


R0015041 Bench Assemble Top Hood Assembly Part 2

Bench assembly details for Saw top Hood

 Difficulty **Medium**

 Duration **1 minute(s)**

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Comments

Introduction

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Tools Required

Standard hex key set

Standard spanner set

Standard Hss drill set

Standard tap set

Acoustic foam cutting board and straight edge

Utility Blade

Parts Required

Pre wired light, beacon and network cable from electrical department

C0001152 Camera: HikVision DS-2CD2343G0-I-2.8mm x 1

C0001239 Micro SD Card 32Gb Class 10 x 1

D0000770 Door Hinge (M0016) x 2

D0001877 Saw Top Door Mk4 x 1

D0004641 Hinge Pin Block (D7445) x 1

D0004642 Flap Counterbalance Bar x 1

D0004645 Safety Flap Hinge Pin x 1

D0004679 Flap Stiffening Bar x 1

D0004705 Flap Hinge Bar x 1

D0004747B top door screen x 1

D0004807 Flap x 1

D0007445 Hinge Pin Block OH (D4641) x 1

D0016251 Saw Hood Switch Mount Plate (Bernstein) x 1

E0000275 Button: Base Fixing 1 N/C x 1

E0001072 Emergency Stop Module Bevelled 1NO 1NC x 1

E0001569 Guard Lock Switch: Bernstein Radius Actuator (Key) x 1

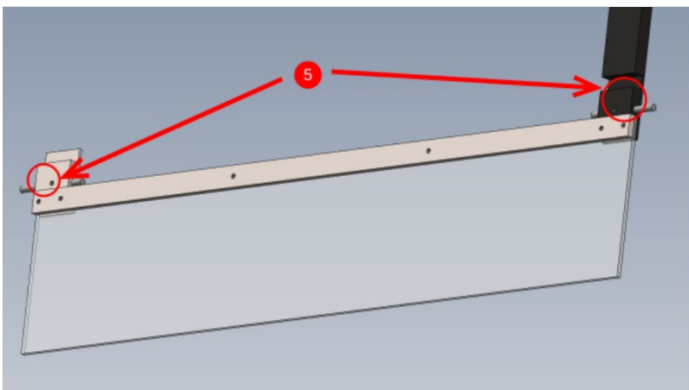
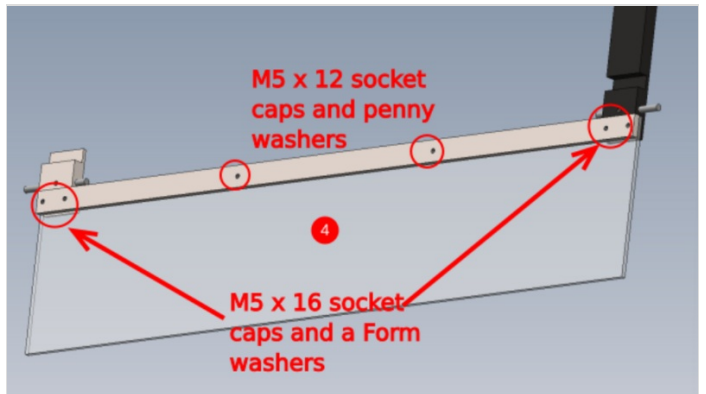
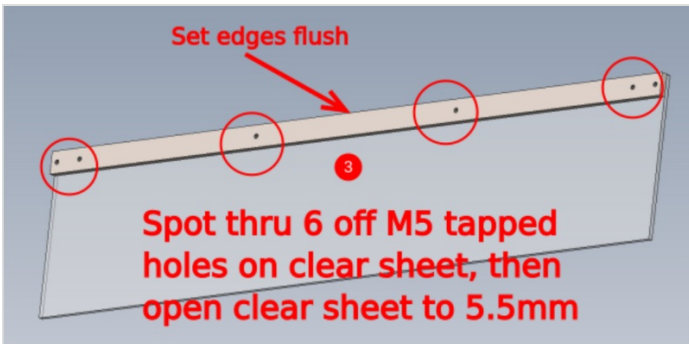
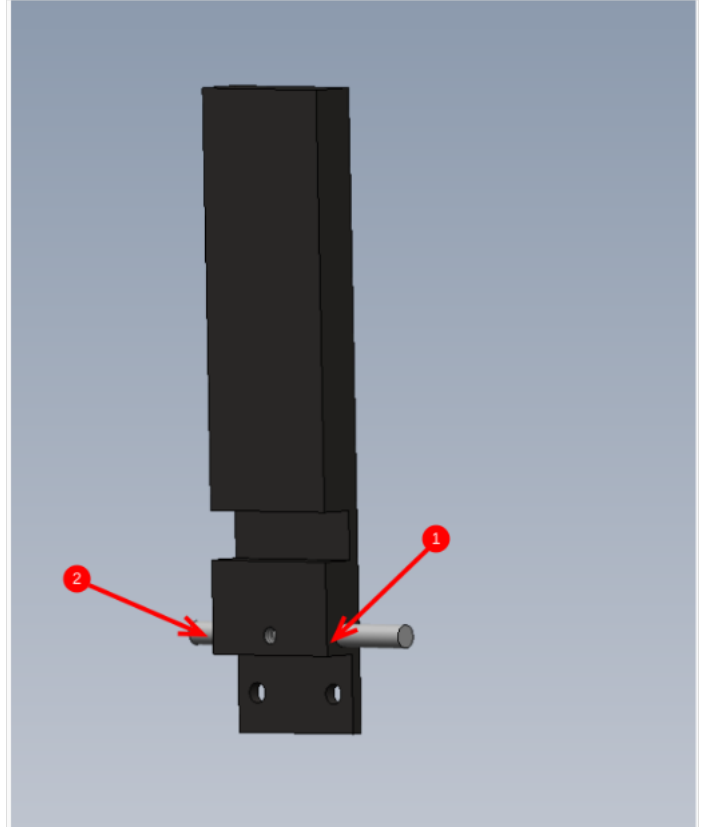
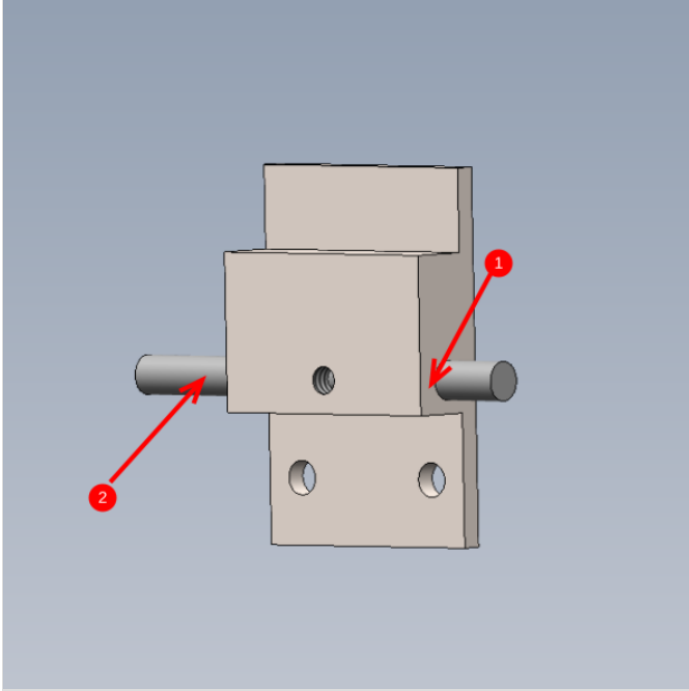
H0004643 4mm Axxis Clear 145mm x 690mm x 1

M0000002 12mm Grey Acoustic Foam with Black PVC Facing x 1 (consumable stock)

M0000036 Sign - Ear Protection x 1

Step 1 - Assembly safety flap

- 1 Ream 6mm holes indicated to ensure
- 2 Pins locate correctly
- 3 Drill flap to suit stiffening bar
- 4 Attach end brackets and stiffening bar using 4 off M5 x 16 socket caps and 4 off M5 A form washers and 2 off M5 x 12 socket caps and 2 off M5 penny washers
- 5 Insert 6mm rods and add 2 off M5 x 6 kcp grub screw
- 6 Fit hazard tape to flap



Step 2 - Assembly safety flap

L-R configuration of safety flap



Step 3 - Fit safety flap to hood

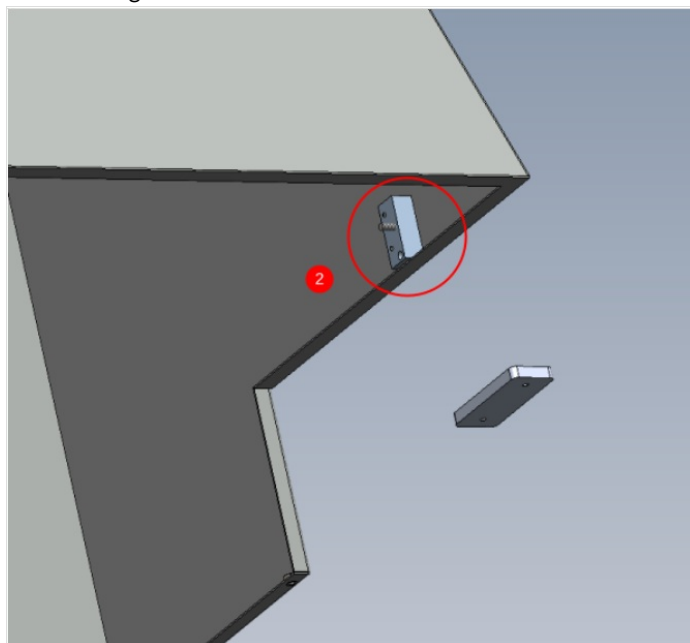
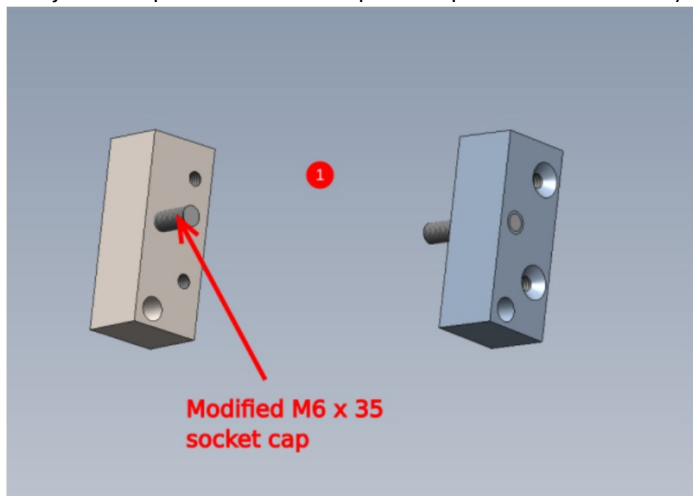
1 Check Mounting blocks have pin fitted as shown. A pair is required (mirrored to each other)

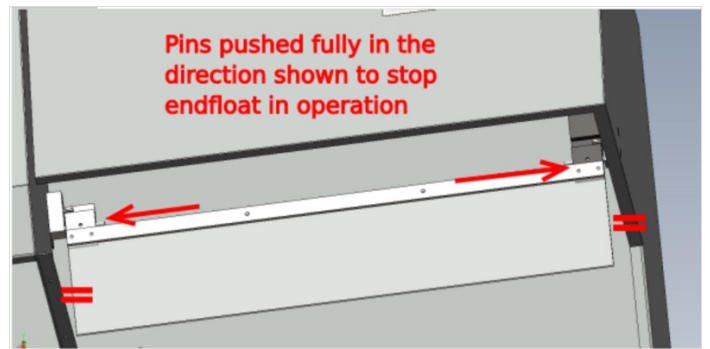
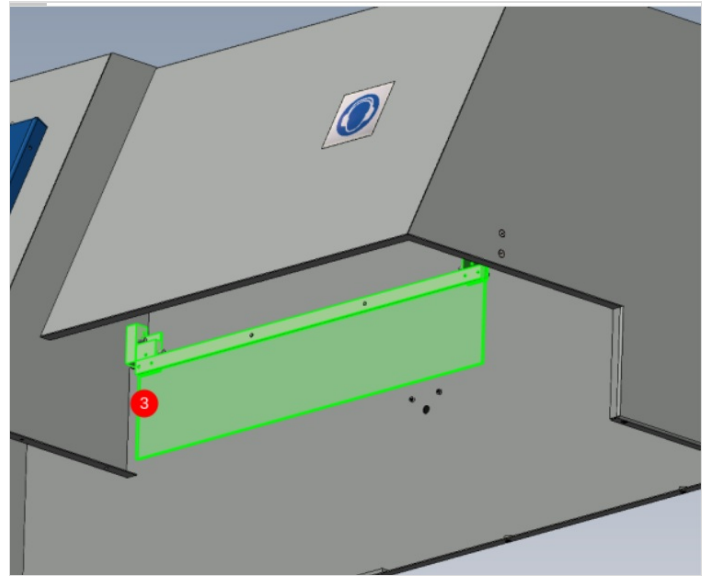
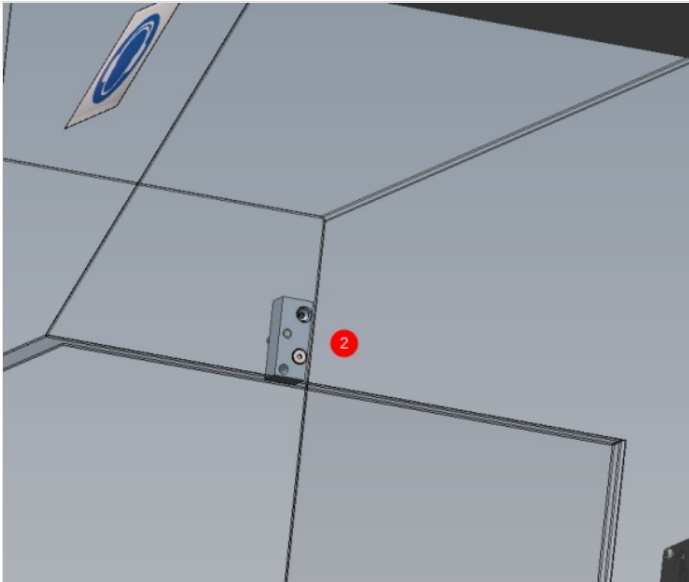
If not modify M6 x 35 socket cap 2 off as follows

- Reduce thread length to 10mm
- Use studlock 270 and fit to block ensuring final tension
- Cut shank of socket cap down to 10mm protrusion and dress clean

2 Fit 1 off mounting block to point shown , using 2 off M5 x 16 socket countersunk s to fix. Ensure correct orientation of block and correct face has countersunk holes for fixing 3 Fit 2nd block to safety flap and fit to hood as shown . Use 2 off M5 x 16 socket caps and M5 penny washers to fix

4 Adjust 6mm pins to centralise flap and stop end float of assembly. Finalise 2 off M5 grub screws

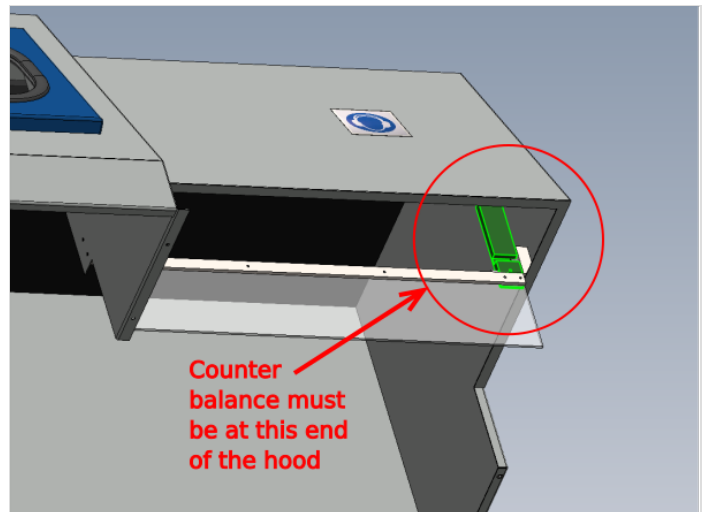




Step 4 - Quality Check

There has been instances of the safety flap being fitted incorrectly and hindering saw operation.

To clarify correct position, larger counter balance on safety flap must be furthest away from saw head

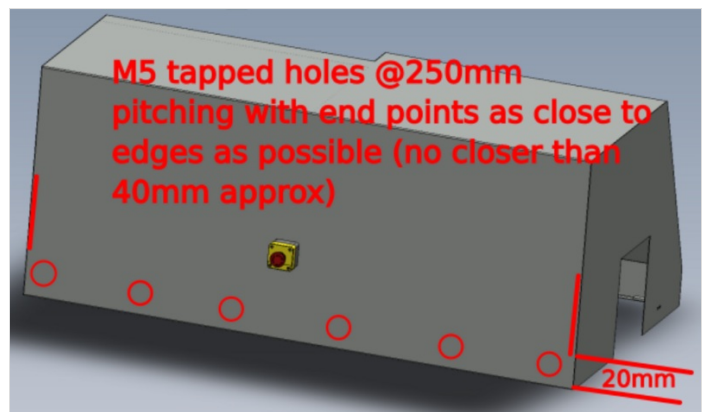


Step 5 - Fit trunking to rear

...ECR raised 21/11/23 to add M5 mounting holes for trunking onto hood. Until processed, add on assembly

Fit A0001098 37mm x 75mm trunking to rear of hood, secure with M5 x 10 button sockets and M5 penny washers

Provide drilling details for fixing



Step 6 - Fit stickers to hood

All stickers must be applied wet to ensure no air bubbles are present

Use spray foam and squeegee to fit

1 Large clear STUGA sticker to top of hood. Stuga to read from front

2 Large clear STUGA sticker on rear of hood

3 Service sticker on rear of hood

4 Ambient temperature sticker to front of hood

5 Consumables sticker to front of hood

6 Ear defence sticker to front of hood



