



How to Drill a Keyring Hole in an AirTag

Use this guide to drill a keyring hole in your...

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INTRODUCTION

Use this guide to drill a keyring hole in your AirTag.

Attempt this procedure at your own risk. Drilling through your AirTag may damage its functionality and will negate the AirTag's IP67 water resistance rating.

Be Careful - This is not a necessary addition, as cheap 3rd party keyrings are available on sites like Amazon. Do this at your own expense, as you may end up breaking the device and Apple will not accept this under the warranty.

TOOLS:

[Magnetic Mat Replacement Pen](#) (1)

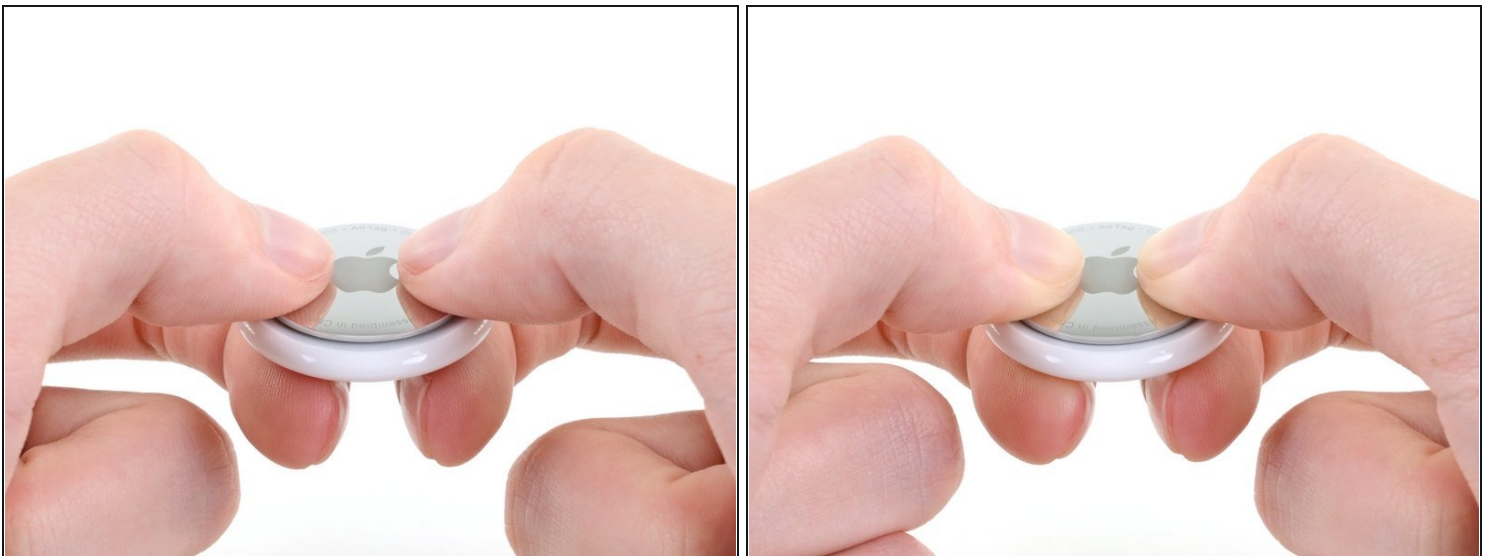
[Vise](#) (1)

[Cordless Driver/Drill](#) (1)

[1/16" Drill Bit](#) (1)

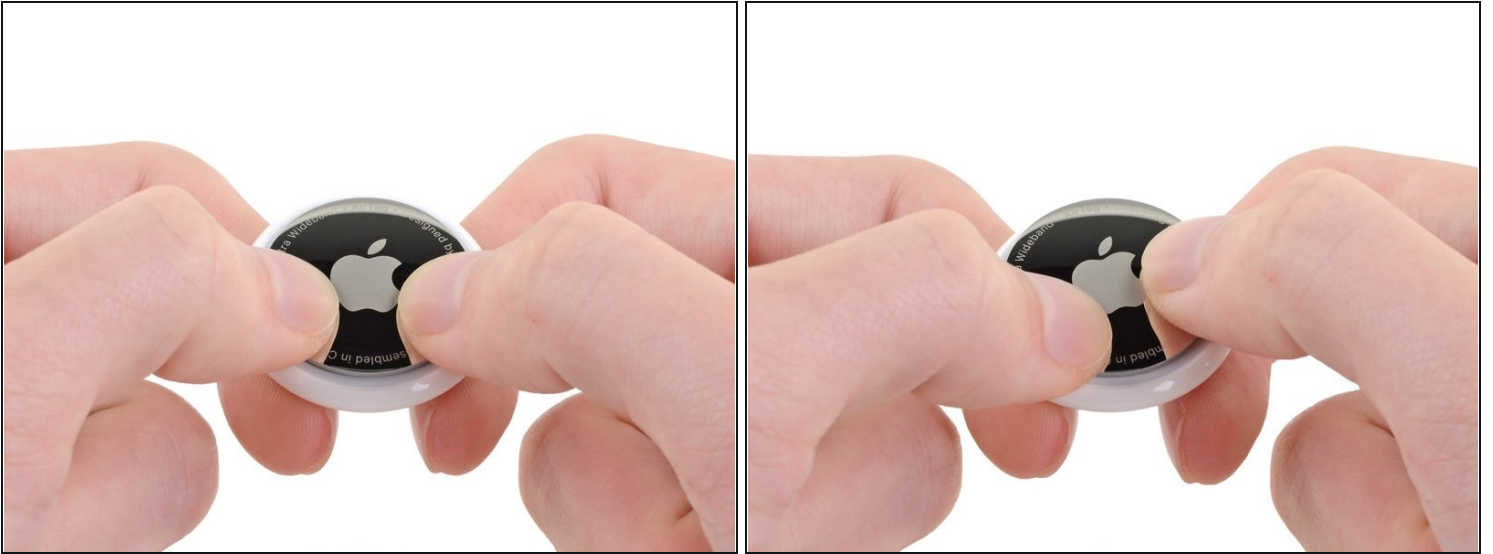
[Safety Glasses](#) (1)

Step 1 — Push down the battery compartment door



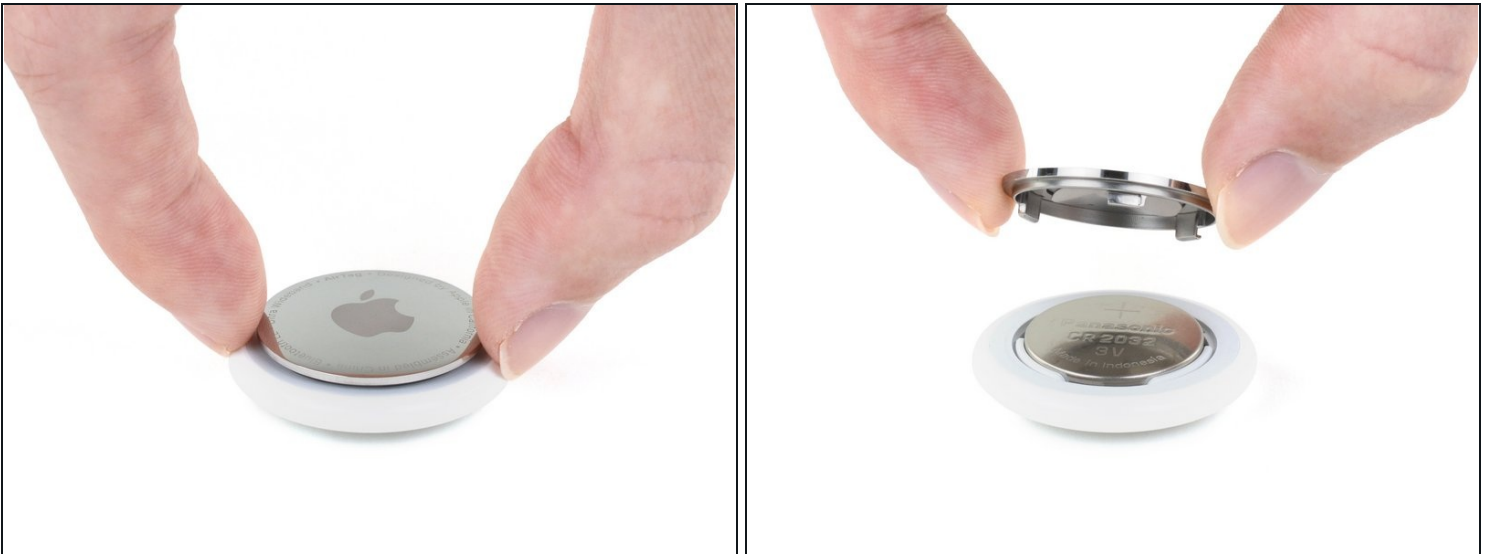
- Use both of your thumbs to push down on the battery compartment door.

Step 2 — Rotate the battery compartment door



- Rotate the battery compartment door counter-clockwise to unlatch it from the frame.

Step 3 — Remove the battery compartment door



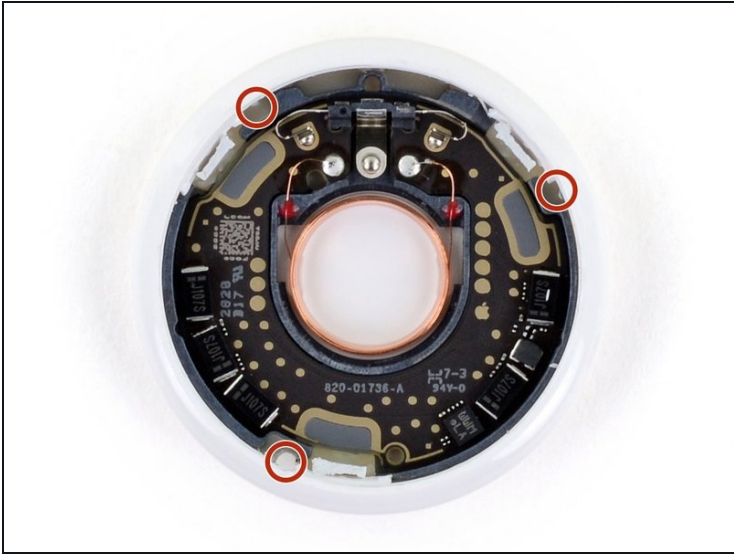
- Lift up the battery compartment door to remove it.

Step 4 — Remove the battery



- Lift and remove the battery.
- ☒ When you replace the battery, insert it such that the positive end is facing up.

Step 5 — Drilling information



⚠ Do not remove the gray battery compartment. This image is for illustrative purposes only.

- ① Inside the device, the circuit board and antenna frame have three notches for the clips and glue.
 - To avoid damaging the internal components, drill through the space next to a clip.
- ① This is an image of an AirTag that has already been drilled through at the bottom location.

Step 6 — Mark the hole location



- Rotate the AirTag so that the CE marking is upright.
- Use a marker or pen to draw a dot where you want to drill the keyring hole.
 - ① Draw the dot as close to the edge of the gray battery compartment as possible. This will allow you to reattach the battery compartment door while the keyring is attached.
 - ① The three potential drill locations are at the left (moving clockwise) end of each battery compartment clip hole.
 - ① You can locate our recommended drill location by drawing a dot at roughly seven o'clock.

Step 7 — Safety information



- ⚠ **Wear eye protection** while using the vise, drilling the hole, and removing sharp edges.
- ⚠ **Keep your hands away from the device while drilling the keyring hole.**

Step 8 — Drill the keyring hole



- Secure the AirTag in a vise.
⚠ Make sure the area under your marked drill location is clear to avoid hitting the vise with the drill bit.

Step 9



- Use a 1/16th inch drill bit to drill a hole through the AirTag.

Step 10 — Remove burrs and sharp edges



- Use a [metal file](#) to remove burrs and sharp edges from the keyring hole.
 - ① You can also use sandpaper or a deburring tool.
- Remove any remaining plastic particles on the AirTag before installing the keyring.

Step 11 — Insert the keyring



- Insert your keyring through the keyring hole.
 - ① You can apply Sugru or a sealant to seal both sides of the hole.

To reassemble your device, follow these instructions in reverse order starting at **step 4**.

Repair didn't go as planned? Ask our [AirTag Answers community](#) for help.