

R0015290 Bench Assemble Top guard

Assembly instructions

 Difficulty **Medium**

 Duration **1.5 hour(s)**

Contents

Introduction

Step 1 - Unless otherwise stated

Step 2 - Quality Check

Step 3 - Acoustic sound proof fitting

Step 4 - Attach cable bases

Step 5 - Fit cable gland

Step 6 - Fit Sounder beacon

Step 7 - Fit Printer tray

Comments

Introduction

Tools Required

Standard hex key set

Acoustic foam cutting edge and Back board

Stanley blade

Standard HSS drill set

Standard tap set

Step drill

Parts Required

D0001352 Printer Shelf TLP2844-Z x 1

D0004719E Cut Bar Guard Mk5 (5476E) x 1

E0000249 Sounder Beacon x 1

M0000002 12mm Grey Acoustic Foam with Black PVC Facing x 1

M0001127 Cable Tie Base (m6) x 1

Step 1 - Unless otherwise stated

Use loctite 243 on all fasteners

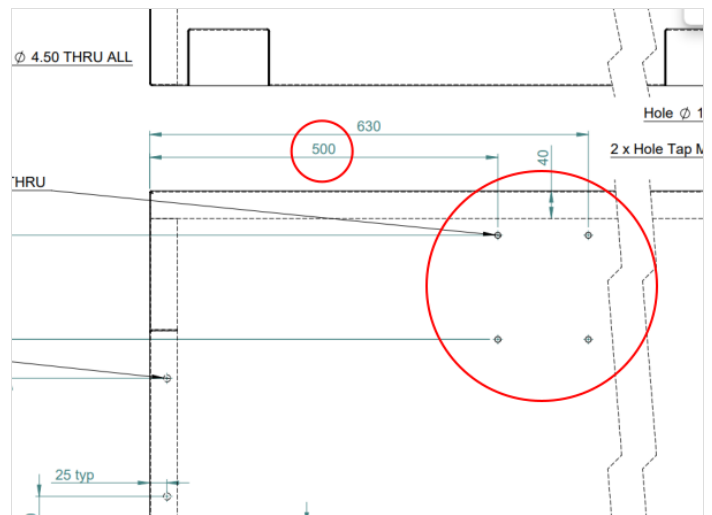
Use Loctite 572 on all threaded pneumatic connections

Pen mark all bolts to show finalised



Step 2 - Quality Check

Check fixing holes for printer assembly are in correct position as shown .



Step 3 - Acoustic sound proof fitting

1 Measure internal dimensions of cut guard as shown

Reduce measurement A by 5mm

Reduce measurement B by 35mm

Guide measurements 1845mm x 465mm

2 Cut a section of M0000002 acoustic foam to these measurements , ensuring squareness and parallel. Use cutting board, straight edge and sharp stanley blade



...Acoustic sound proofing will only cut cleanly when compressed, and using a sharp blade. Ensure correct tools are used

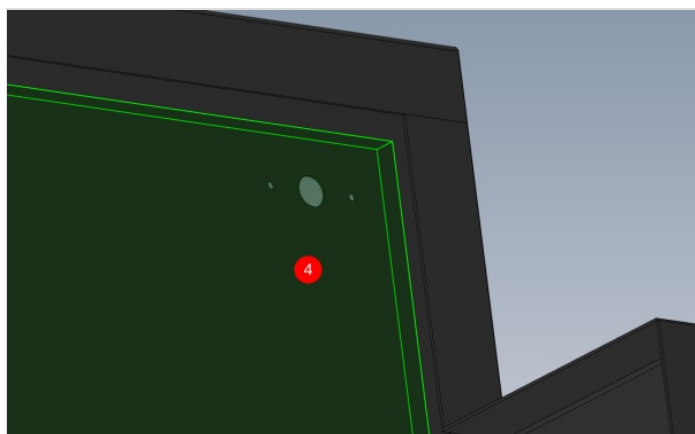
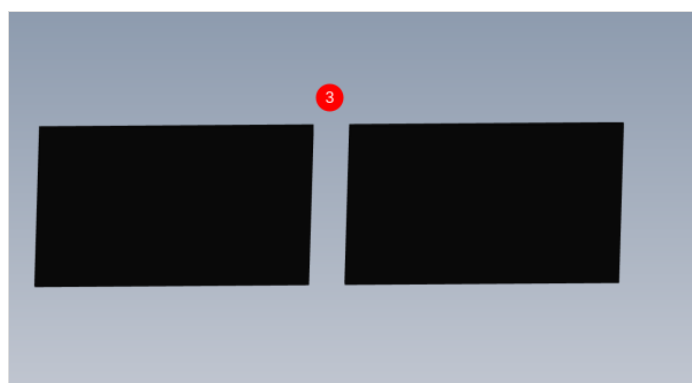
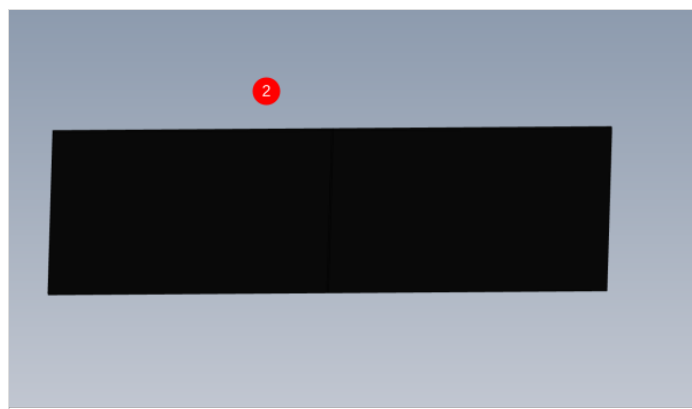
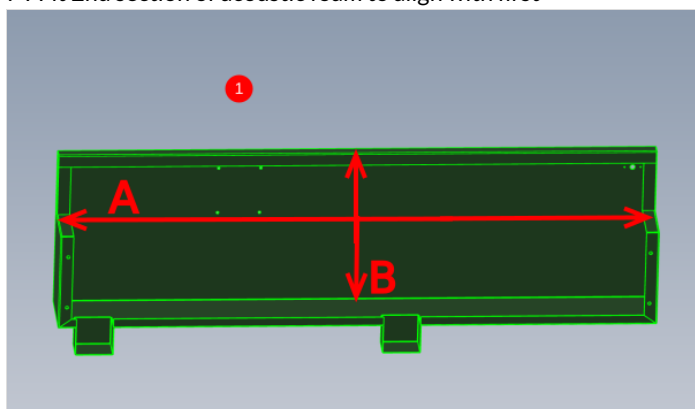
3 Once cut,measure and cut to divide the piece into equal sections as shown

4 Offer up first section of acoustic foam as shown , and mark position of 3 indicated holes thpugh onto the acoustic foam

5 Mark a 75mm x 50mm rectangle to be equal around the marked area on the acoustic foam

6 Cut out this section, then remove adhesive backing cover and fix acoustic foam in place

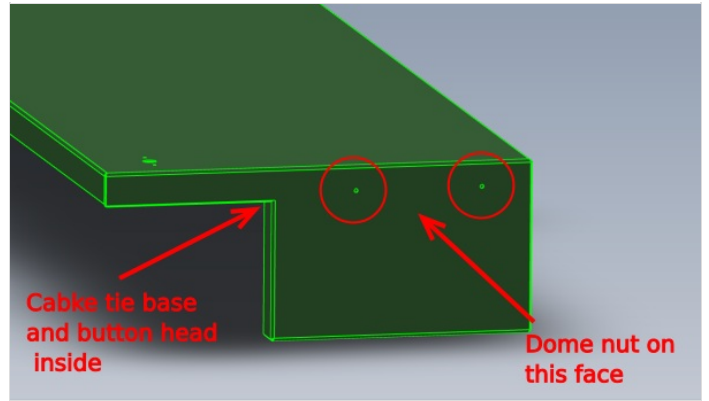
7 FFit 2nd section of acoustic foam to align with first



Step 4 - Attach cable bases

1 Attach 2 off M4 cable bases to the indicated holes. The tie bases should sit internally and are fixed with M4 x 6 button heads and finished with a M4 dome nut on the outside face

2 Loop 2 off white tie wraps through fitted bases and lock to first tab (ready for cables to be fed later)

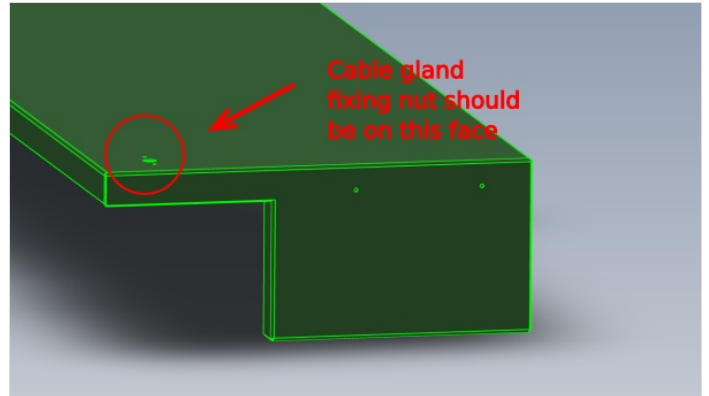


Step 5 - Fit cable gland

Fit cable gland and nut

(part numbers required)

to indicated hole. Gland should be fitted so the fixing nut is on the indicated face



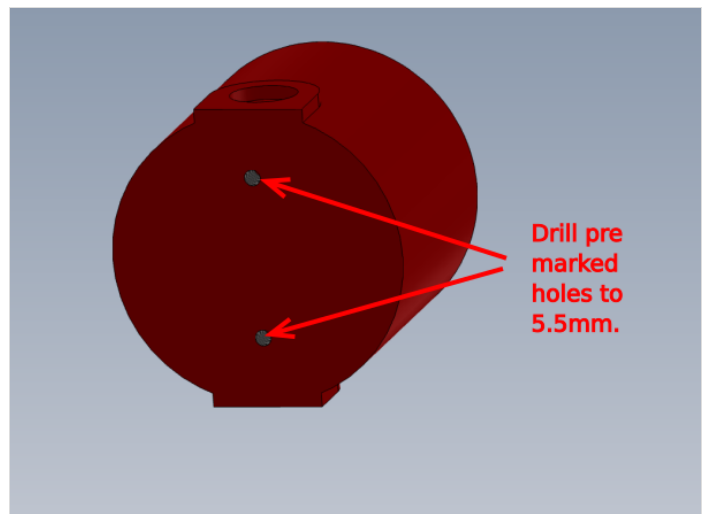
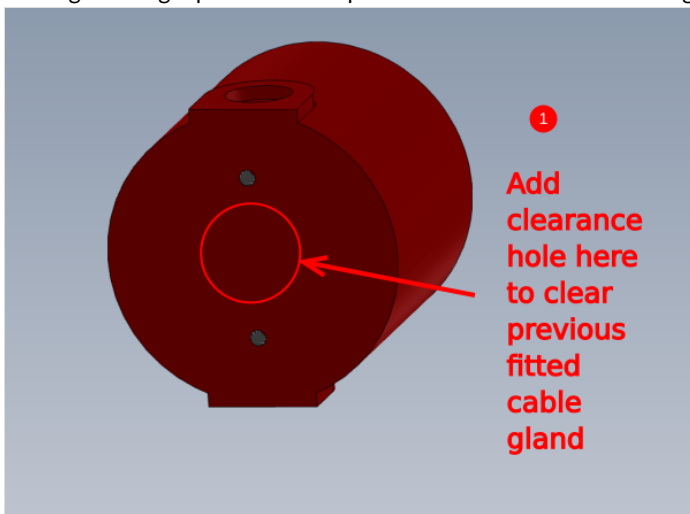
Step 6 - Fit Sounder beacon

1 E0000249 Sounder Beacon will need adjusting to accept cable gland when fitted . Use step drill to add a hole to the base of the beacon to allow clearance for the cable gland nut when fitted (size of hole required)

2 Offer beacon up to cut guard and identify the 2 holes that required drilling in the beacon to allow fixing. Drill these to 5.5mm

3 Secure beacon the cut guard using M5 x 12 socket caps and a form washers

4 Using masking tape to secure top section of sounder beacon along side fitted base



Step 7 - Fit Printer tray

1 Use 8mm hss drill through indicated holes to clear acoustic foam ready for fixings

2 Attach D0001352 Printer Shelf TLP2844-Z as shown using 4 off M8 x 30 button sockets (check size) , and add heavy M8 washer and M8 nylocs to acoustic foam side

3 Attach M0000031 (from consumable stock) to indicated faces of printer tray

