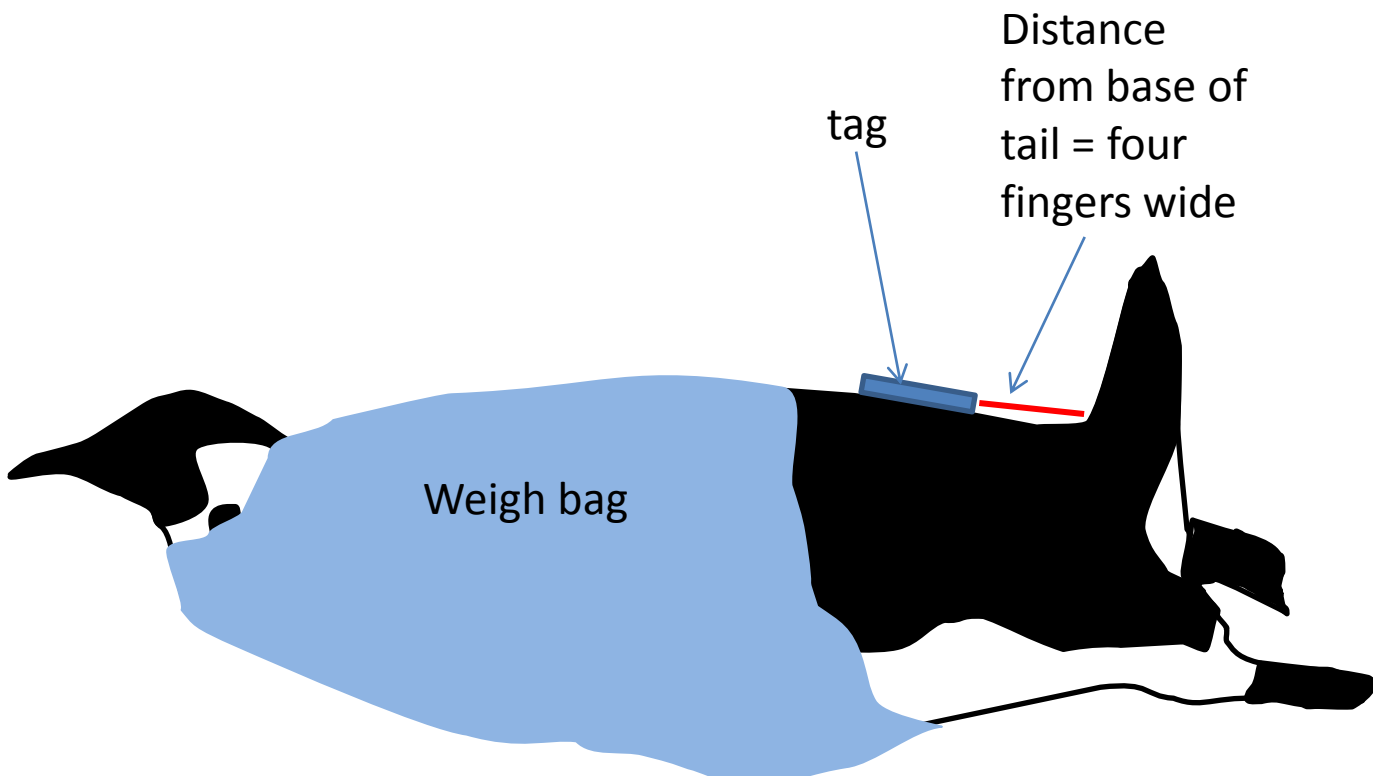


# Deploying tags on penguins

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## Determining position of tag

- put penguin into a weighing bag with head sticking out
- put penguin into prone position
- roll up the lower end of bag to expose lower back
- make sure the back is straight by gently holding onto legs and extending them straight backwards
- lift tail straight into air and measure four fingers wide away from base of tail (distance = red line)
- attach tag no lower than that; you need to **keep the preen gland free and accessible**



## Attachment of tag

- cover base of tag with Loctite 401 (make sure that glue is at **room temperature**; otherwise is won't cure)
- remeasure position if necessary
- put tag into position on lower back and press down firmly for 10 seconds

### Note:

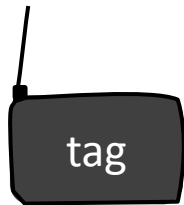
Loctite 401 is a **contact glue**; avoid getting it onto your fingers!



Penguin inside weighing bag. The bottom of the bag is rolled up to get access to the lower back.

## Attachment of tag

- take cable tie and feed ~ 0.5 cm away from the side of tag underneath the feathers and up the other side of tag
- make sure that the tick end of the cable tie sits on the side of the tag close to the penguins back before tightening it
- repeat (two cable ties are sufficient)



**wrong**



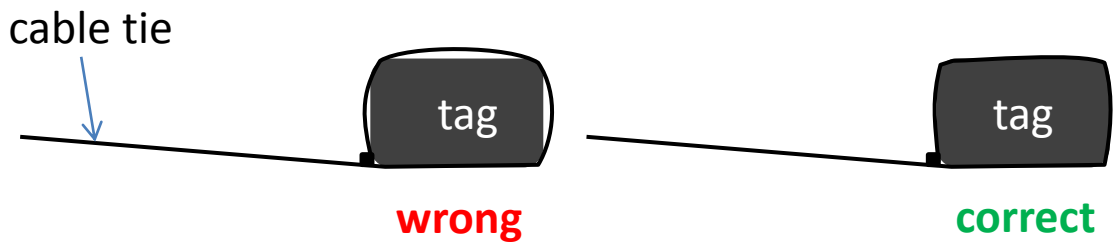
**correct**



The glue is quite strong once it sets properly. The cable ties give extra hold.

## Attachment of tag

- one cable tie are closed and put into position (thick end where tie feeds through onto the side of the tag) use a cable tie gun (or a pair of pliers) to tighten them so that there are no loops

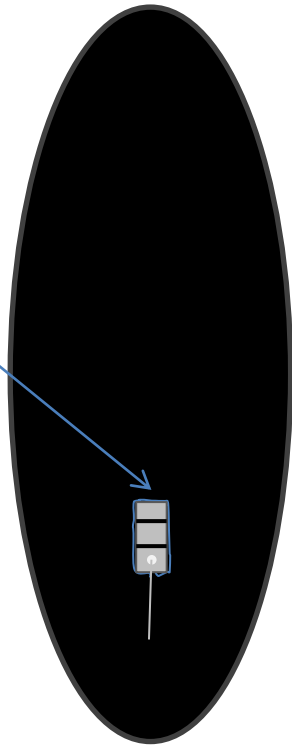


- when using a cable tie gun, press the tag firmly down while tightening and cutting the tie
- make sure that no sharp ends are left sticking out

## Attachment of tag

- Finally, put more glue around the outside of the tag, especially the front

Put extra  
glue on  
front and  
sides once  
tag is in  
place



Any questions, please contact me. Cheers, Barbara