

USER MANUAL



Assembly and operating instructions
for the Equine Nasogastric Intubation
Model



Nasogastric Horse Intubation

Revision A:
Nasogastric Horse
Intubation Manual.

Product SKU:
E200-000

Last Updated:
18 September 2023



Parts List

Equipment Required:

- 2x 10mm spanner
- Wrench
- Socket

Overall Quantities

- Frame parts
- Triscrew
- Support
- Base
- Neck Assembly
- Fleece
- Trachea Tube
- Oesophagus Tube
- Cross Bolt
- Adjustable Zip Tie
- Head Assembly
- Throat Assembly

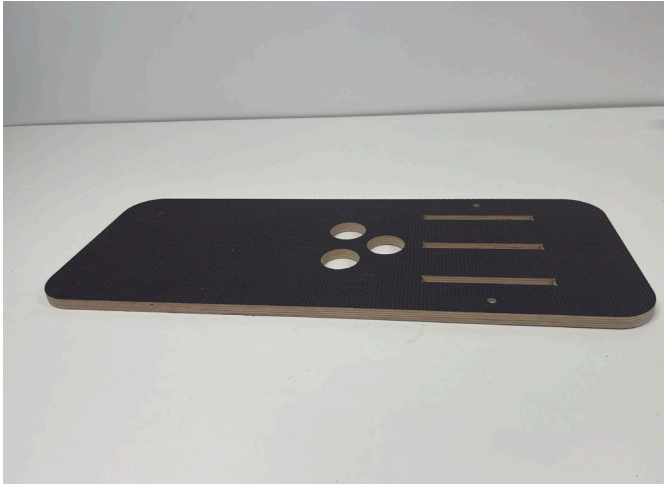


The Parts





Assembly Instructions



1 Set up

- Place base on a sturdy table with the label facing up - you should not be able to see the silver nut parts set into the base.



2 Assemble sides

- Place parts A and C in the left and right slots as shown.



3

Assemble neck parts

- Supporting the sides with one hand to prevent them tipping forward.
- Slot neck assembly into first row of slots



4

Install center part



Assembly Instructions



5 Install neck bolt

- Locate large bolt and nut (M12)
- Place in holes and install nut - finger tight only.



6 Install support

- Slide in support part



7 Install triscrews

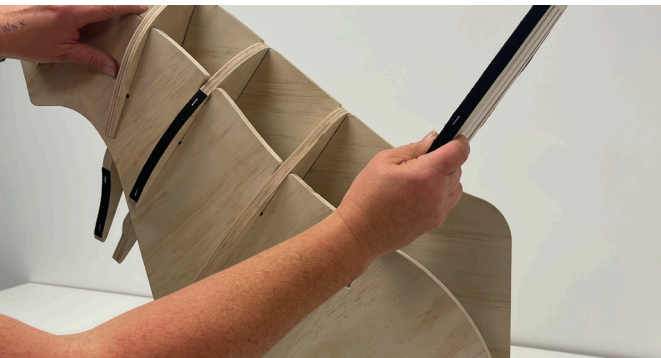
- Ensure holes on support part are aligned with hole on base.
- Screw in Triscrews on both sides.



8

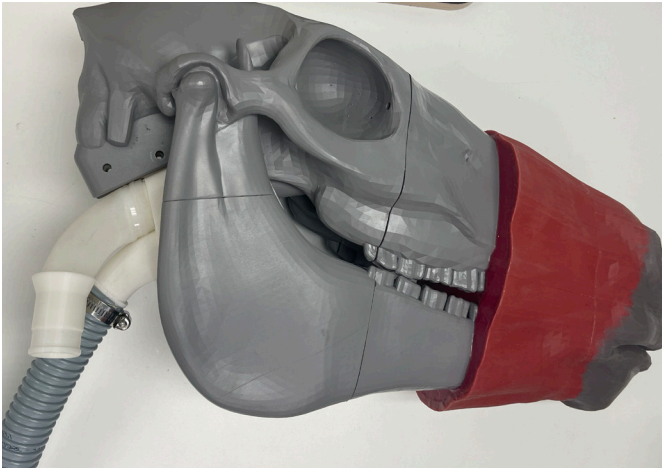
Install remaining cross parts 2 through 5.

- Install center spine into neck part and slot on base. Continue to support to prevent tipping





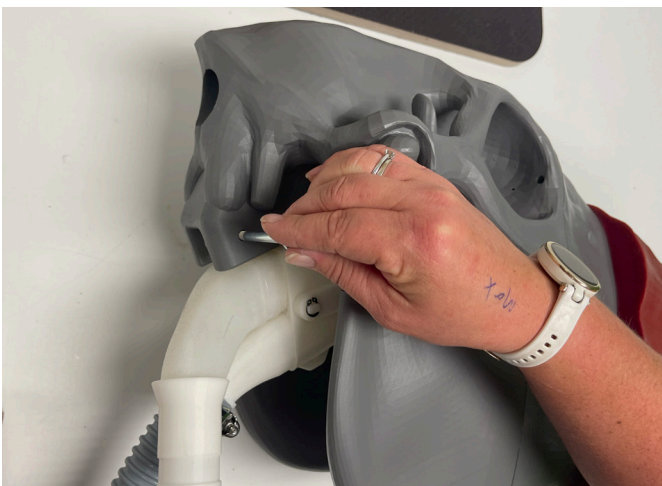
Assembly Instructions



9

Install throat assembly

- Slide in throat assembly to horse head in the orientation shown.



10

Install and tighten bolts

- Install bolts through holes in horse head and throat assembly .
- Tighten nuts to a loose hand tightness.
- Do not overtighten.



11

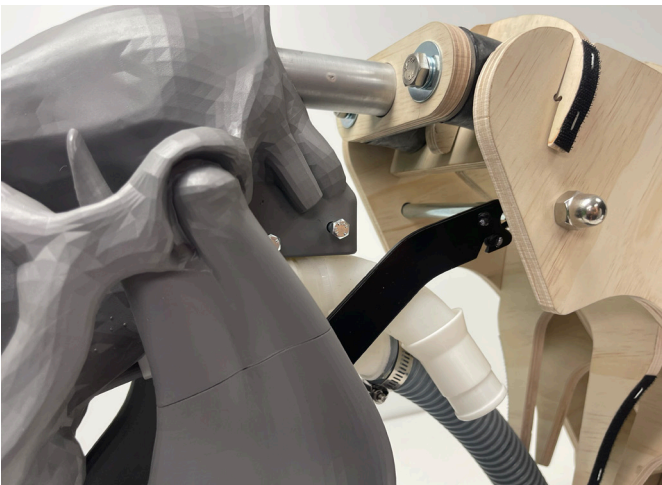
Install horse head on neck assembly

- Slide horse head onto neck tube.
- If you are having trouble aligning the tube with the hole, try tilting the horse head forward slightly.
- Trachea tube should be in the center of the neck.



12 Check fit

- Ensure the tube hits a firm stop and the head is fully seated on the neck.



13 Attach throat arms to cross bolt

- Take arms coming off throat box and align the concave end with the cross bolt and attach



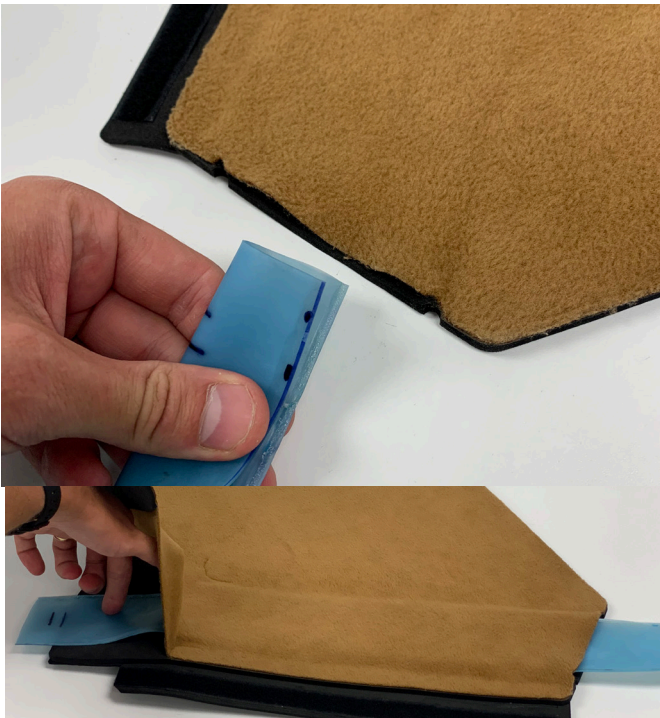
14 Align right side fleece

- The top of the fleece should align with the top of the plywood side as shown.



Assembly Instructions

install oesophagegus tube in fleece (if not already)



- 15
- Unit should arrive with oesophagegus pipe already assembled. If so, skip to step 17.
 - If not, follow the instructions below.
 - Fold pipe over to help it remain rigid as you feed it.
 - Start pushing free end of tube into the gap between the fleece and the foam. Ensure you have the right side fleece as shown above.
 - Keep pushing tube through cavity until you see it at the other end of the fleece cavity.
 - Unfold and flatten out the tube, ensuring there are no twists.



16

Align left side fleece

- The top of the fleece should align with the top of the plywood side as shown.



17

Attach oesophagus onto throat assembly

- Slide oesophagus onto throat box tube as shown.



Assembly Instructions



18 Secure oesophagus

- Secure tube with adjustable zip tie/cable tie/zap strap.



19 Attach end of oesophagus

- Locate the end of the oesophagus.
- Push in between side and centre part, secure bungee cords in slots.
- Ensure there are no twists in the oesophagus.



20

Secure fleece

- Again, aligning fleece to plywood, secure fleece to frame.



21

Check fleece

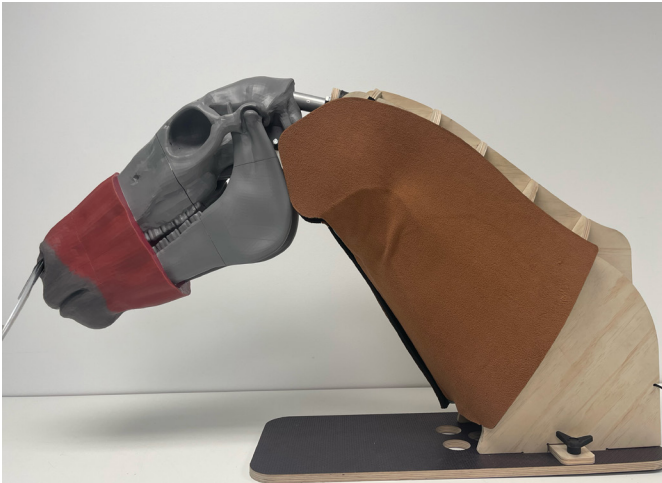
- Check fleece is well aligned and attached.



Operating Instructions

Equipment Required:

- Nasogastric Intubation Tube (not provided)
- Suitable Lubricant



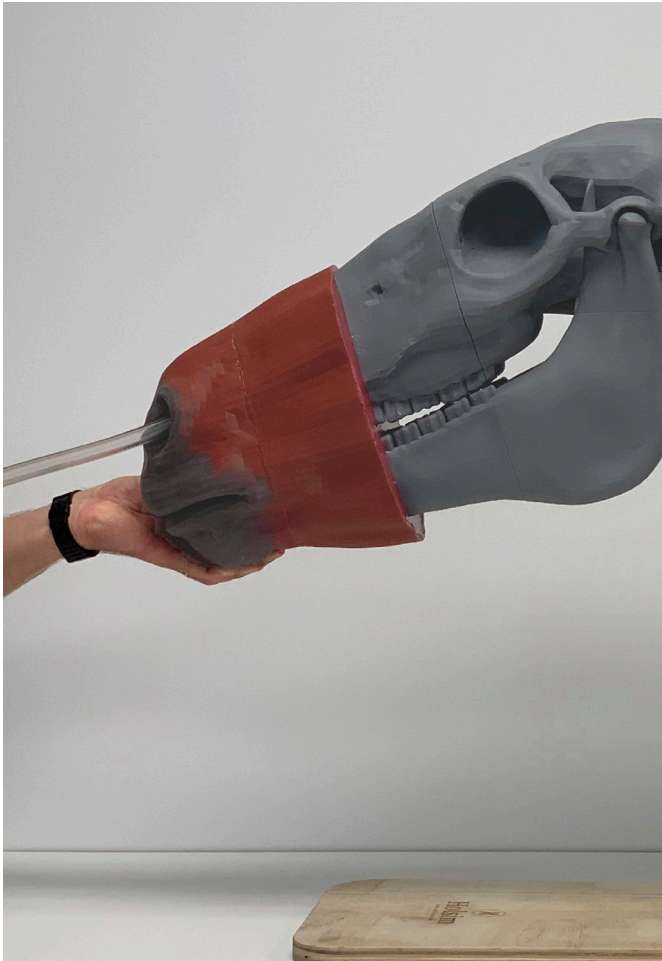
1 Apply lubricant and insert tube into nostril

- Either nostril can be used.



2 Lower head to feed pipe into oesophagus

- Push down on the nose with firm pressure to direct the pipe into the oesophagus.



3 Raise head to feed pipe into trachea

- Pull the chin up with firm pressure to open the mechanical epiglottis and feed the pipe into the trachea.

4 Clean up

- clean with warm soapy water to clean nostrils through to oesophagus sleeve.
- This is to stop the lube drying out and creating blockages.

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