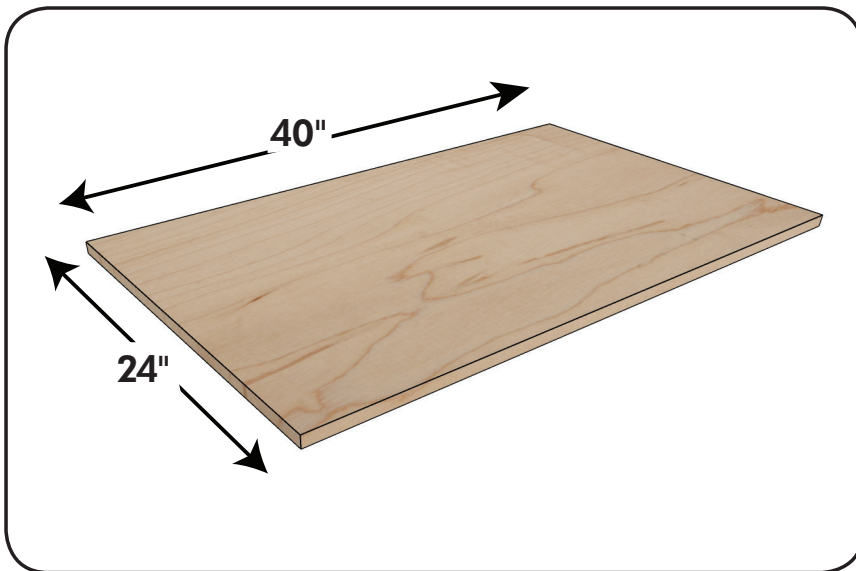
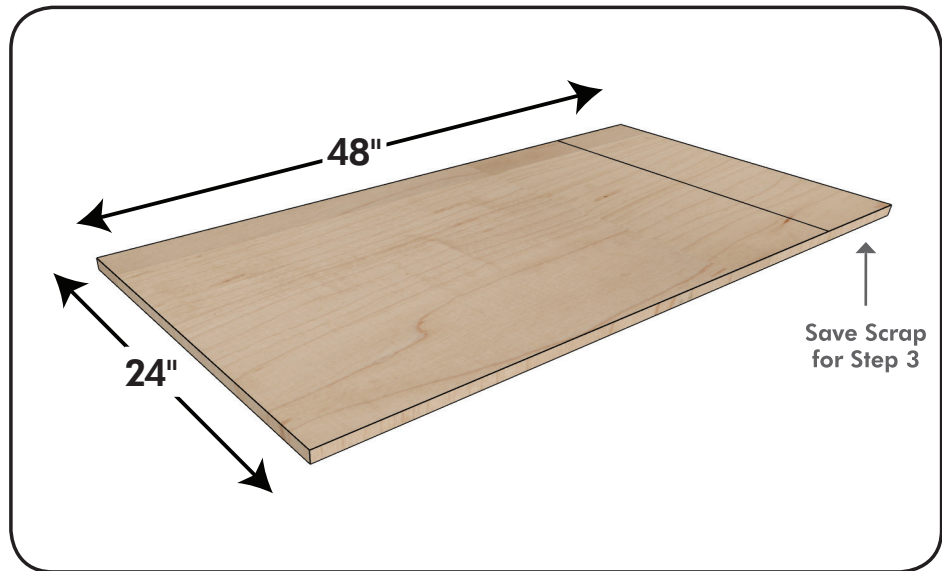
HELPFUL HINT

Overall table height should equal height to couch seat, so adjust accordingly and account for $\frac{3}{4}"$ top

2

TABLE TOP

Mark both sides of the material at 40" and connect the lines with your straight edge for most accurate line to follow.



Cut $\frac{3}{4}$ " sheet from 48" down to 40" using the circular saw.



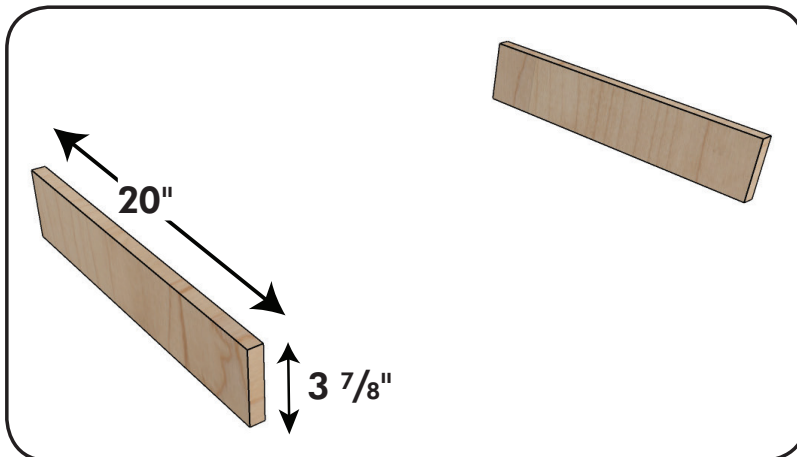
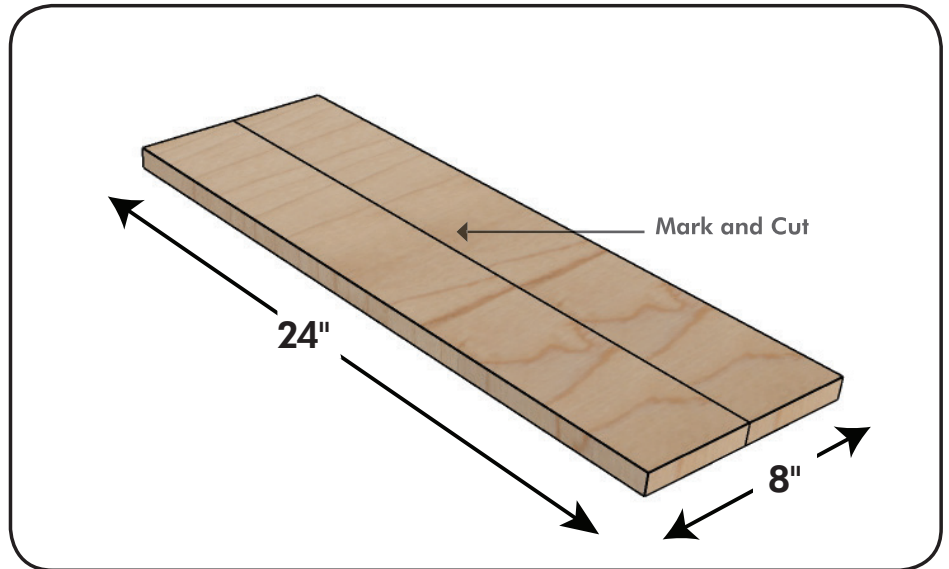
HELPFUL HINT

Move slow enough to maintain a straight line, but fast enough to not burn the wood with the blade

3

LEG CONNECTING PIECES

With the cutoff piece from the top (8" x 24"), rip cut the material in half to give you two pieces about 3 7/8" x 24".

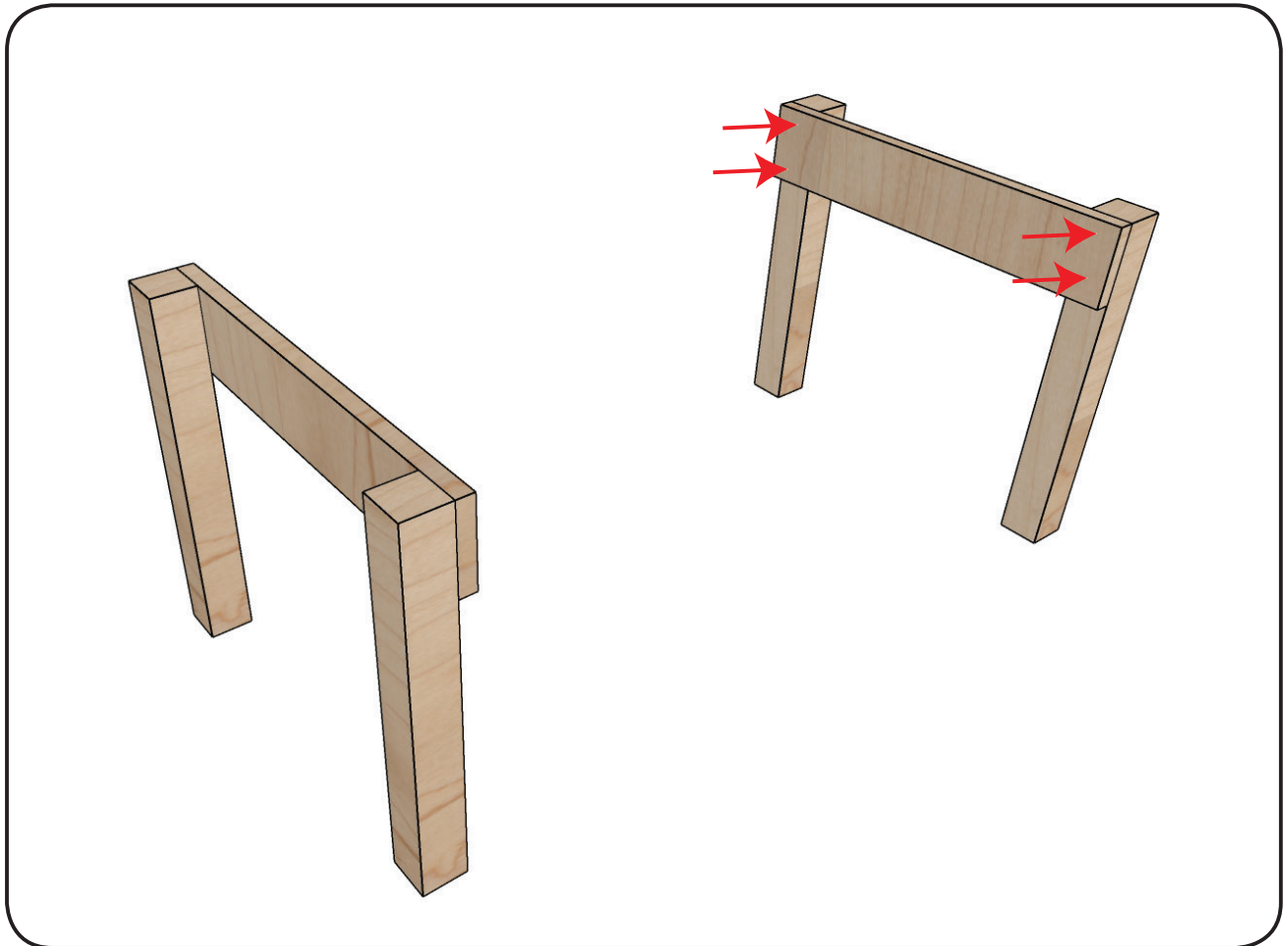


Once you have rip cut the material, cut both pieces down to 3 7/8" x 20".

4

ATTACHING THE LEGS

Fasten 2 legs to each piece of $3\frac{7}{8}" \times 20" \times \frac{3}{4}"$ by drilling a pilot hole (so the wood doesn't split) and fastening with your screws. Make sure that the the pieces are flush along the sides and top.



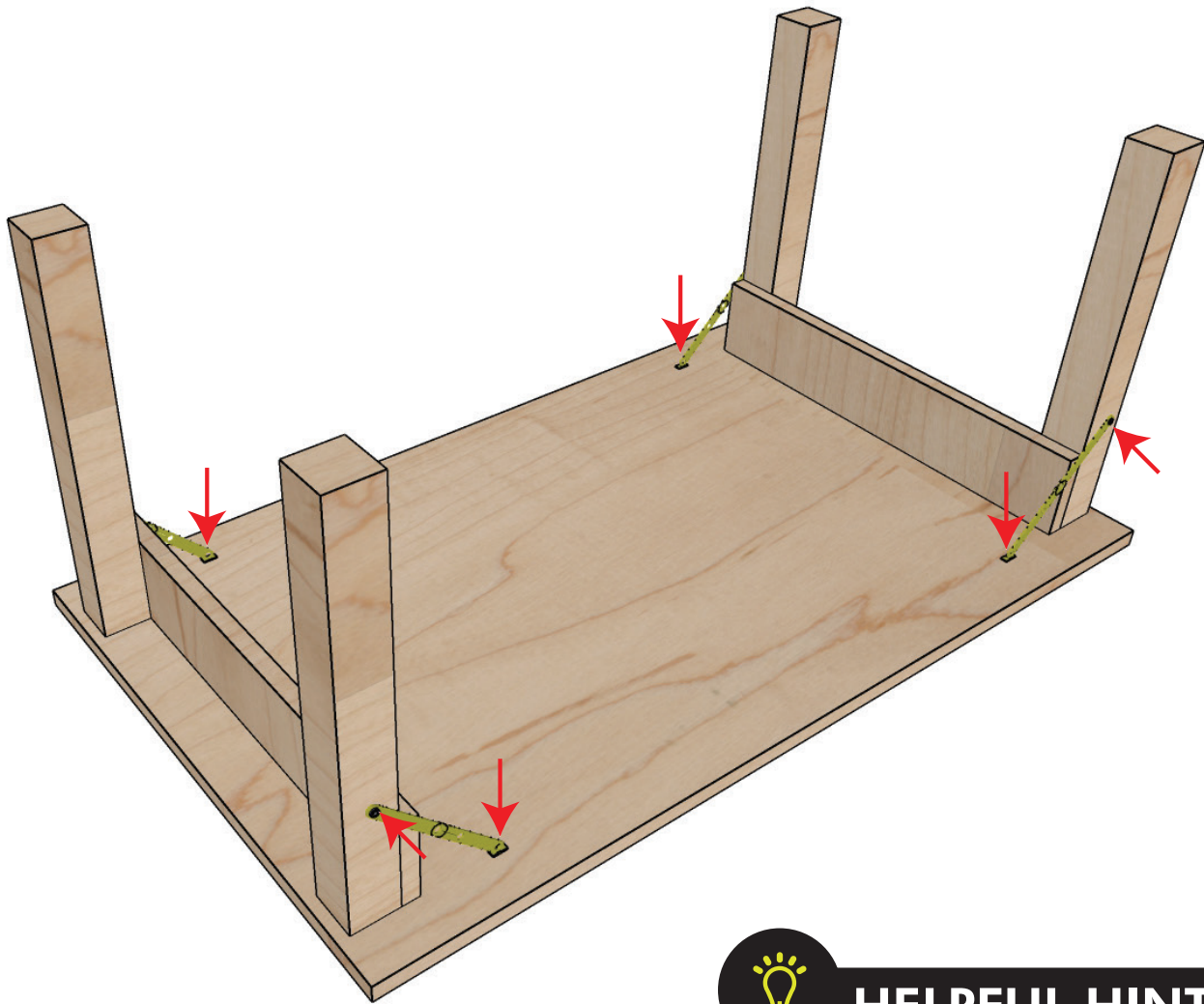
HELPFUL HINT

Drill and fasten from the $\frac{3}{4}"$ side because that will be the side facing inward and will not be seen giving the best overall look for your table.

5

ATTACHING THE HINGES

Lightly mark the underside of the top $1\frac{1}{2}$ " in from the middle of the 24" side and 4" in on both sides of the 40" side. This will be where your legs stand in the upright position.



With your legs resting on the marked positions, fasten the hinges onto the legs and table.



HELPFUL HINT

Use a pencil so you can sand off the markings or at least cover easily with your finish

6

FINISHING

Sand your coffee table to get it smooth to the touch and clean off with a damp rag. Once dry, apply a finish of your choice.



HELPFUL HINT

When sanding, start with a 150/220 grit. If desired, finish with 320+ grit for best feel before applying finish coat