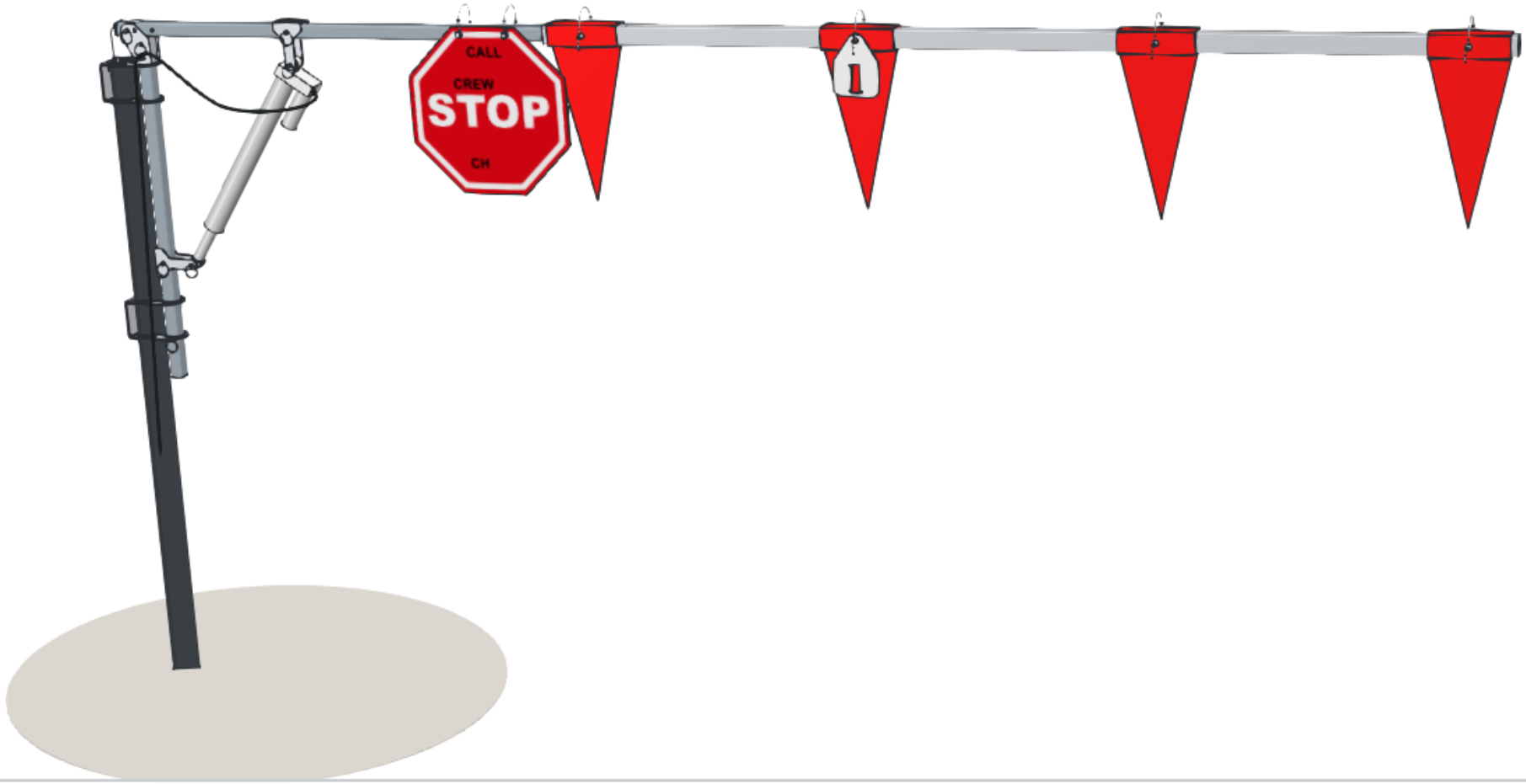
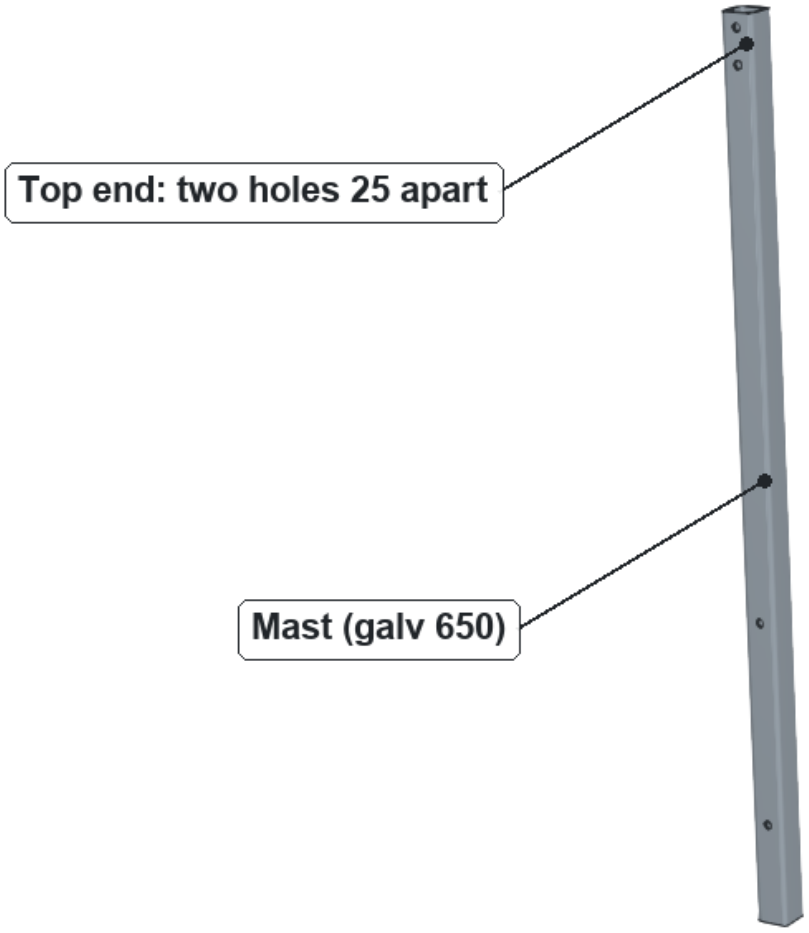
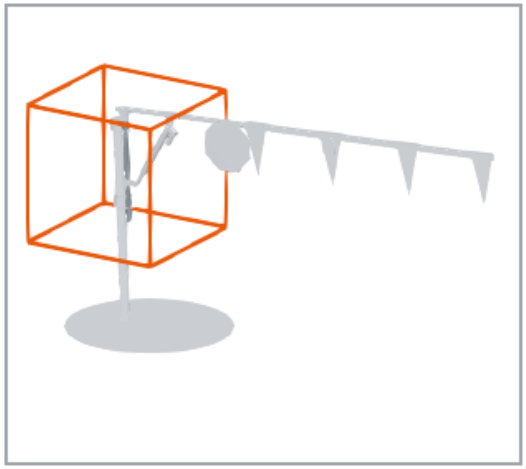


barrierView v2 assembly guide

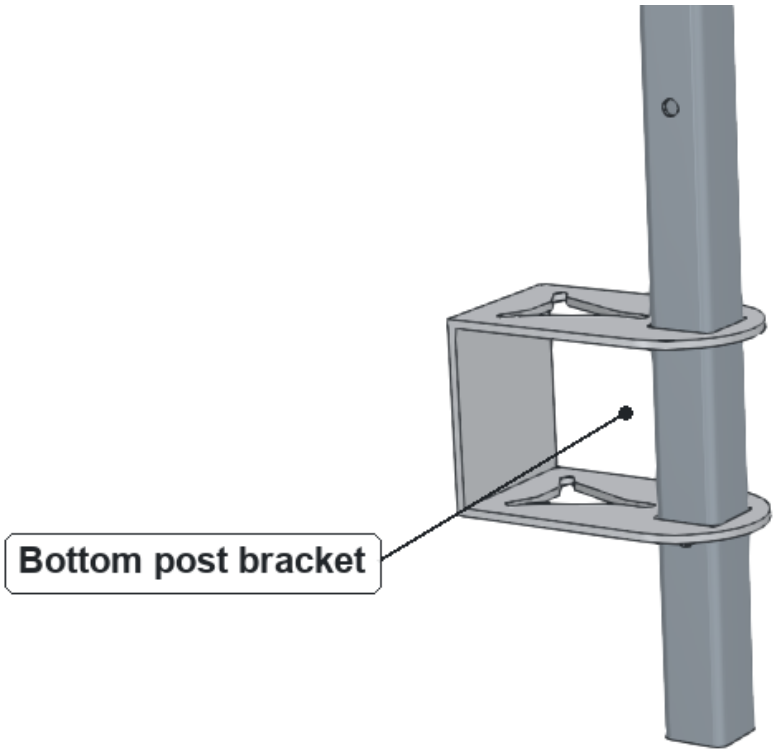
Five sections, each its own video: about 3 minutes in all. A sixth adds the optional extension arm.

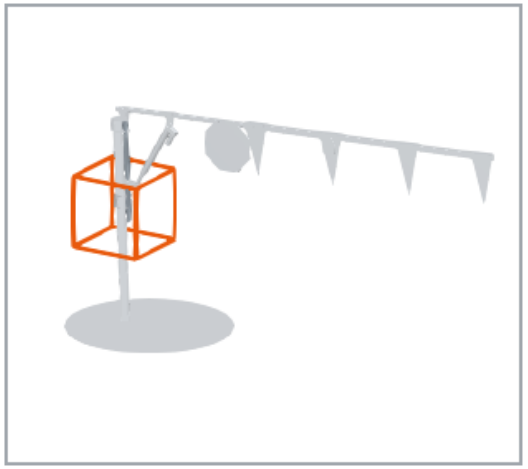




1.1 The mast: galv 650 box

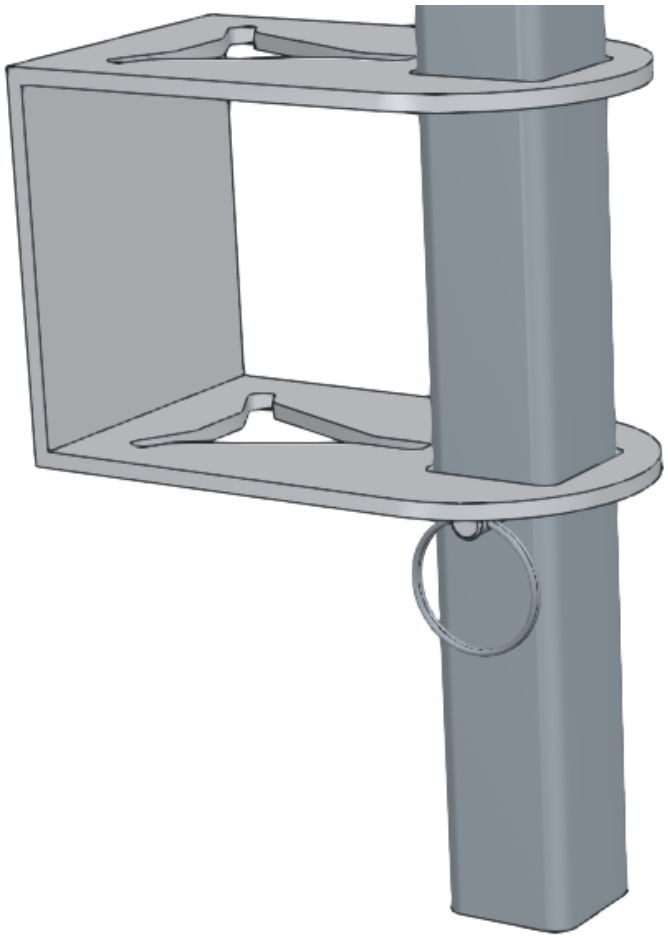
The top end has two holes 25 mm apart. Stand it up, top end up.

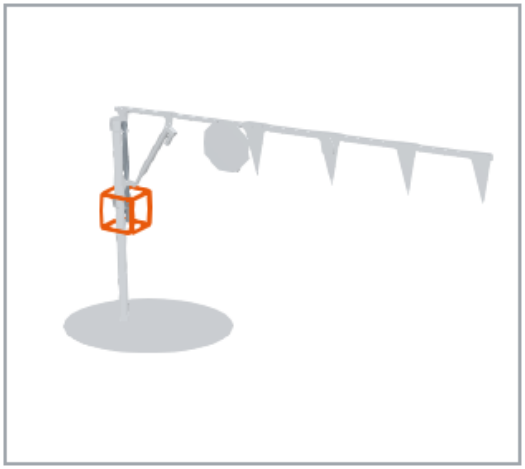




1.2 Bottom post bracket

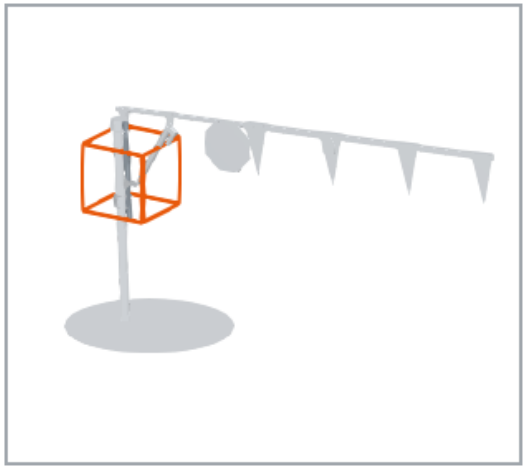
Slide it up the mast from the bottom end, Y-post cut-outs away from the arm.

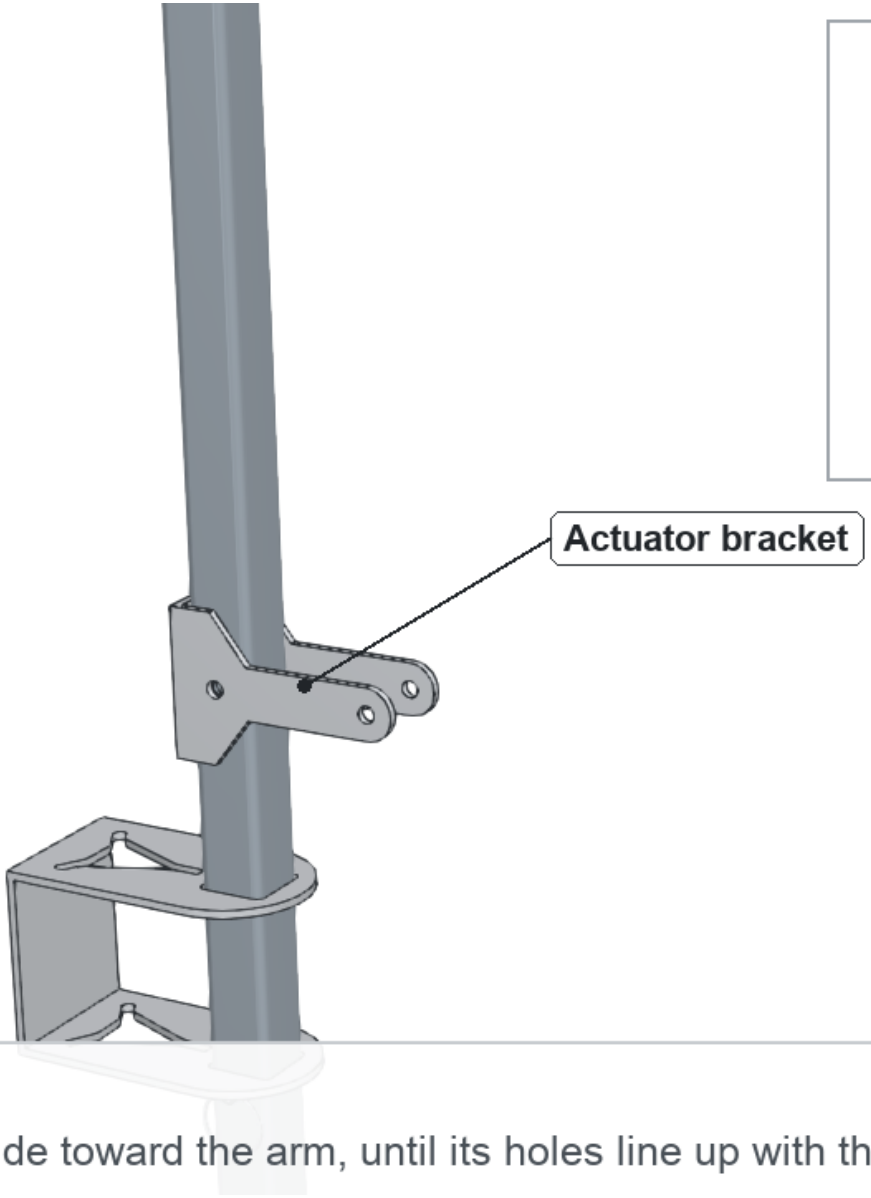




1.3 Its rest pin

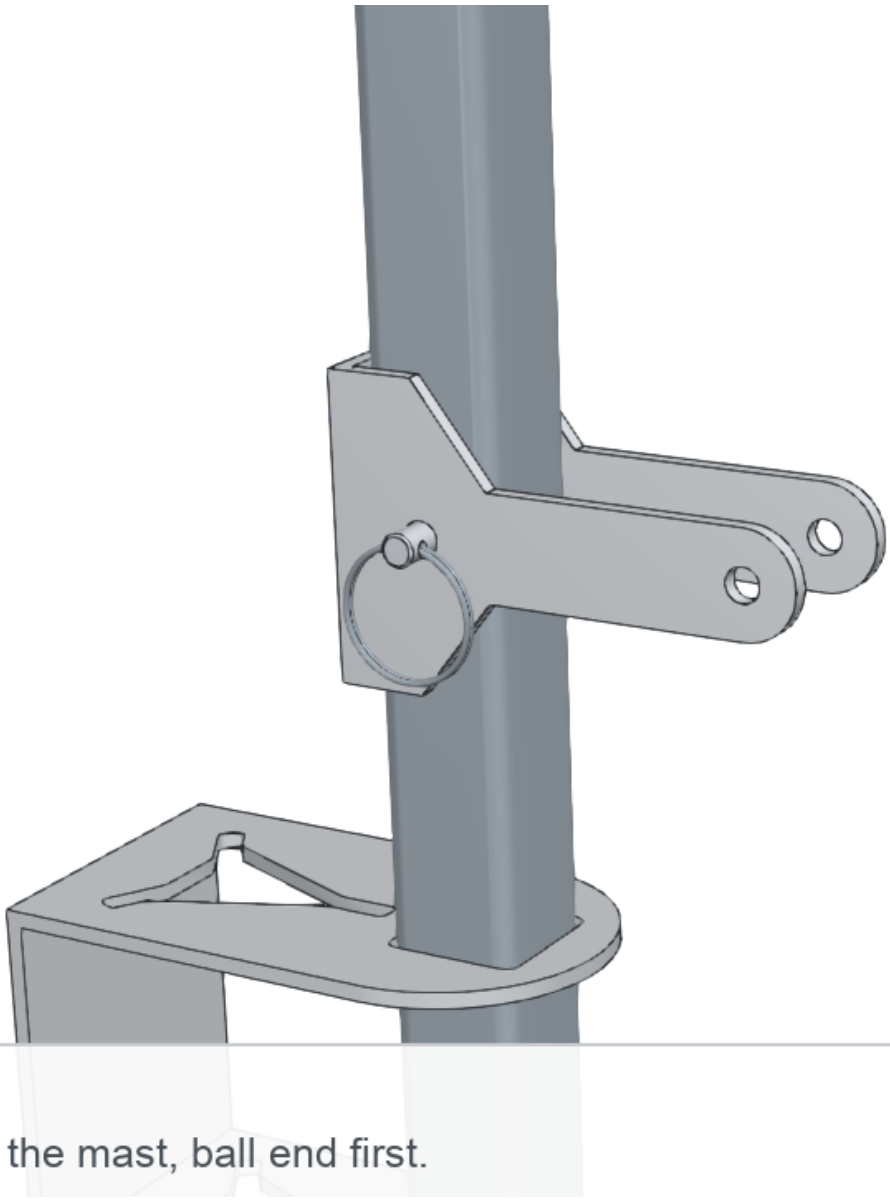
Pin 1 through the mast's bottom hole, just under the bracket: ball end first, the ring stays outside.





1.4 Actuator bracket

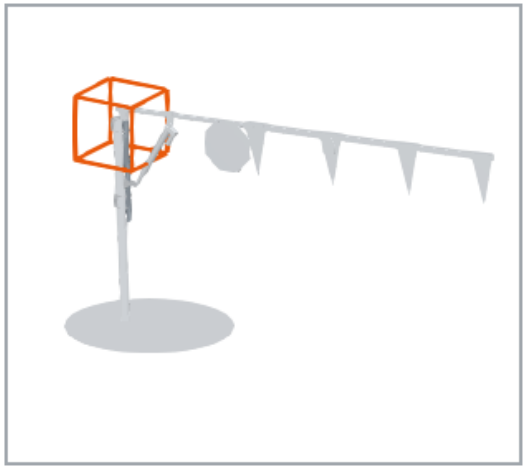
Slide it down from the top end, open side toward the arm, until its holes line up with the next hole up.

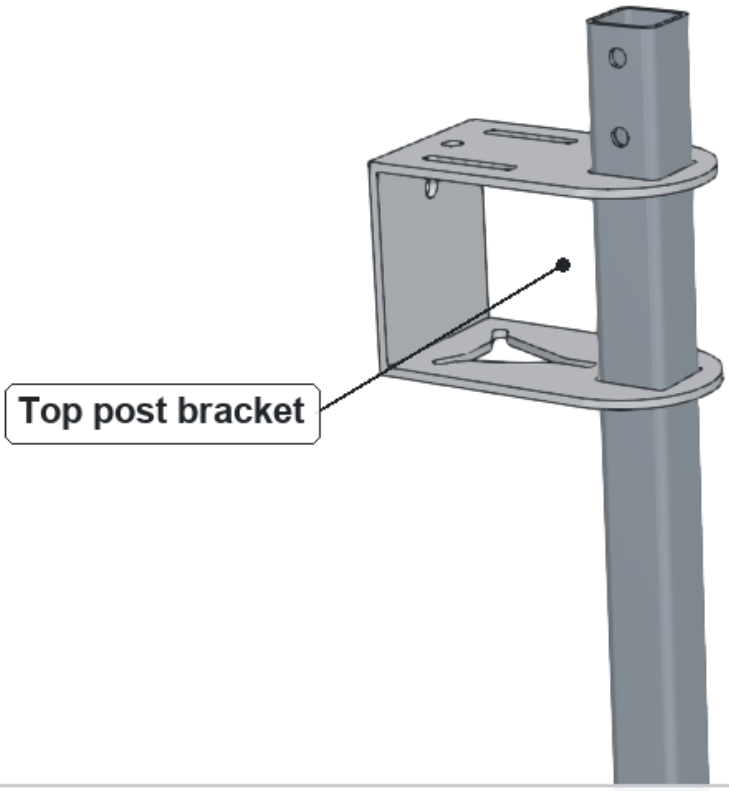




1.5 Its pin

Pin 1 through the bracket and the mast, ball end first.

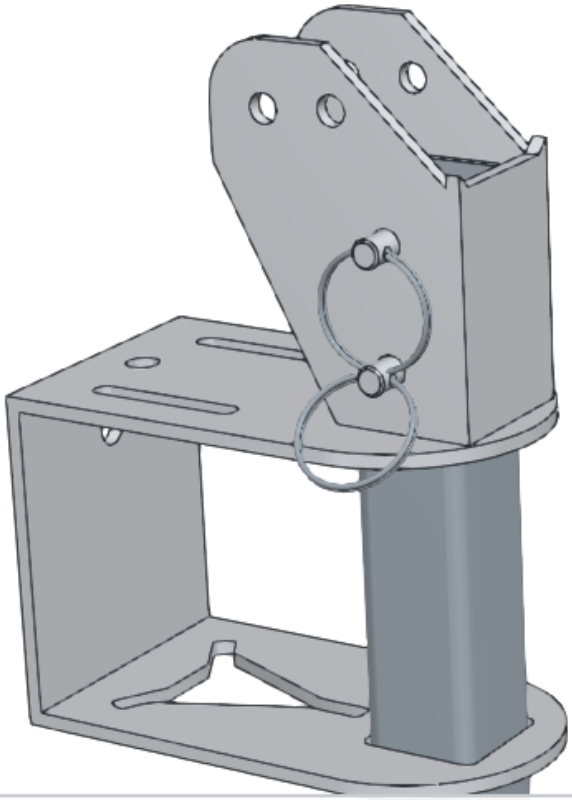




1.6 Top post bracket

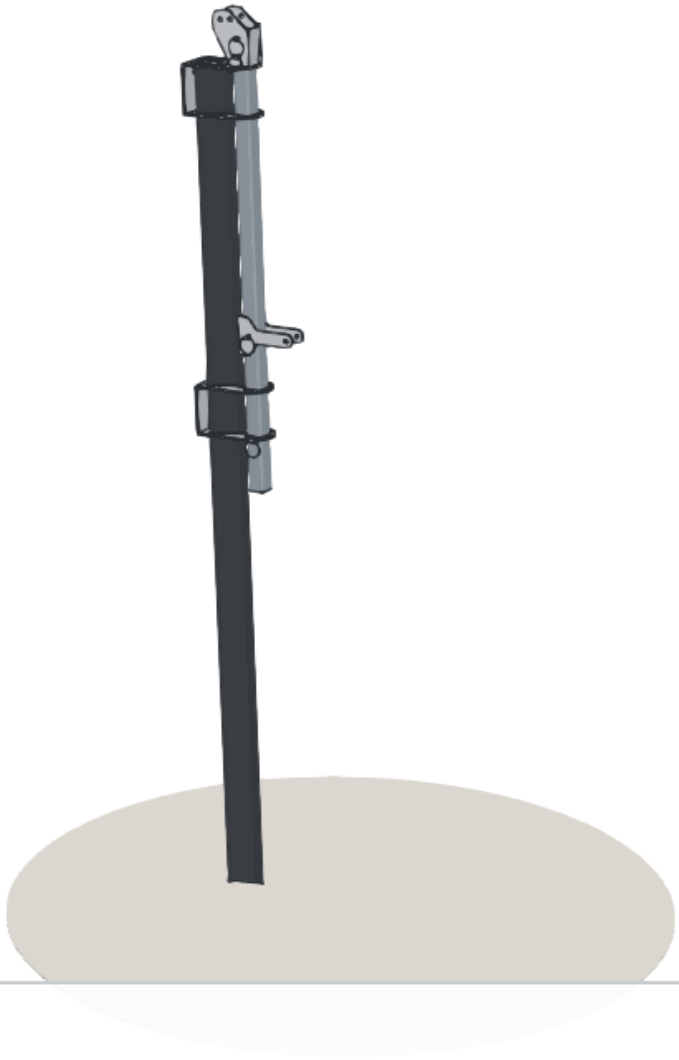
Slide it down from the top end, Y-post cut-out away from the arm.





1.7 Pivot bracket

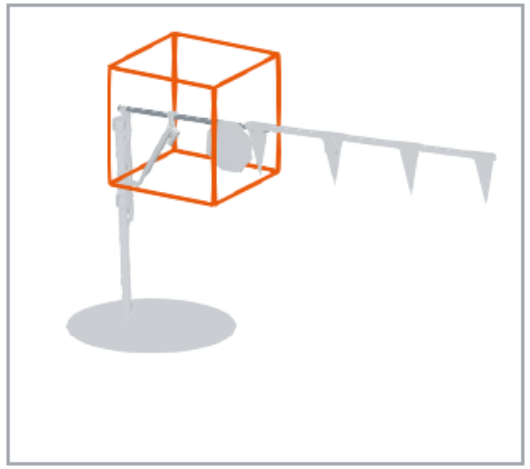
Over the top end, notch toward the arm; pin 1 through each of the mast's top holes.

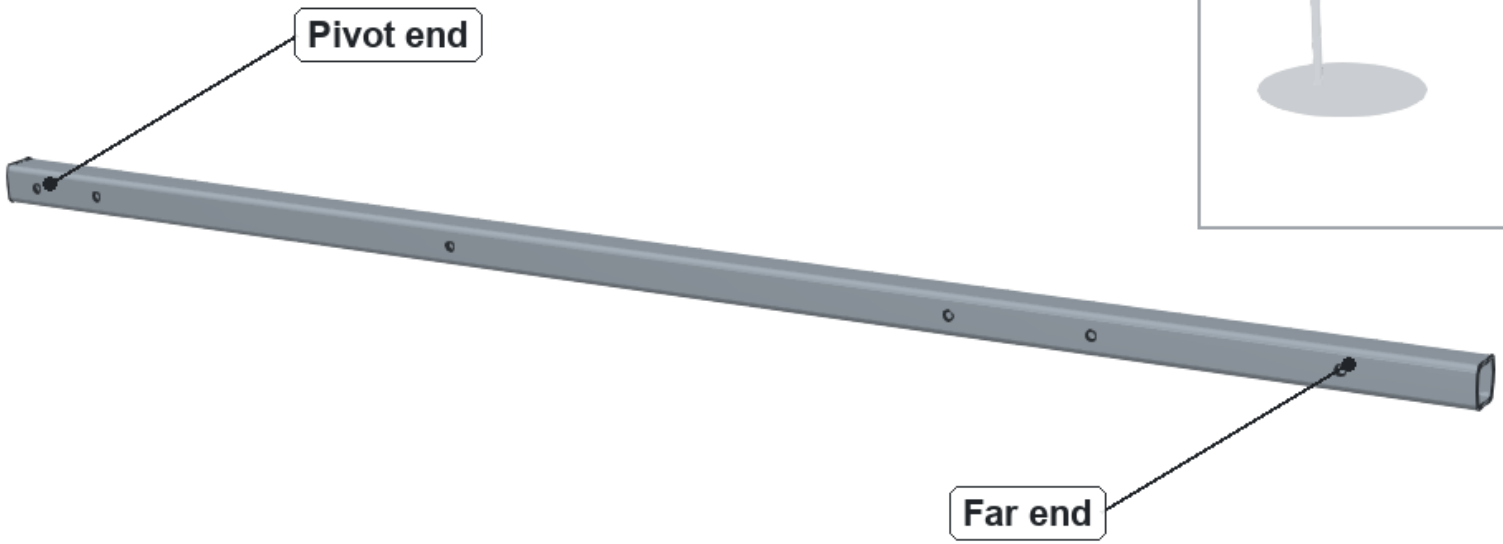




1.8 Onto the Y post

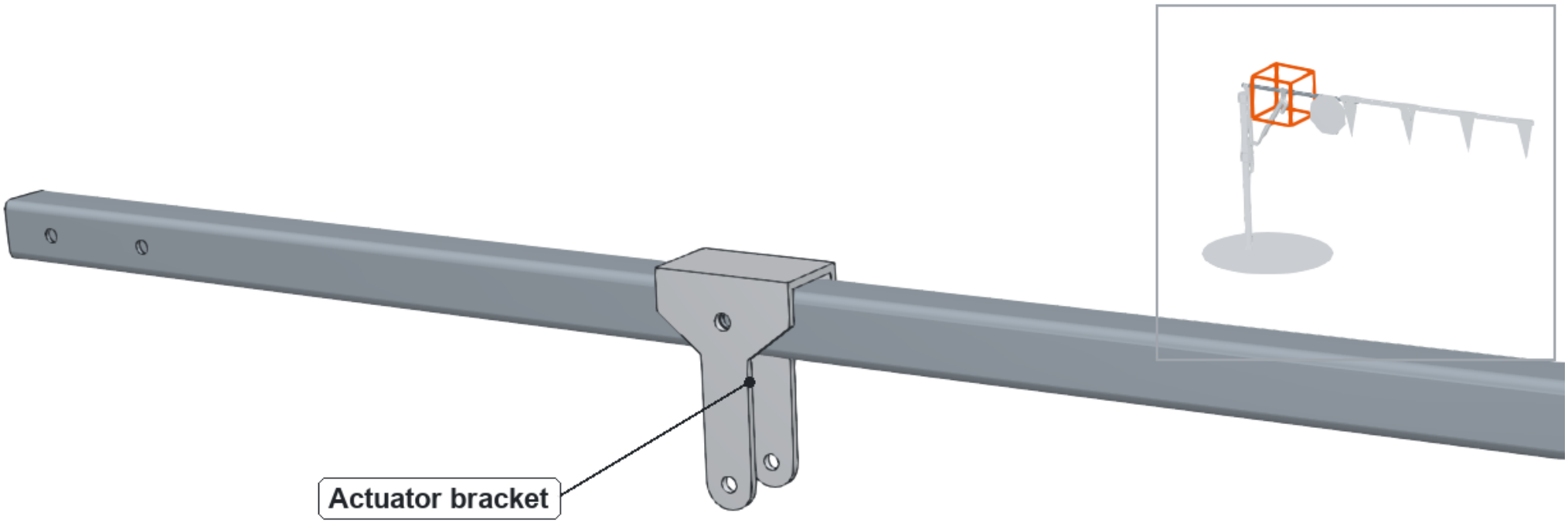
Lower the mast onto the post: the post goes up through both post brackets to the top one.





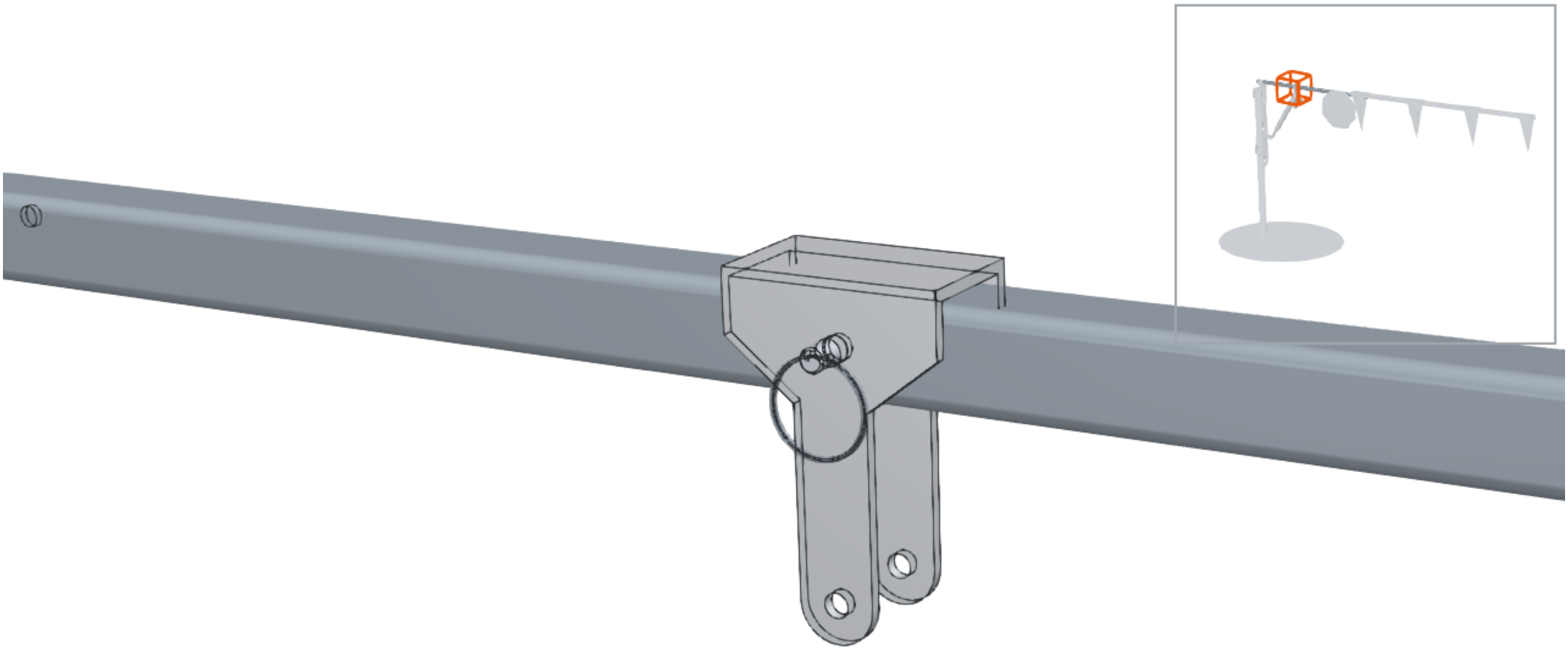
2.1 The boom root: galv 1000 box

The pivot end has its first hole 25 mm in; the far end goes into the aluminium arm.



2.2 Actuator bracket

Over the boom root at the hole 352.5 mm from the pivot end, eyes down.



2.3 Its pin

Pin 1 through the bracket and the boom root, ball end first.



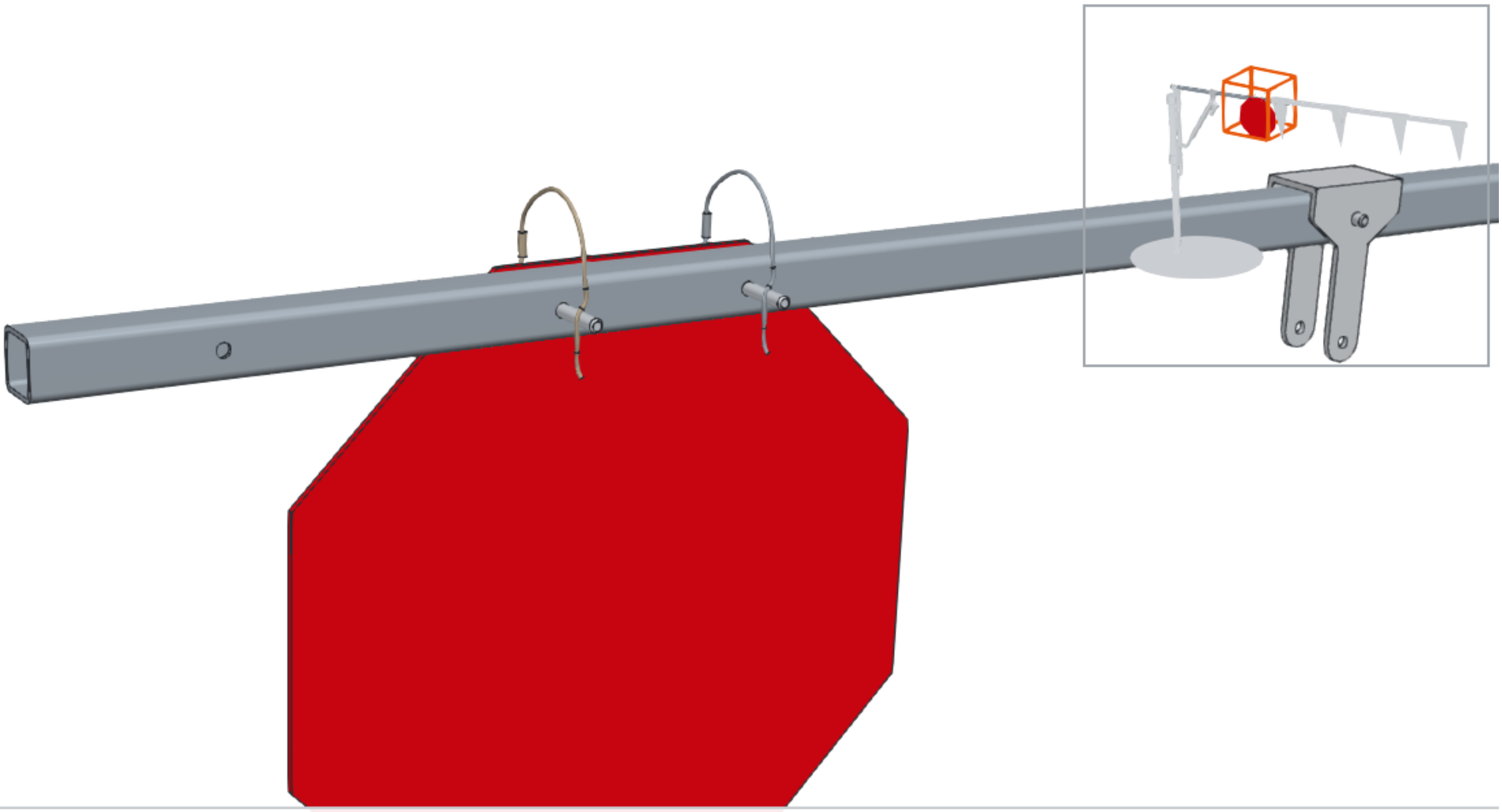
2.4 The stop sign

Flat against the side of the boom root, printed face out, its holes on the boom root's two holes 88 mm apart.



2.5 Pin 2 through each hole

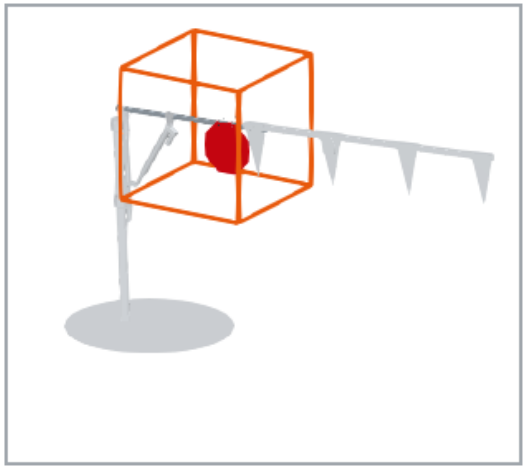
From the sign's side: through the sign and the boom root, the head against the sign.



2.6 Clip the wires

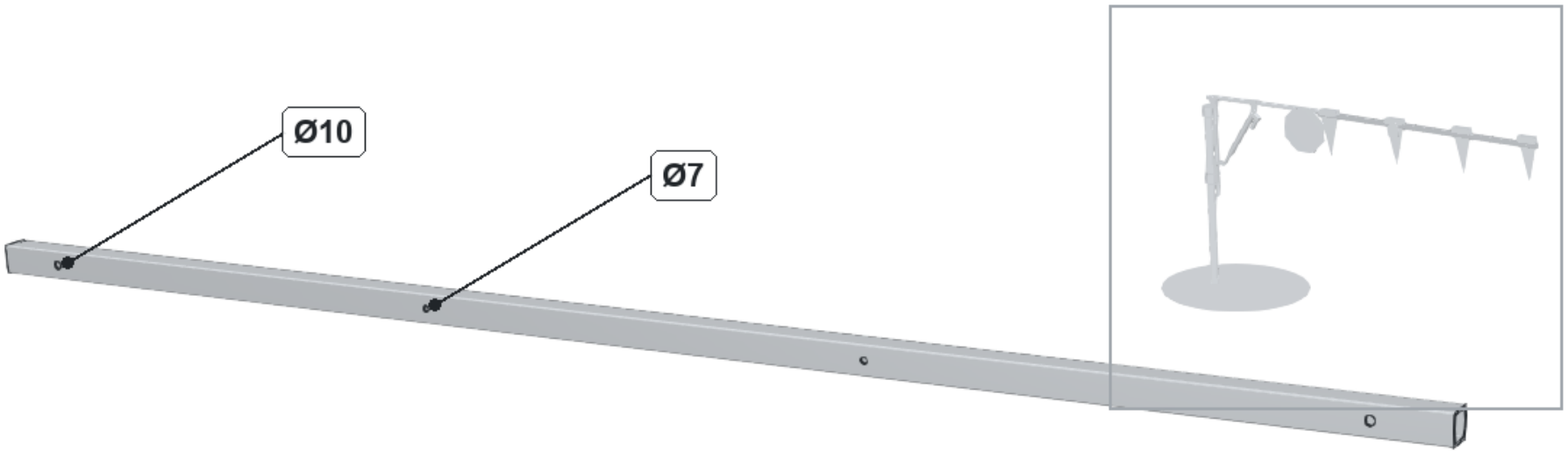
On the far side of the boom root, swing each pin's wire over its end until it clips on.





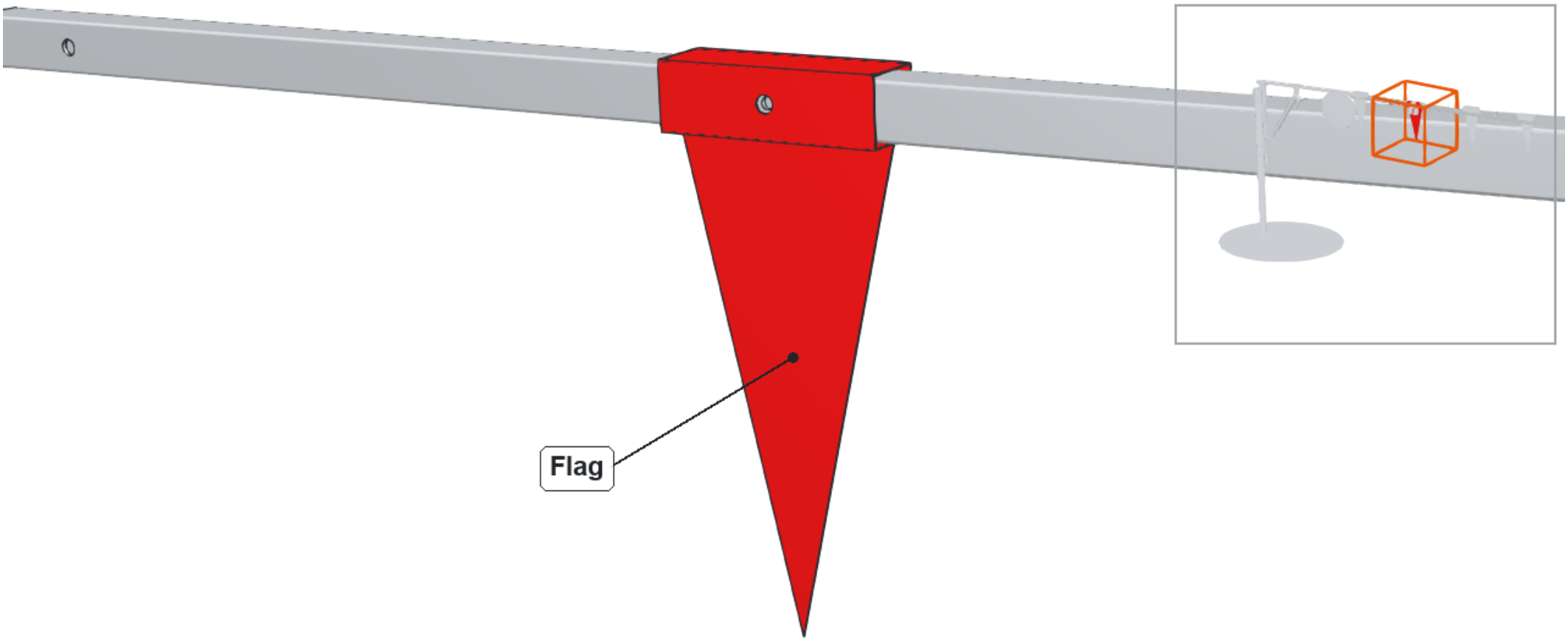
2.7 Boom root ready

Set it aside for step 4.



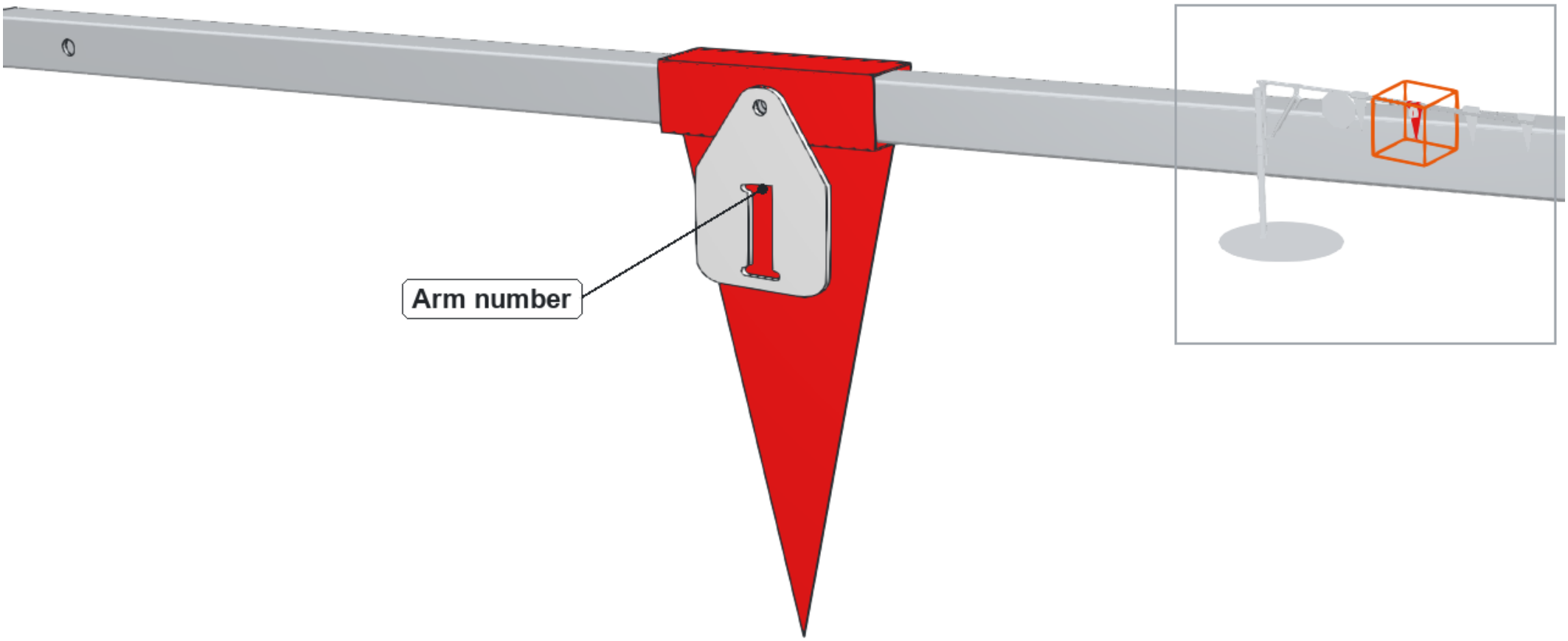
3.1 The aluminium arm

Ø10 holes 75 mm from each end, Ø7 holes 575 mm from each end; it is the same either way round.



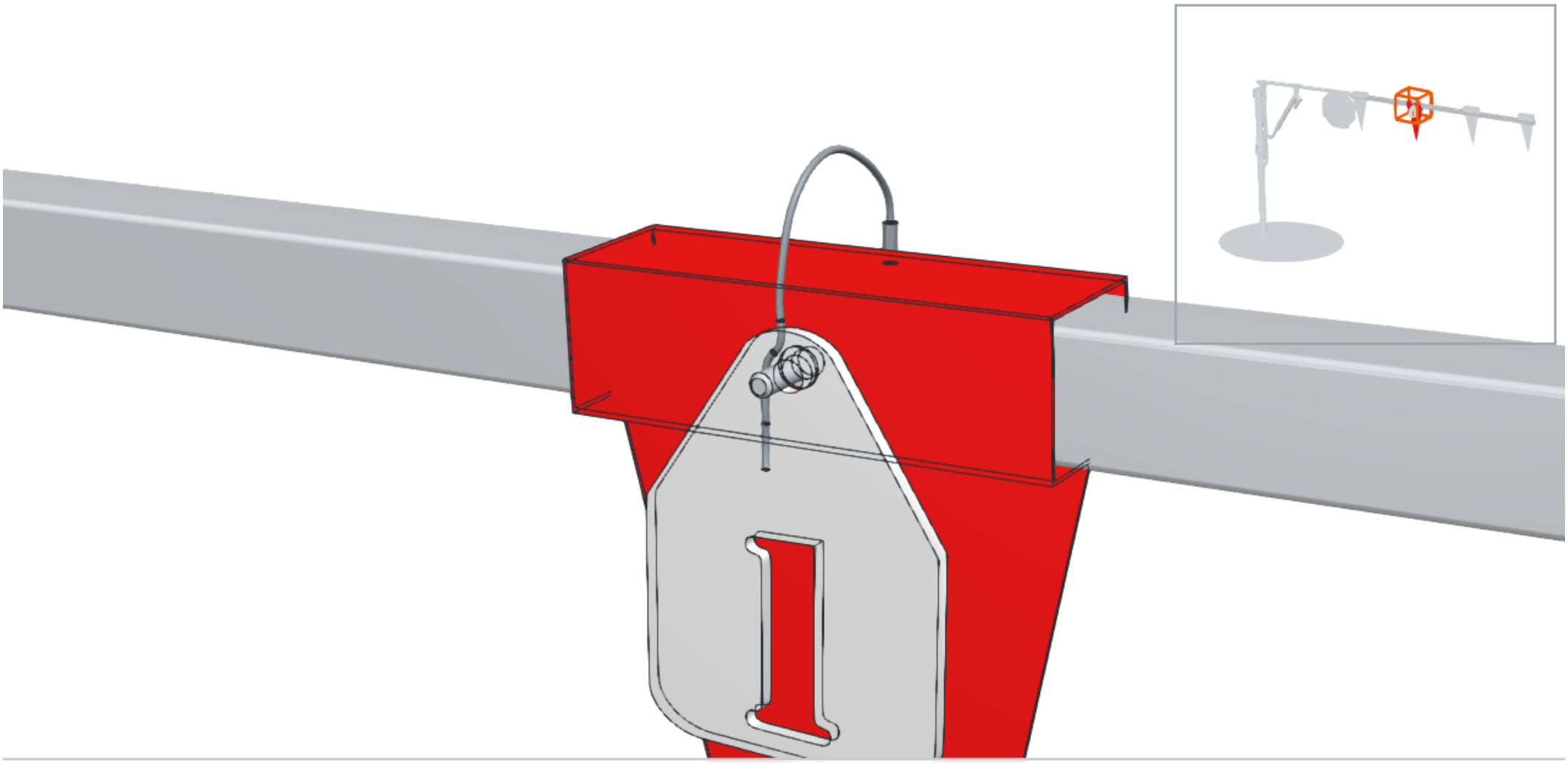
3.2 A flag on the second hole

Open the flag's sleeve and slide it along the arm from the near end to the Ø7 hole.



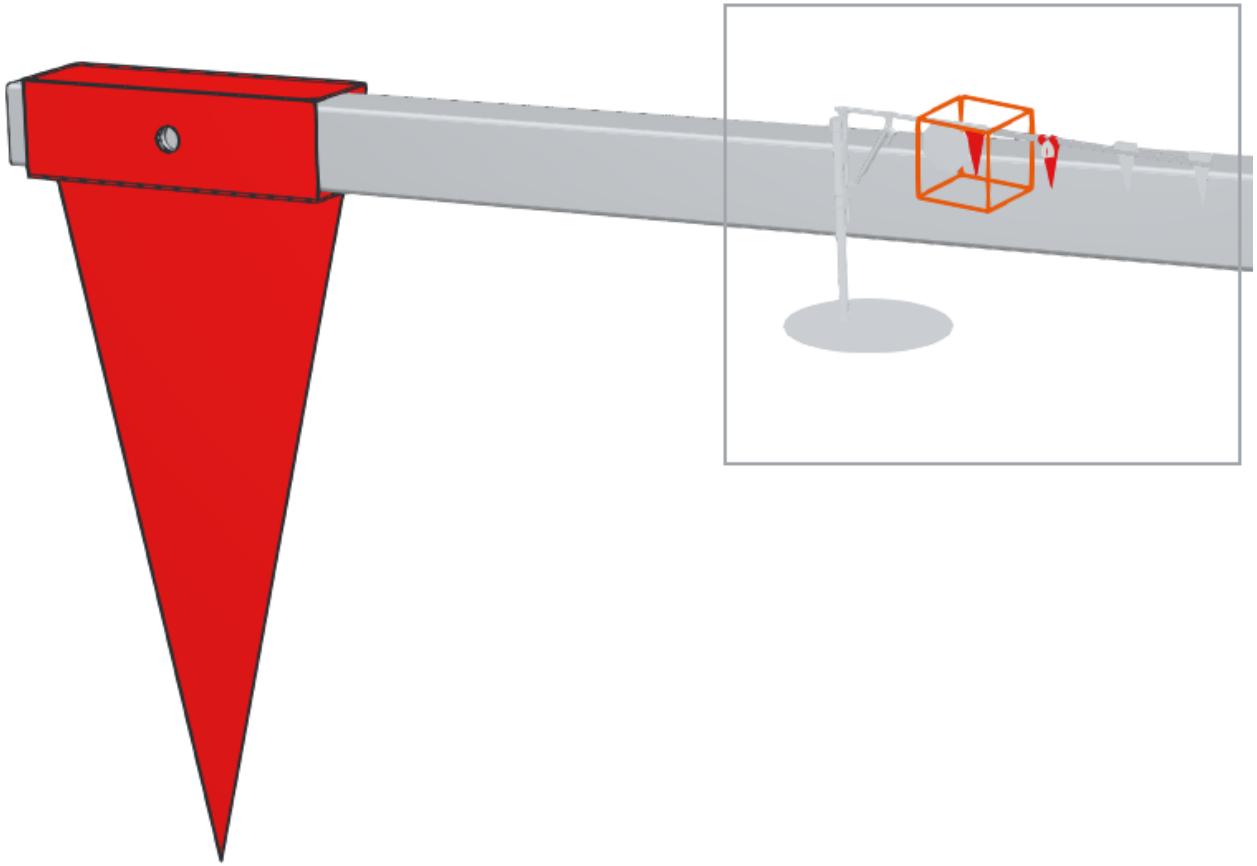
3.3 Arm number

Hang it on the outside of the flag, over the same hole.



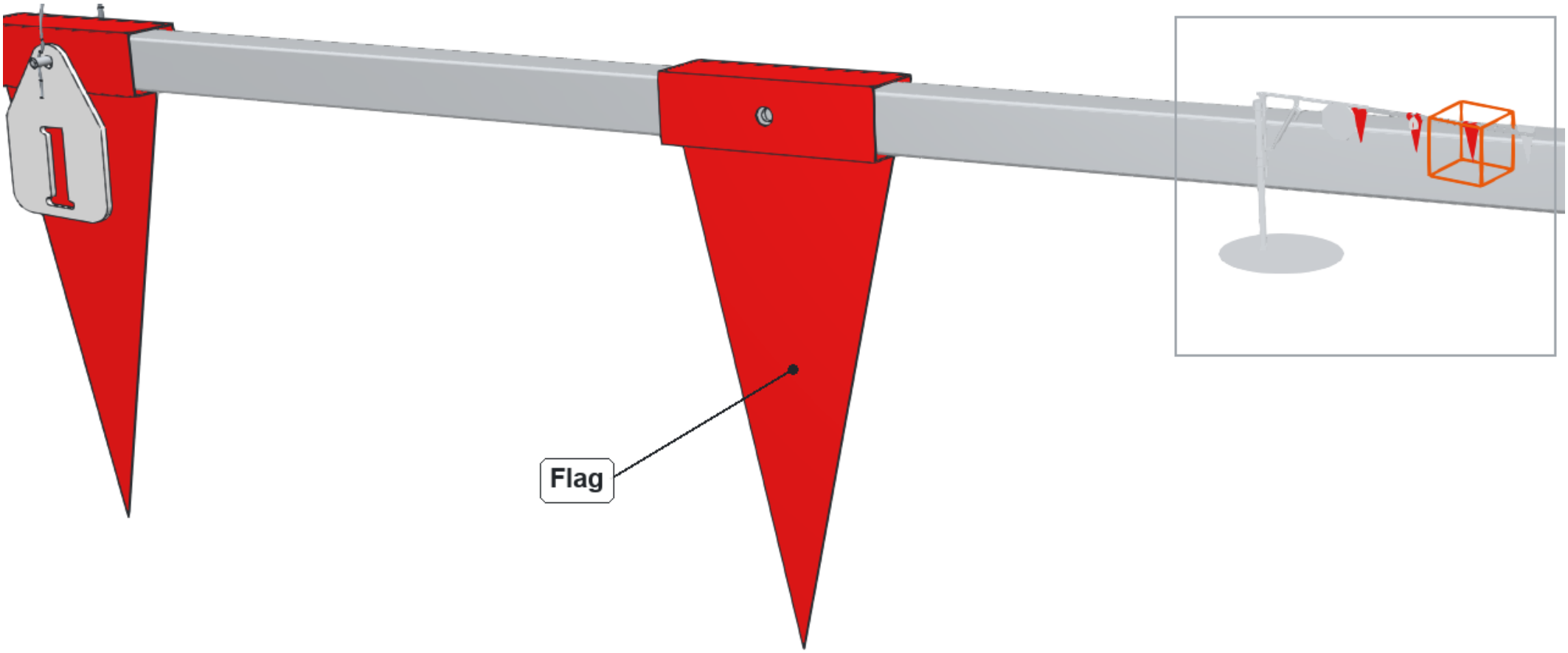
3.4 Pin 2

Push it through the number, the flag and the arm, then clip the wire over its end.



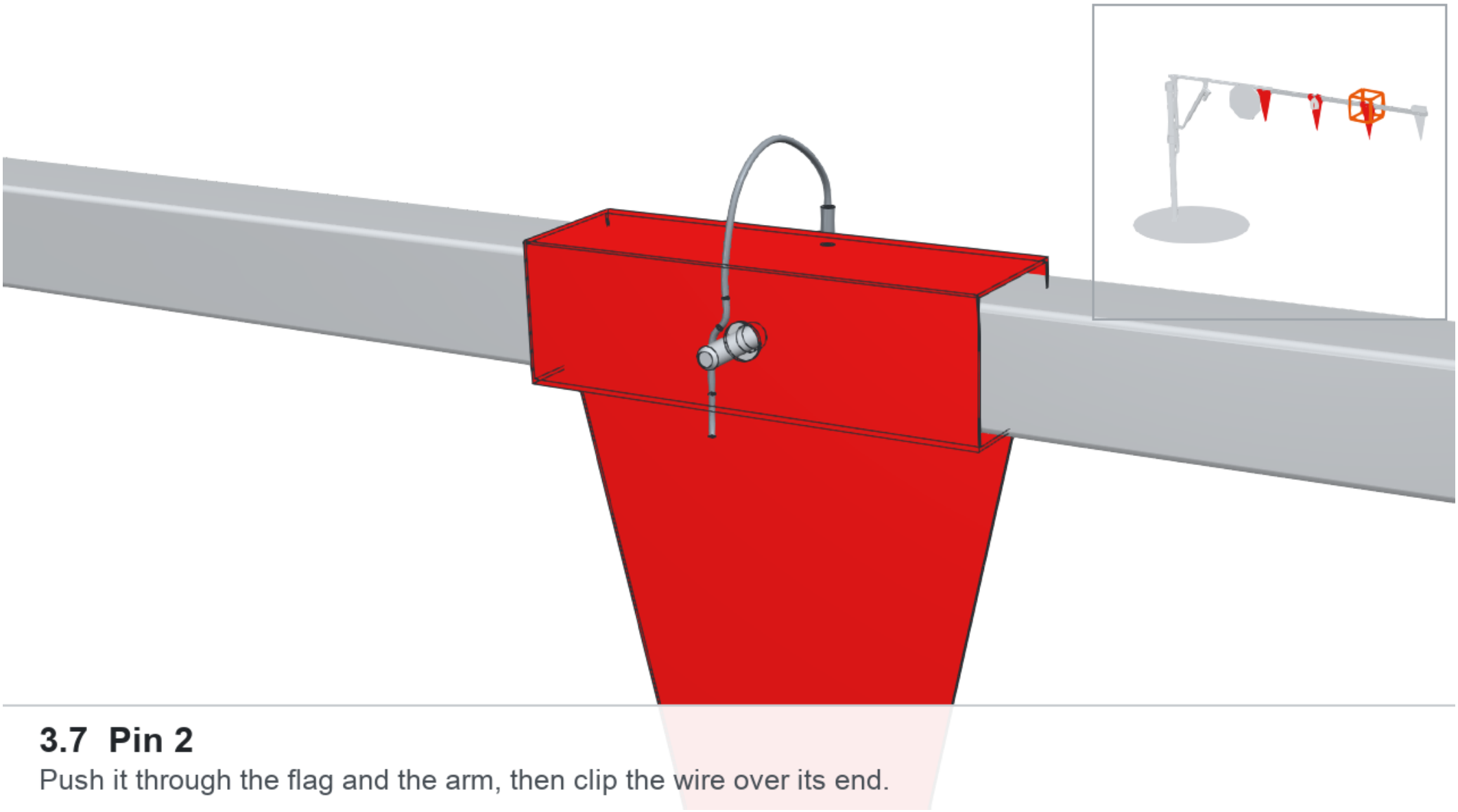
3.5 A flag on the first hole

Slide it on from the near end to the Ø10 hole. No pin yet: its pin also takes the boom root, in step 5.



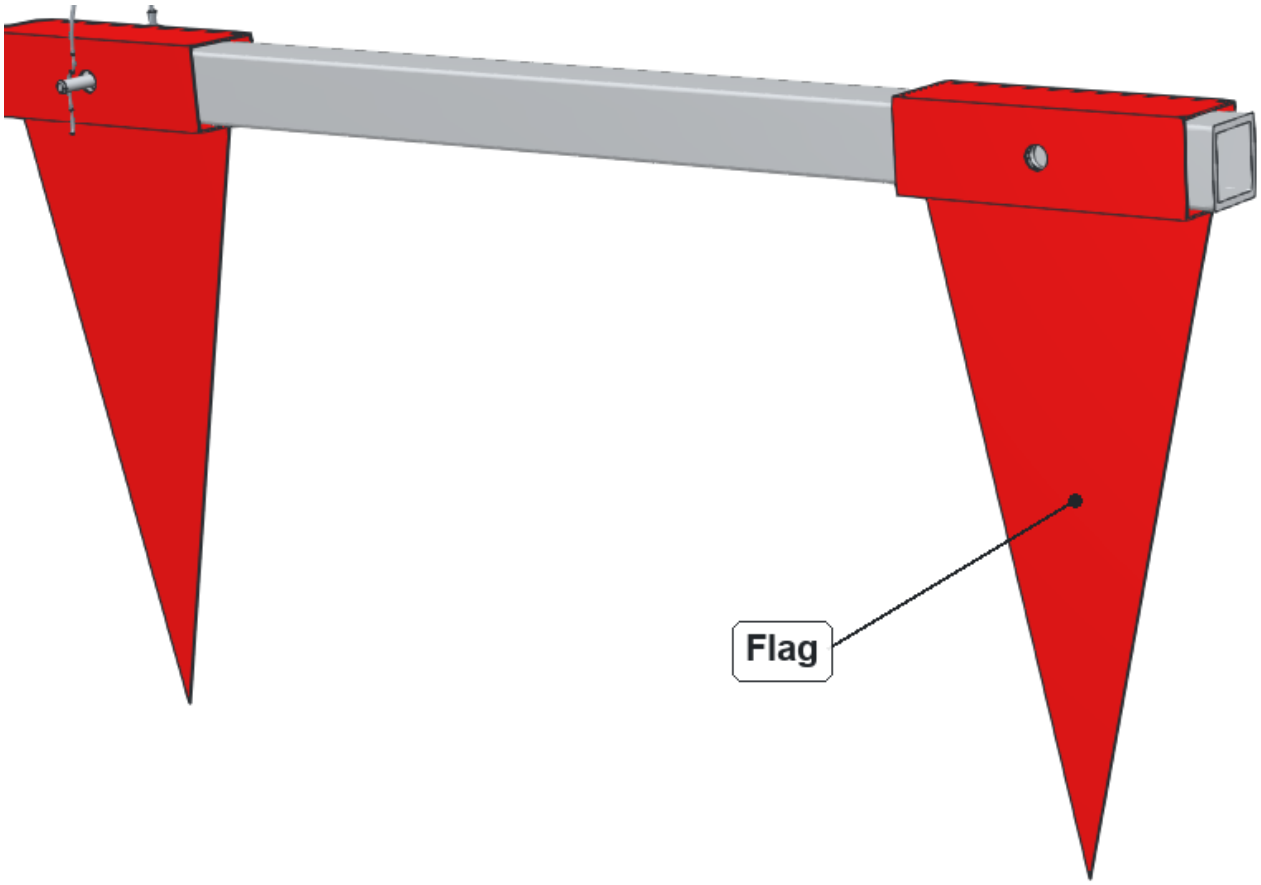
3.6 A flag on the third hole

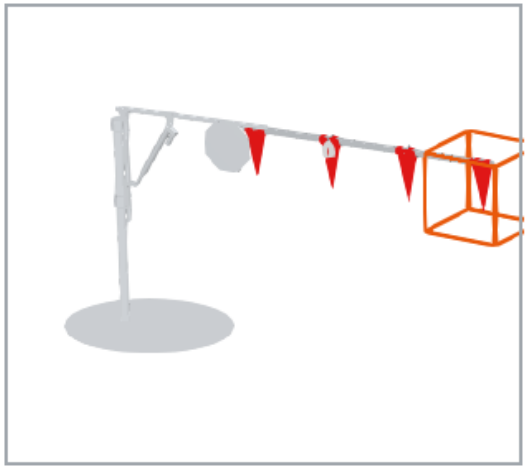
Slide it on from the far end to the other Ø7 hole.



3.7 Pin 2

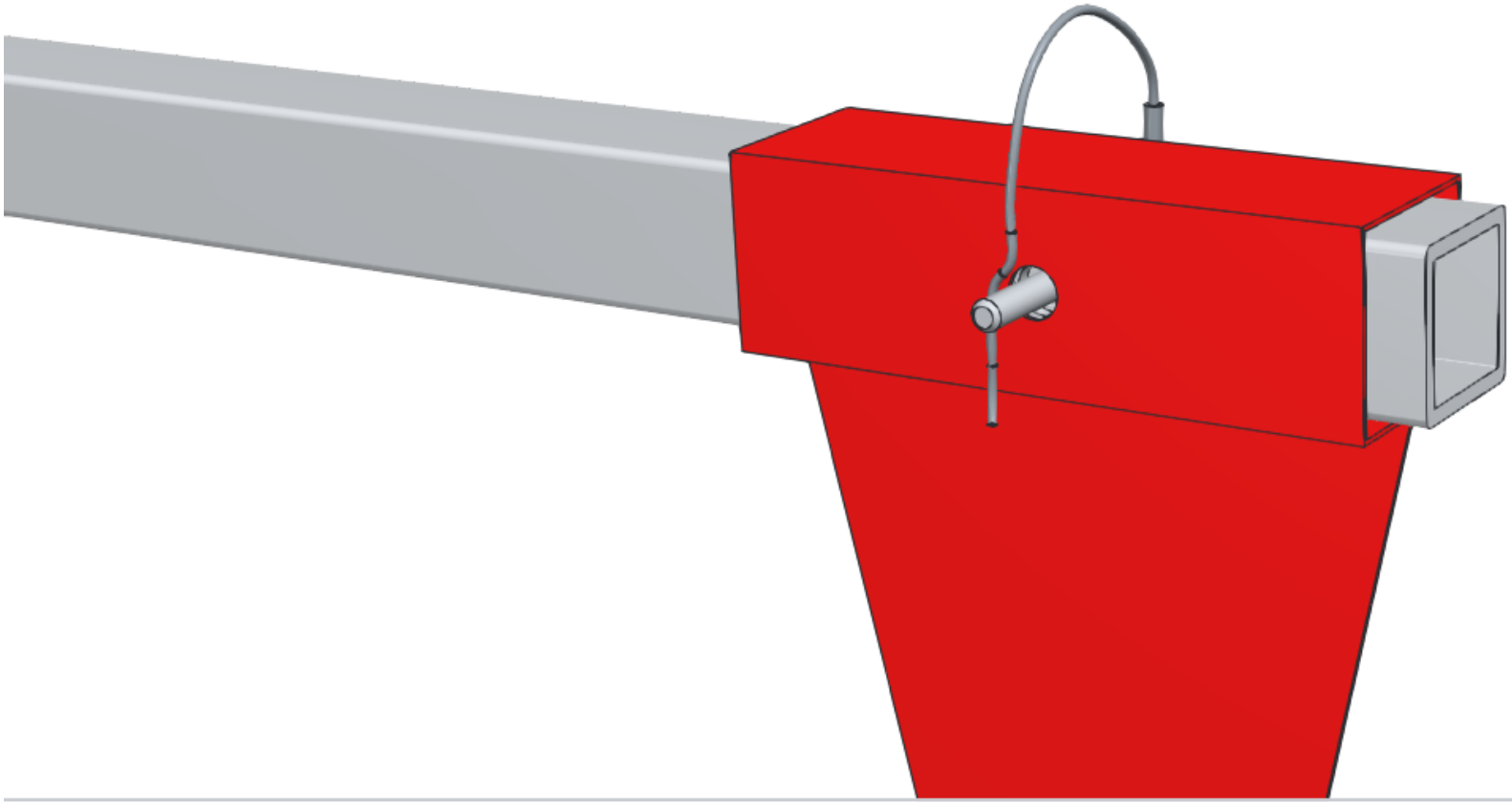
Push it through the flag and the arm, then clip the wire over its end.





3.8 A flag on the end hole

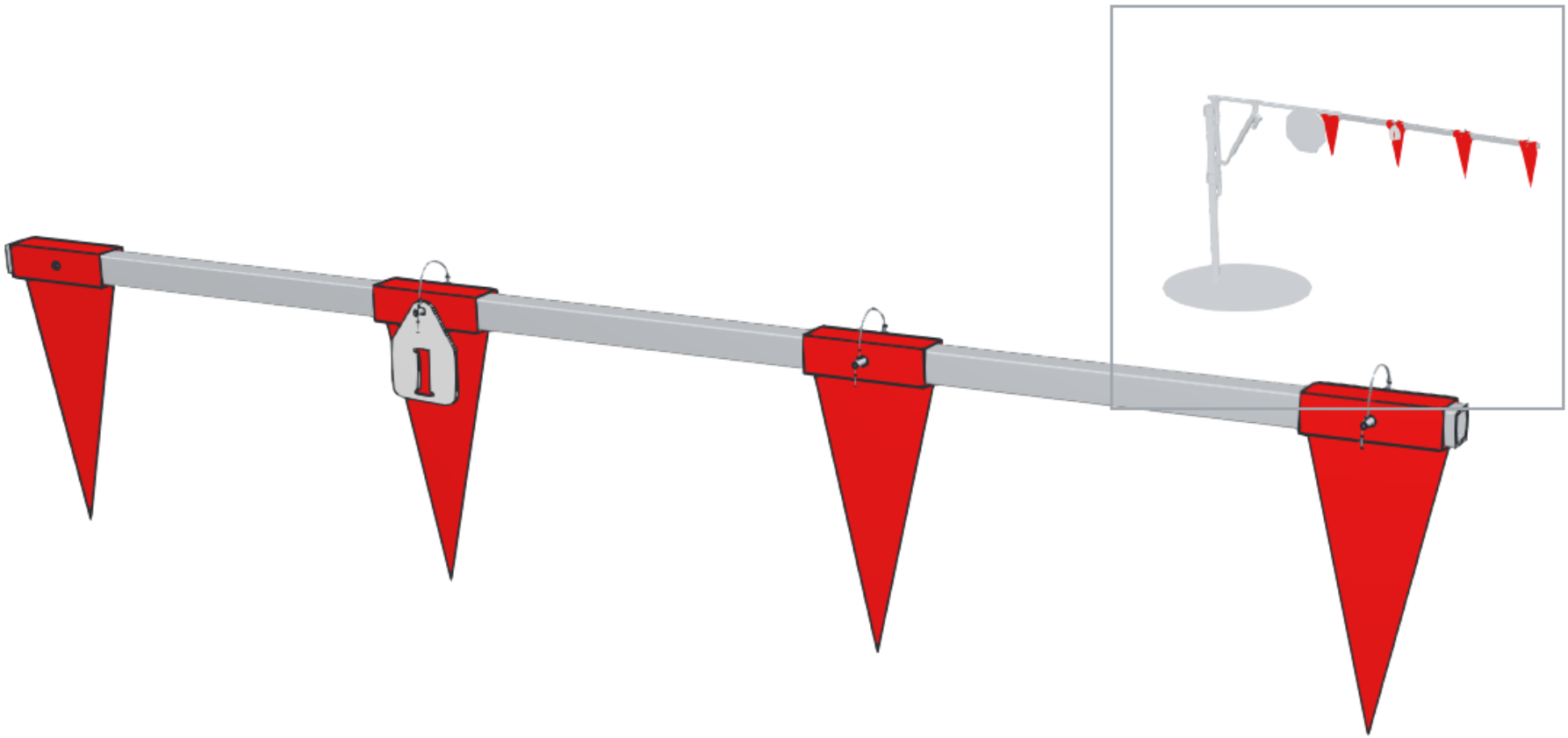
Slide it on from the far end to the Ø10 hole.





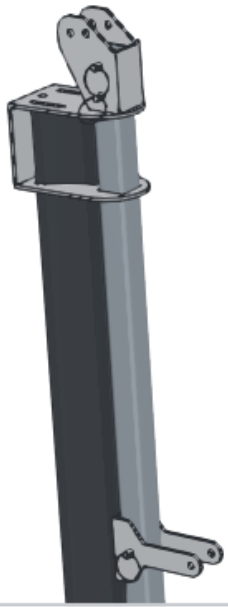
3.9 Pin 2

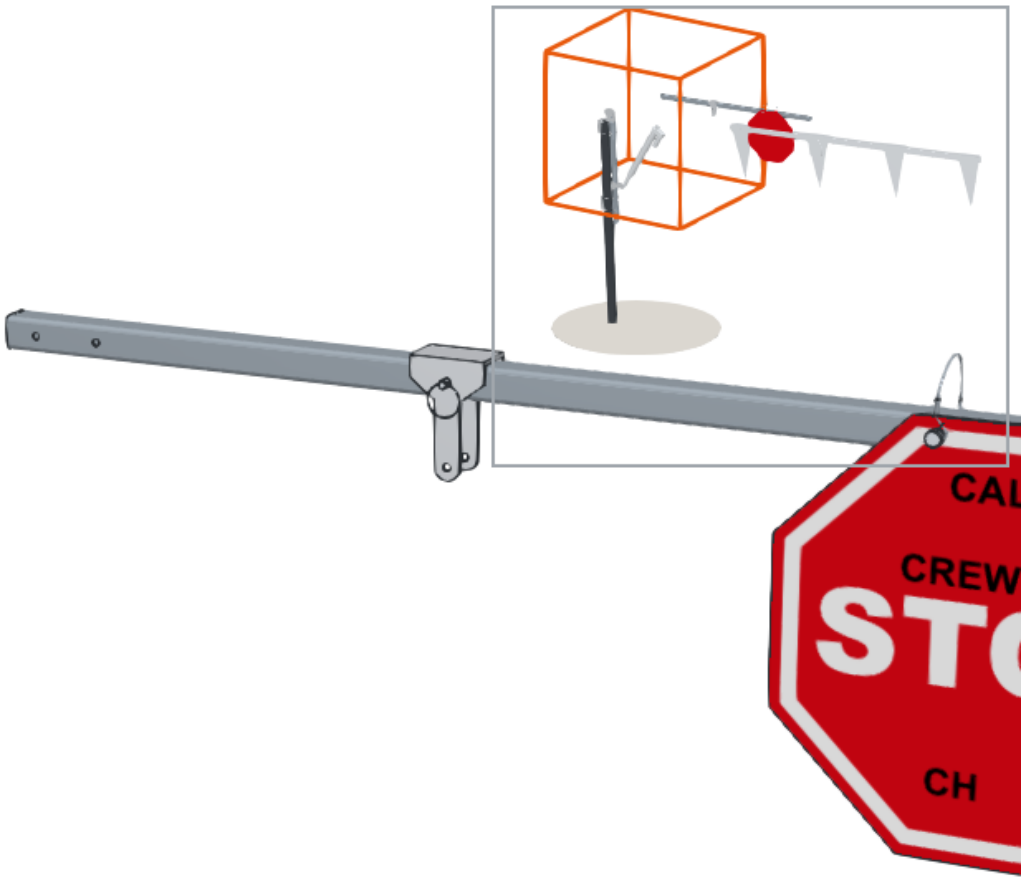
Push it through the flag and the arm, then clip the wire over its end.



3.10 Arm ready

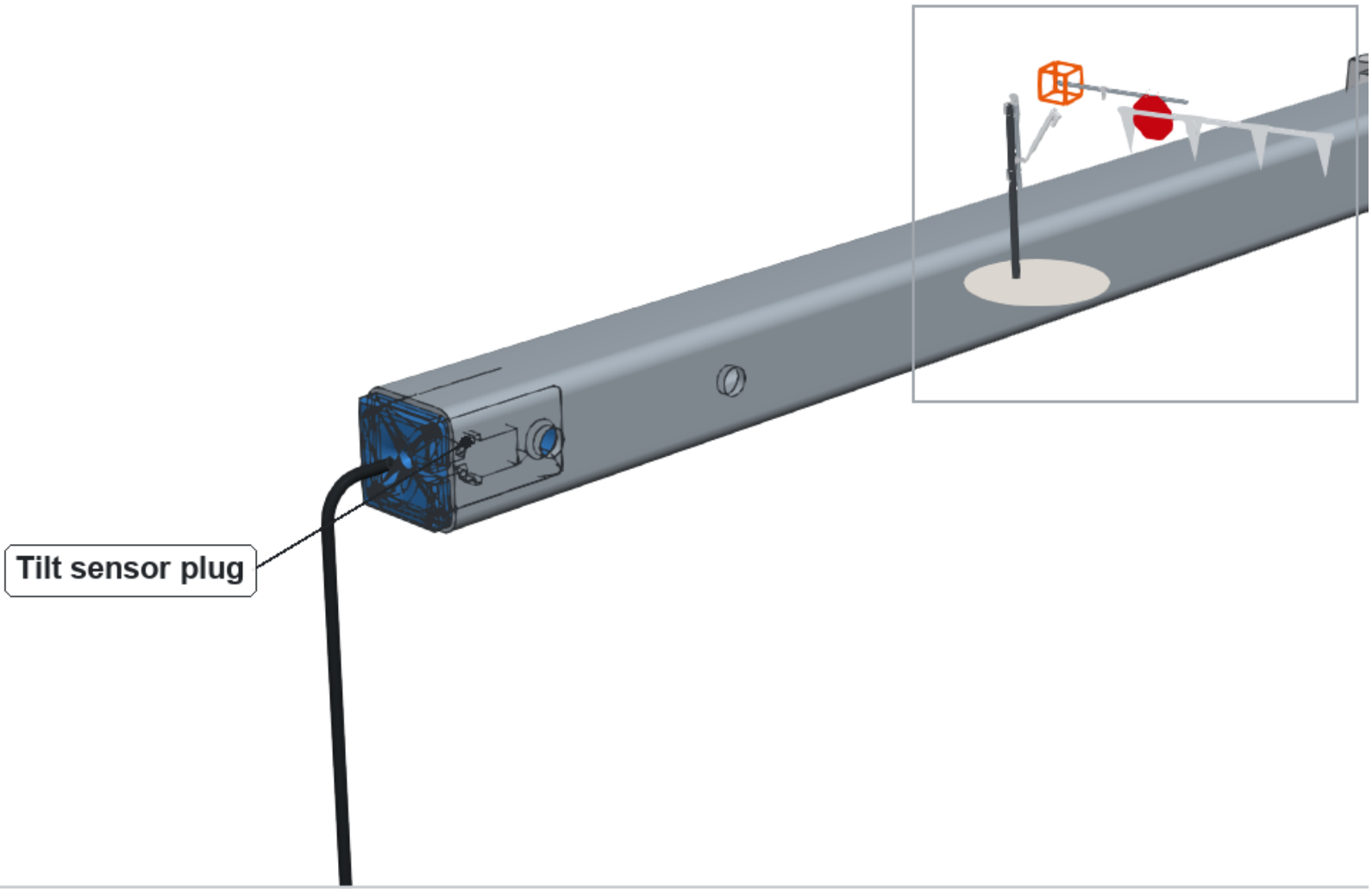
The first flag's pin goes in with the boom root in step 5.





4.1 The boom root, ready

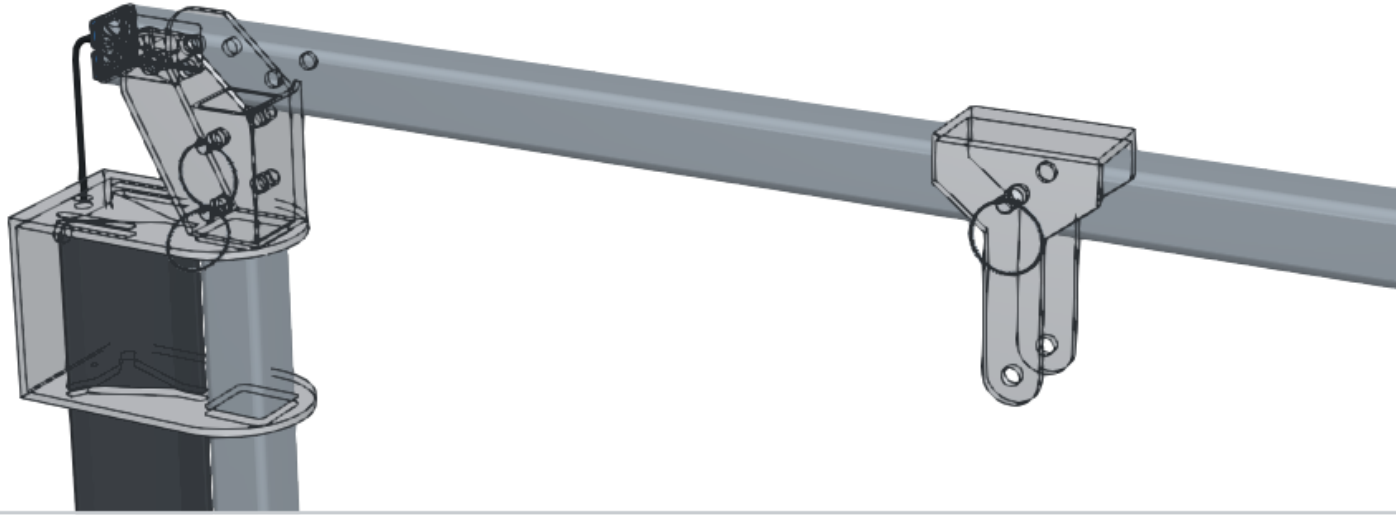
The mast is on its post; bring the boom root up to the pivot bracket.



4.2 Tilt sensor plug

Push it into the boom root's pivot end, its back left out with the cable; the cross-hole lines up with the end hole.

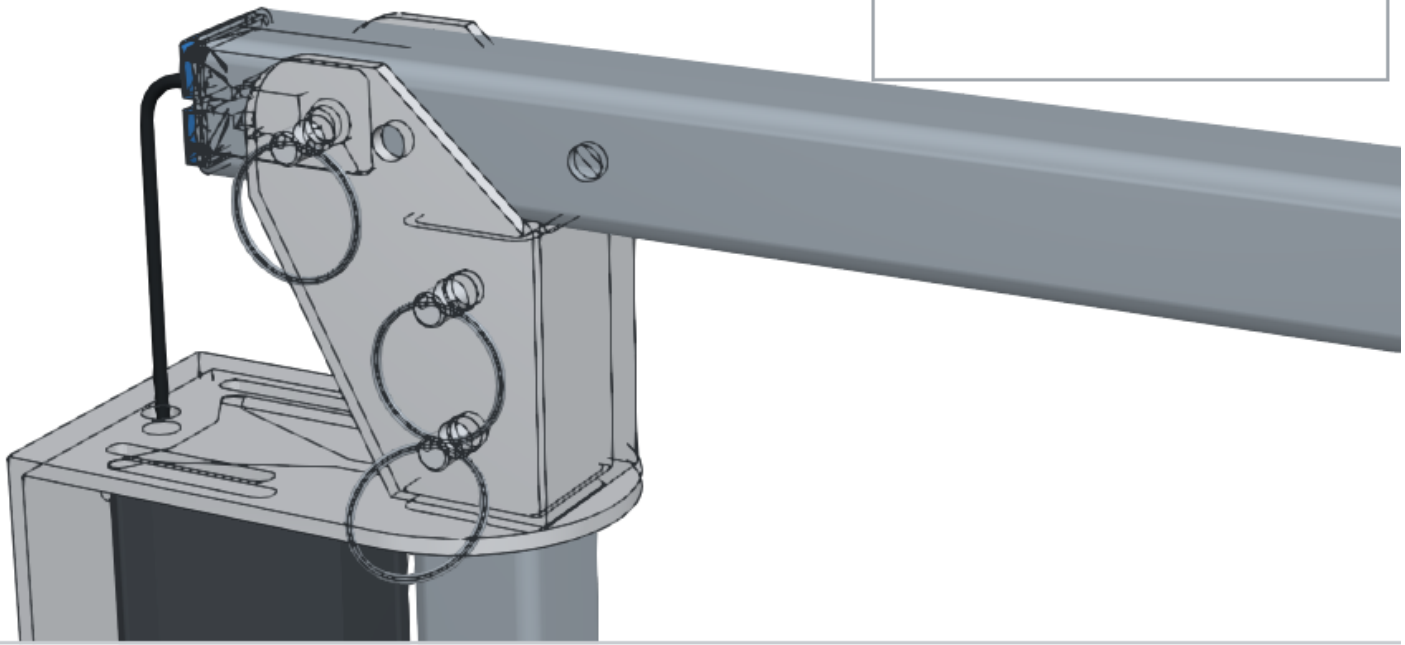




4.3 Into the pivot bracket

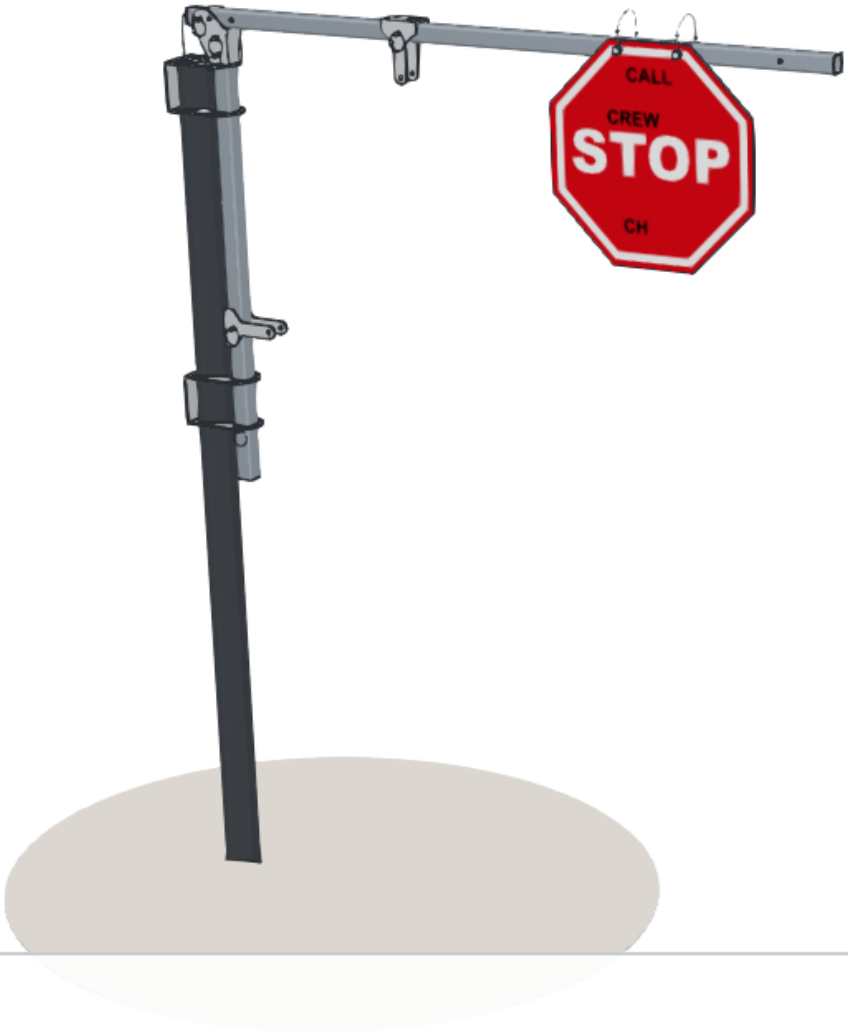
Lower the pivot end between the bracket's top wings so the boom root rests in the notch.

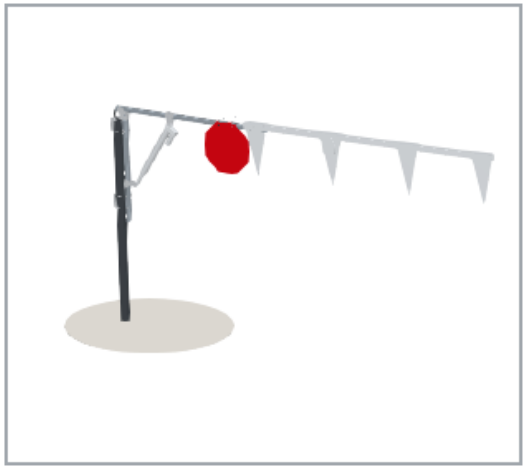




4.4 The pivot pin

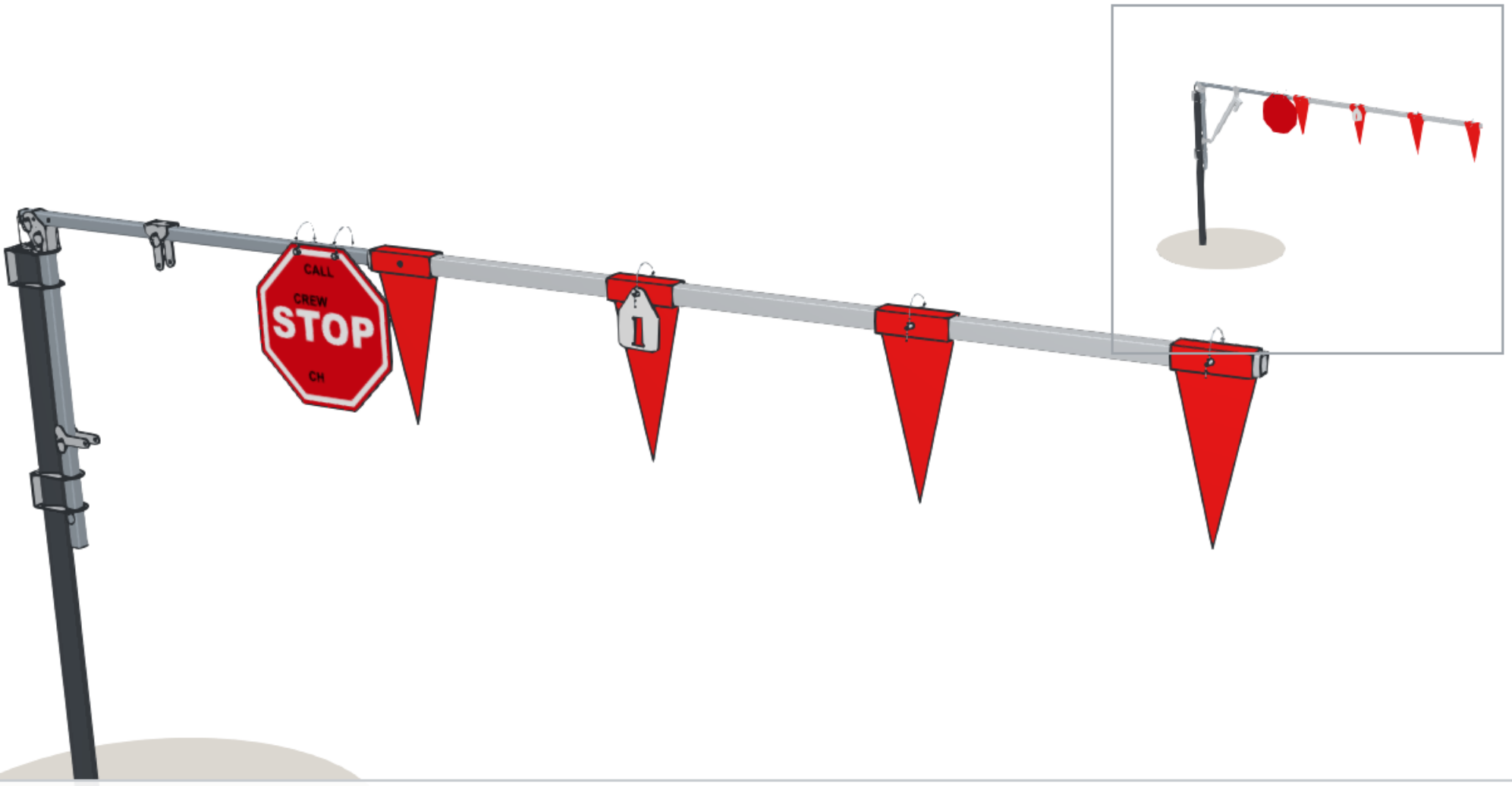
Pin 1 through the wings, the boom root and the plug, ball end first.





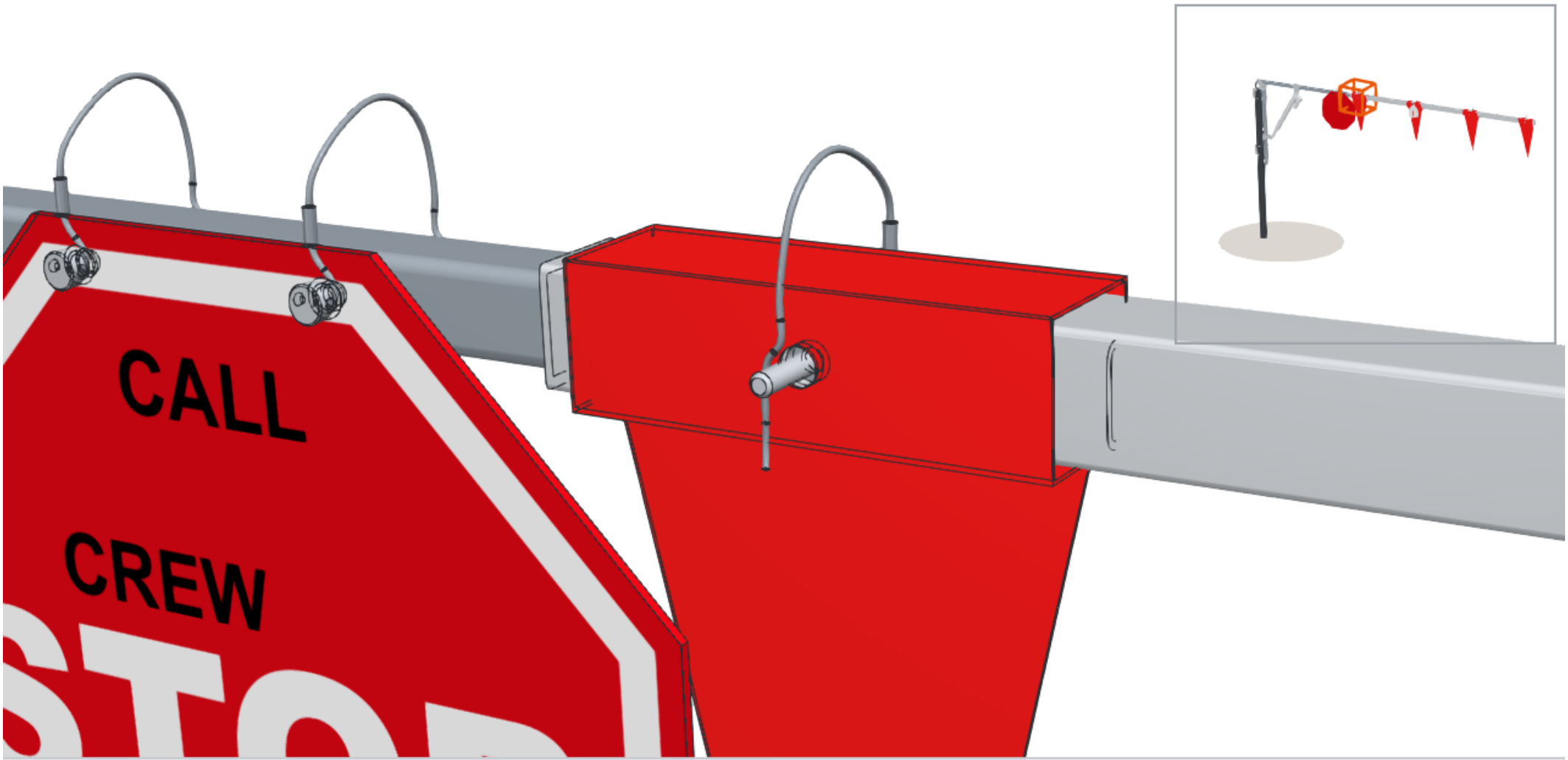
4.5 Boom root fitted

It pivots on that pin and rests on the notch.



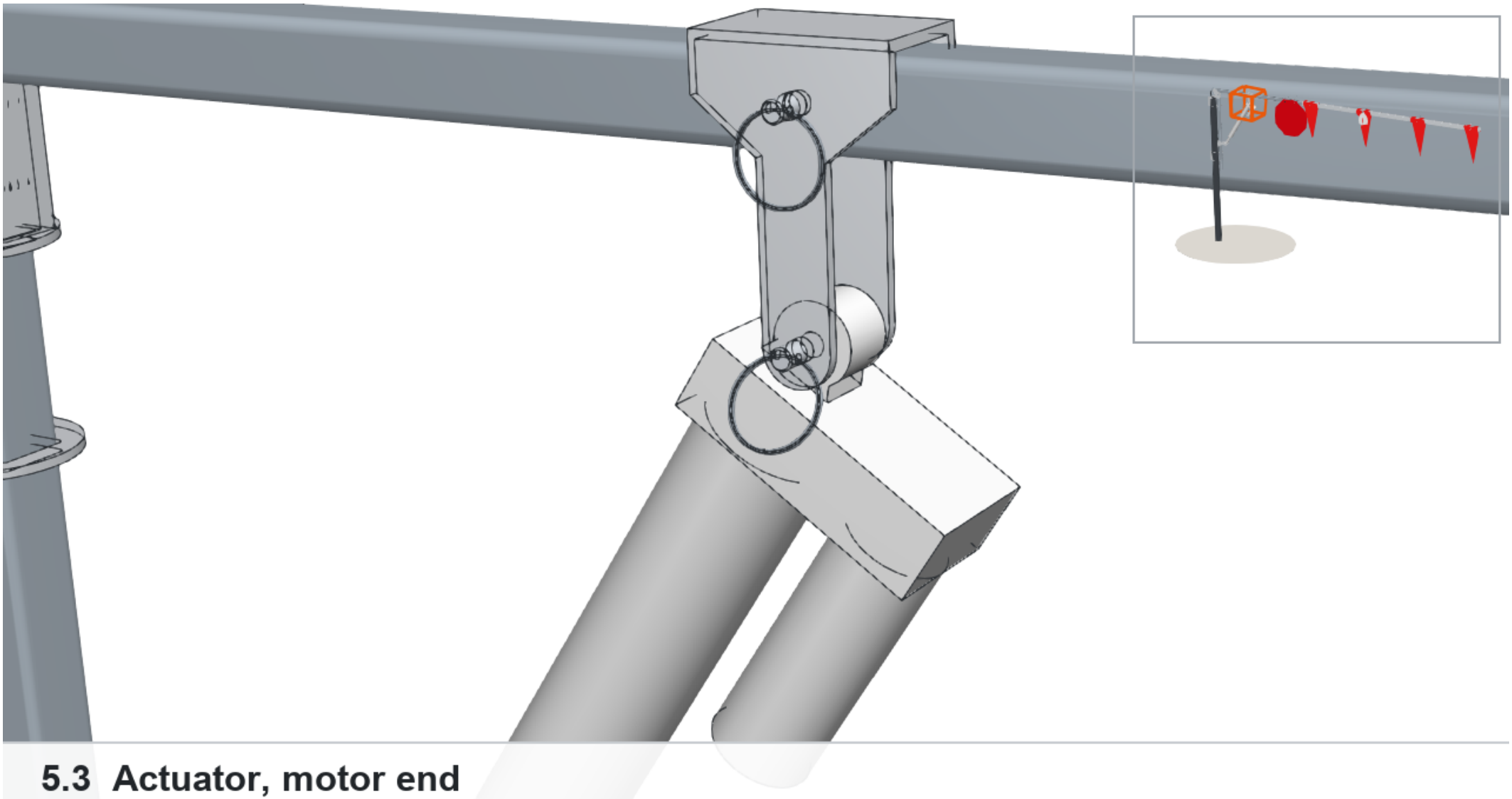
5.1 The aluminium arm onto the boom root

Slide it over the boom root's far end until its end hole lines up with the boom root's last hole.



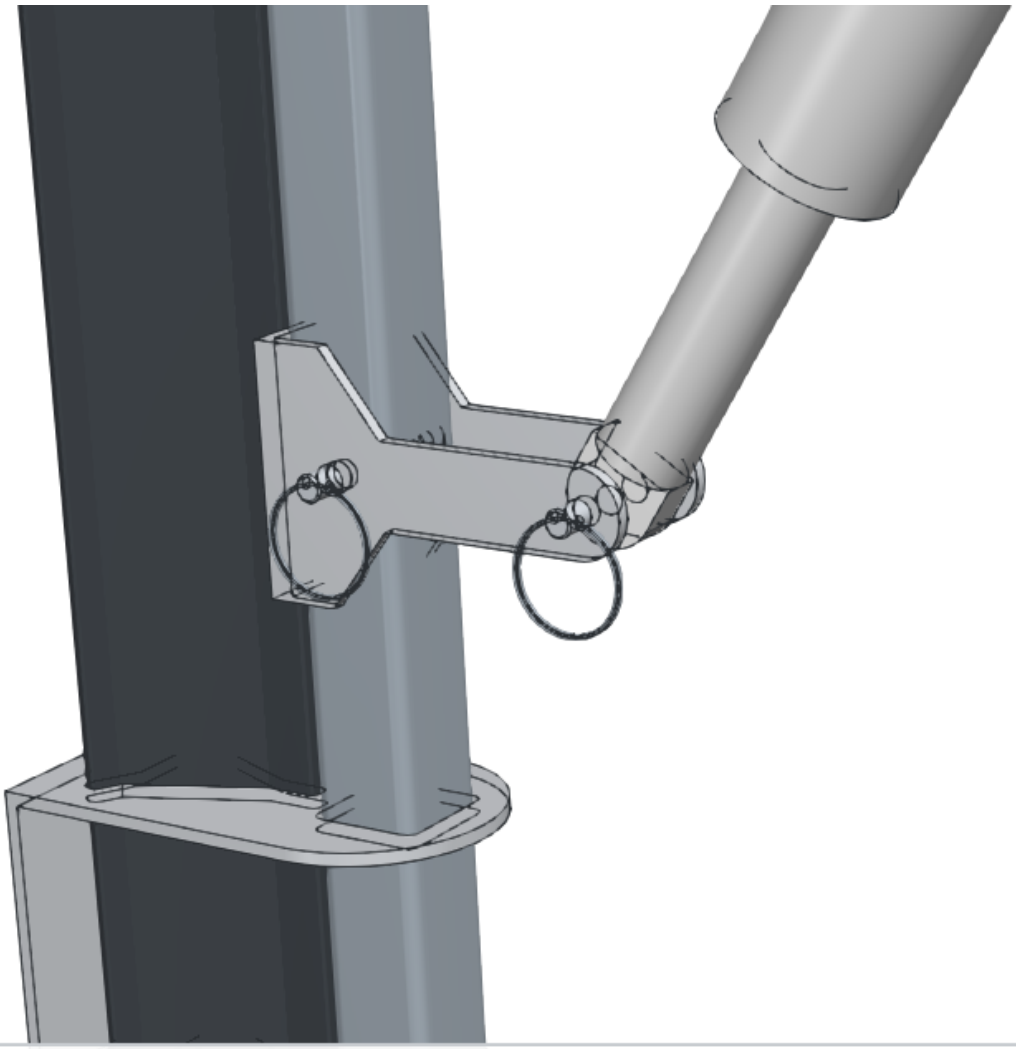
5.2 Pin 2: flag, arm and boom root in one

Through the first flag, the arm and the boom root, then clip the wire over its end.



5.3 Actuator, motor end

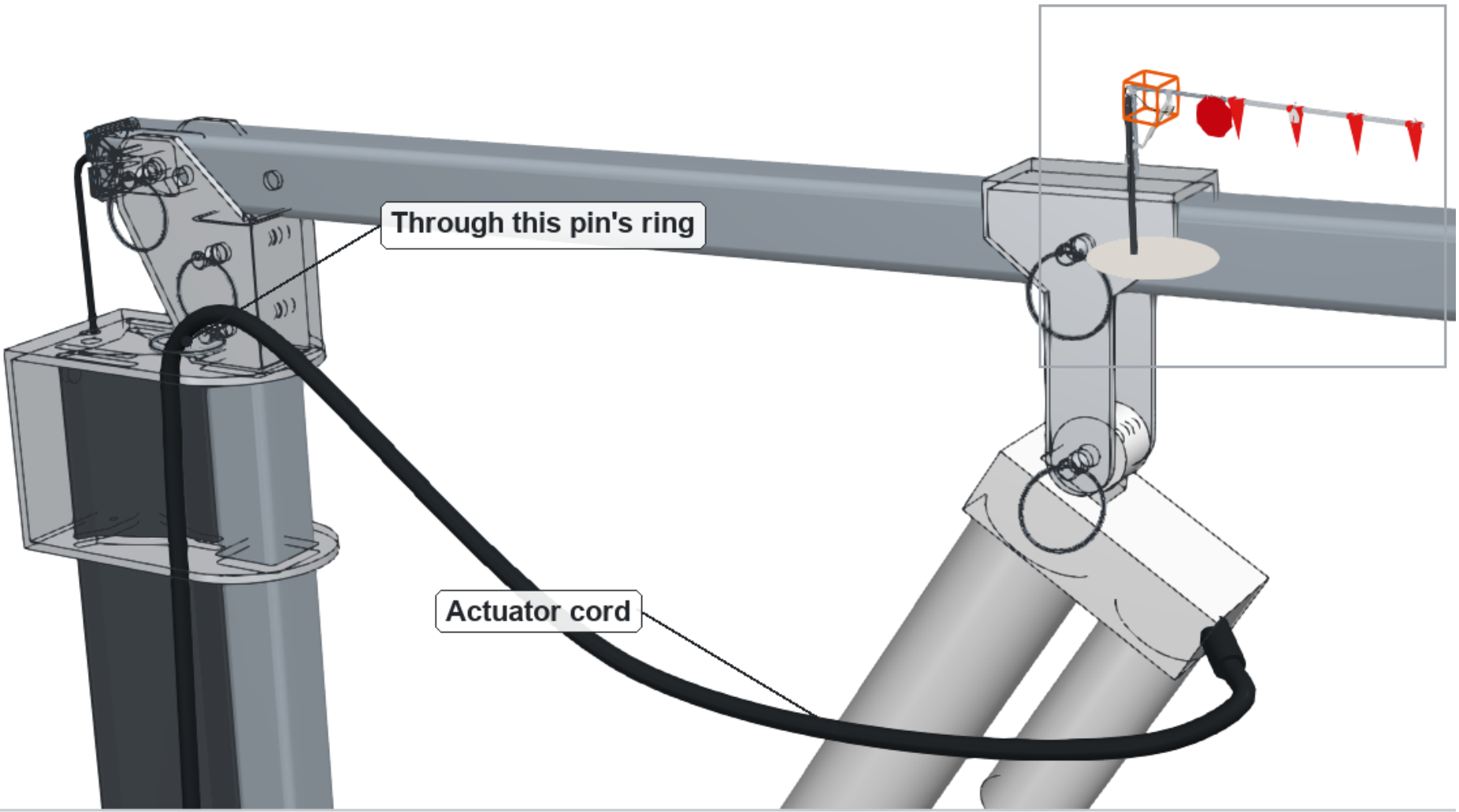
Up into the actuator bracket under the boom root: pin 1 through the bracket and the eye, ball end first.





5.4 Actuator, rod end

Lift the arm until the rod's eye lines up with the mast bracket (about 5 mm): pin 1, ball end first.



5.5 The actuator's cord

Down through the ring of one of the pivot bracket's lower pins, clear of the moving actuator.



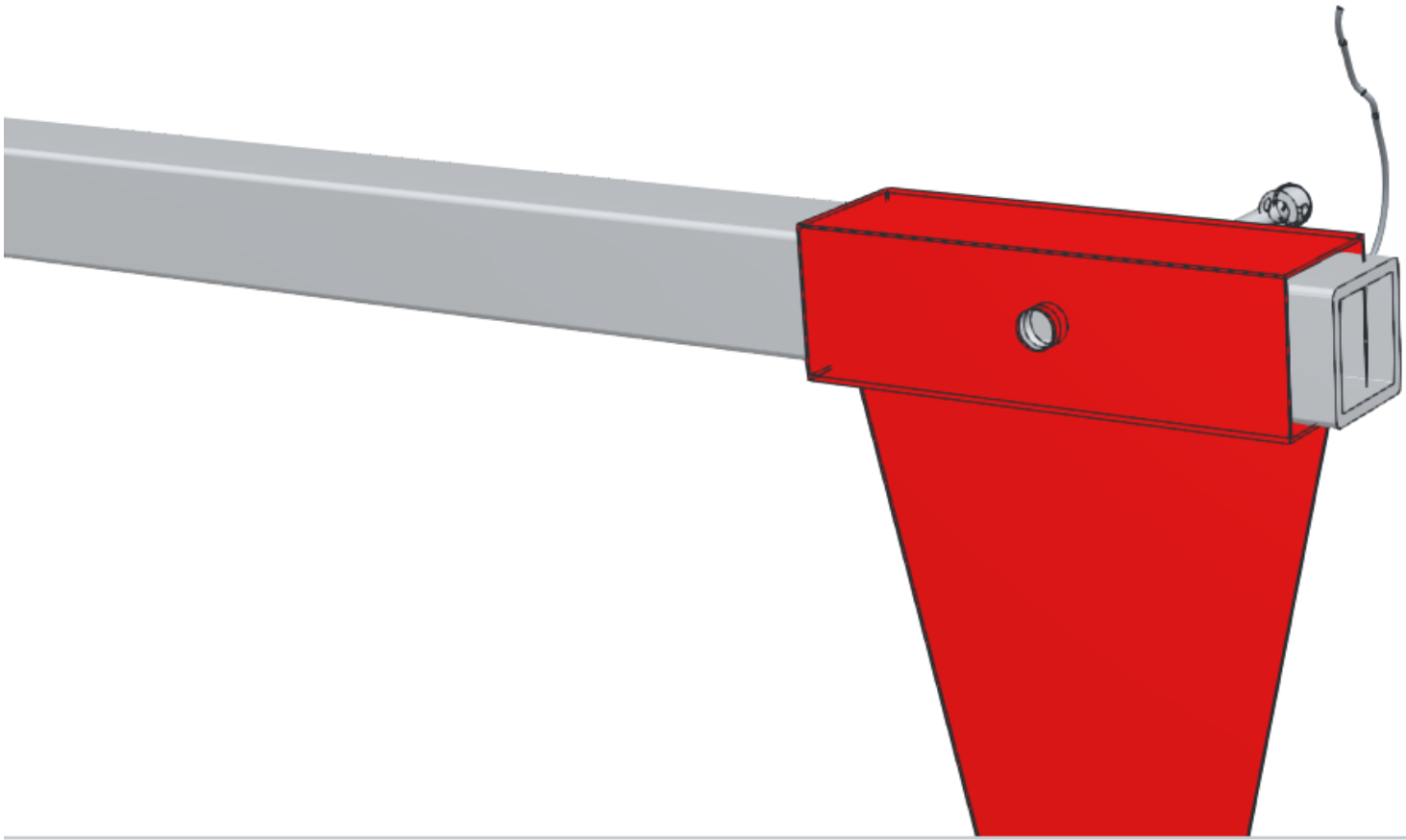
5.6 Done

The barrier closed: the retracted actuator holds the arm just above the notch.



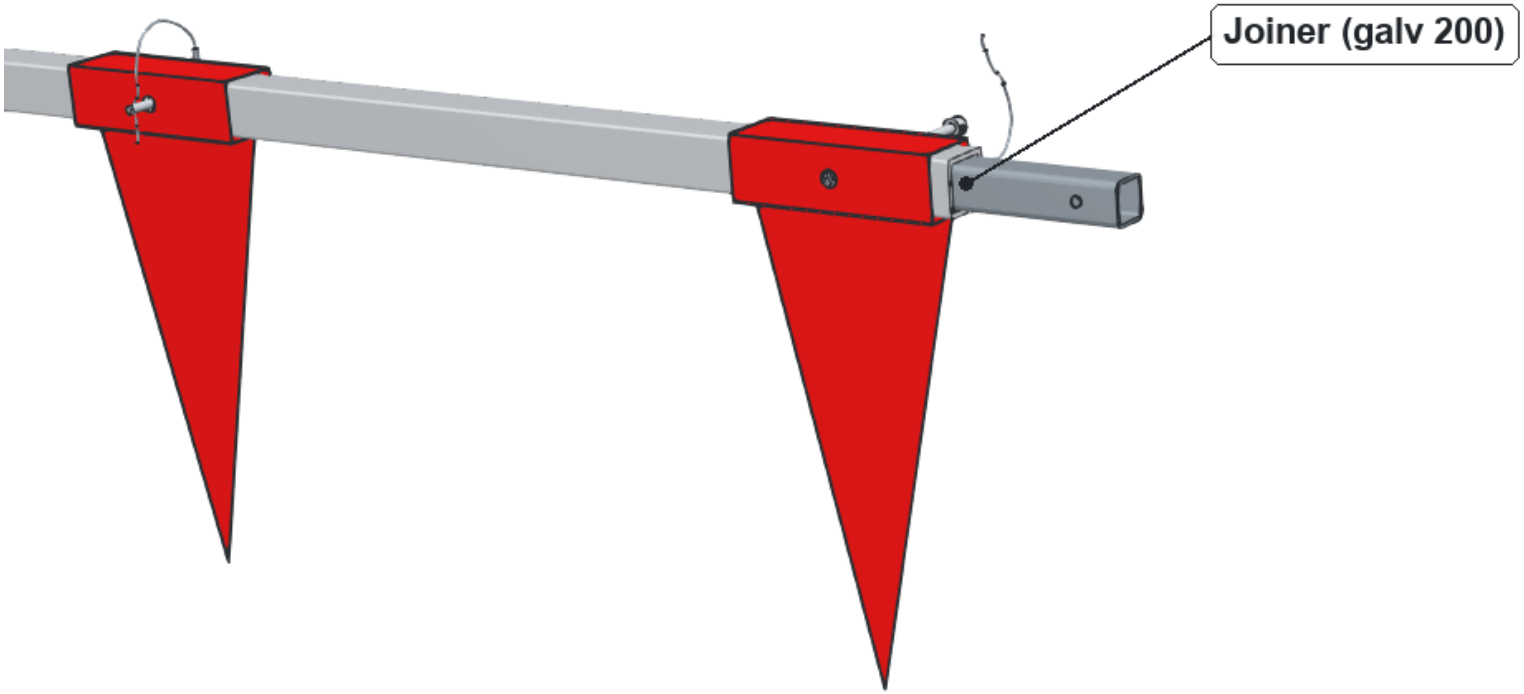
6.1 The extension arm (optional)

A joiner, half an arm and one more flag make the arm 830 mm longer. Fit them with the barrier closed.



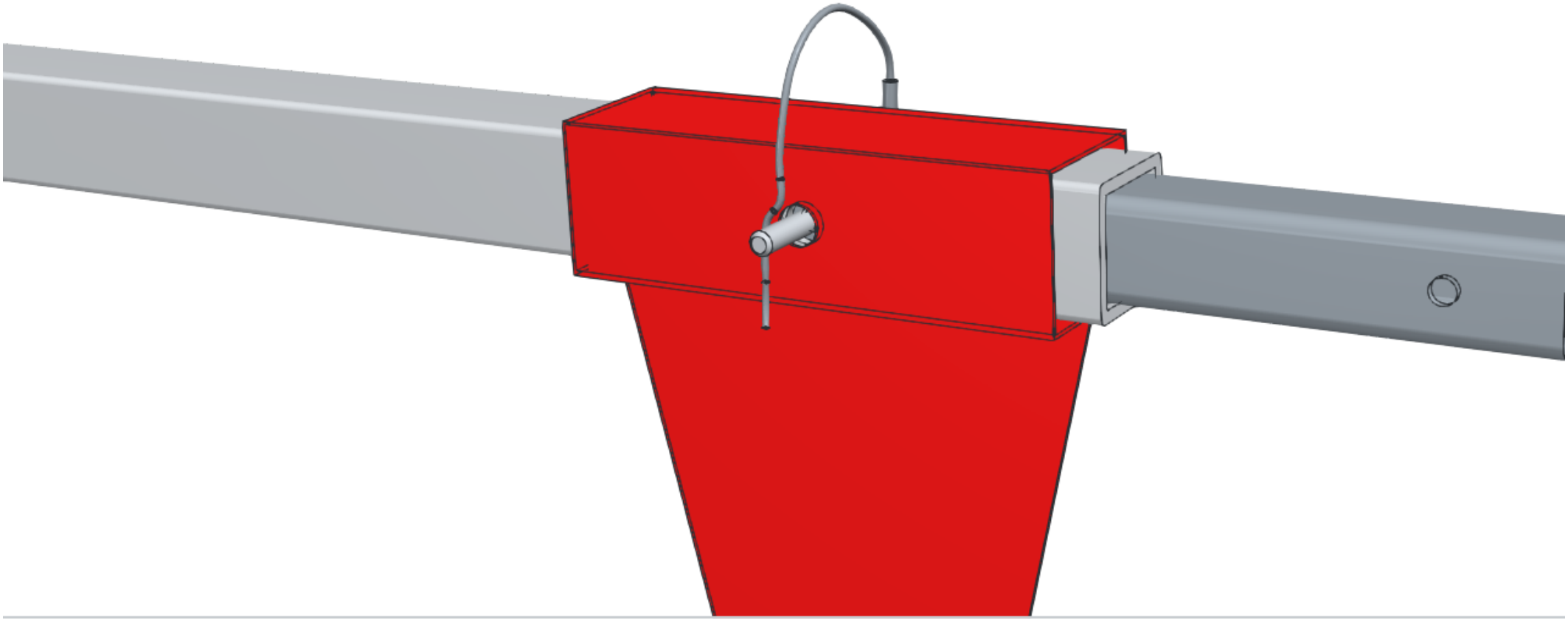
6.2 The end flag's pin out

At the arm's far end, unclip the wire and pull pin 2 out. Leave the flag over the hole.



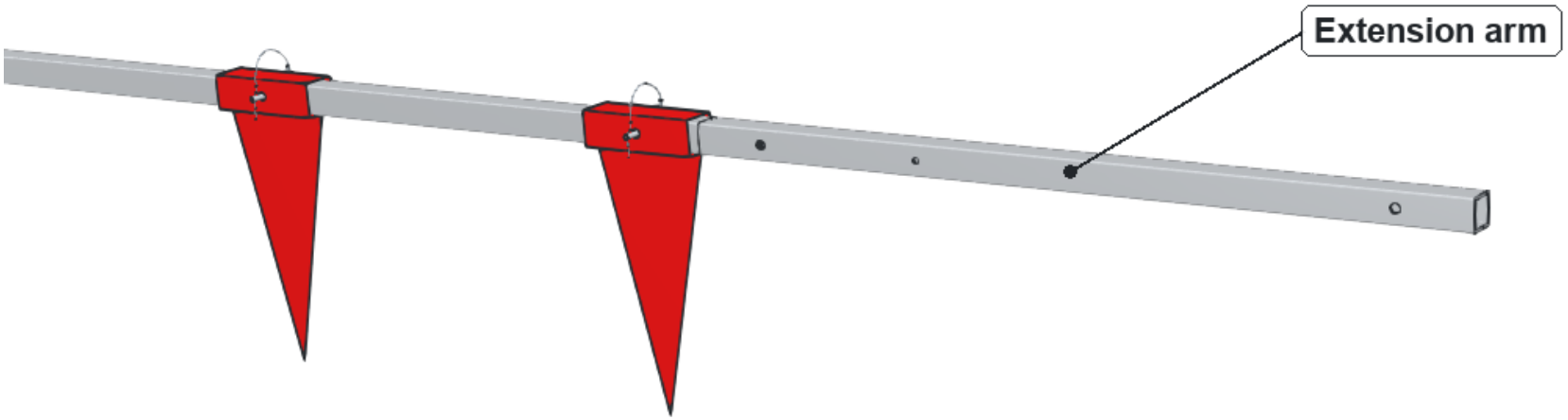
6.3 The joiner into the arm

Slide the galvanised joiner into the arm's end until its first hole meets the arm's end hole. Half stays out.



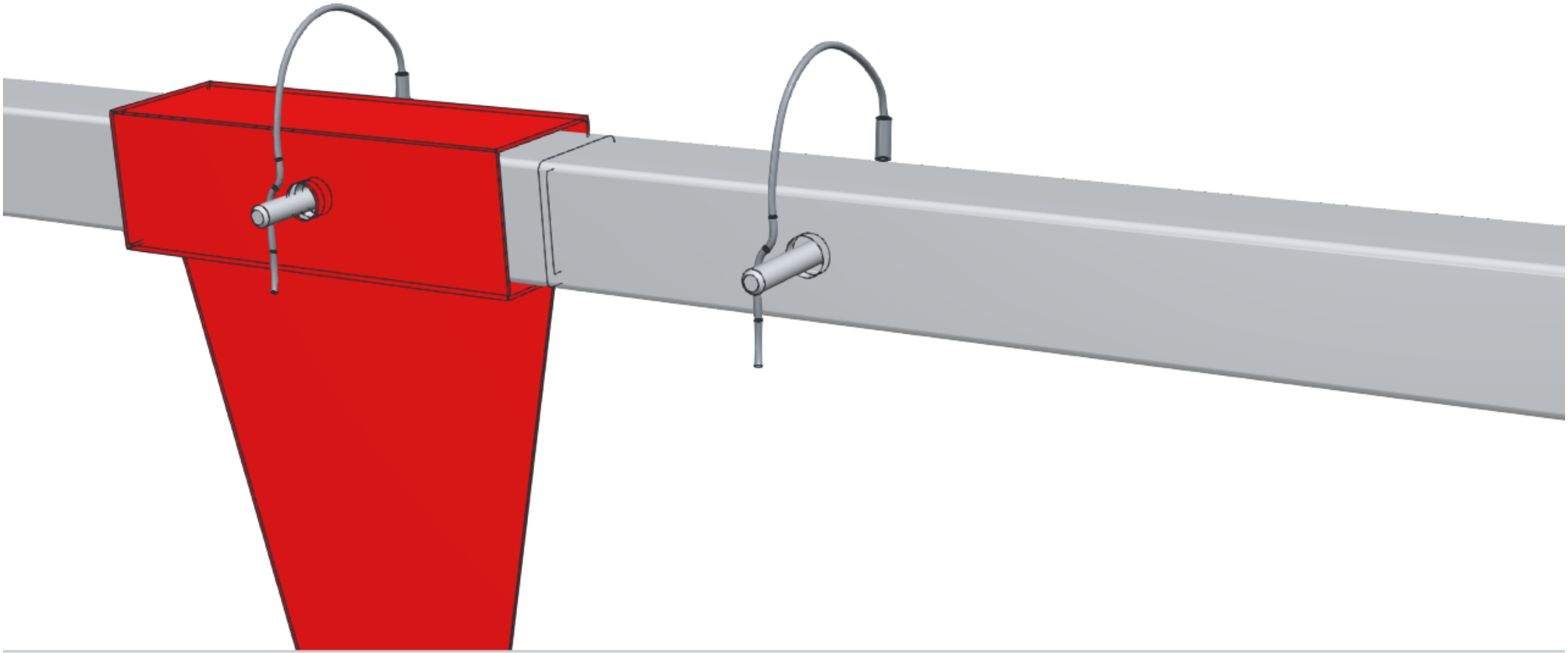
6.4 Pin 2 back in

Through the flag, the arm and the joiner, then clip the wire over its end.



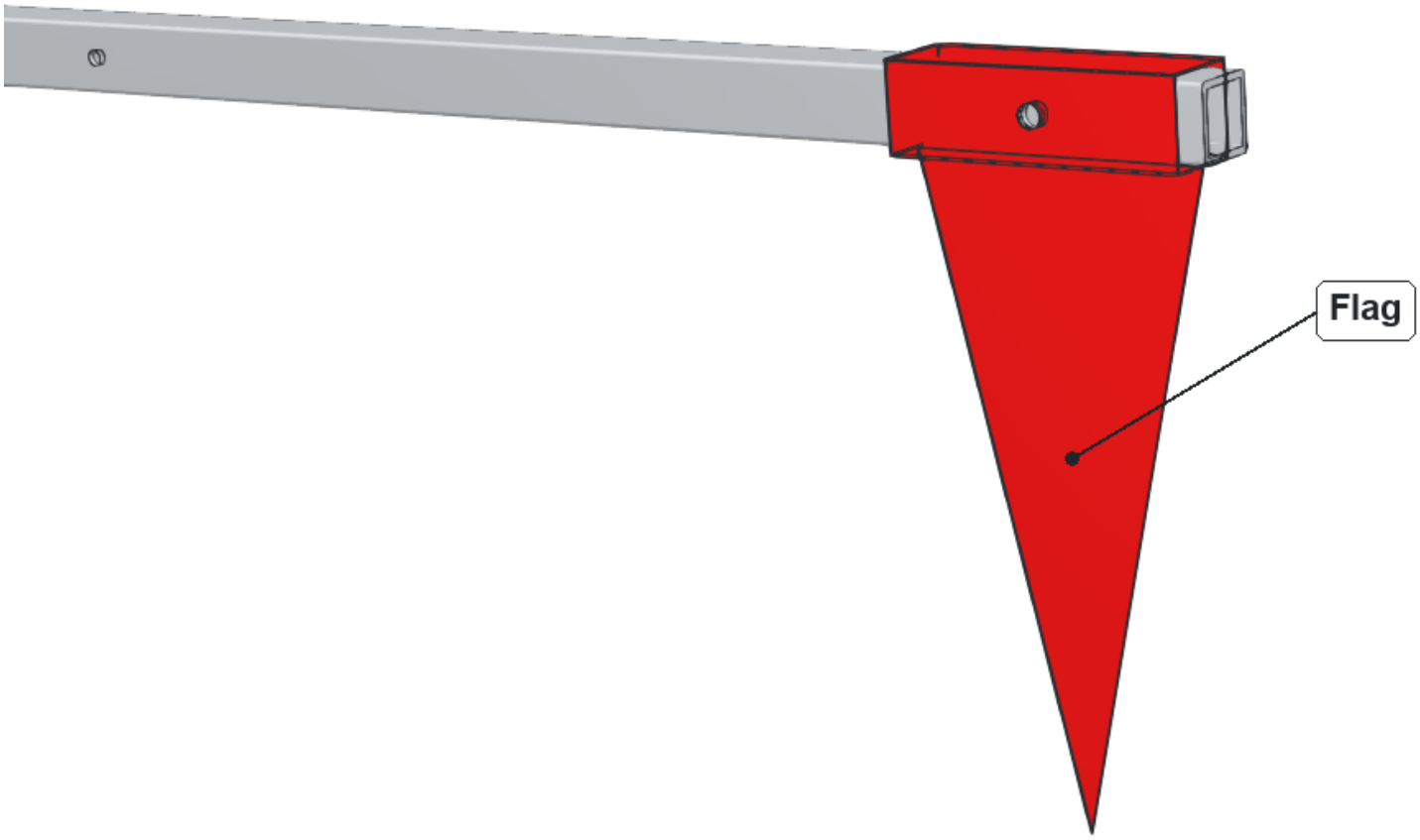
6.5 The extension arm onto the joiner

Slide it over the joiner, cut end first, until the two arms meet and the holes line up.



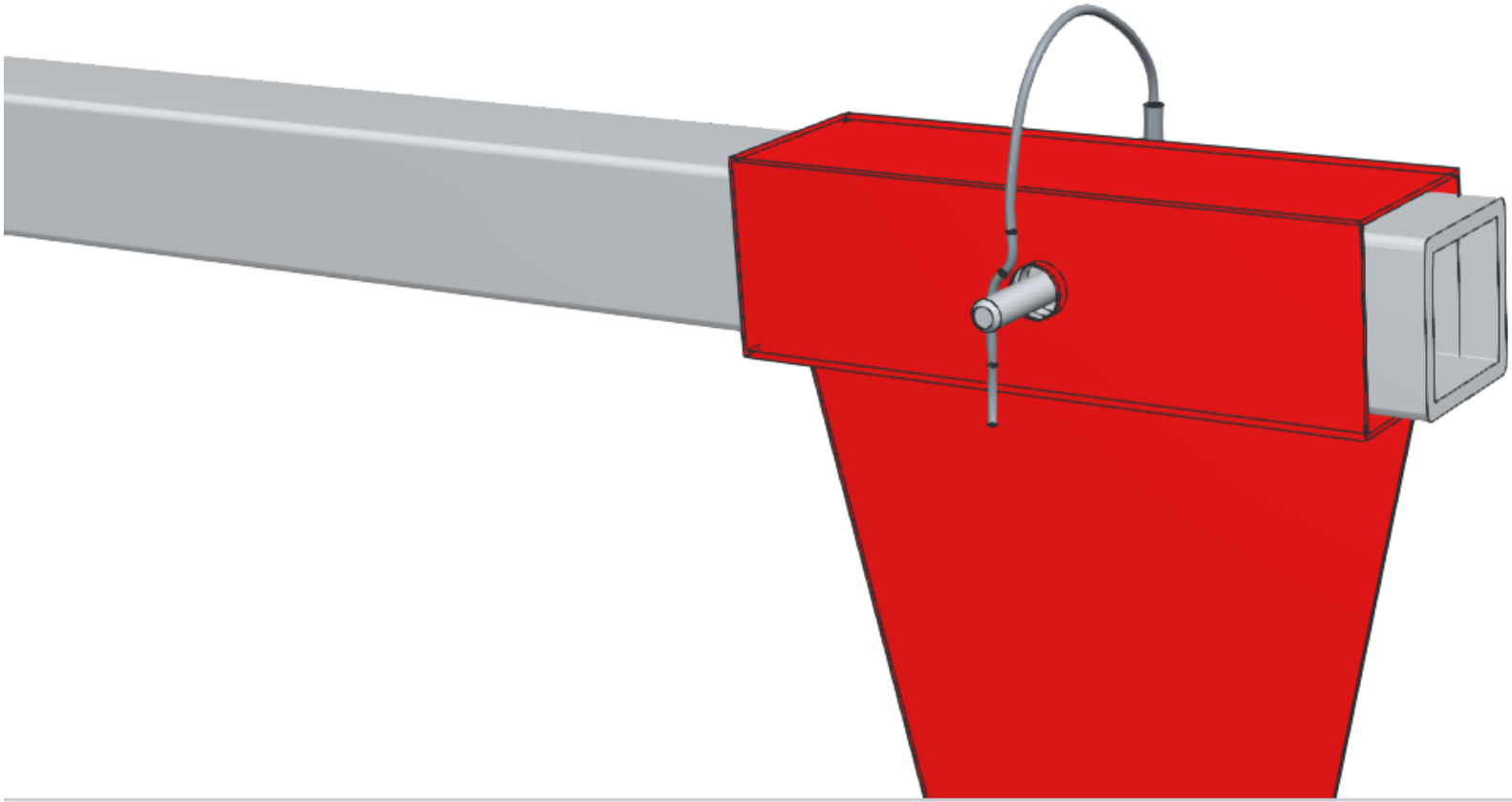
6.6 Pin 2

Through the extension arm and the joiner, then clip the wire over its end.



6.7 A flag on the extension's end

Slide it on from the far end to the Ø10 hole.



6.8 Pin 2

Push it through the flag and the arm, then clip the wire over its end.



6.9 Done

The barrier closed, with its extension arm.