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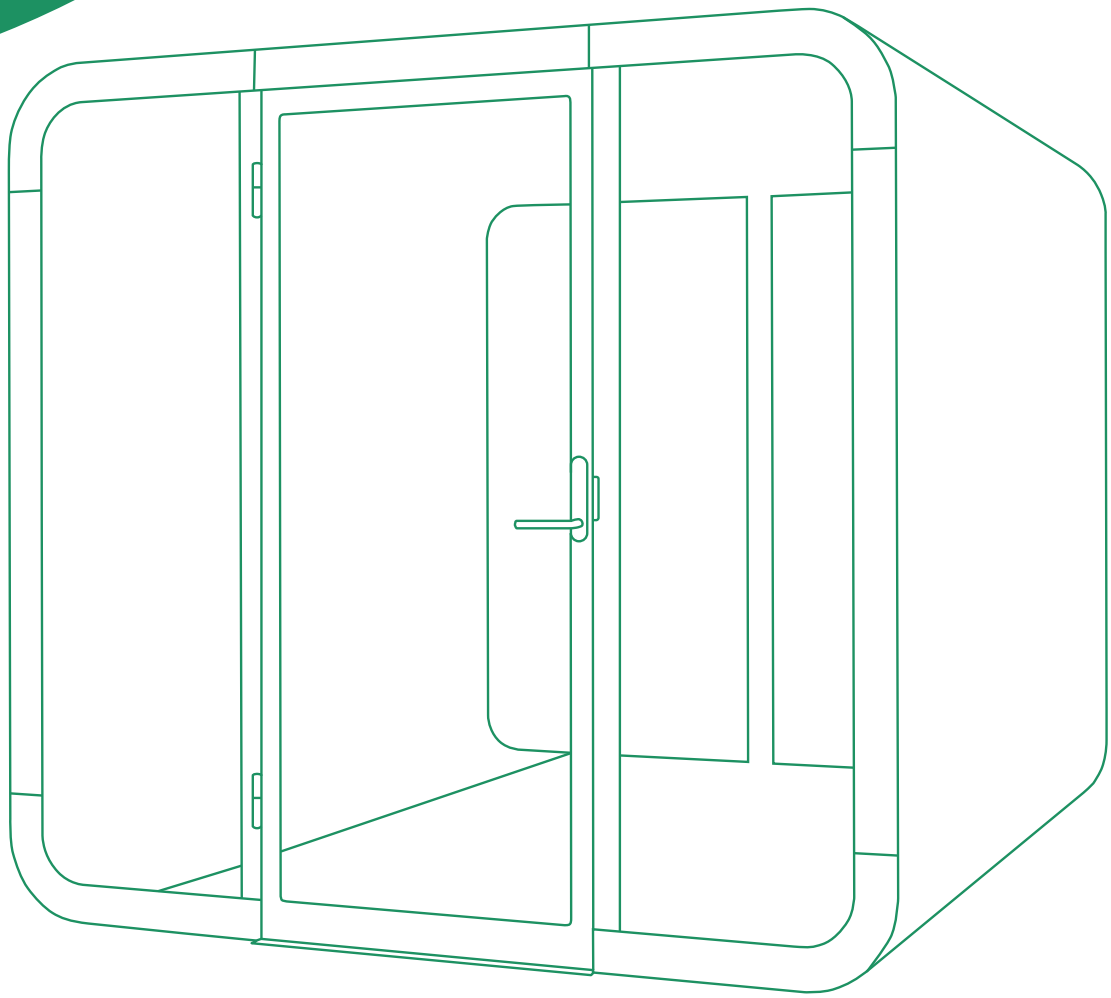
SERIOUS ABOUT HAPPINESS



Framery 2Q

Fire safety

English

Version 2.0

Tampere, Finland 21.4.2021

Contents

1 Install the fire alarm..... 5

2 Install the fire suppression system..... 12

2.1 Prepare the installation..... 12
2.2 Install the mounting rails..... 15
2.3 Install the cylinder and sprinkler..... 17

1 Install the fire alarm

You can install wireless or wired fire alarms.

Note: The maximum recommended screw size is 5x25.

If you intend to install a wireless fire alarm, there are four areas in the pod where you can install the alarm. The sizes of the installation areas for the wireless alarm are:

1. 800 mm x 160 mm (31 1/2 in x 6 5/16 in) in the left corner at the back of the ceiling
2. 700 mm x 160 mm (27 9/16 in x 6 5/16 in) in the right corner at the back of the ceiling
3. 400 mm x 160 mm (15 3/4 in x 6 5/16 in) in the left corner at the front of the ceiling
4. 400 mm x 160 mm (15 3/4 in x 6 5/16 in) in the right corner at the front of the ceiling

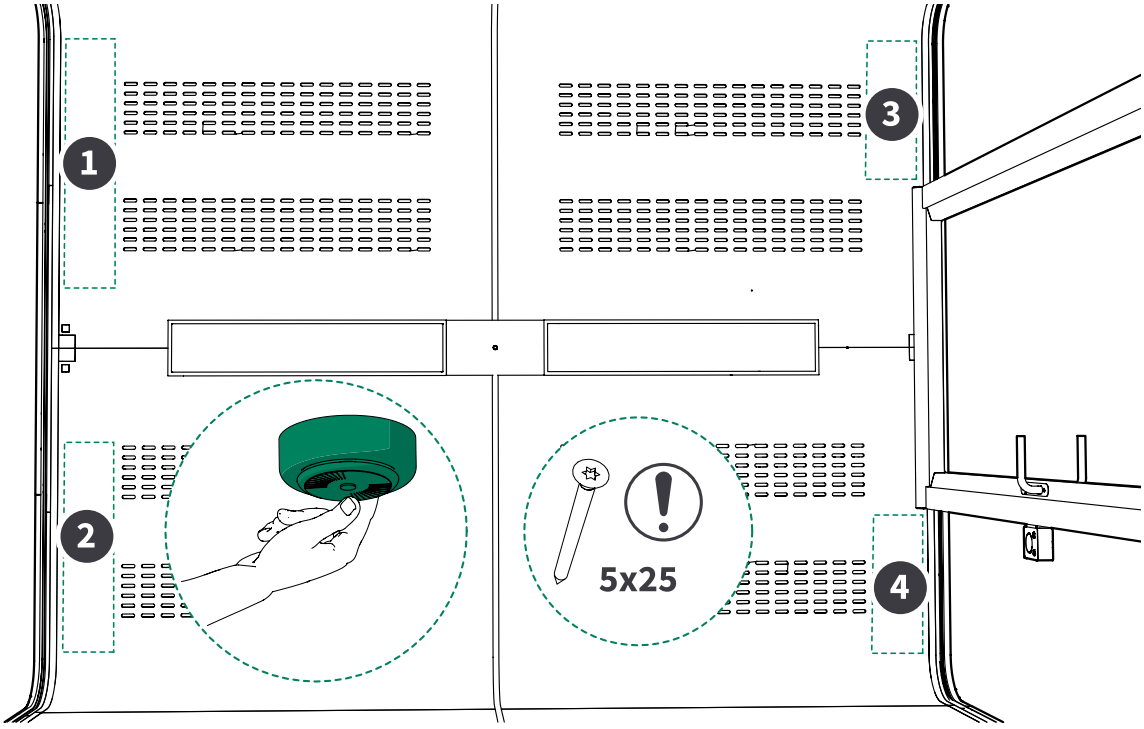


Figure 1: Installation areas for a wireless alarm

If you intend to install a wired alarm, there is one area at the back of the pod where you can install the alarm. The size of the installation area at the center back of the ceiling is 280 mm x 170 mm (11 in x 6 11/16 in).

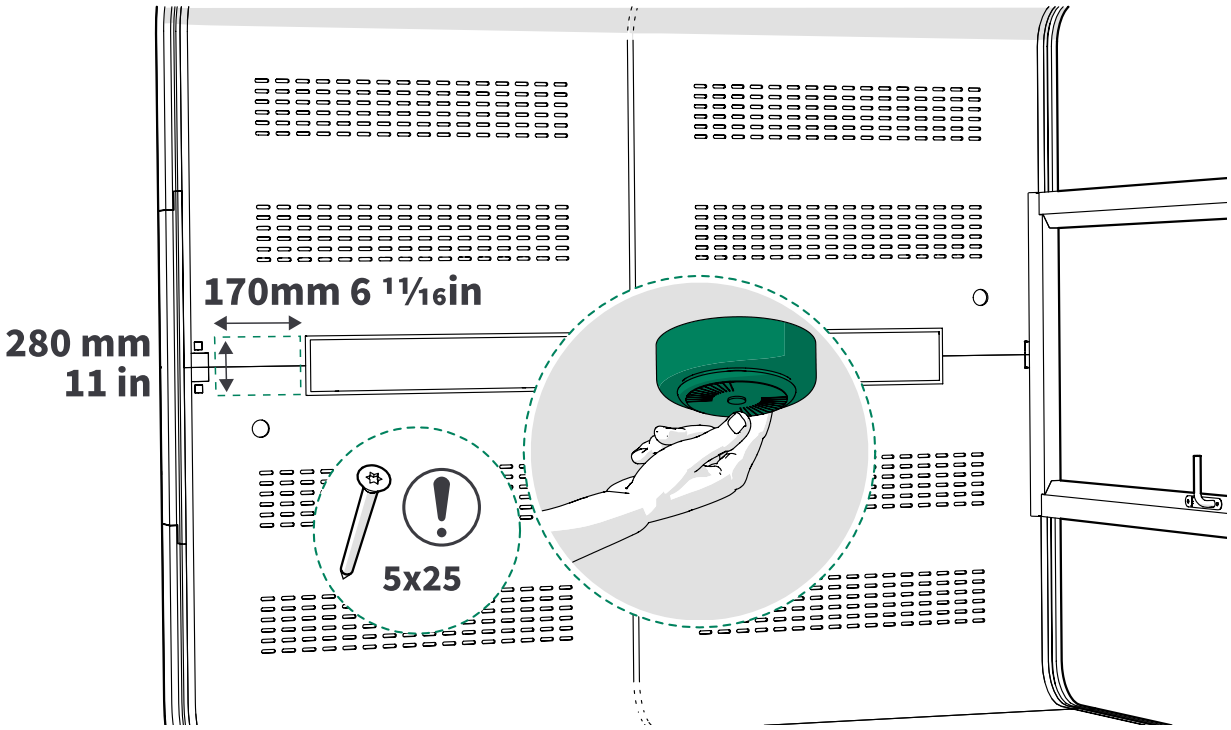
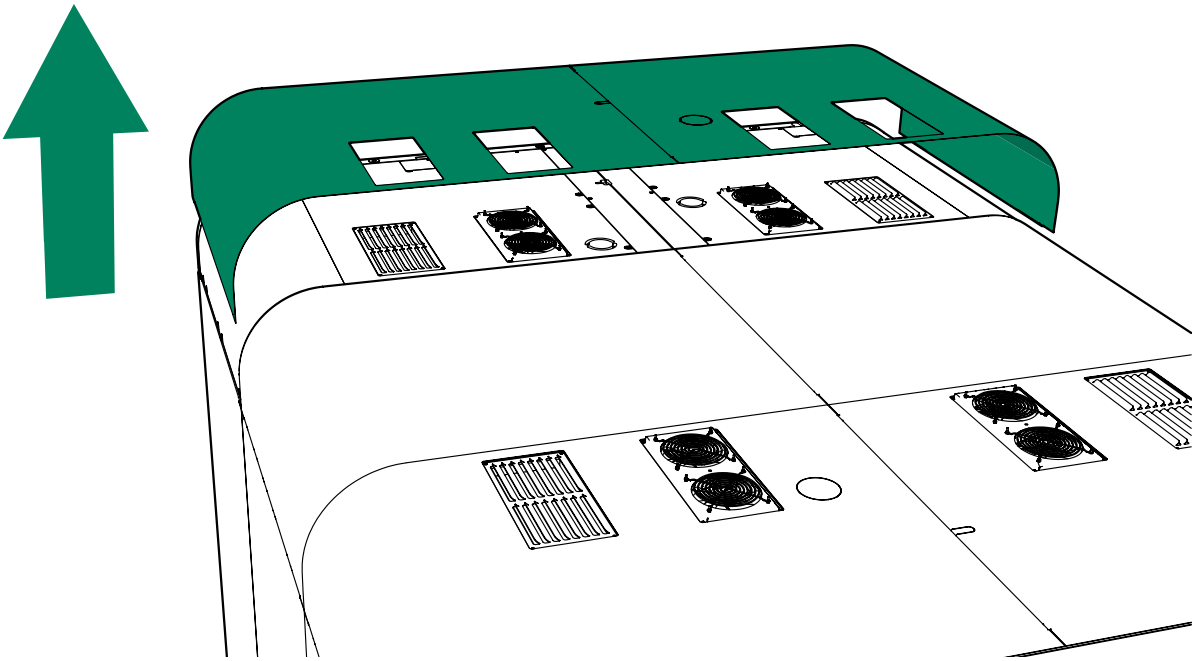


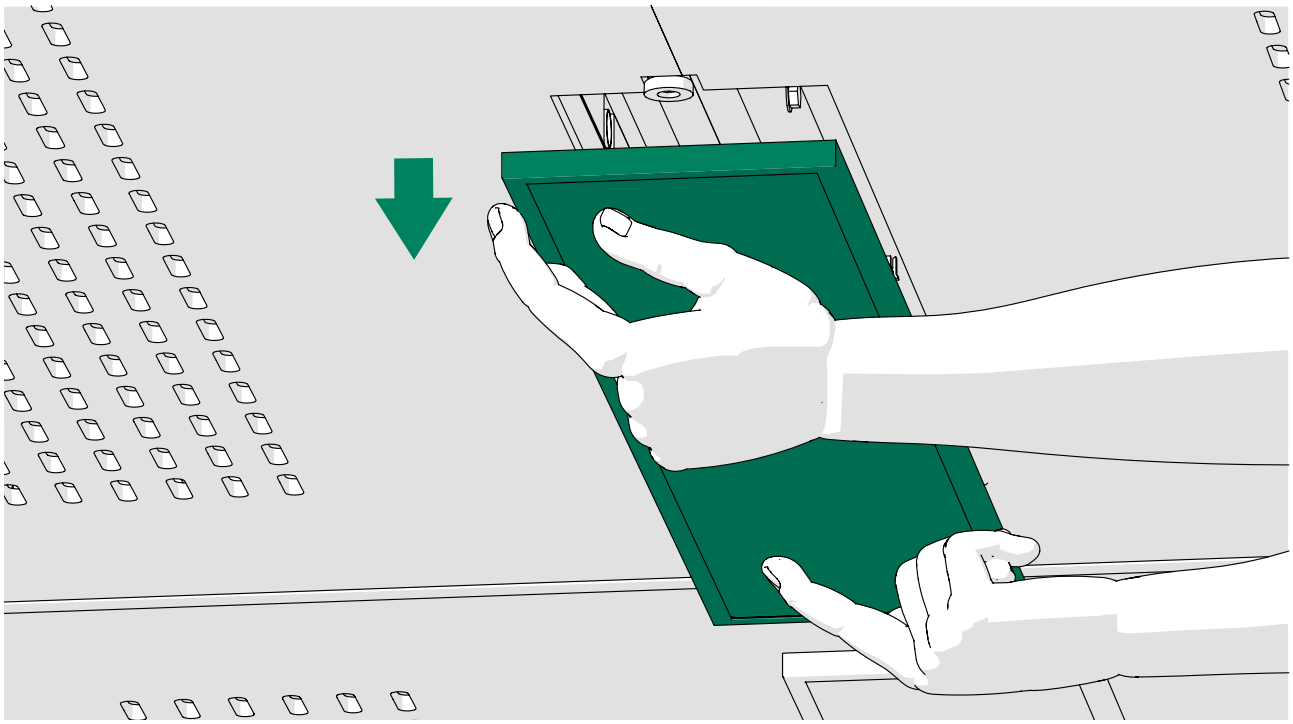
Figure 2: Installation area for a wired alarm at the center back of the ceiling.

If you intend to install a wired alarm, follow these instructions.

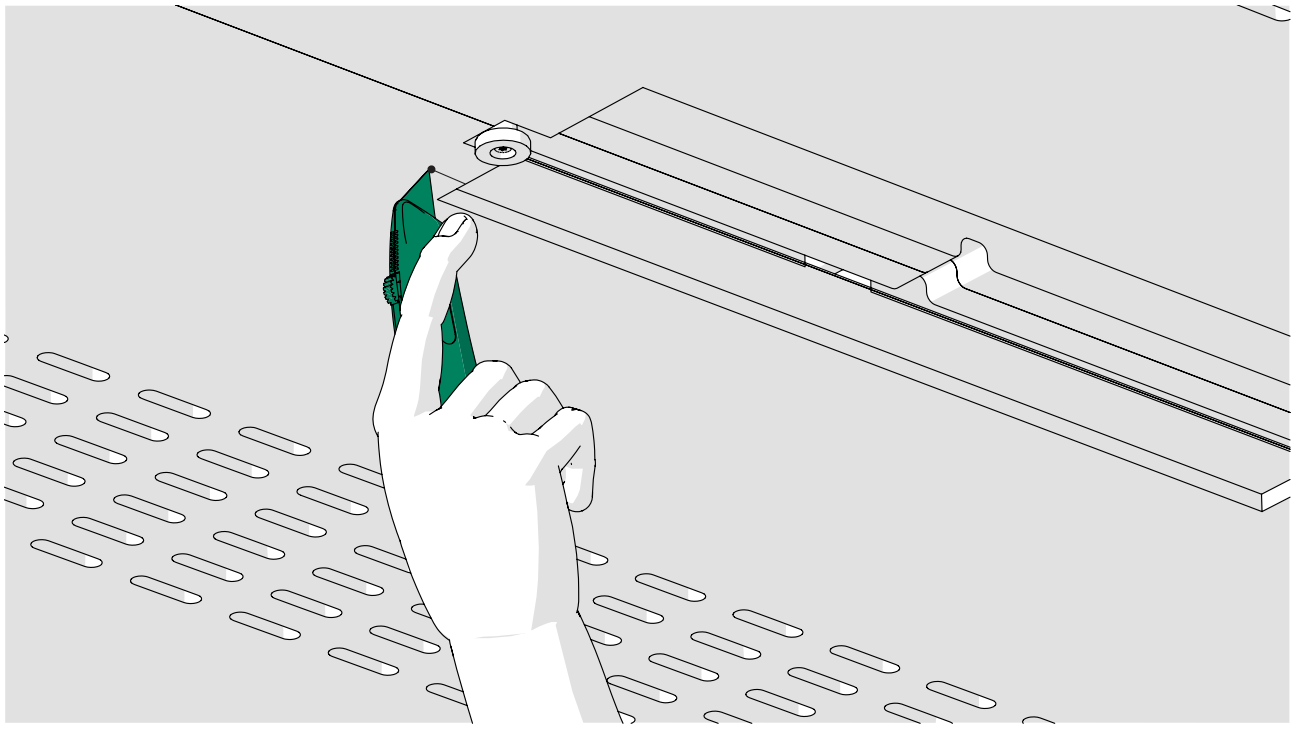
1. Remove the roof body covers at the back of the pod.



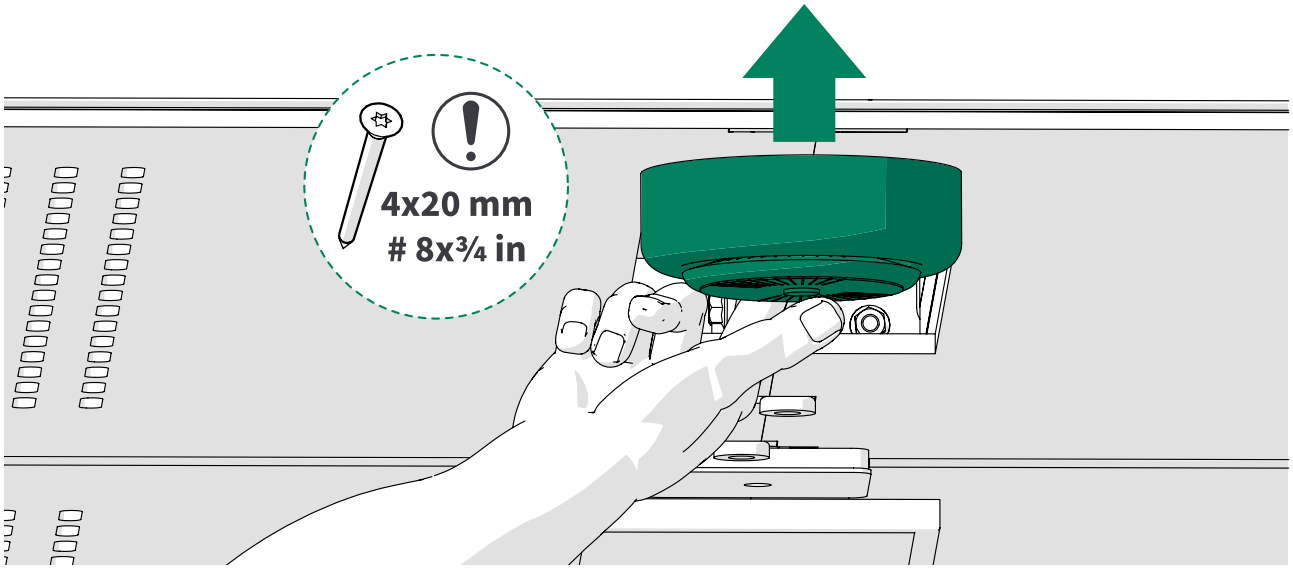
2. Remove the light.



3. Cut a notch in the ceiling felt under the light at the back of the pod for the electrical wiring. Use a utility knife.

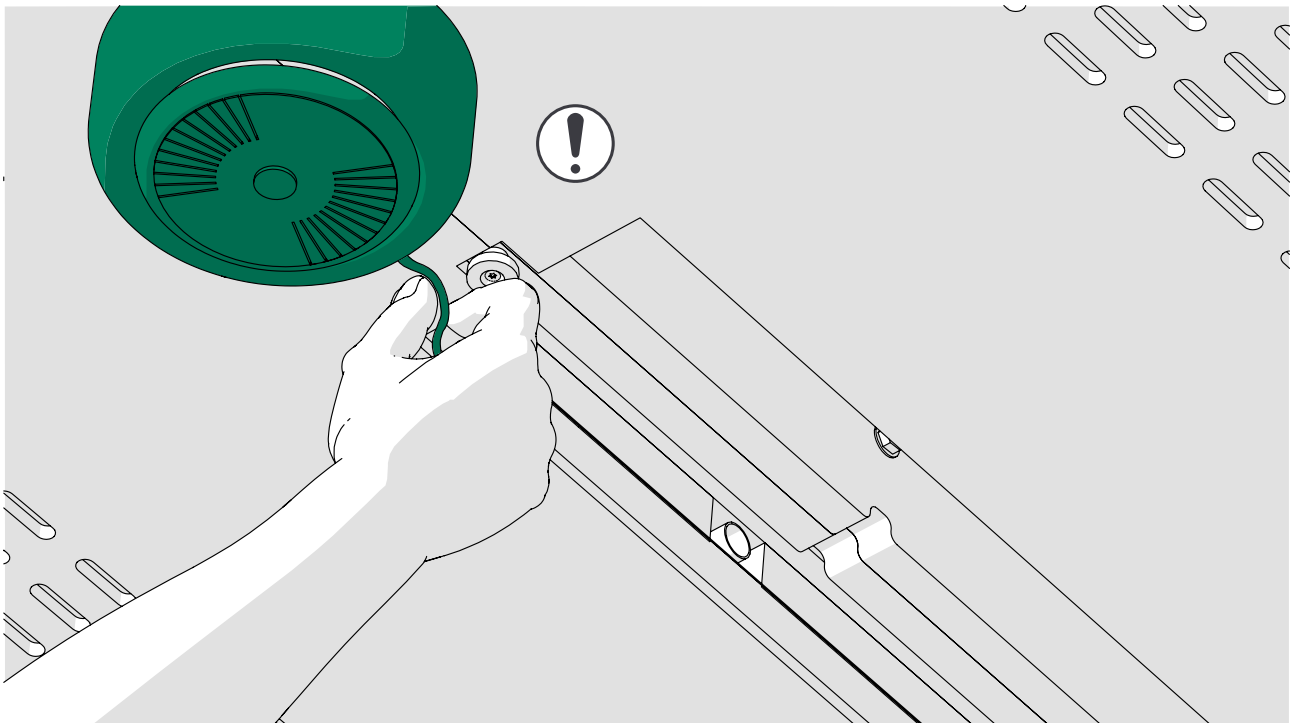


4. Install the fire alarm with 4x20 mm (#8 x ¾ in) screws through the ceiling felt.

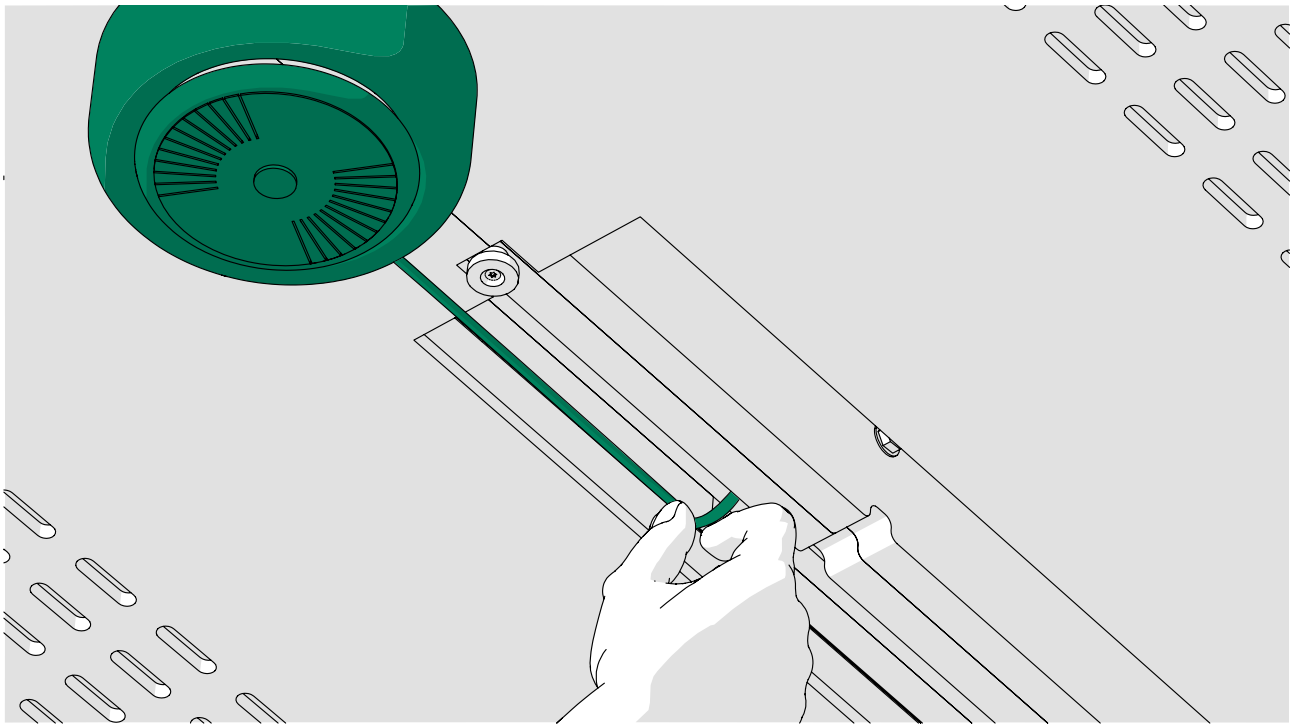


5. Guide the electrical wiring for the fire alarm through the notch.

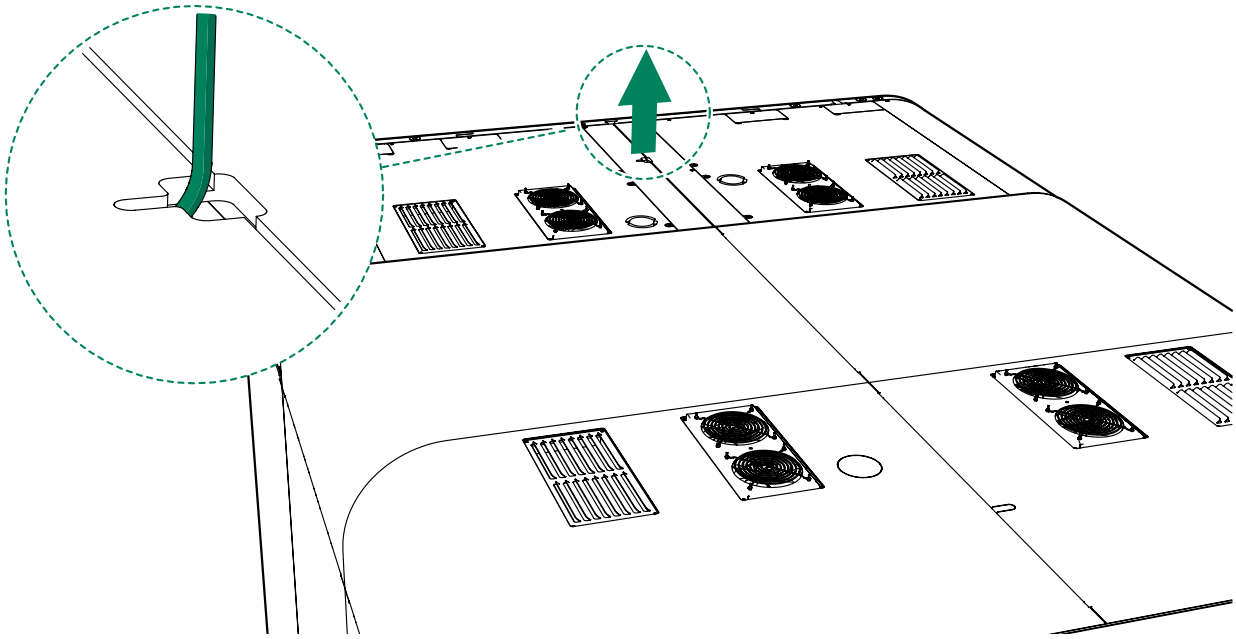
Note: Make sure that the wiring can move freely and that it is not stuck between the edge of the light and the ceiling felt.



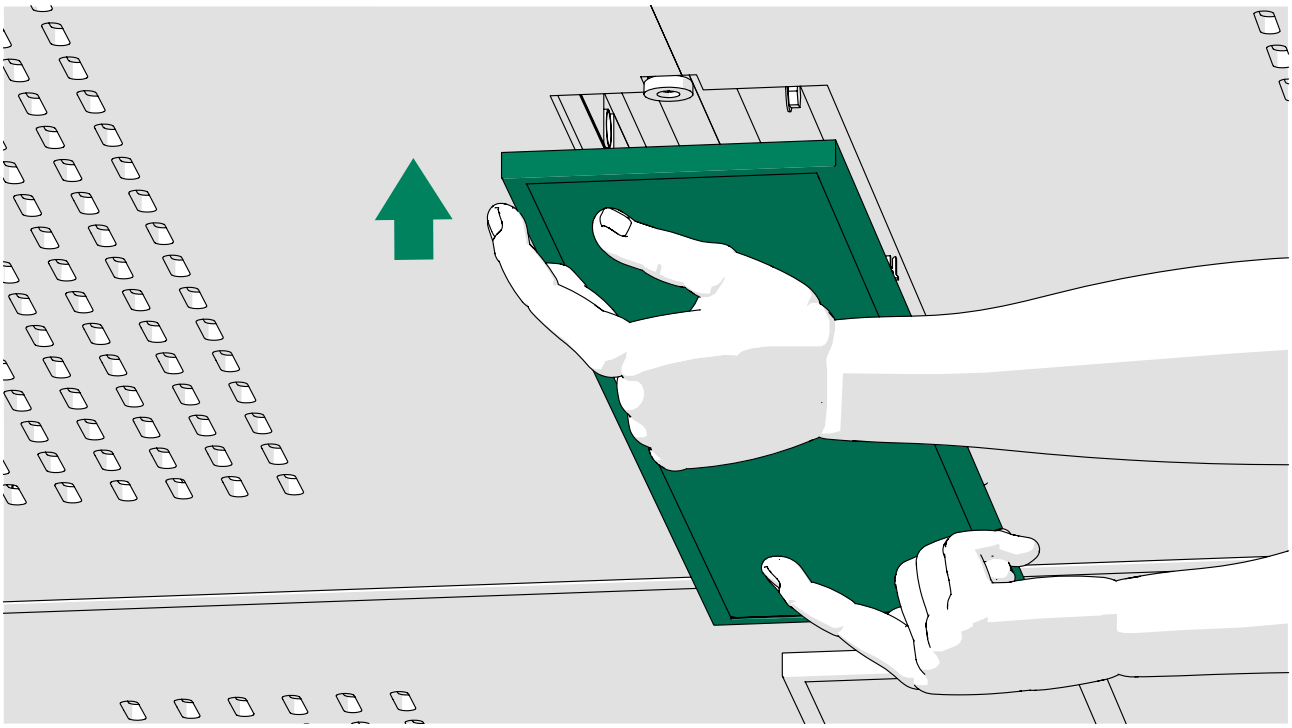
6. Guide the electrical wiring under the light.



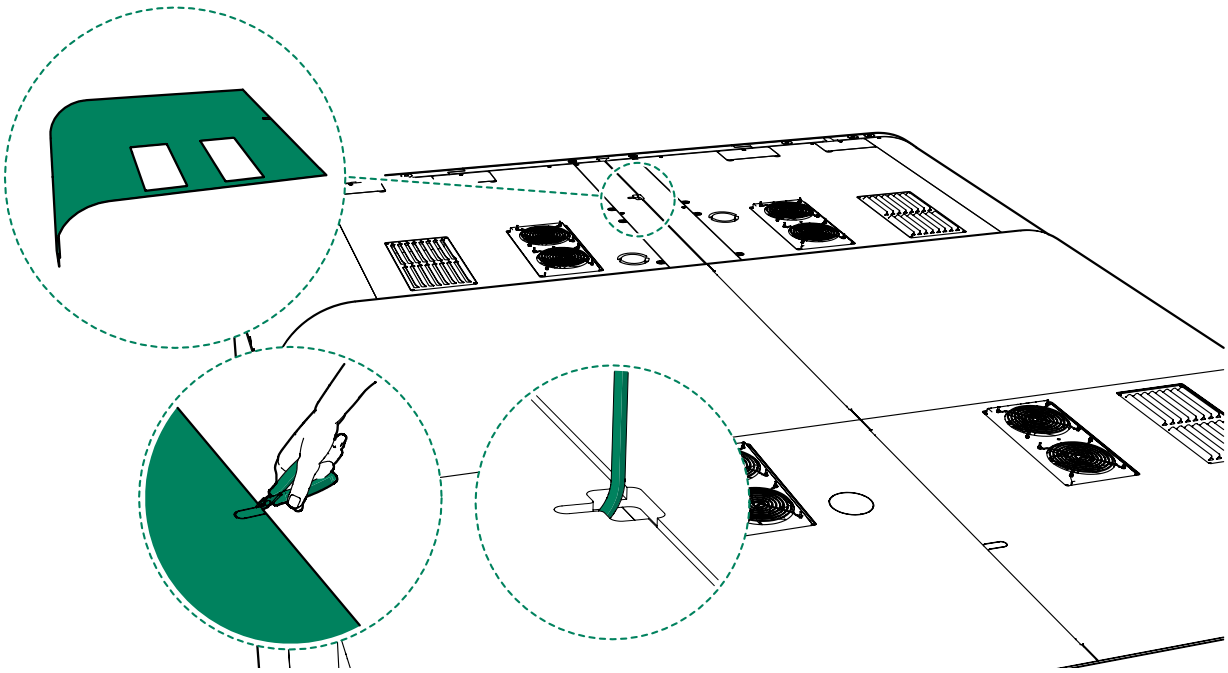
7. Guide the electrical wiring out of the hole in the roof cover panel.



8. Reinstall the light.



9. Cut a notch in the roof cover panel for the electrical wiring.



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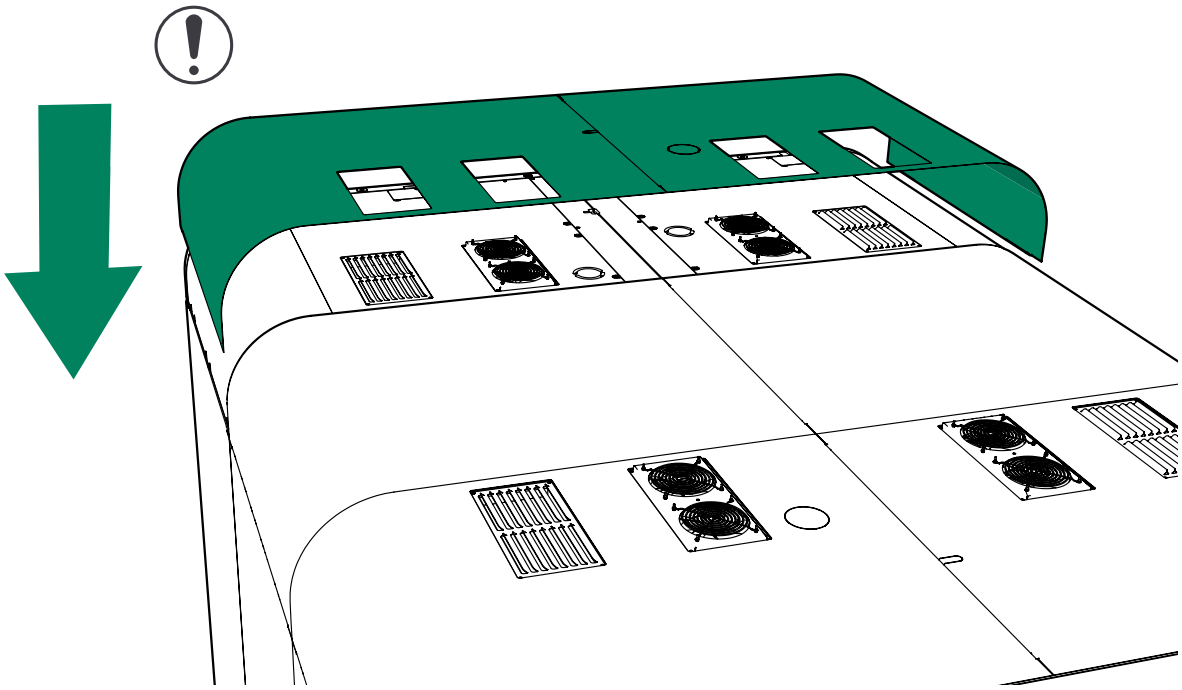
10. Reinstall the roof body covers.
For more information, see Installation instructions.

Note: Make sure the electrical wiring is not damaged during the installation.



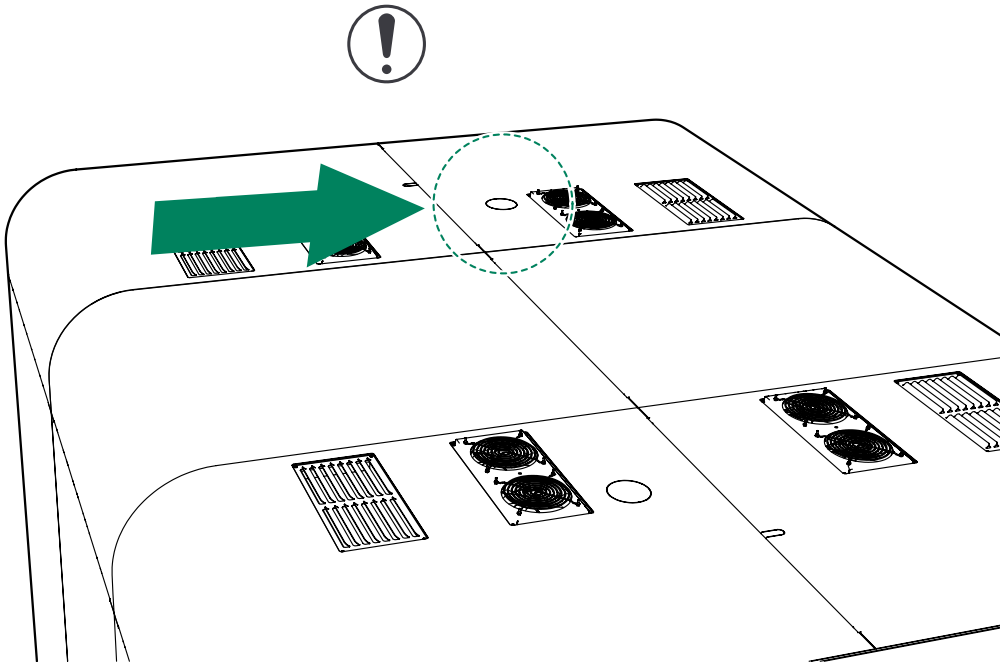
2 Install the fire suppression system

Note: To install the piping, see the sprinkler manufacturer's instructions.

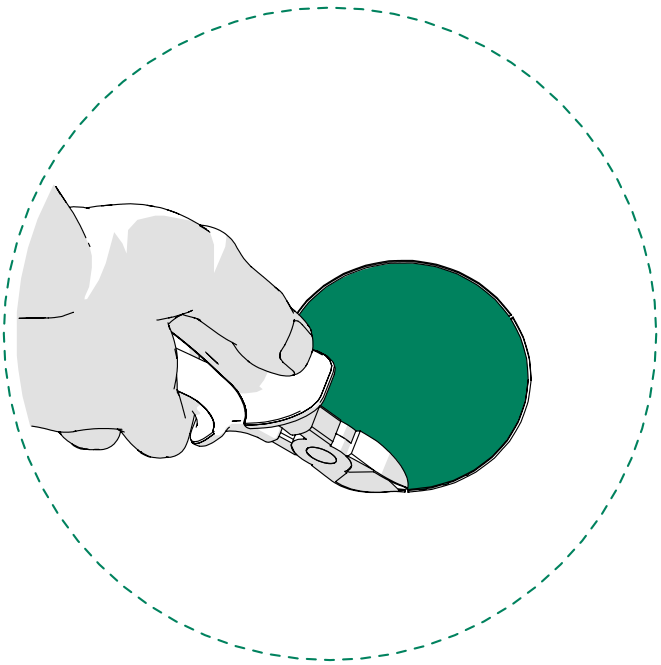
2.1 Prepare the installation

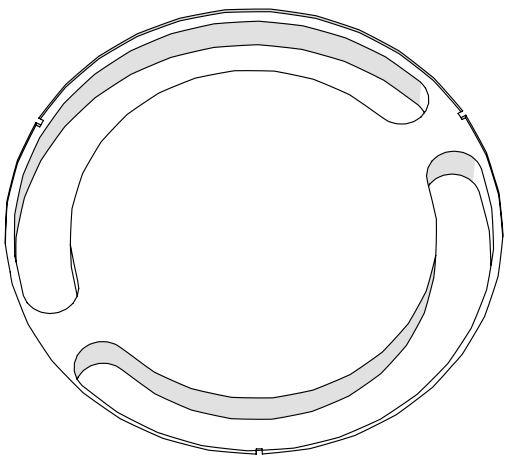
Install the sprinkler at the back of the pod.

Note: Use the hole at the back of the pod.

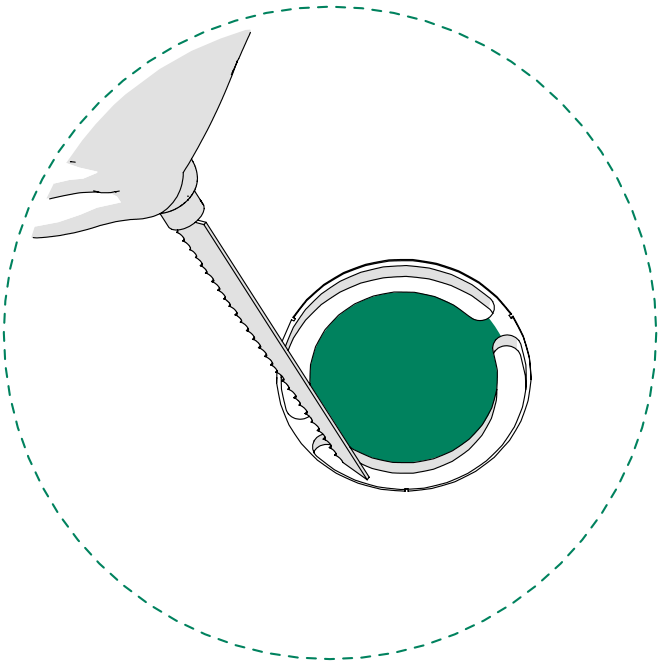


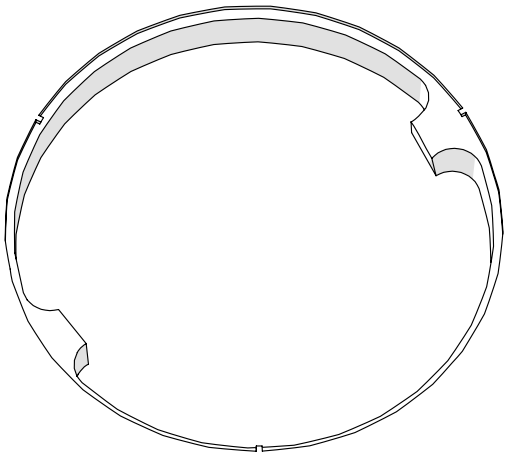
1. Cut away the flap on the sheet metal surface plate. Use side cutters.





2. Cut away the flap on the plywood plate. Use a key saw or a 83 mm (3 ¼ in) hole saw.

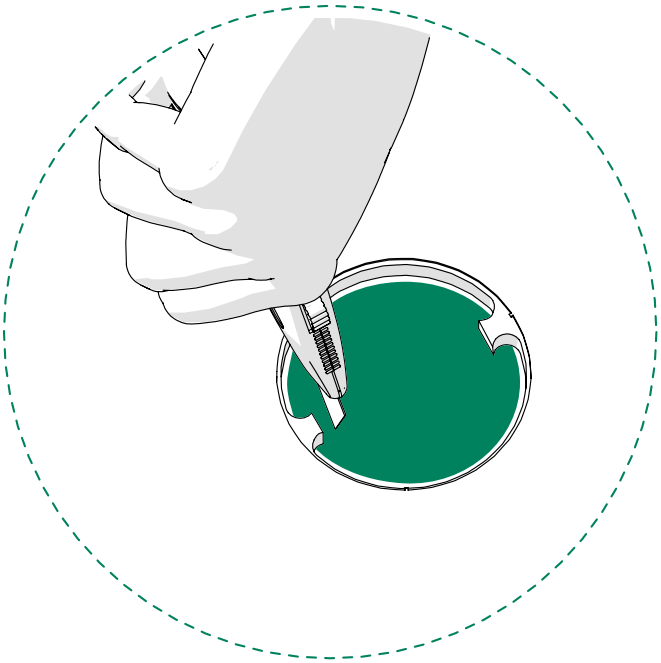


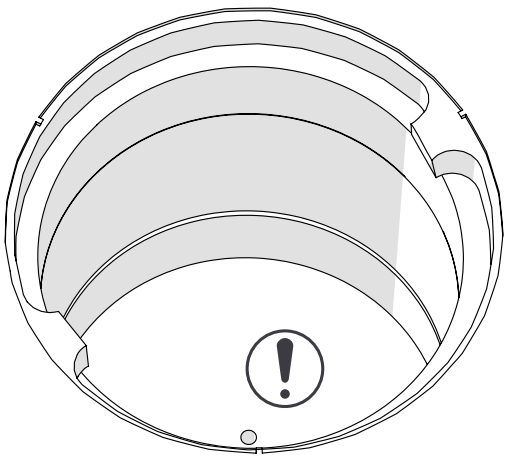


3. Cut the three layers of acoustic material for leading a pipe through them. Use a utility knife or a 70-80 mm (3 1/3 in) hole saw.

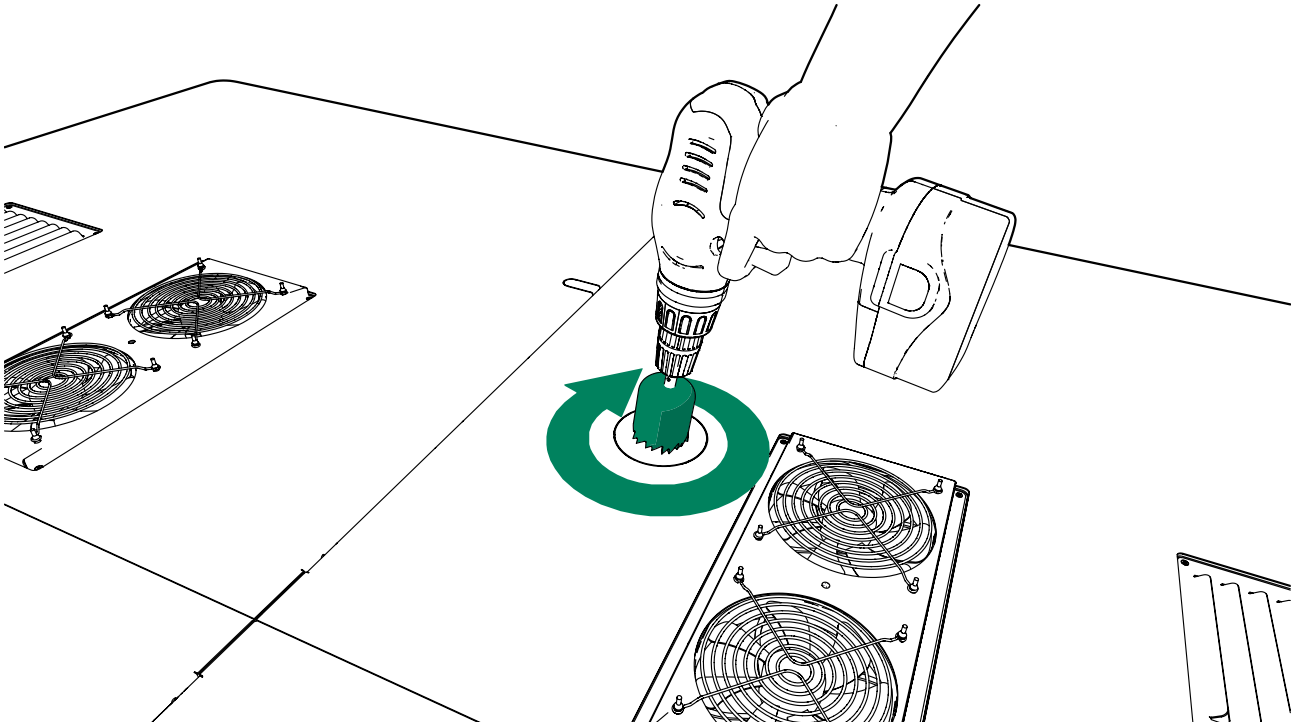
Note: Leave the ceiling felt intact.

Note: Use snippers to remove the inner sheet metal from between the acoustic panels.

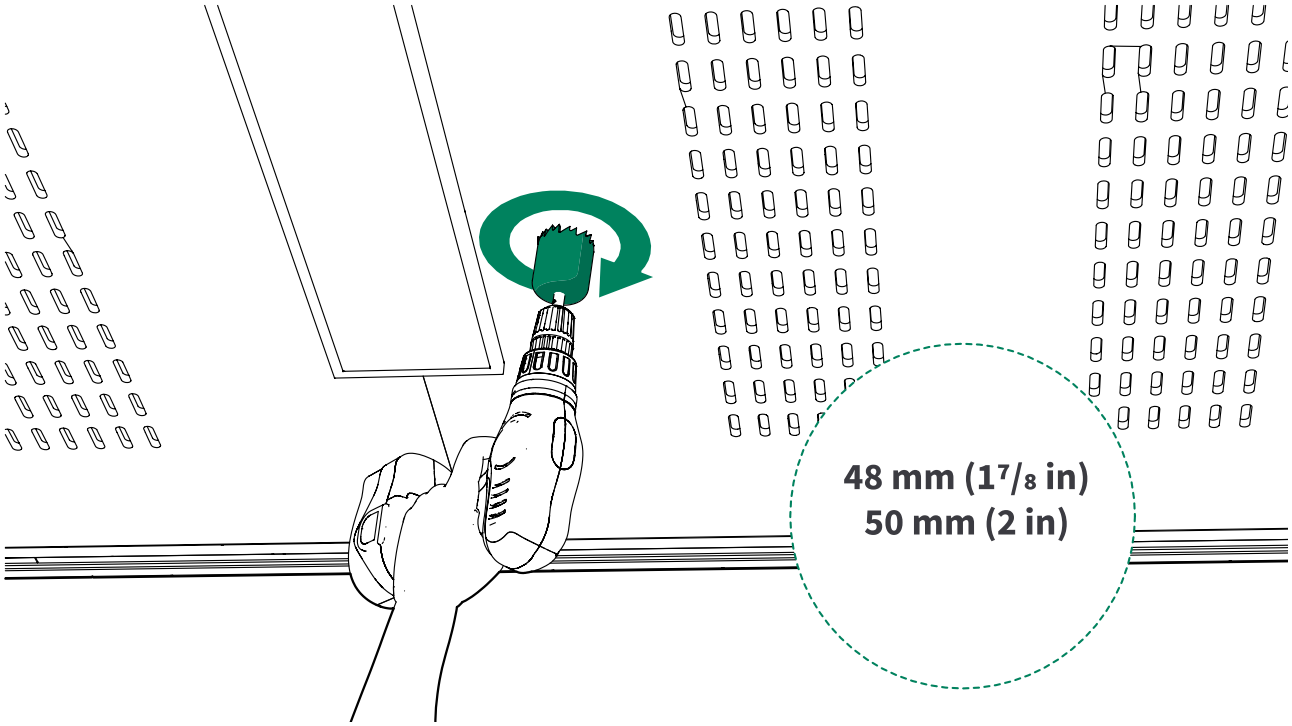




4. Drill a pilot hole through the ceiling felt from above.



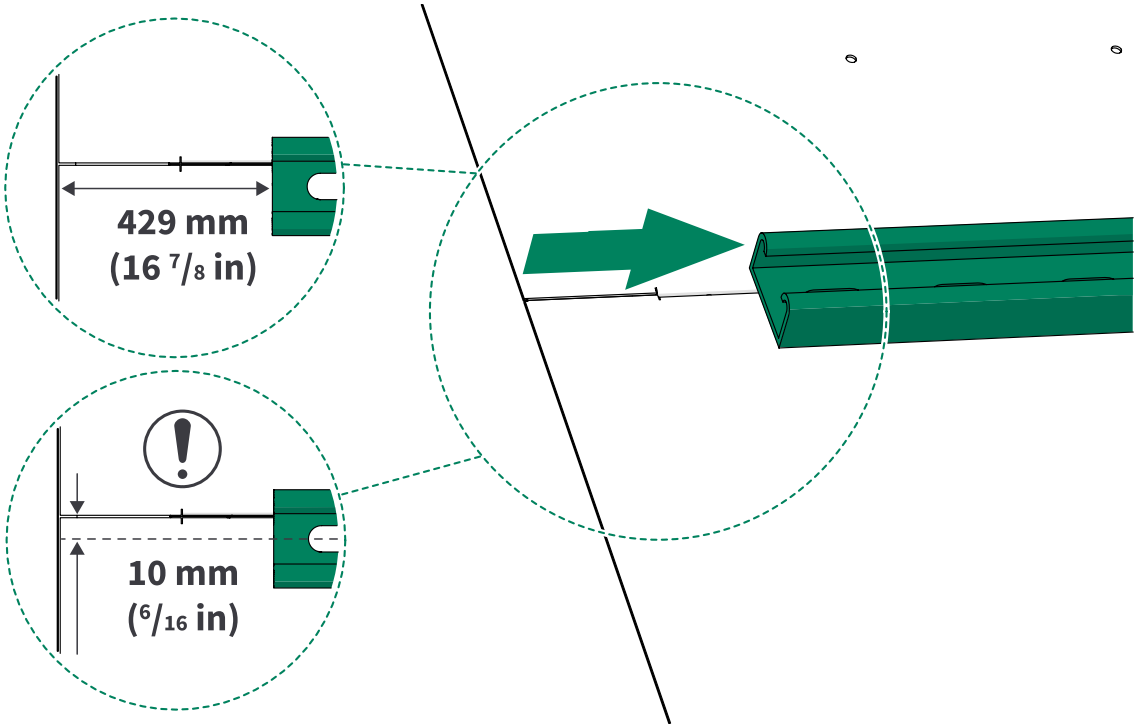
5. Cut out the partially precut circle in the ceiling felt for the sprinkler head from the inside of the pod. Use a 48 mm (1 7/8 in) or 50 mm (2 in) hole saw. You can also use a utility knife.



2.2 Install the mounting rails

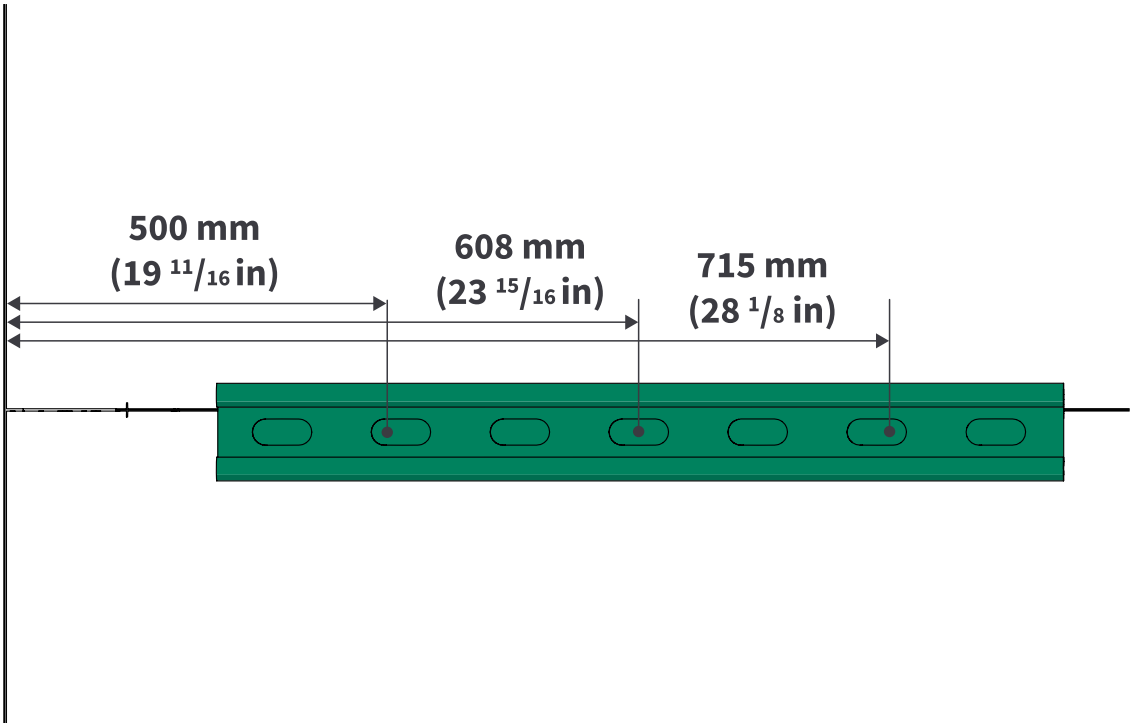
1. Measure the end of the first mounting rail 429 mm (16 7/8 in) from the back edge of the roof.

   Note: Place the mounting rail at 10 mm (6/16 in) from the center of the roof. Use the body cover center line as the midpoint reference.

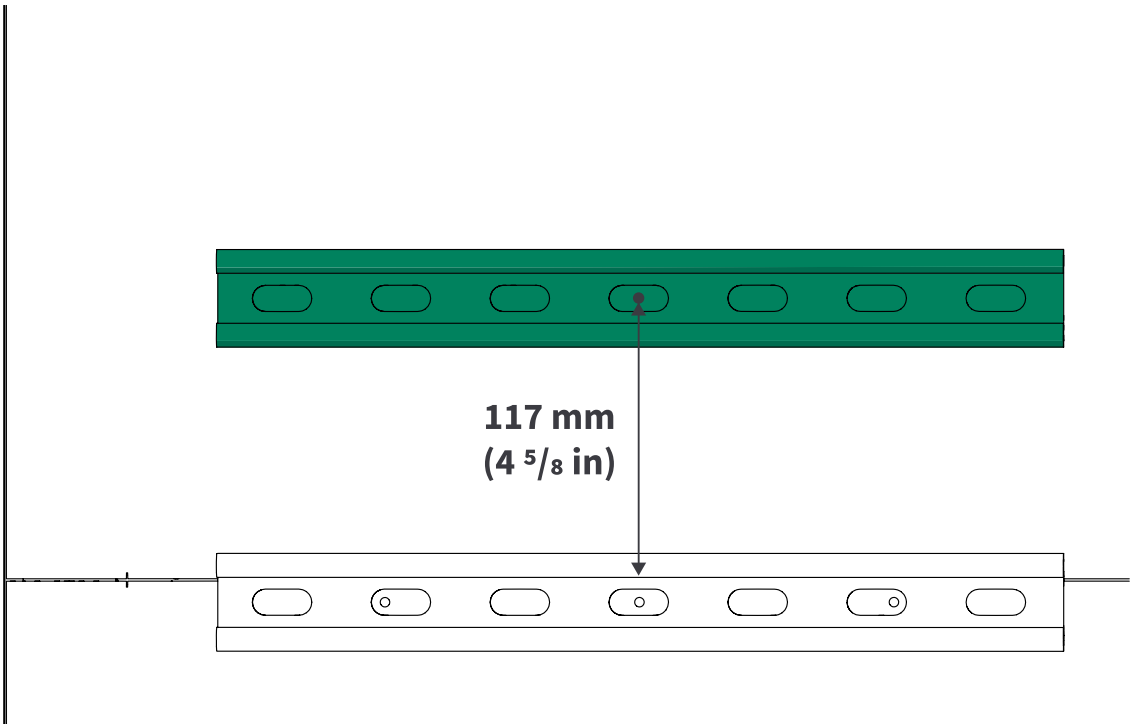


2. Mark three places for screw holes on the roof body cover.

   Mark the first screw at 500 mm (19 11/16 in), the second at 608 mm (23 15/16 in), and the third at 715 mm (28 1/8 in).

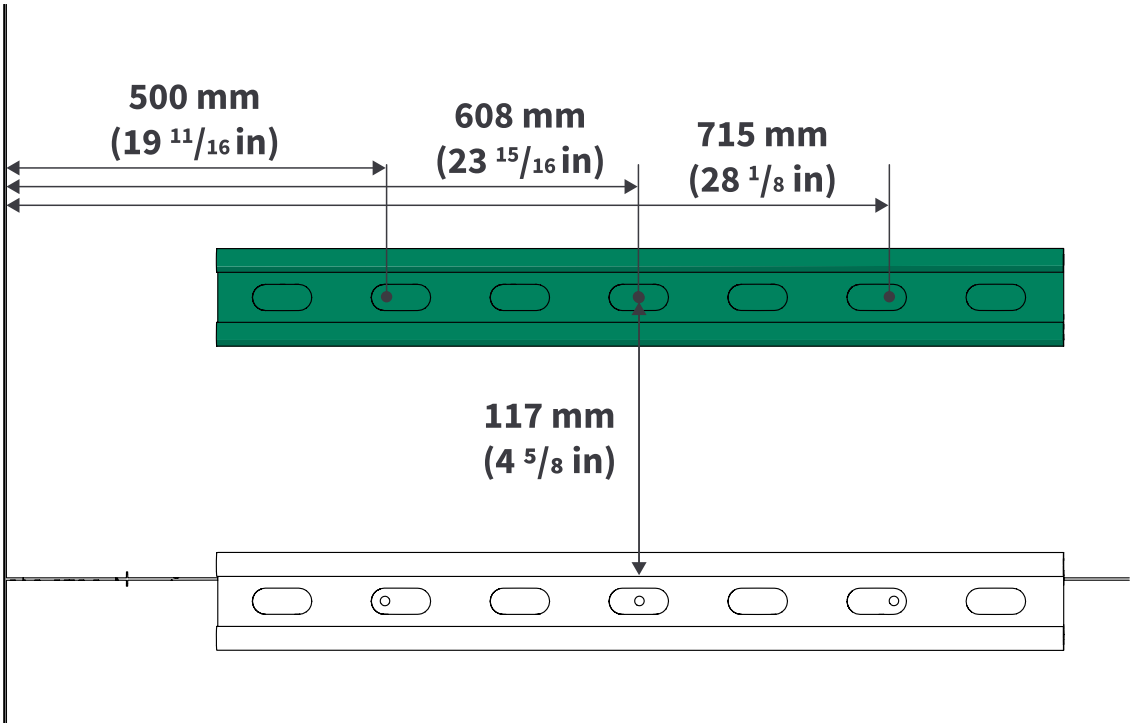


3. Measure the center of the second mounting rail 117 mm (4 5/8 in) from the body cover center line.



4. Mark three places for screw holes on the roof body cover.

   Mark the first screw at 500 mm (19 11/16 in), the second at 608 mm (23 15/16 in), and the third at 715 mm (28 1/8 in).



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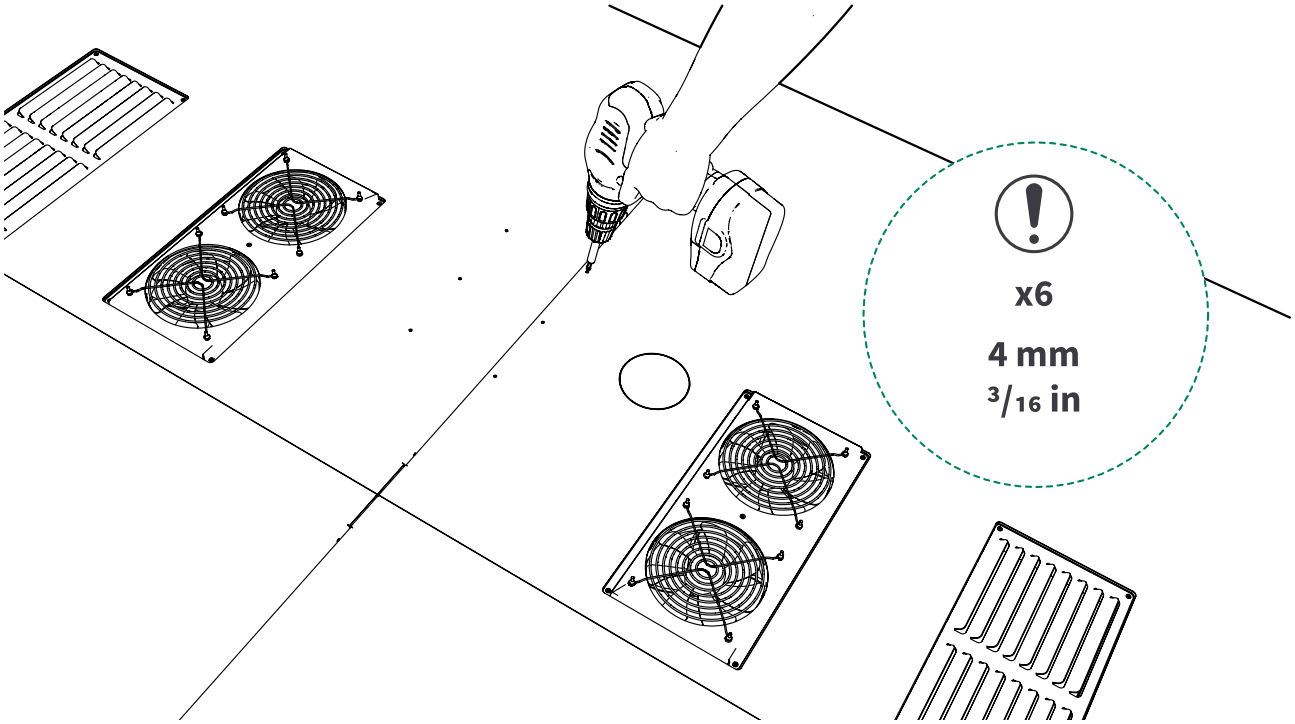
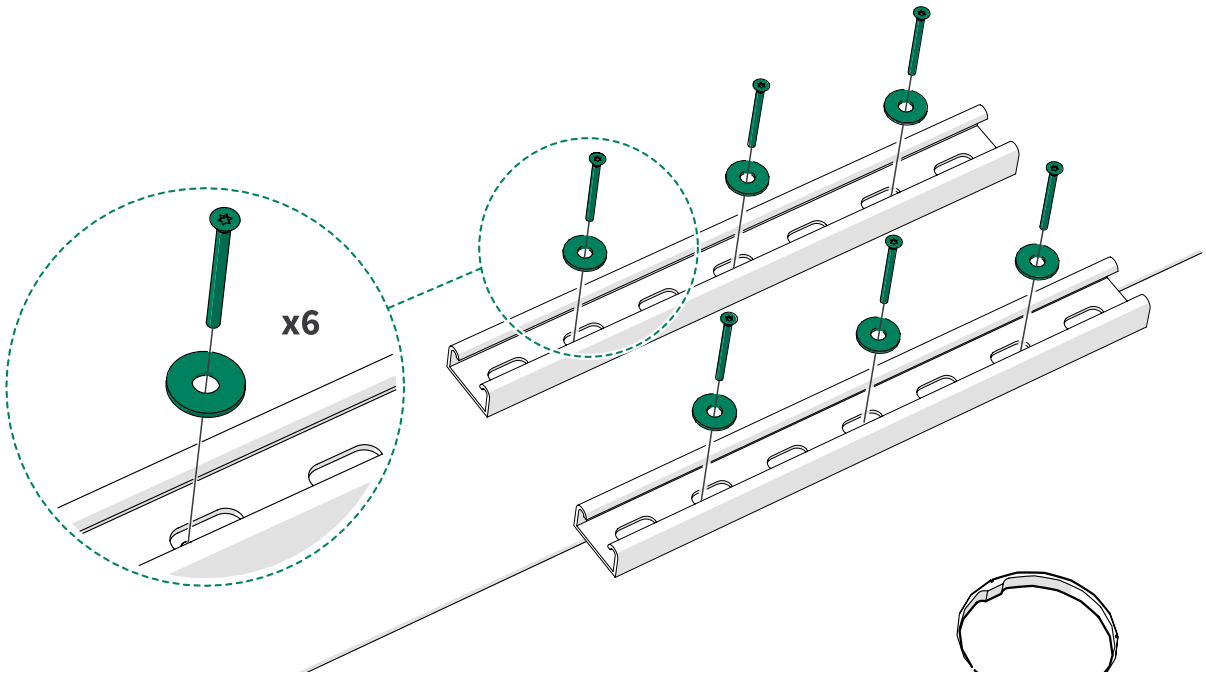
5. Drill 4 mm (3/16 in) pilot holes (6 pcs) through the roof body cover and the wood underneath.

Note: Make sure that you do not drill too deep.



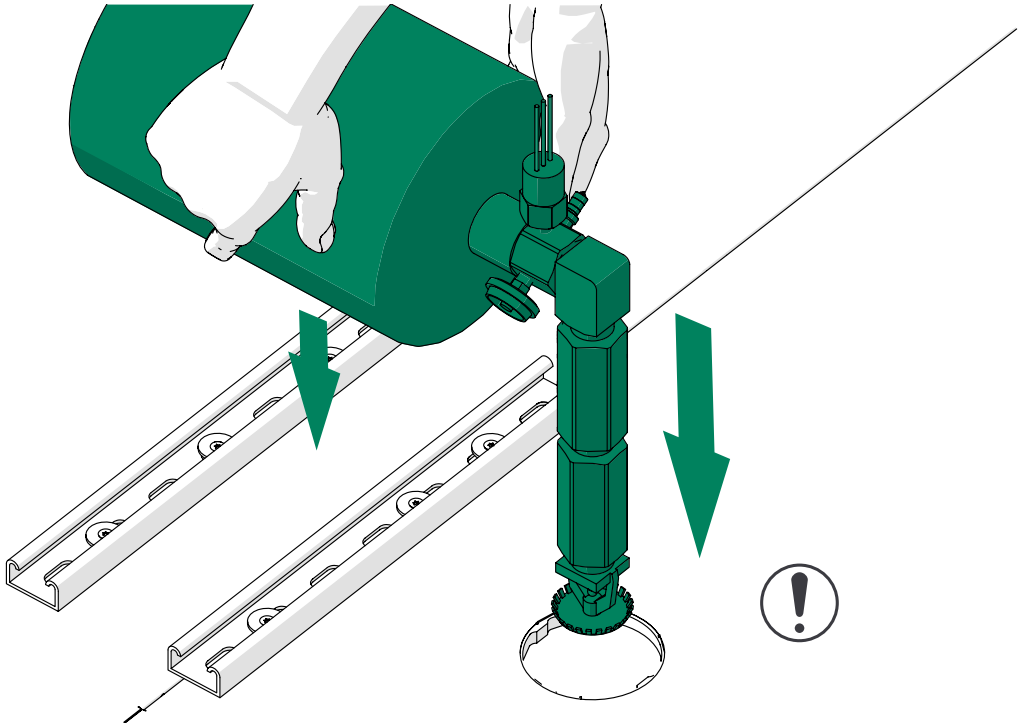
6. Install the mounting rails with 5x50 screws (3 pcs each) and washers (3 pcs each) onto the roof of the pod.



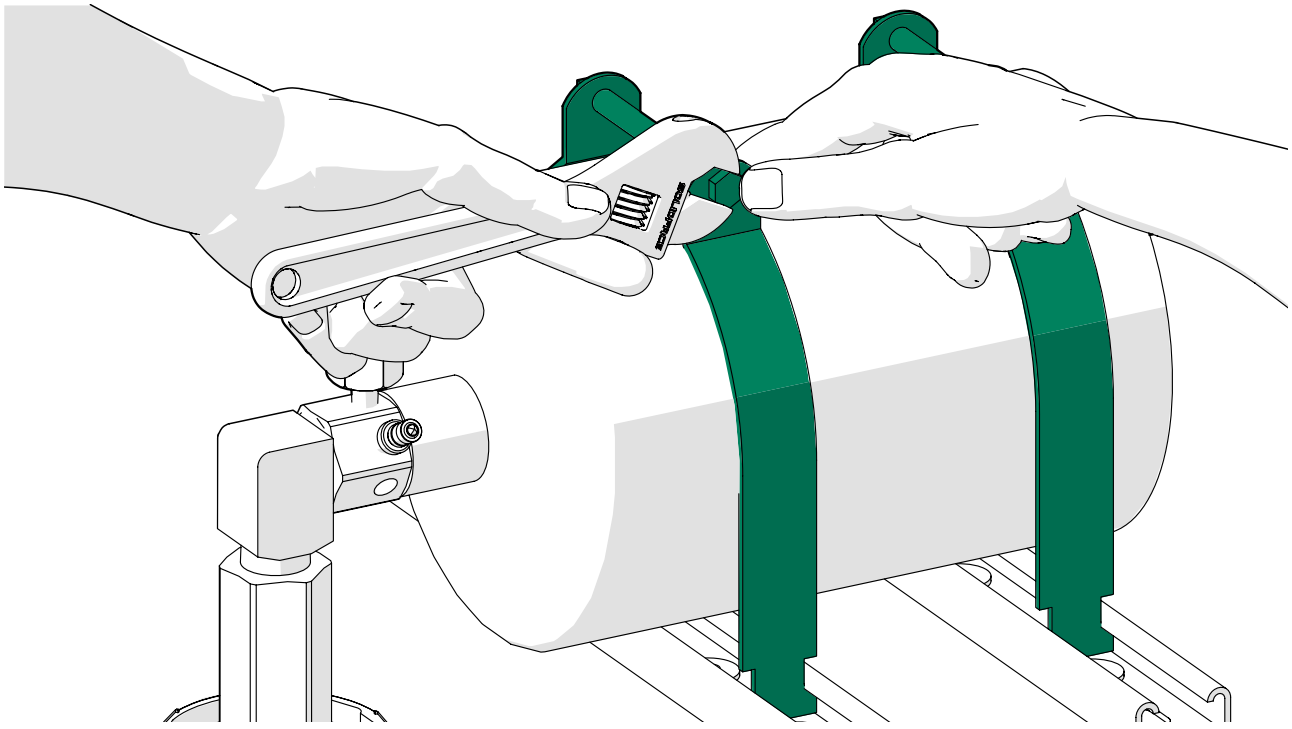
2.3 Install the cylinder and sprinkler

Note: Make sure that the piping or the sprinkler head is not damaged during the installation.

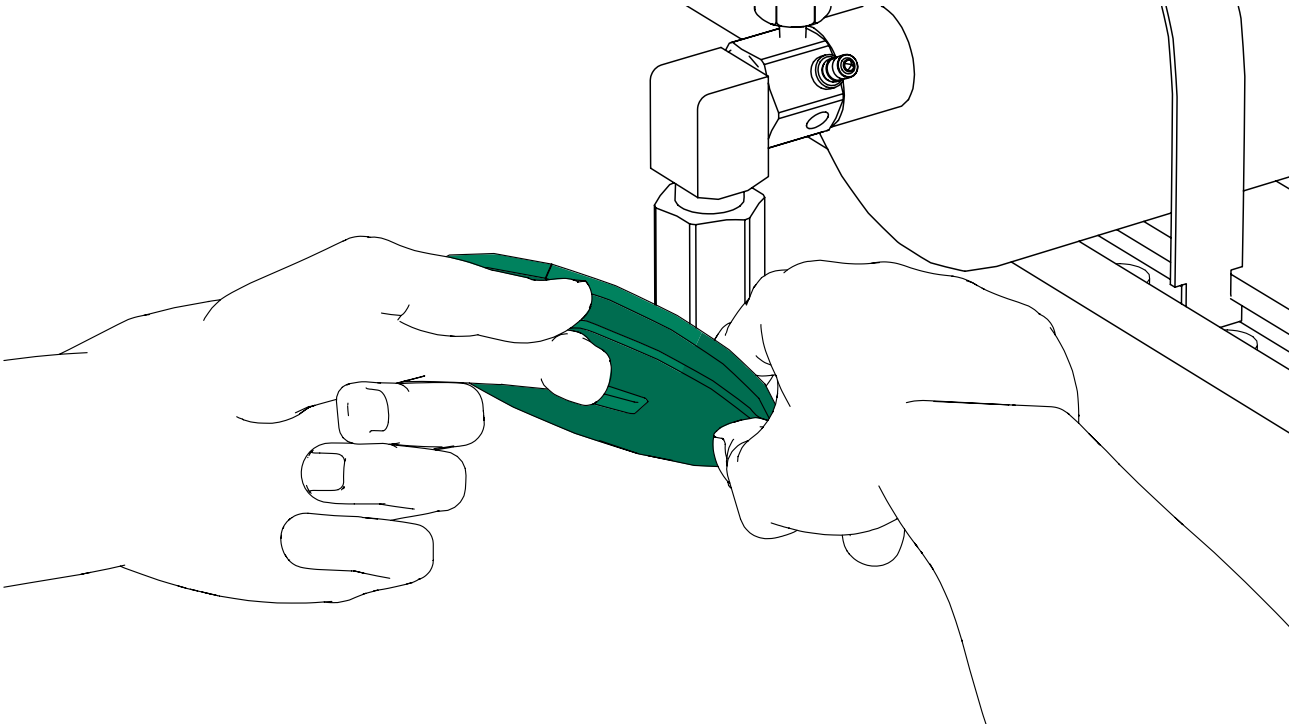
1. Guide the piping into the hole in the roof and place the cylinder onto the mounting rails. Place the cylinder in the center of the mounting rails.



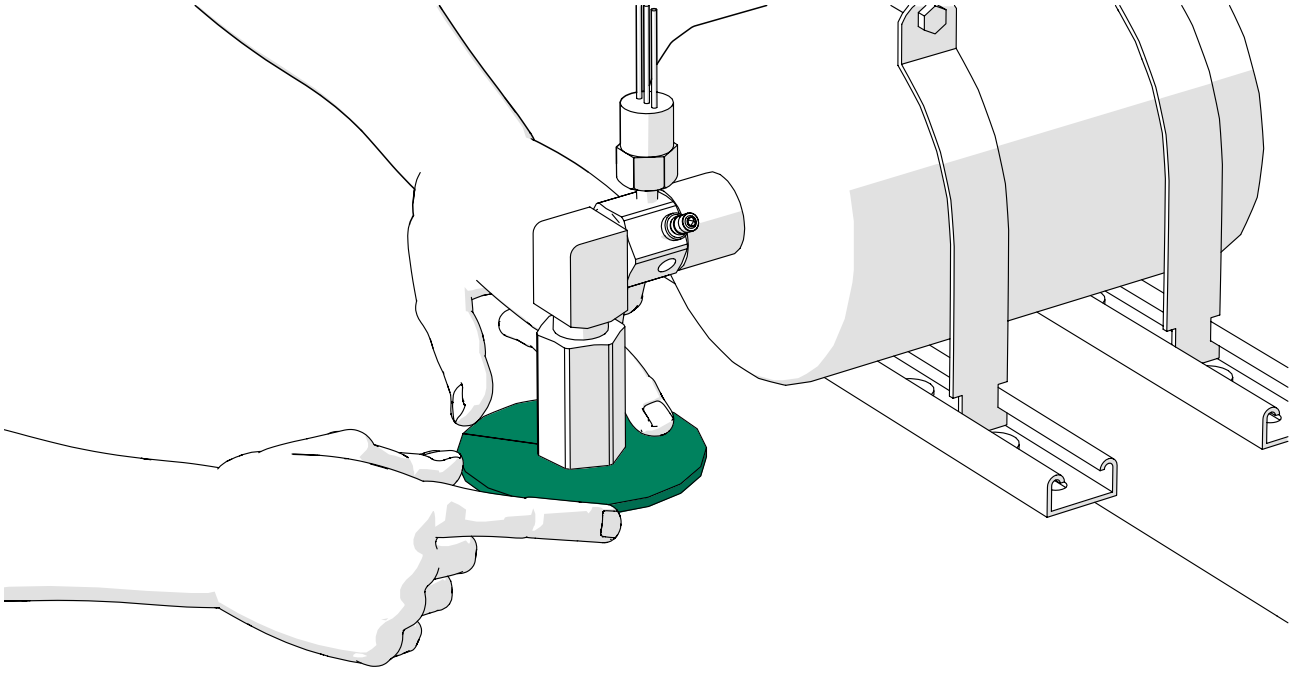
2. Slide the bands into the mounting rails from both sides and tighten the bands around the cylinder.



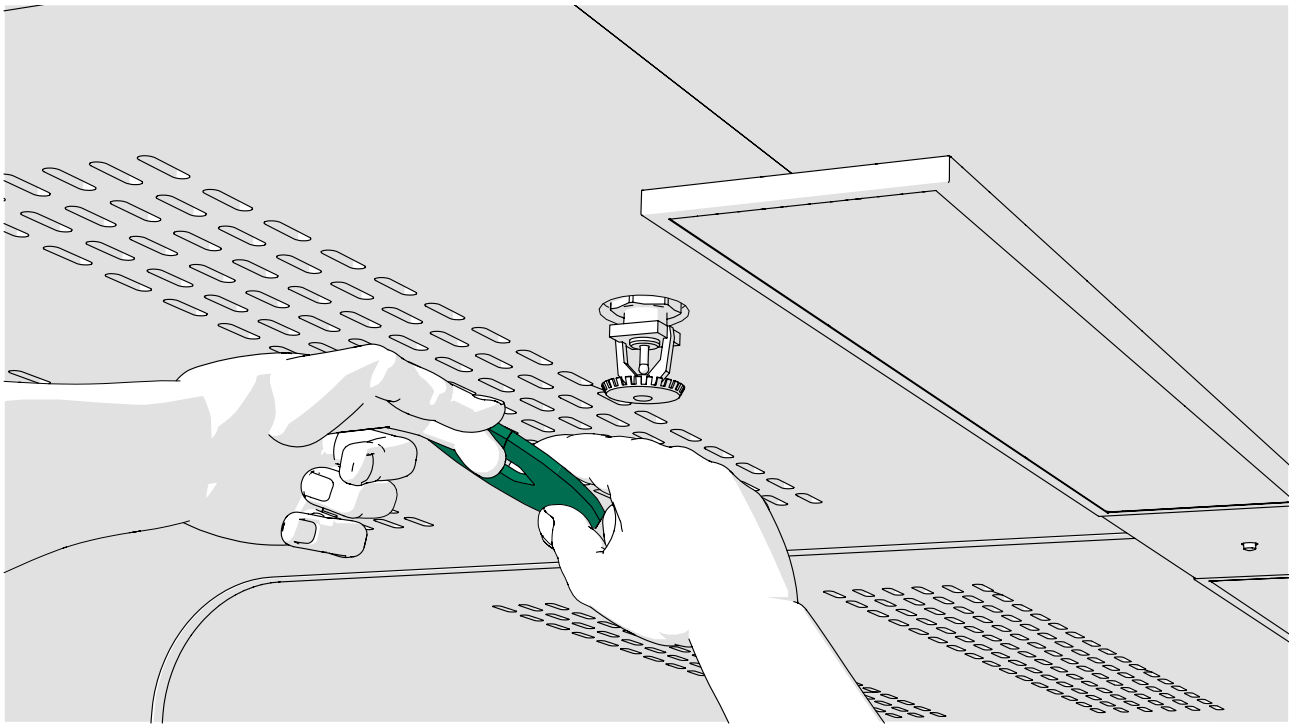
3. Remove the protective paper from the sticker on the first rubber seal.



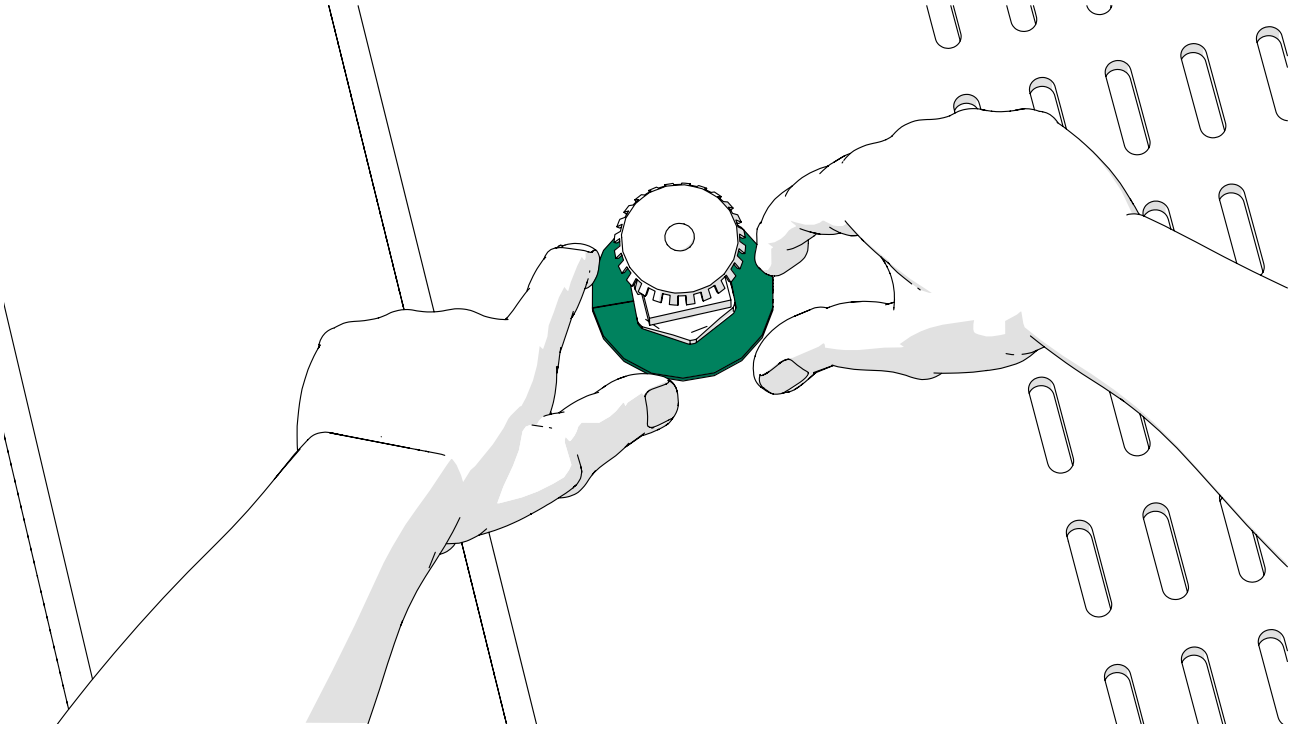
4. Guide the rubber seal around the piping and attach the seal onto the roof body cover around the hole.



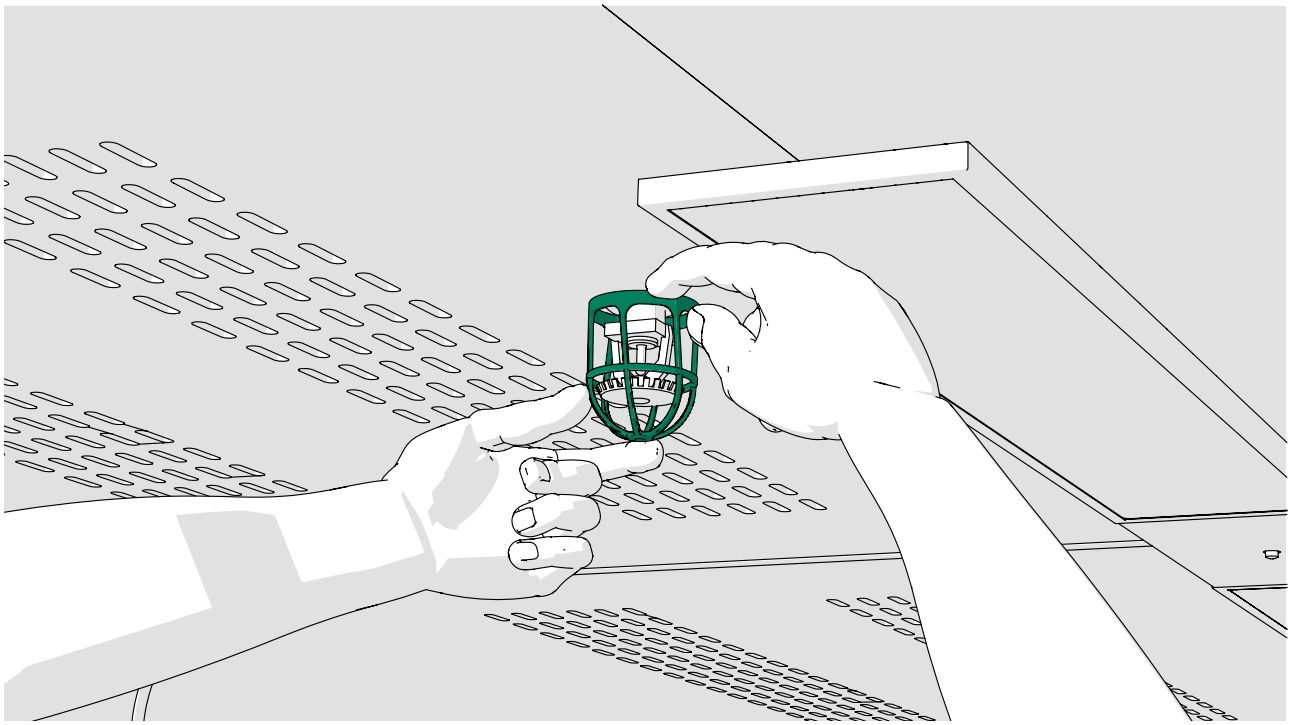
5. Remove the protective paper from the sticker on the second rubber seal.



6. Guide the rubber seal around the sprinkler head and attach the seal onto the ceiling felt around the hole.



7. Install the sprinkler guard over the sprinkler.



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