

ROAD CASE COFFEE TABLE
EYES FOR THE JOB- EPISODE 208.1
'MUSIC TO MY BEERS'



MATERIALS NEEDED

Three road cases to deconstruct for hardware
Centre punch to remove rivets
1/4" drill bits to remove rivets
Spray 9 purple cleaner for hardware
3/4" G1S plywood for structure
Wood glue for assembly
1 1/4" brad nails for assembly
1/2" panhead screws to assemble hardware
Four 3" swiveling casters with locks
General construction adhesive for hardware assembly
Wood stain for finish
Semi-gloss polyurethane for finish

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STEP BY STEP BUILD PLAN

1. Deconstruct the road cases
 - a. Centre punch the hardware rivets and drill them out
 - b. Take care not to damage the hardware
2. Polish all of the hardware
3. Cut the plywood to size
 - a. TOP AND BOTTOM OF BOX
 - i. 2 pieces $\frac{3}{4}$ " 20"x46"
 - b. BASE- FRONT AND BACK
 - i. 2 pieces $\frac{3}{4}$ " 11 $\frac{1}{2}$ "x46"- tip to tip mitre 45 degrees
 - c. LID- FRONT AND BACK
 - i. 2 pieces $\frac{3}{4}$ " 5 $\frac{1}{4}$ "x 46"- tip to tip mitre 45 degrees
 - d. TWO SIDES OF BASE
 - i. 2 pieces $\frac{3}{4}$ " 11 $\frac{1}{4}$ "x 20"- tip to tip mitre 45 degrees
 - e. TWO SIDES OF LID
 - i. 2 pieces $\frac{3}{4}$ " 5 $\frac{1}{4}$ "x20"- tip to tip mitre 45 degrees
4. Kerf marks
 - a. Set table saw to $\frac{3}{16}$ " depth
 - b. Make $\frac{1}{4}$ " lengthwise kerf marks $\frac{3}{16}$ " deep into precut panels
 - c. Move over $\frac{1}{8}$ " with the saw blade to make $\frac{1}{4}$ " overall width of kerf
 - d. The top and bottom of the box don't need kerfs
 - e. Make 4" kerf cuts lengthwise on all sides of the base
 - f. Make 3" kerf cuts lengthwise on all sides of the lid

5. Assemble the box
 - a. Glue all joints together
 - b. Nail them together with 1 ¼" brad nails
 - c. Cut in latch and handles
 - i. Cut in with a jigsaw
6. Apply the desired finish to the box
7. Cut the hardware using a metal blade chop saw
 - a. Cut 8 pieces of metal hardware at 22 7/8" for 46" lengths of the box
 - b. Cut 4 pieces of metal hardware at 11 7/8" for the uprights of the base
 - c. Cut 4 pieces of metal hardware at 5 7/8" to make the uprights of the lid
 - d. Cut 4 pieces of metal hardware at 19 7/8" mitred on both ends to make up the sides of lid and the base
8. Attach the hardware top the box
 - a. Place the outside edges on the box with glue
 - b. Attach all covers with ½" panhead screws
 - c. Drill holes in the outside edges to accommodate the screwhead
 - d. Cut band lengths to fit between outside edges and latches
 - e. Place the band around the lip of the lid and place on the box with glue
 - f. Attach all bands with ½" panhead screws
 - g. Drill holes in the outside edges to accommodate the screwheads
 - h. Place corner caps over corners and mark holes to be predrilled through metal edging
 - i. Apply construction adhesive to the inside of the caps
 - j. Attach all caps with ½" panhead screws
 - k. Place the seam brackets over the edges and mark holes to be pre-drilled through the metal edging
 - l. Attach all caps with ½" panhead screws
9. Attach side handles and latches
 - a. Glue edges of handles and latches with general adhesive
 - b. Attach all handles and latches with ½" panhead screws
10. Attach basters to the bottom of the box with the base of the casters 1" from the edge of the box
11. Finish with polyurethane