



AirTag

Apple Recycler Guide

May 2023

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About This Guide

Apple Recycler Guides provide guidance for electronics recyclers on how to disassemble products to maximize recovery of resources. The guides provide step-by-step disassembly instructions and information on the material composition to help recyclers direct fractions to the appropriate material recycler.

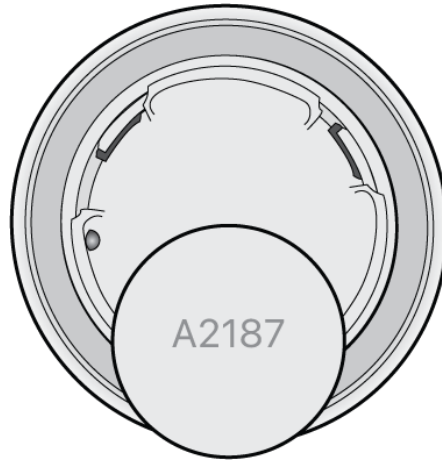
To conserve important resources, we work to reduce the materials we use and aim to one day source only recycled or renewable materials in our products. A key path to reaching that goal is resource recovery from end-of-life electronics.

Disassembly procedures are intended to be performed only by trained electronics recycling professionals. The recycler is responsible for independently evaluating and ensuring compliance with all applicable environmental, health, and safety laws related to the work. These include but are not limited to laws relating to the management, handling, shipping, and disposal of the outputs of this work as waste and laws in place to ensure the health and safety of all employees who support this work.

For questions or feedback about this guide, email contactesci@apple.com.

Identification

You can find the model number of the AirTag on the cosmetic cover under the battery.



Model number:
A2187

Directive 2012/19/EU Annex VII Components

Directive 2012/19/EU Annex VII requirements apply to the following substances and components.

Substance/Component	Apple Part Name	Removal Instructions
Battery	Coin cell battery	Follow steps 1–2
No further substances or components as listed in Annex VII		

Safety Considerations

The recycler is responsible for independently evaluating all activities undertaken by its employees to perform or support the work and ensuring compliance with all applicable health and safety laws related to the work. These include but are not limited to laws relating to the health and safety of all employees who perform or support this work. The recycler is also responsible for evaluating the workspace and ensuring that the area in which the work is to be undertaken is designed using ergonomic best practices and meets all ergonomic requirements to ensure the protection of its employees.

Personal Protective Equipment

Personal protective equipment should be worn during the entire recycling process.



Wear hand protection



Wear protective clothing



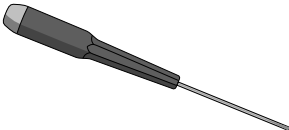
Wear eye protection



Wear foot protection

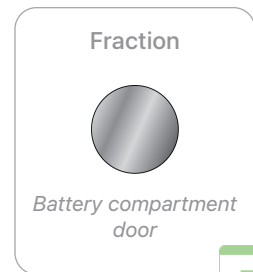
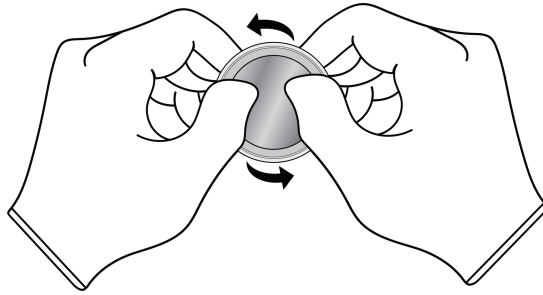
Recommended Tools

Precision slotted
screwdriver

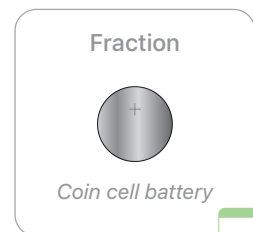
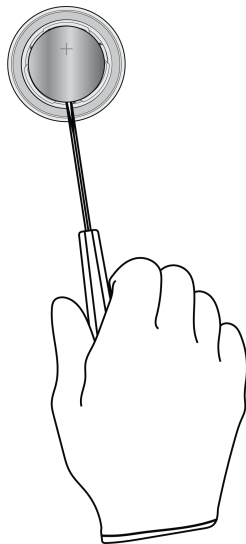


Disassembly Instructions

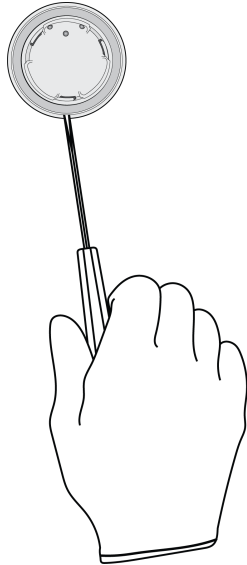
1. Remove the battery compartment door by pressing it with both thumbs while twisting counterclockwise.



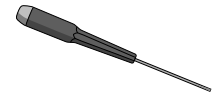
2. Remove the coin cell battery.



3. Pry the cosmetic cover off the enclosure.



Tools Used



Fraction

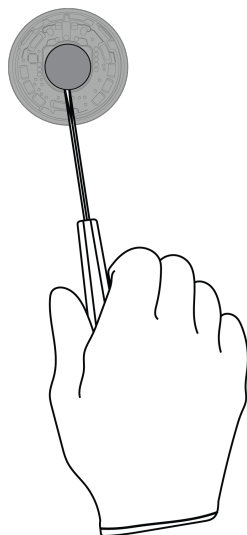


Cosmetic cover

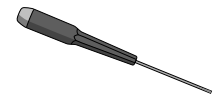
PL

Plastics

4. Pry the speaker off the enclosure.



Tools Used



Fraction

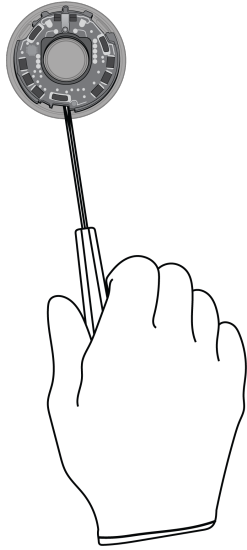


Speaker

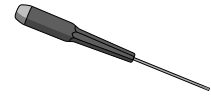
REE

Rare Earth Elements

5. Pry the main logic board off the enclosure.



Tools Used



Fraction

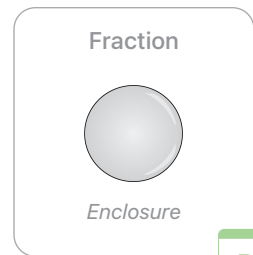
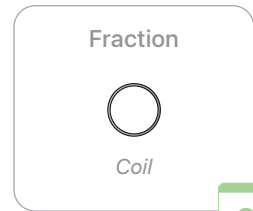
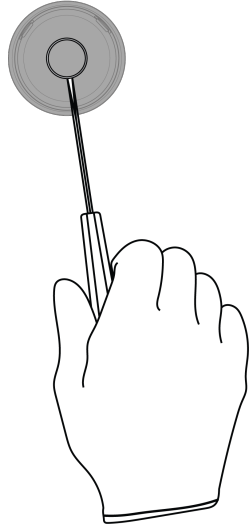


Main logic board

PMs





Precious
Metals

6. Pry the coil off the enclosure.



Material Categorization of Output Fractions

All outputs from this process must be managed, handled, and disposed of in accordance with applicable waste laws and regulations, including but not limited to the Waste Framework Directive and its national enactments in Europe.

Fraction	Downstream Processing
<p data-bbox="440 604 561 632">Batteries</p>  <p data-bbox="423 768 578 795"><i>Coin cell battery</i></p>	<p data-bbox="966 604 1276 632">Primary Target Material</p> 
<p data-bbox="449 926 552 953">Ferrous</p>  <p data-bbox="373 1100 628 1127"><i>Battery compartment door</i></p>	<p data-bbox="966 926 1276 953">Primary Target Material</p> 

Fraction

Downstream Processing

Logic Boards



Main logic board

Primary Target Material



Potential Additional Materials



Mixed Electronics



Coil

Primary Target Material



Fraction

Downstream Processing

Mixed Plastics



Cosmetic cover



Enclosure

Primary Target Material



Rare Earth Magnets



Speaker

Primary Target Material



Potential Additional Materials

