

AXIS D2124-VE Radar

Impact on warranty

This product is approved for repaint by Axis, provided that you follow the instructions in this document and at axis.com/warranty-implication-when-repainting.

Risks with repainting

There are several risks when disassembling or assembling an Axis product. Training of operators and the use of correct tools mediates some of the problems but they can never be fully avoided. Some of the risks include:

ESD Damage – Always handle the product in an ESD safe environment. Even if precautions are taken there is always a risk of ESD damage. The damage can remain undetected and cause problems during the lifetime of the equipment.

Dust contamination – Opening a camera may expose the lens and sensor to dust or paint. Dust will affect the optical performance. Lenses need to be disassembled in a dust-free environment, preferably a cleanroom.

Paint overspray – Masking the different components of the equipment is critical. Failure to mask sensitive areas can cause problems when assembling the equipment. Areas not painted at the factory or which have a different surface treatment than the parts to be painted (threads, ground and electrical contact surfaces) must also be masked to ensure function.

Repaint the product

Preparations

- Clean all parts that will be repainted thoroughly to remove grease, dust, or oil.
- To ensure reassembly and functionality of the product, mask as instructed in this document before you paint.

Pretreatment of parts

The product's metal surface is powder-coated. Pretreatment might be necessary for the new coating to adhere well. Before you apply a new coating, we recommend the following pretreatment:

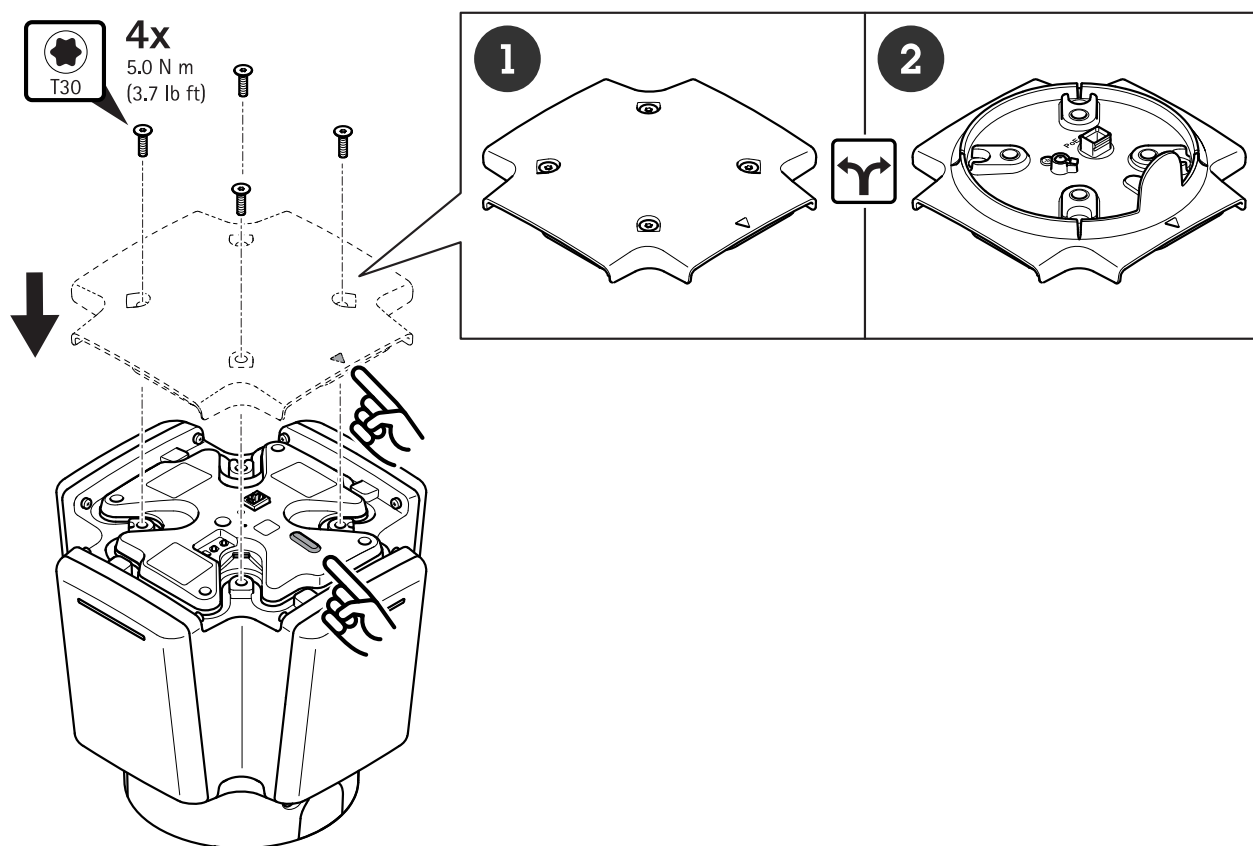
1. Gently scuff the surface with a fine-grit sandpaper or similar. Don't sand through the original powder coating layer, since this reduces corrosion resistance.
2. Clean the parts carefully to remove oil, grease, and dust.
3. Apply a primer suitable for powder-coated surfaces to improve adhesion. Follow the masking instructions in this document for this step.

The material used in this product is aluminum and plastic.

Note

If you want to change the color of the radar device, you can either repaint it or use vinyl foil. Read more about these options at faq.axis.com/s/article/paint-radar-D2110-VE-D2210-VE-or-fusion-camera.

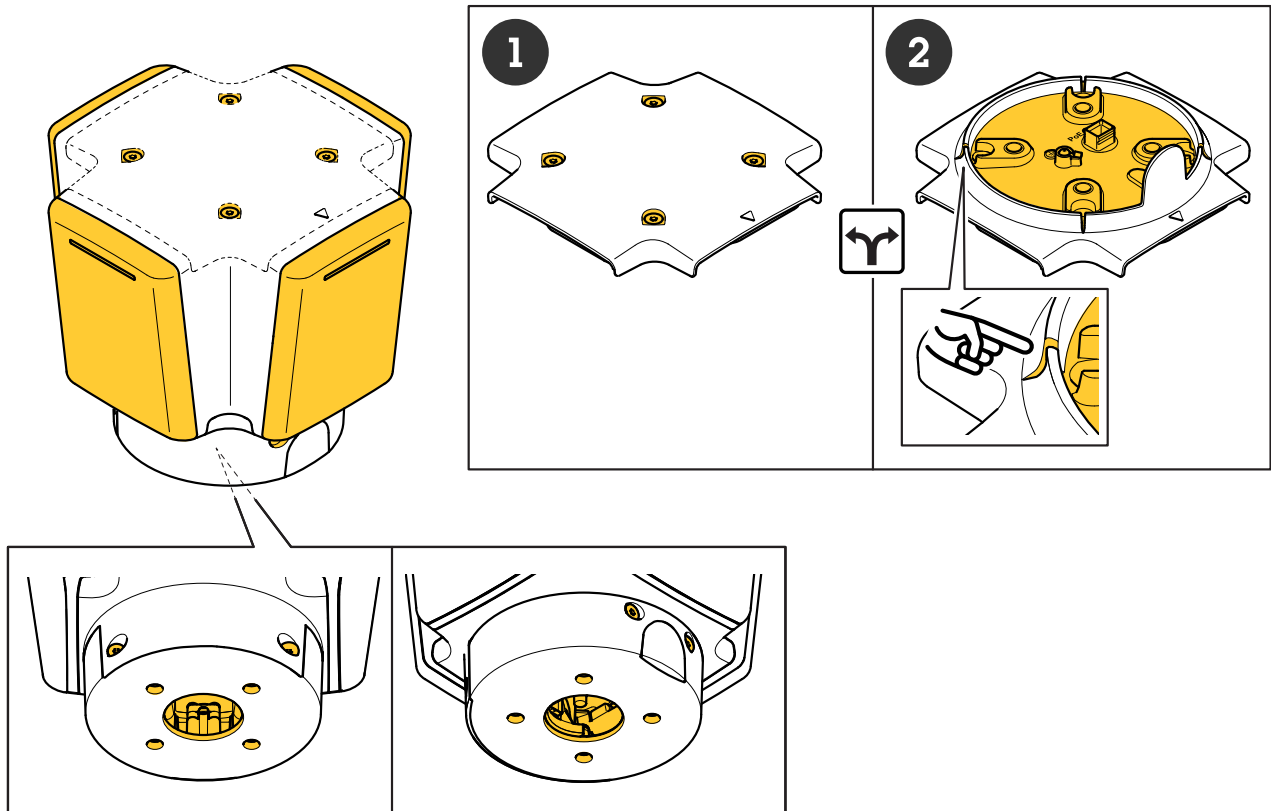
Assembly



- 1 Lid for standalone installation
- 2 Lid for installation with an AXIS Q62 PTZ camera

Before you start, fasten the lid on the radar. Choose the lid that's appropriate for your installation.

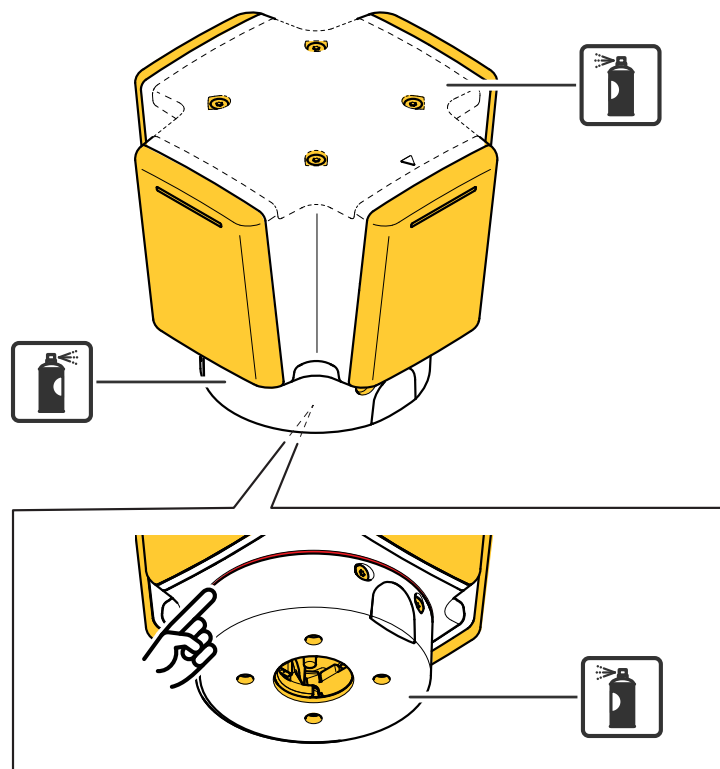
Masking



Mask the parts marked in yellow in the image.

Repainting

1. Make sure all necessary preparations have been made, see *Preparations*, on page 3.



2. Apply a thin and even layer of spray paint according to the instructions of the paint manufacturer. Avoid paint overflow in the gap marked with red.
3. Let the paint dry.
4. To get a better coverage and clearer color, apply a second layer of spray paint.
5. When the paint is dry, remove the masking.

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