

Drop-door myna trap V1.0.1. (For wary and clever Mynas)

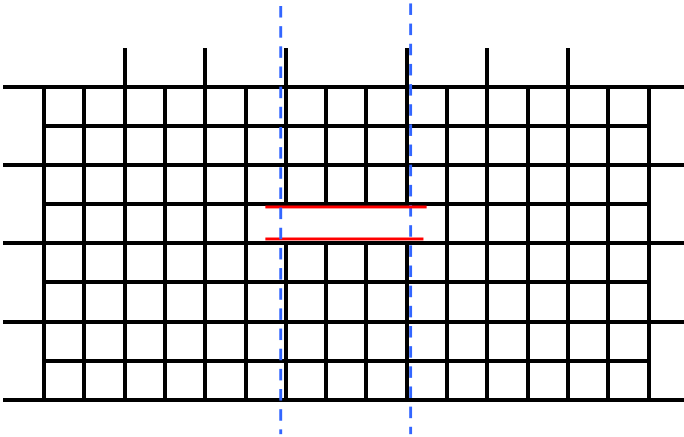
Step 1. Build chamber 16 x 16 x 12 squares high from 25.4mm x 25.4mm x 1.25mm aviary mesh.

Attach base and sides. * Do not attach lid yet *. Cut 1 entrance opening 6sq x 3sq (shown in diagram below).

Step 2. Create the following items also from aviary mesh.

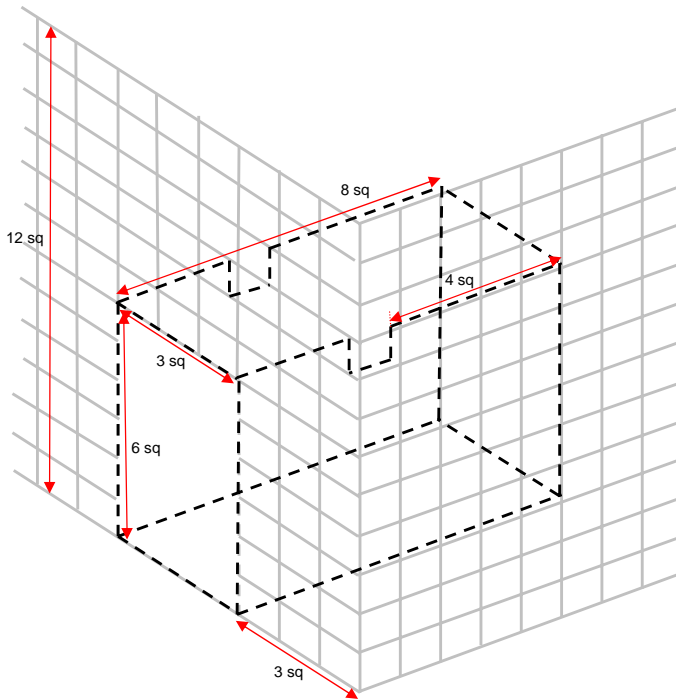
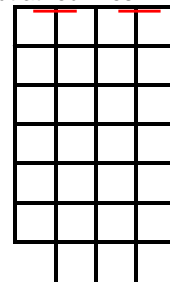
Entrance Tunnel (17 X 9 squares)

Fold on blue lines to make entrance tunnel 3sq wide x 6sq high x 8sq long. Cut at red lines. Use loose ends or cable ties to attach entrance tunnel to the lidless chamber. See diagram below.

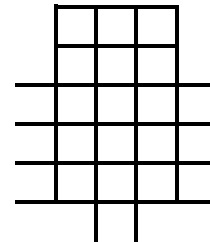


Drop-door (7 X 4 squares)

Cut at red lines.



Treadle (5 x 6 squares)



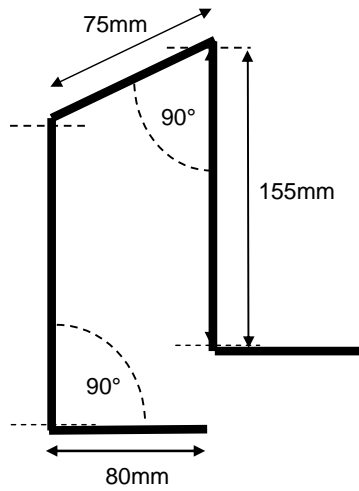
Step 3. Make the following from 2.5mm tie wire.

- 1 x Straight piece 545mm long. Mark bend points at 80mm, 235mm, 310mm & 465mm. (Rocker frame)
- 2 x Straight piece 510mm long. Mark bend points at 20mm, 105mm, 405mm & 490mm. (Rails for drop-door)
- 2 x Straight piece 145mm long. Mark bend points at 25mm & 120mm. (Drop-door hooks)
- 1 x Straight piece 130mm long. (Trigger Pin)

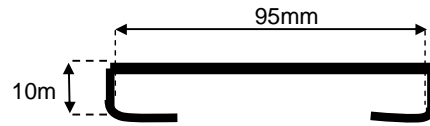
Step 4. Bend these pieces of 2.5mm tie wire to create the following shapes.

All bends should be as square and accurate as possible.

Rocker Frame



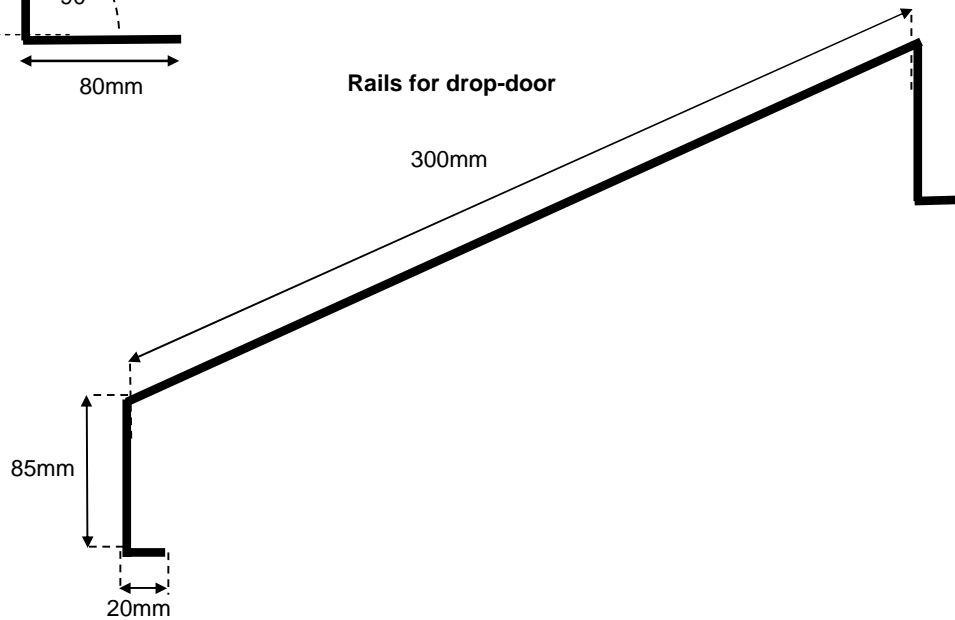
Drop-door hooks



Trigger Pin

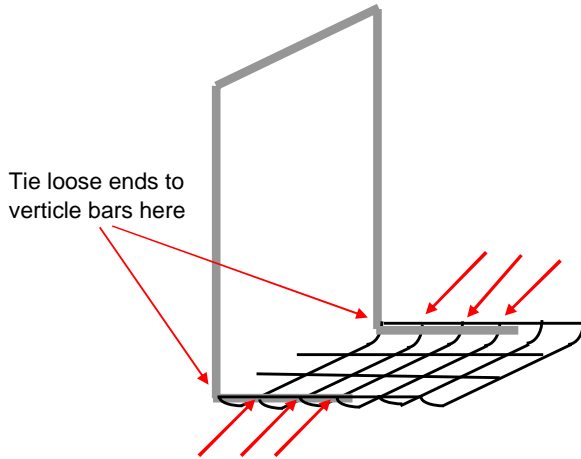


Rails for drop-door



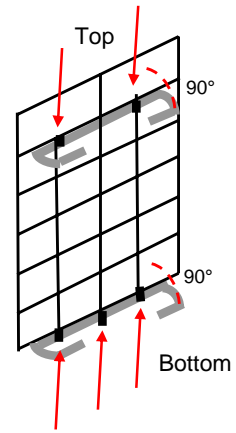
Step 5. Tie treadle to rocker frame

Bow treadle at edges to reduce width as shown here.
Tie loose wire ends to rocker frame at arrows.



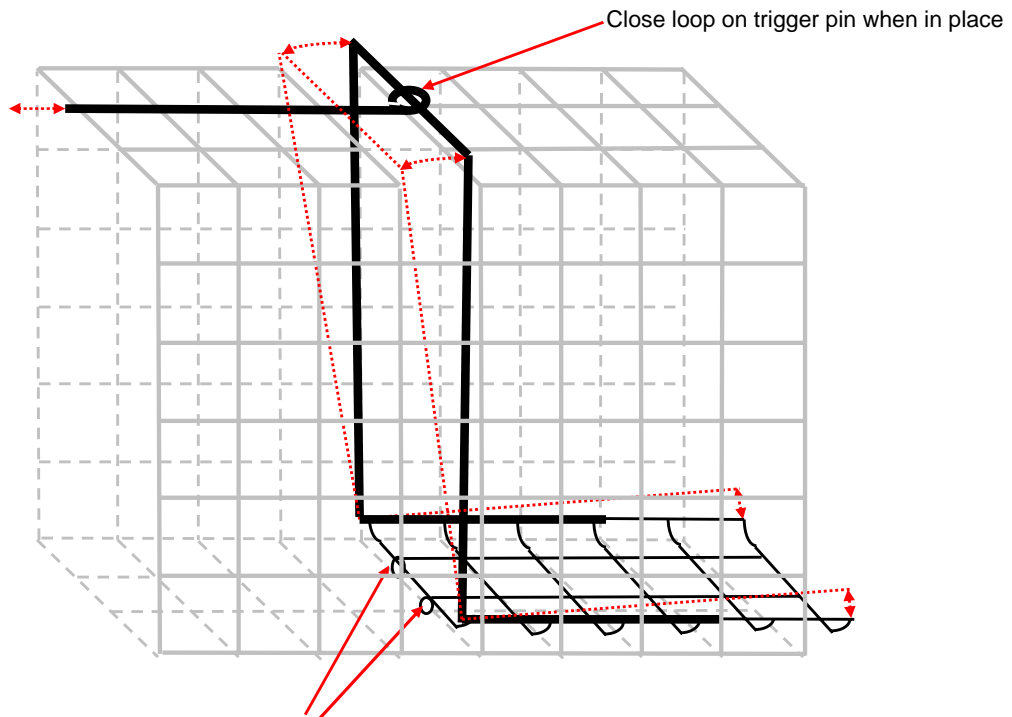
Step 6. Tie drop-door hooks to drop-door.

Tie drop-door hooks to drop-door using loose ends as shown.



Step 7. Assemble treadle and trigger mechanism in entrance tunnel.

Dotted lines show movement of treadle, rocker frame and trigger pin. Slightly bend rocker frame, sides of tunnel and treadle until everything moves easily through its full range. The trigger pin rests on top of the entrance tunnel.

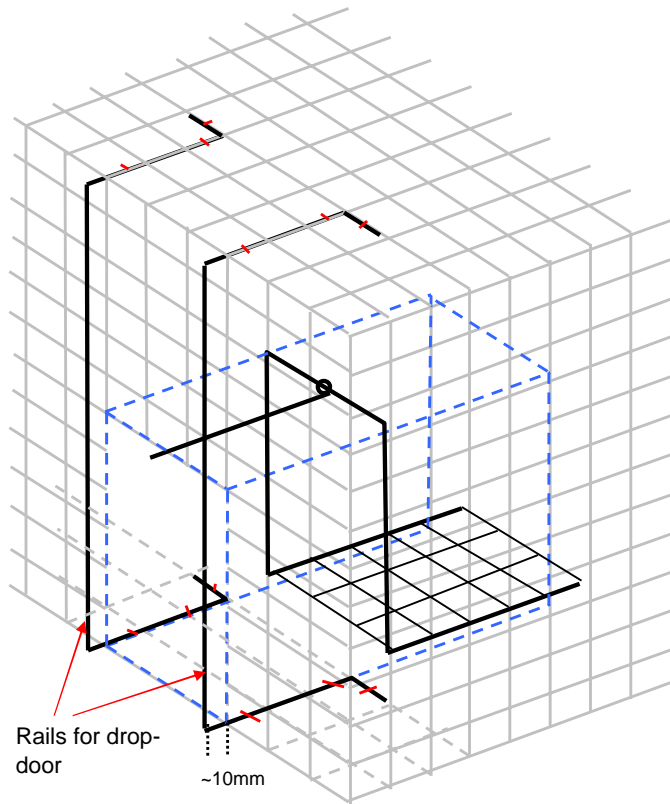


Loosely tie wire ends or use cable ties around base wire of the entrance tunnel in order to anchor the treadle and rocker but still allow movement.

Step 8. Attach 16 x 16 square lid to chamber.

Step 9. Attach rails for drop-door outside tunnel entrance with cable ties.

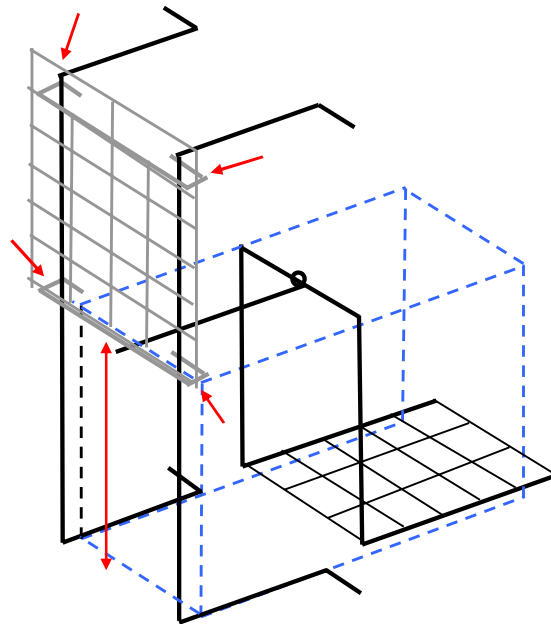
Red marks show location of cable ties. Blue lines show the entrance tunnel.



Step 10. Attach drop-door by looping drop-door hooks around rails.

Bend rails and drop-door slightly if necessary to ensure the door slides freely up and down.

It may be necessary to shorten the trigger pin slightly to allow the door to fall freely when treadle is depressed.



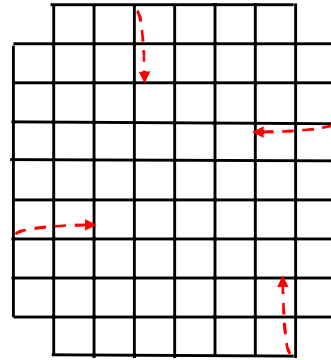
Step 11. Maintenance door. (8 x 9 squares.)

Make the shape shown at right. Fold in outer edges to reinforce the door. You should be left with a panel of 6 x 7 squares.

Cut a 4 x 5 square hole in the cage directly opposite the entrance tunnel.

Attach the door using wire rings or loose cable ties as hinges.

Use a clothes peg, bulldog clip or make a wire clip to fasten the door.



Notes:

This trap can be used on its own or with the containment chamber from Peegee's Myna trap.

If used with Peegee's containment chamber, cut a 5 x 5 square opening to line up with the valve opening in the containment chamber. You can also add one of Peegee's feeding chamber entrances to the trap to use in conjunction with the drop door entrance. When only clever and wary Mynas remain uncaught, block Peegee's feeding chamber entrance and set the drop-door.

Always provide adequate water, food and shelter for trapped birds.