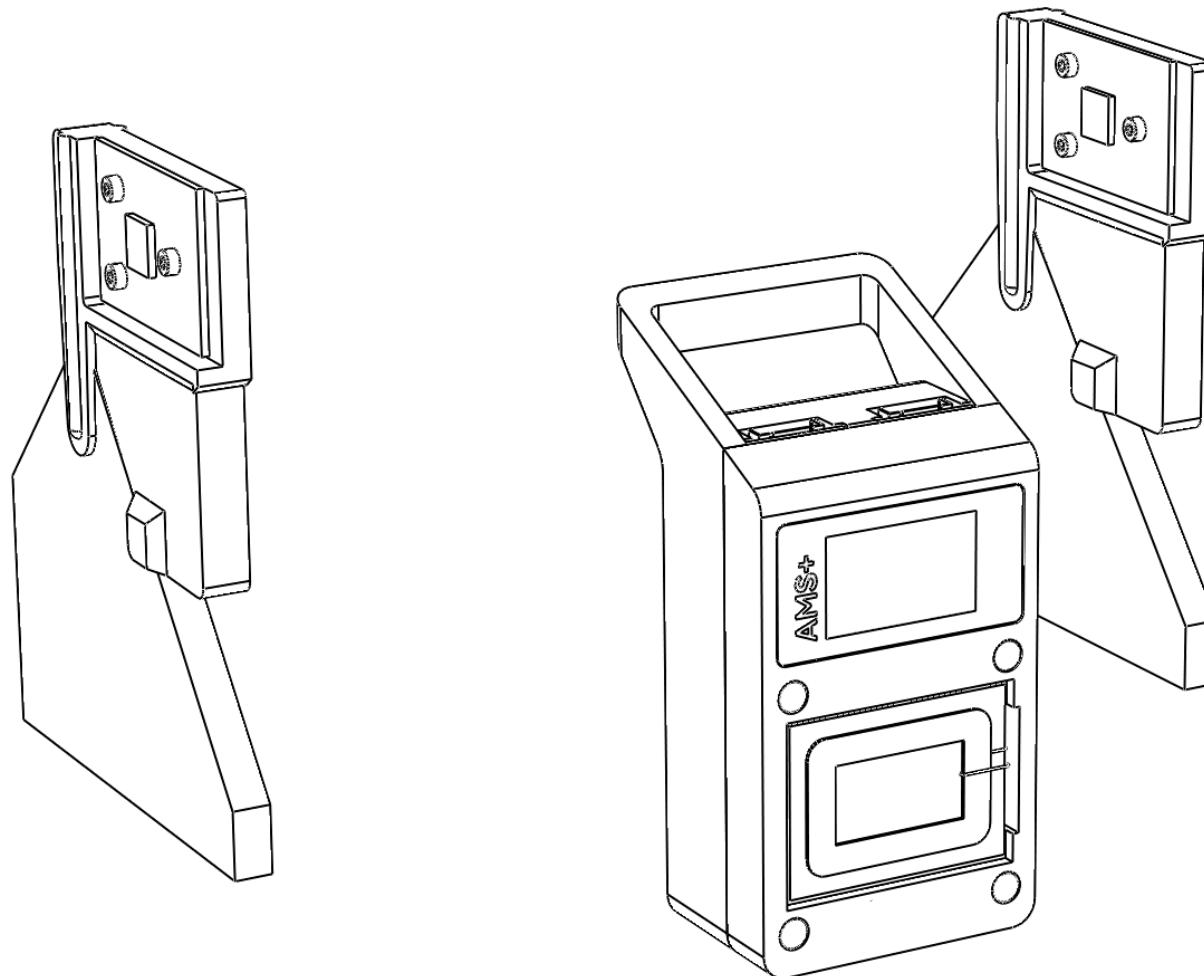




AMS Plus Installation Guide

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AMS Plus Installation Guide

Safety Guidelines

General Tool Safety Guidelines

1. Work Area:

- Keep the work area clean and organized to prevent tools from slipping or disrupting work.
- Avoid working near flammable materials or in damp environments, especially when using a soldering iron.

2. Personal Protection:

- Wear appropriate personal protective equipment, such as safety goggles and gloves.
- Avoid loose clothing or untied long hair to prevent entanglement with tools.

3. Proper Tool Usage:

- Always use tools that match the task and avoid forcing tools not suited for the job.
- Inspect tools before use to ensure they are in good condition.

Screwdriver Safety Guidelines

1. Ensure the screwdriver matches the screw head to avoid slipping and causing injury.
2. Apply moderate pressure during use to prevent the screwdriver from slipping and injuring your hand or damaging components.
3. Do not use a screwdriver as a pry bar or for any purpose other than its intended use to prevent damage or injury.

Soldering Iron Safety Guidelines

1. Burn Prevention:

- Avoid contact with the soldering iron tip when it is heated.
- Always place the soldering iron on a secure stand when not in use to prevent accidental burns.

2. Electrical Safety:

- Check that the soldering iron's power cord is undamaged and the plug is securely connected.
- Do not use the soldering iron in wet or damp environments to prevent electrical shock.

3. Soldering Operations:

- Work in a well-ventilated area to avoid inhaling fumes generated during soldering.
- Be cautious of splattering solder and avoid direct contact with molten solder.

4. Storage and Maintenance:

- Turn off the soldering iron and allow it to cool completely before storing it.
- Regularly clean the soldering iron tip to remove oxidation and maintain good thermal conductivity.

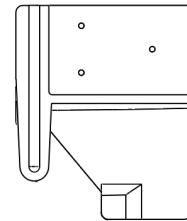
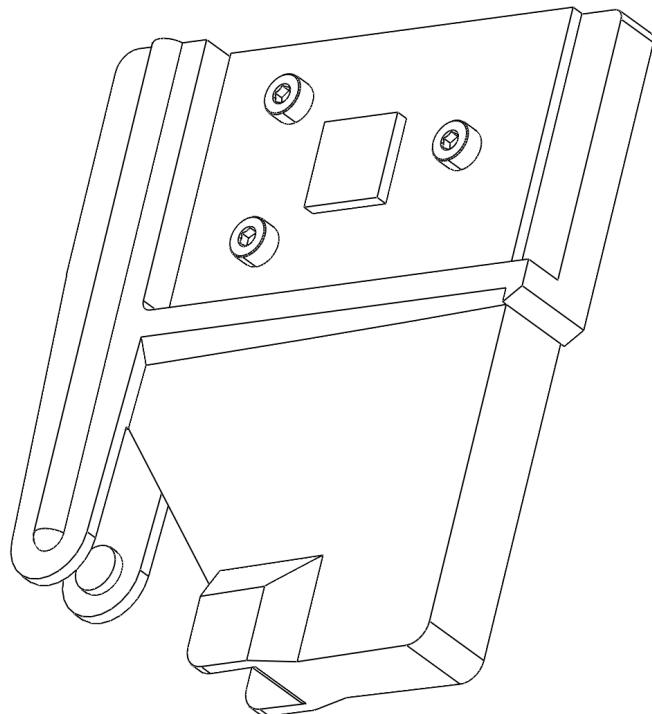


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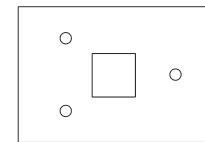
Part 1

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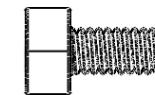
Please read the safety guidelines carefully before



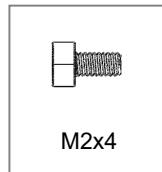
AMS Plus Part1
x2



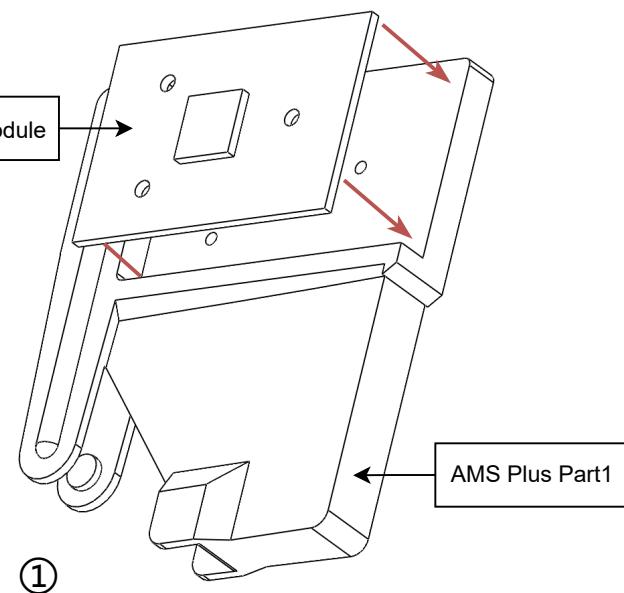
RC522 Module
x2



Machine Screw M2x4
x6



x 3



AMS Plus Installation Guide

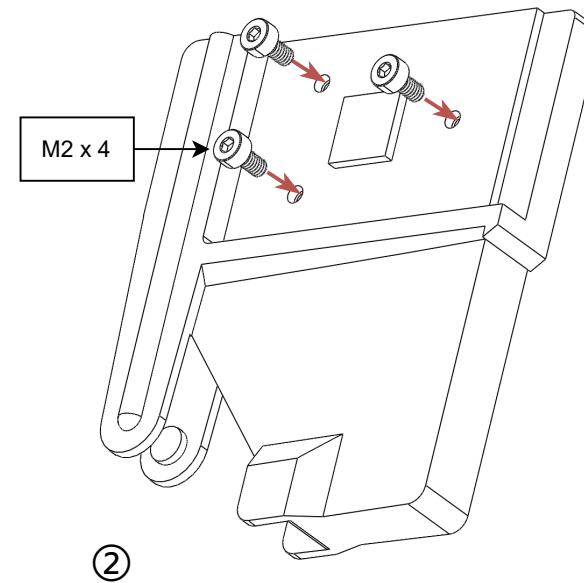
Part 1

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Please read the safety guidelines carefully before

Make two according to the diagram below.

x2



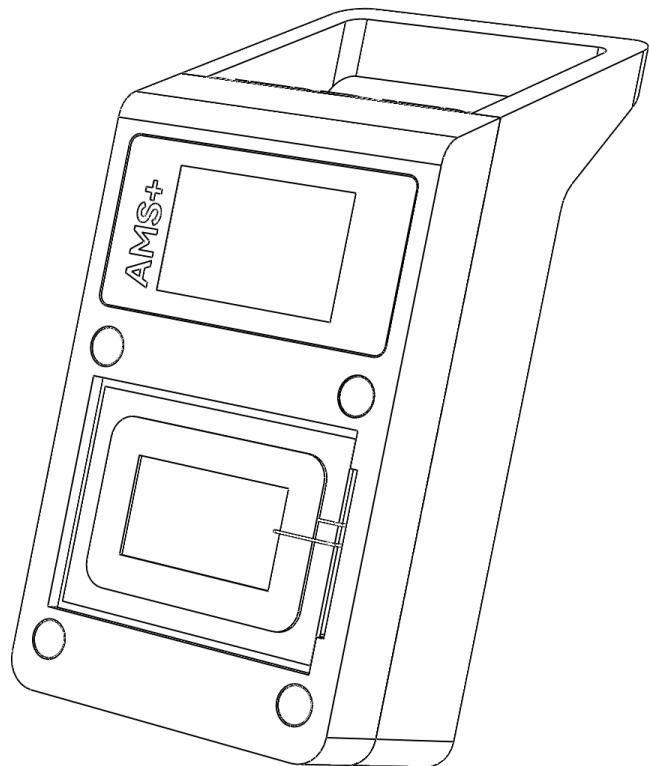


AMS Plus Installation Guide

Part 2

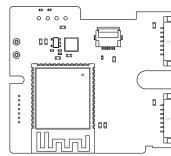
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Please read the safety guidelines carefully before



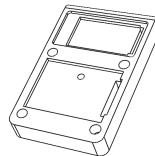
AMS Plus Main-board

x1



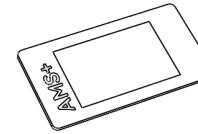
AMS Plus Part2

x1



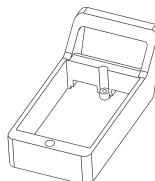
1.14" TFT LCD Cover

x1



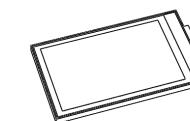
AMS Plus Part3

x1



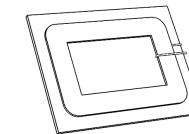
1.14" TFT LCD Module

x1



Nuts M3x3x3

x3



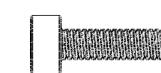
Wireless Charging Module

x1



N35 Magnet $\Phi 5 \times 5$

x4



Screw M2x8

x3



x 3



x 4

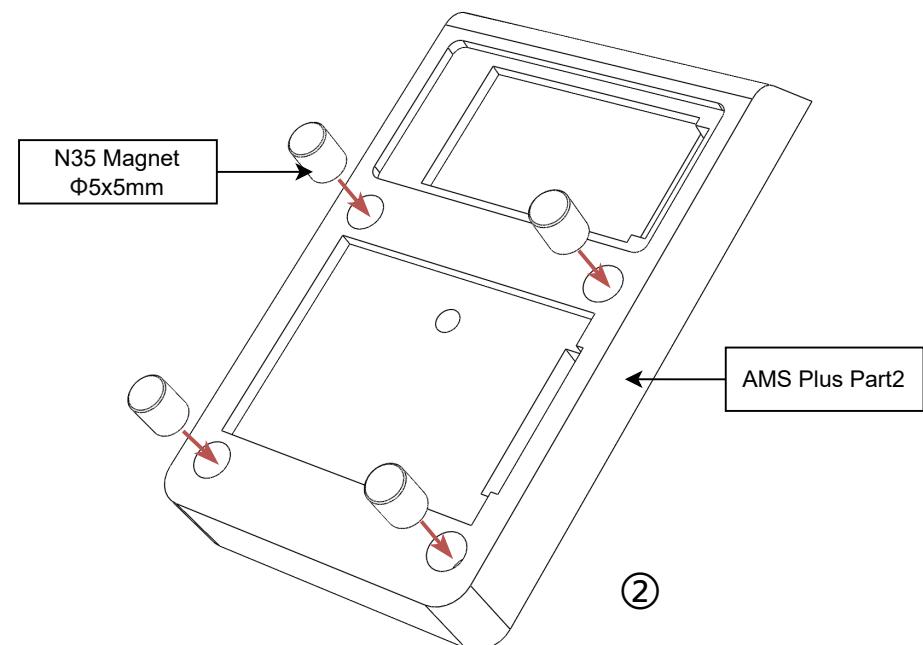
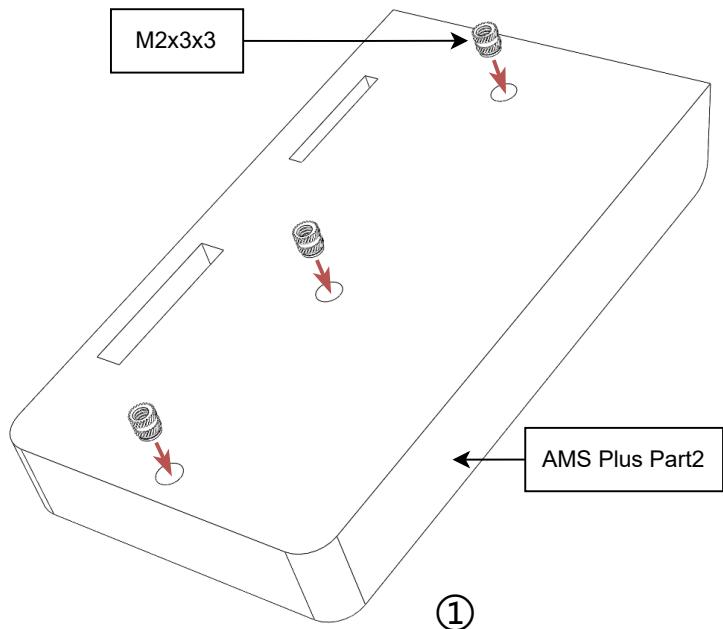


AMS Plus Installation Guide

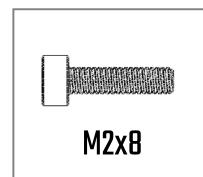
Part 2

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Please read the safety guidelines carefully before



Here, a heat-set-insert-m2 is used. Please heat it and press it down to embed the nut. Be cautious of high temperatures.



x 1

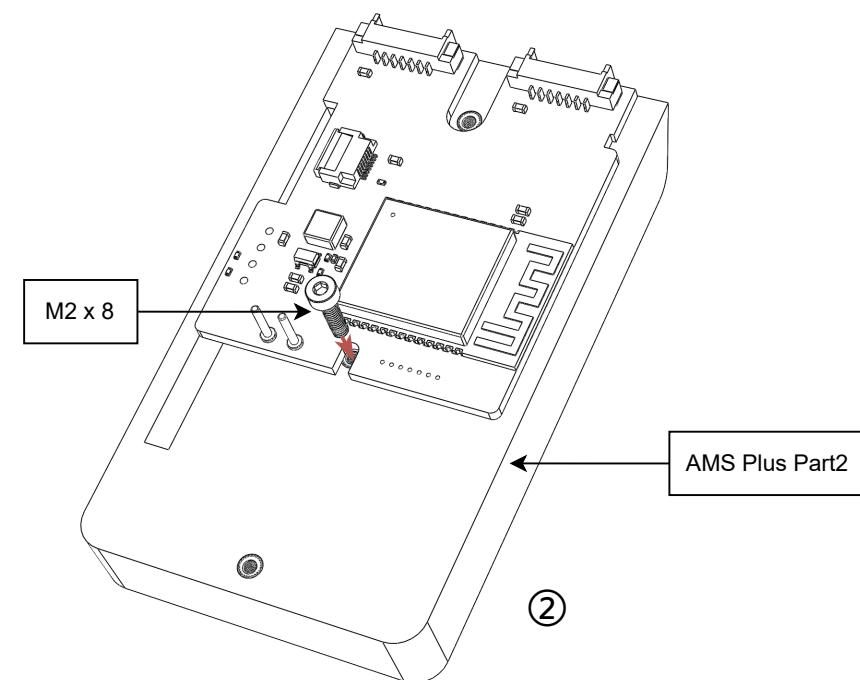
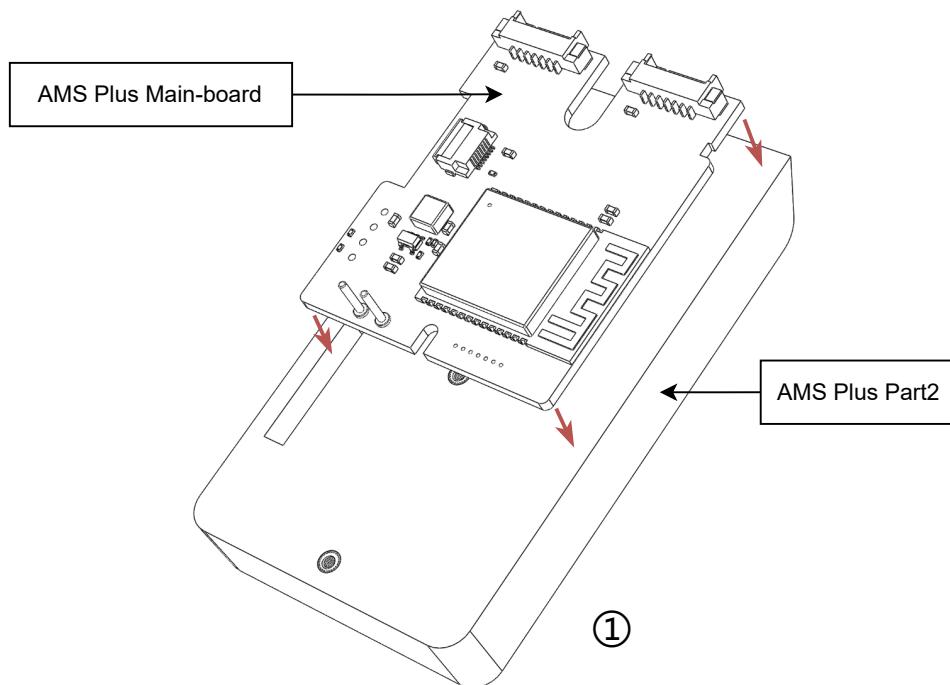


AMS Plus Installation Guide

Part 2

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Please read the safety guidelines carefully before



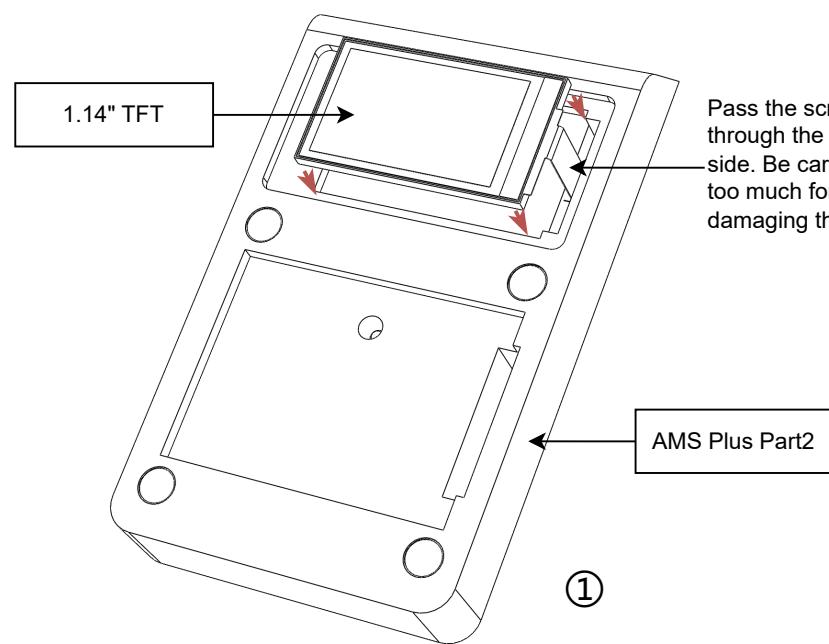


AMS Plus Installation Guide

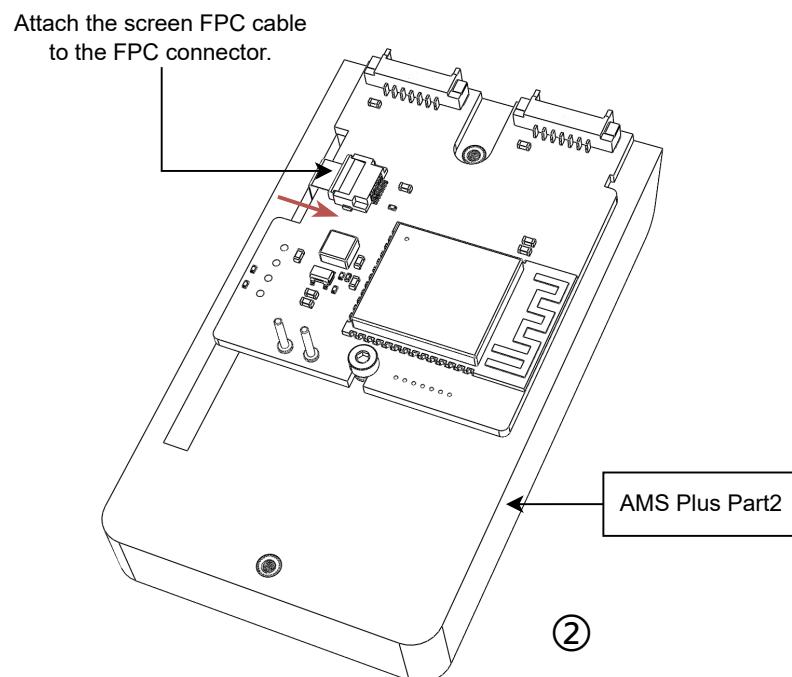
Part 2

Powered by Hades Studio

Please read the safety guidelines carefully before



Pass the screen FPC cable through the gap to the other side. Be careful not to apply too much force to avoid damaging the FPC cable.





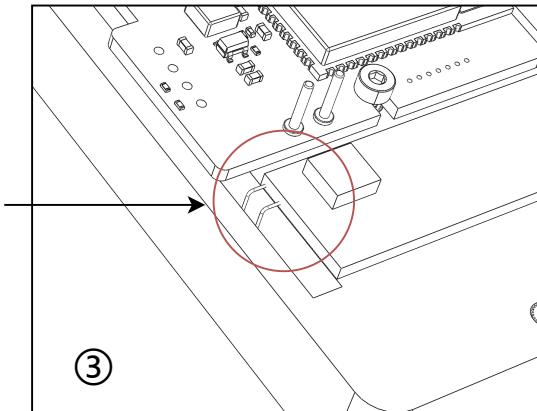
AMS Plus Installation Guide

Part 2

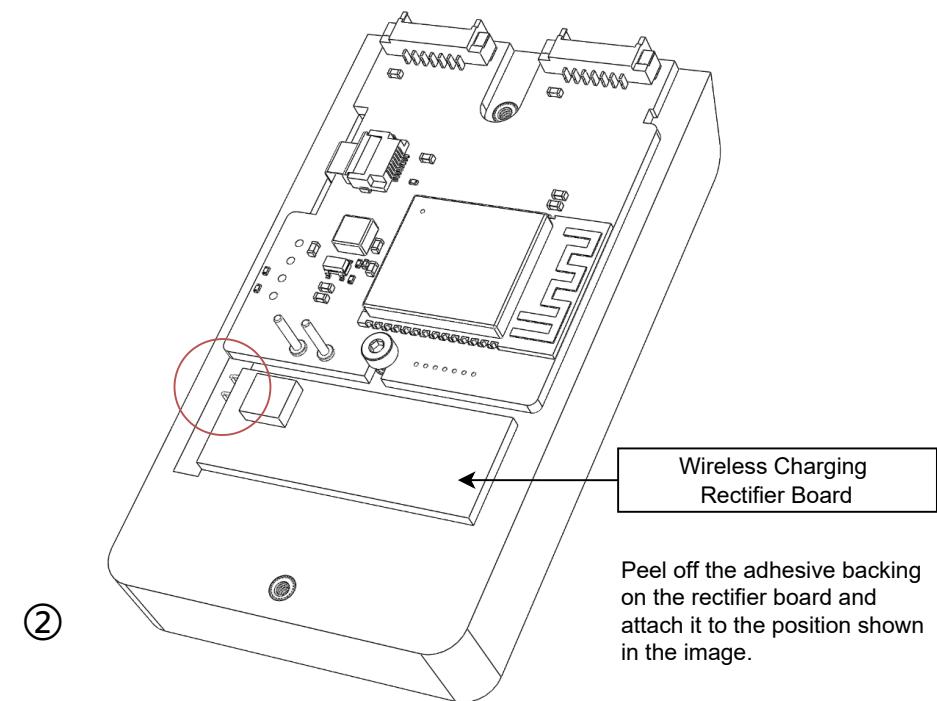
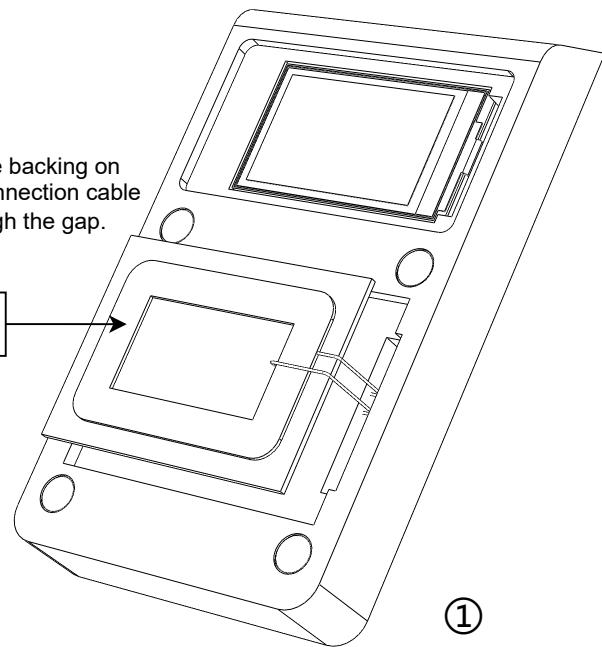
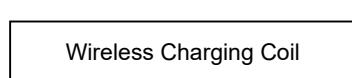
Powered by Hades Studio

Please read the safety guidelines carefully before

Solder the connection cable of the wireless charging coil to the designated position on the rectifier board. Ensure safety during the soldering process.



Peel off the double-sided adhesive backing on the charging coil, and pass the connection cable of the wireless charging coil through the gap.



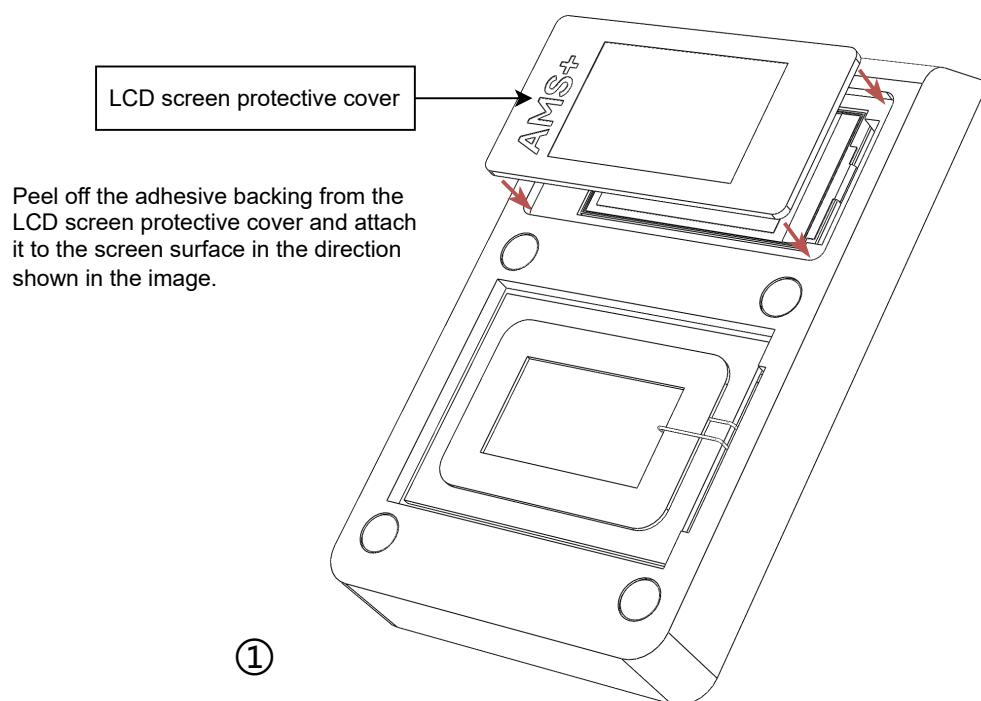


AMS Plus Installation Guide

Part 2

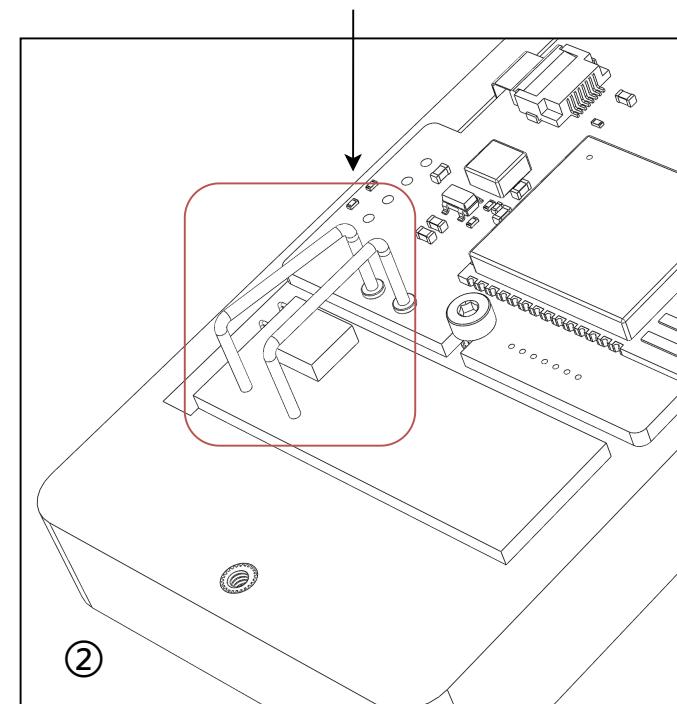
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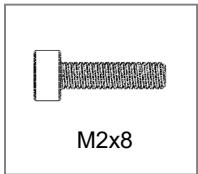
Please read the safety guidelines carefully before



Solder the output of the wireless charging rectifier board to the 5V input of the mainboard.

Please pay attention to the polarity of the rectifier board and the mainboard to avoid incorrect connections that could damage the mainboard.





x 2

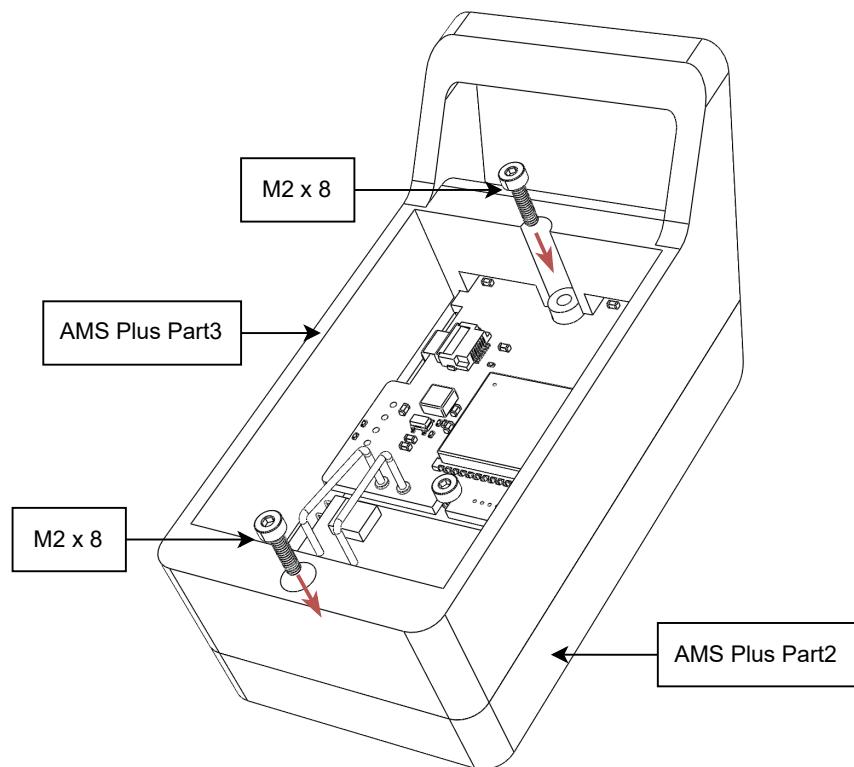
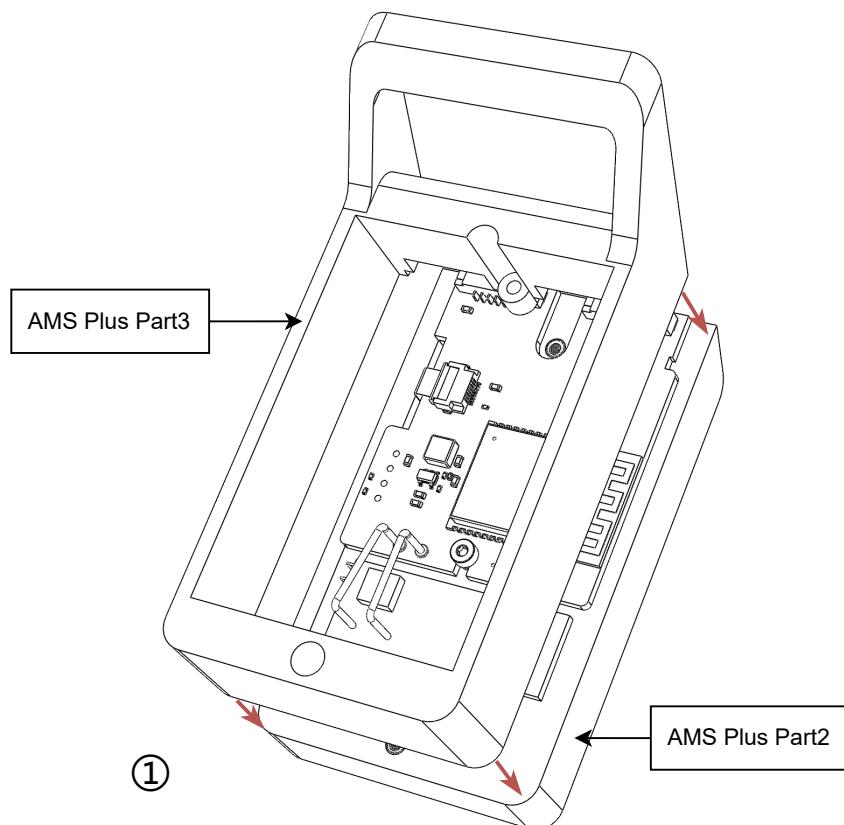


AMS Plus Installation Guide

Part 2

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Please read the safety guidelines carefully before



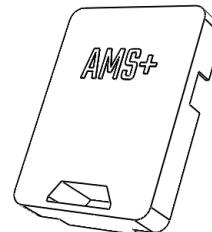
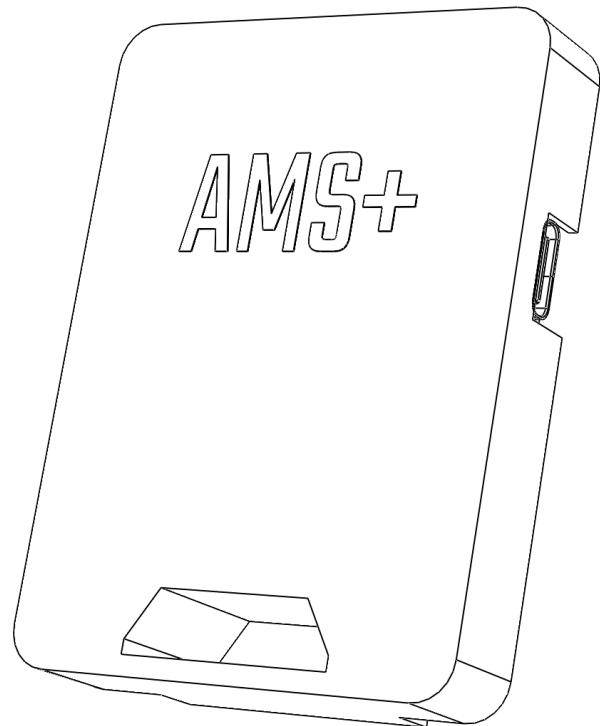


AMS Plus Installation Guide

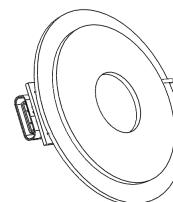
Part 3

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Please read the safety guidelines carefully before



AMS Plus Part4
x1



Wireless Charging Transmitter
x1



N35 Magnet $\Phi 5 \times 3$ mm
x4

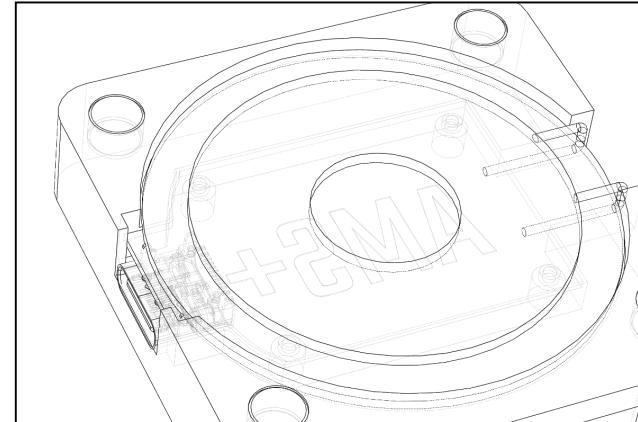


AMS Plus Installation Guide

Part 3

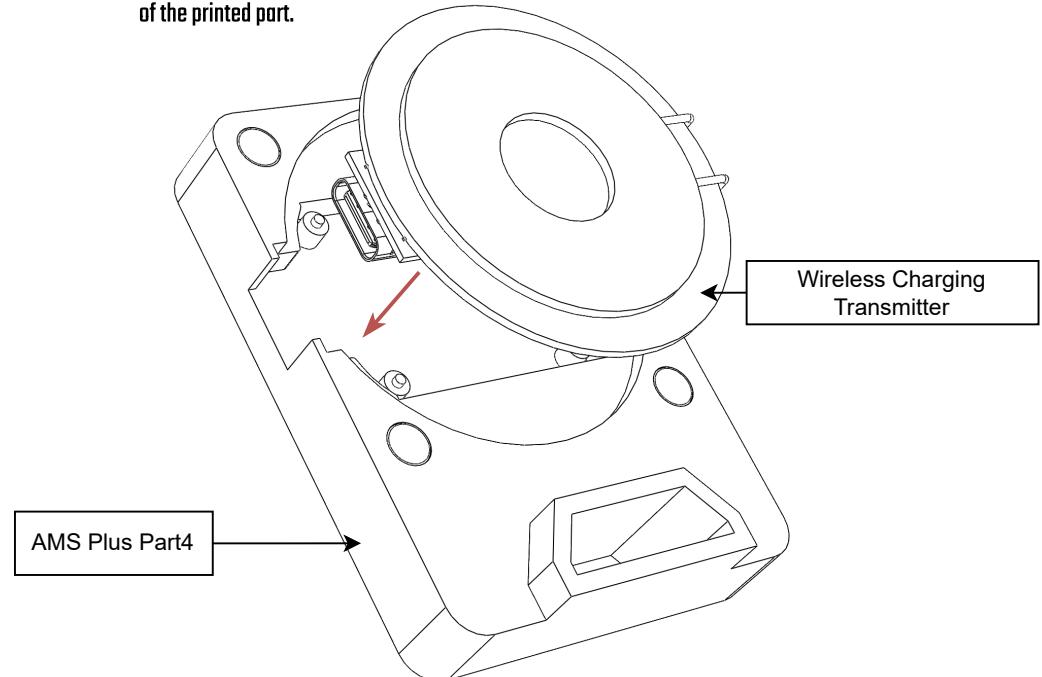
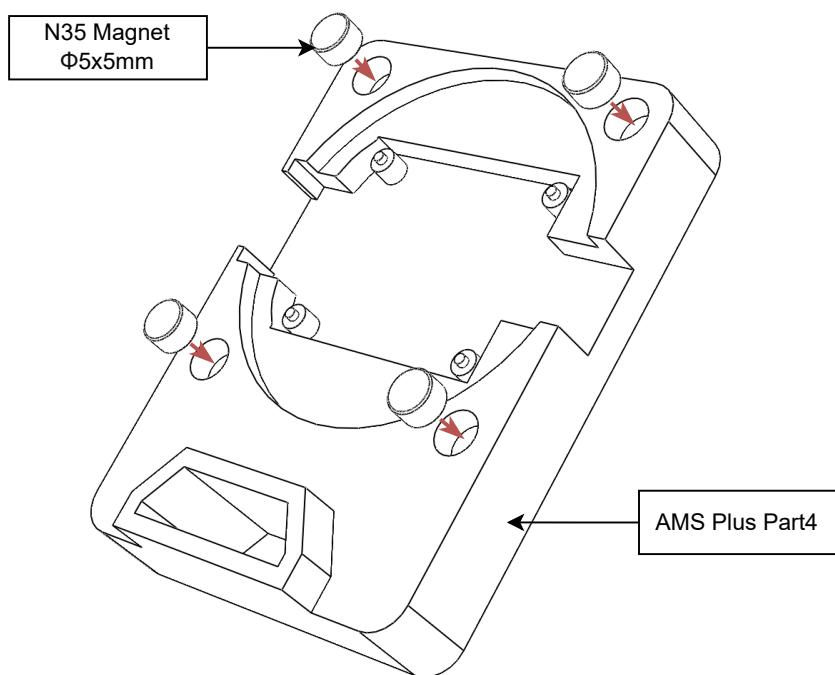
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Please read the safety guidelines carefully before



1. Align the four holes on the wireless charging board and mount it onto the printed part.

2. Peel off the backing paper of the wireless charging coil and attach the coil to the platform of the printed part.



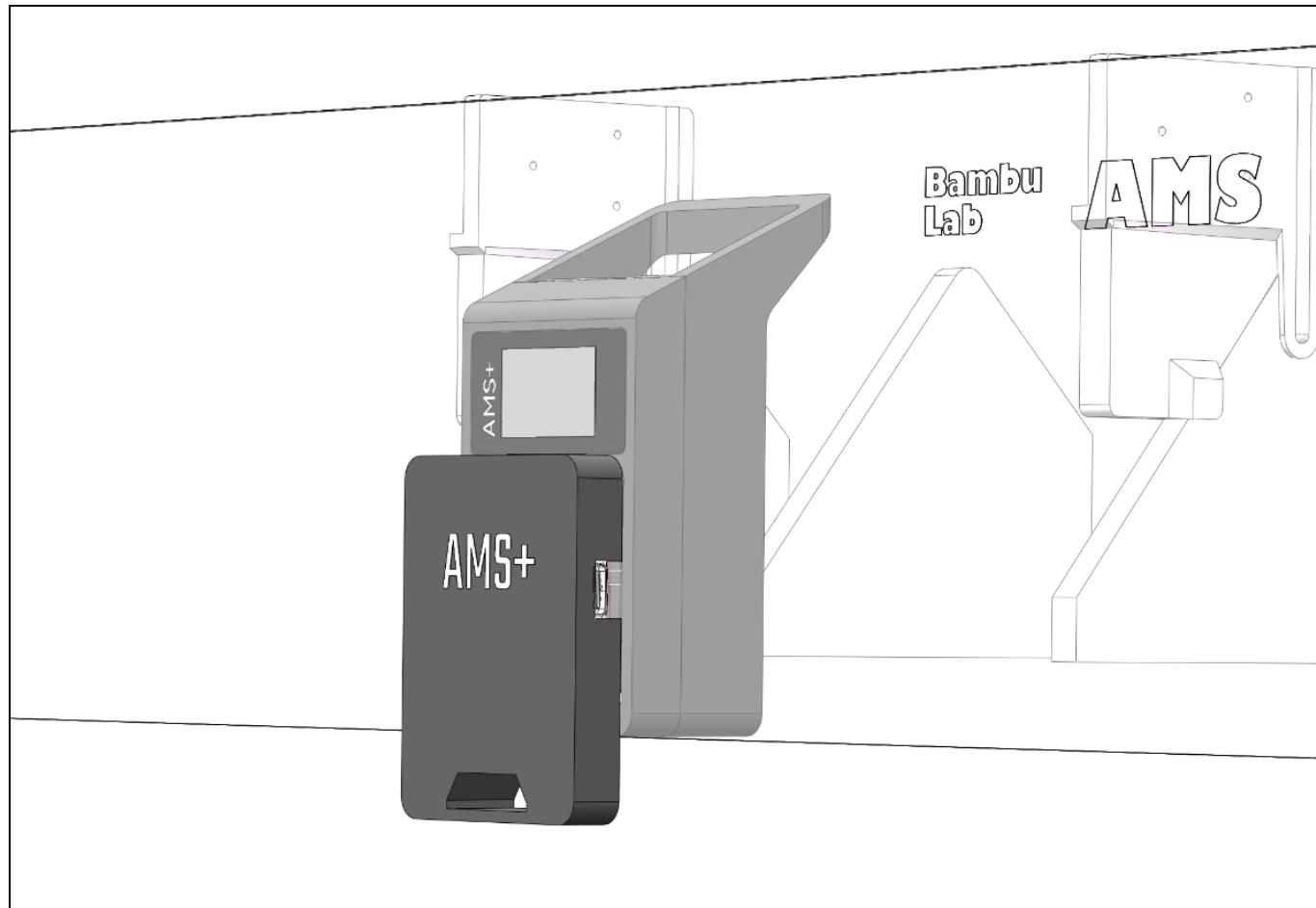


AMS Plus Installation Guide

Full Machine Installation

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Please read the safety guidelines carefully before





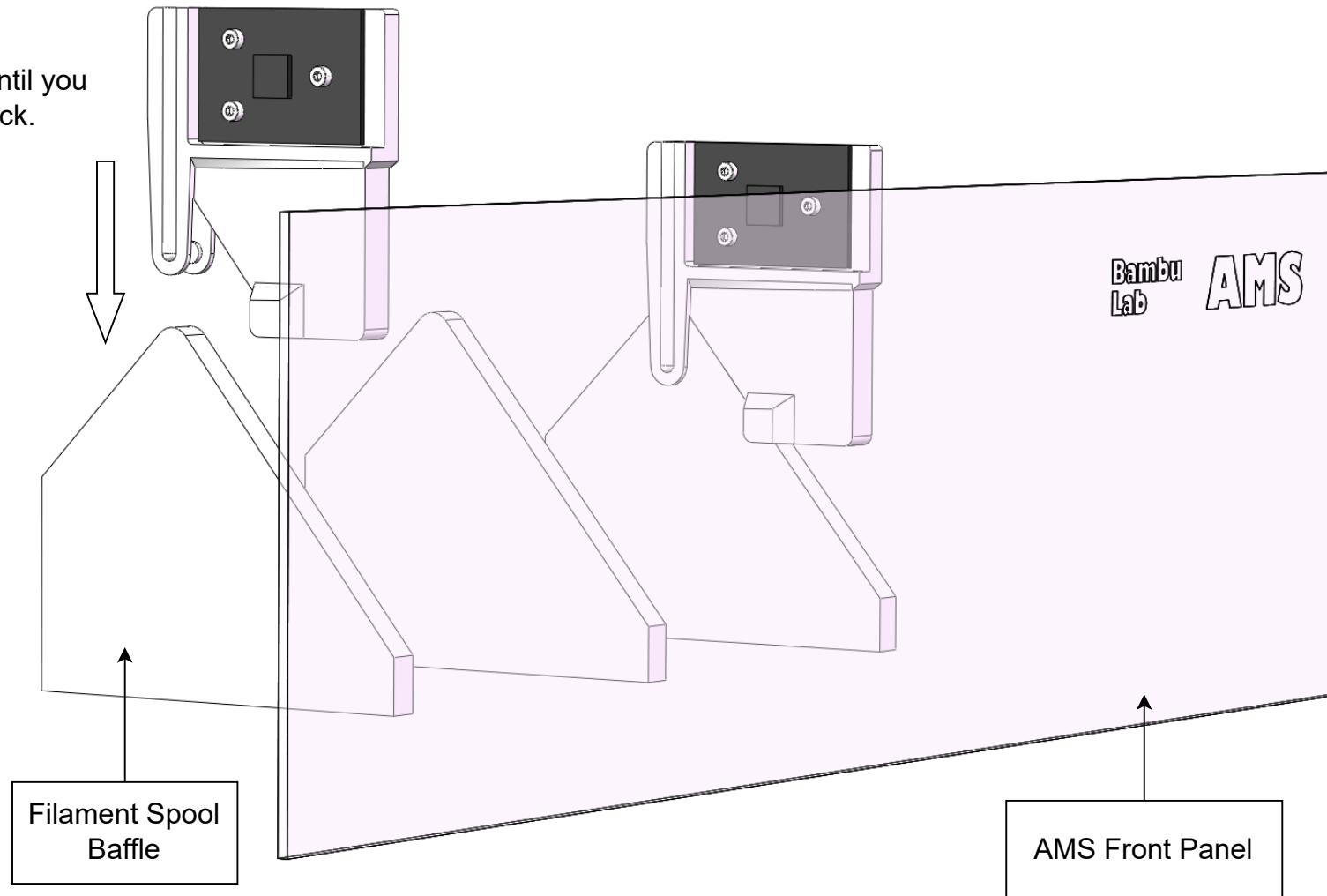
AMS Plus Installation Guide

Full Machine Installation

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Please read the safety guidelines carefully before

Push down until you
hear a click.





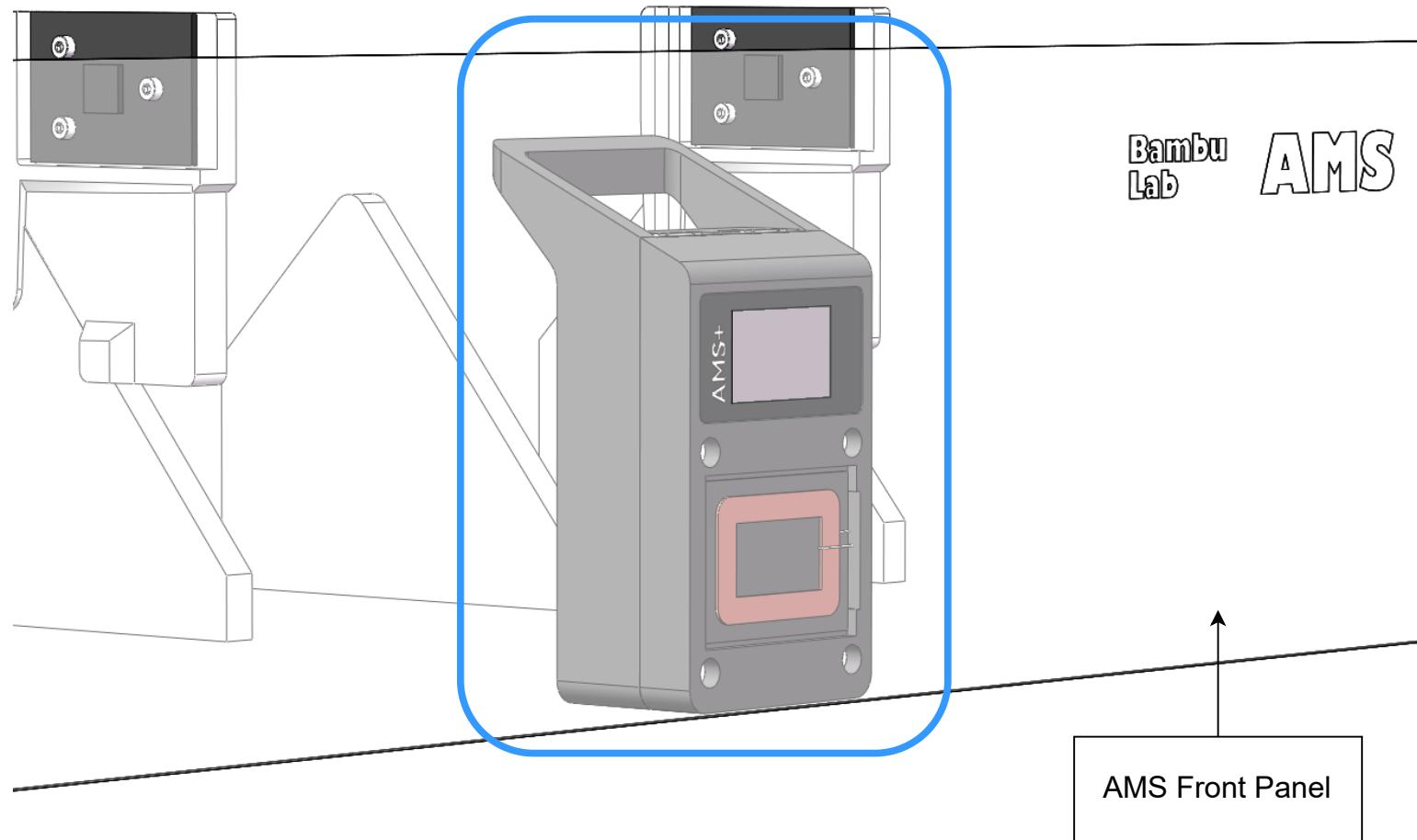
AMS Plus Installation Guide

Full Machine Installation

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Please read the safety guidelines carefully before

Place the AMS Plus main body in the
vacant space at the center of the AMS.



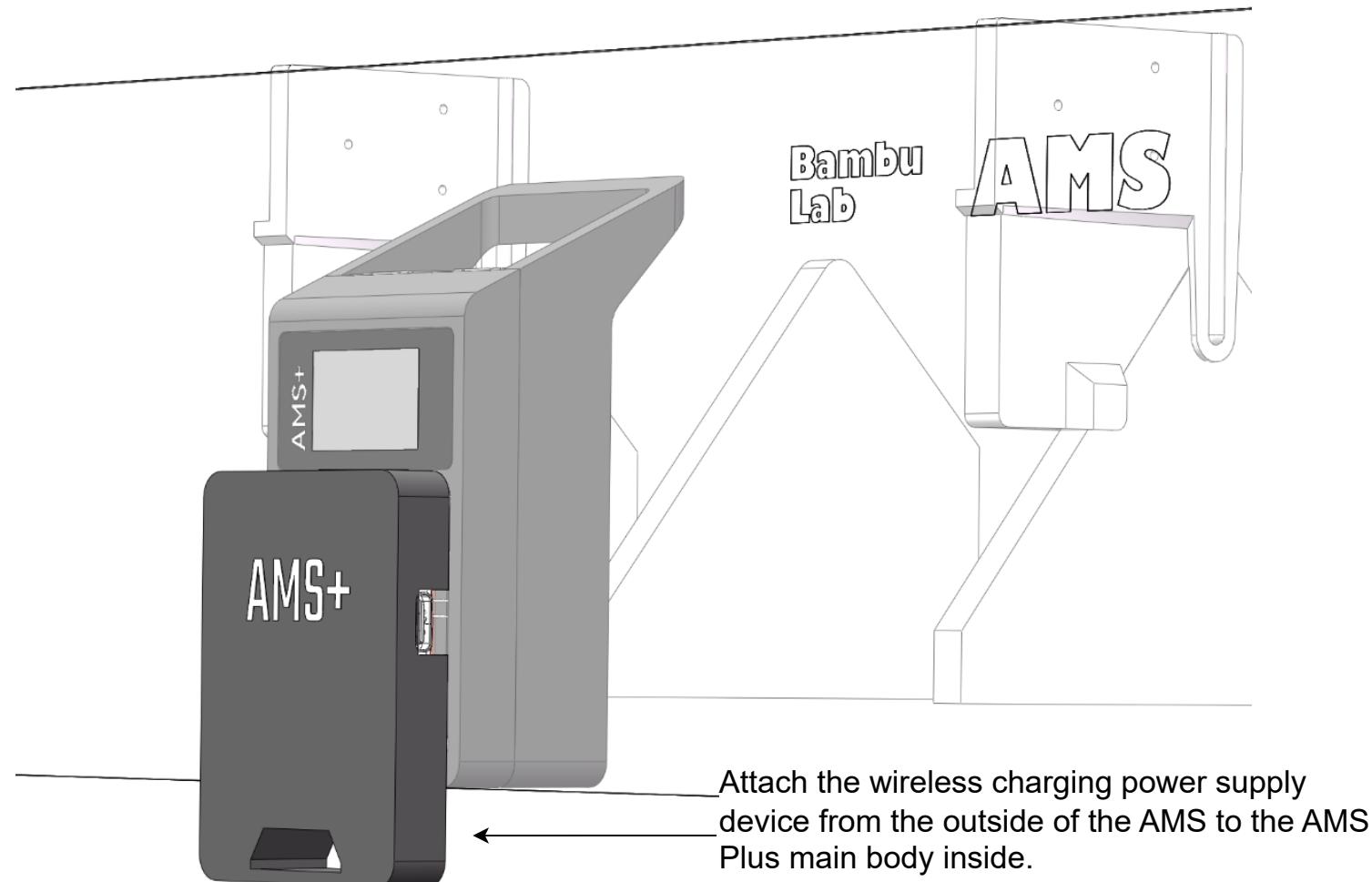


AMS Plus Installation Guide

Full Machine Installation

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Please read the safety guidelines carefully before



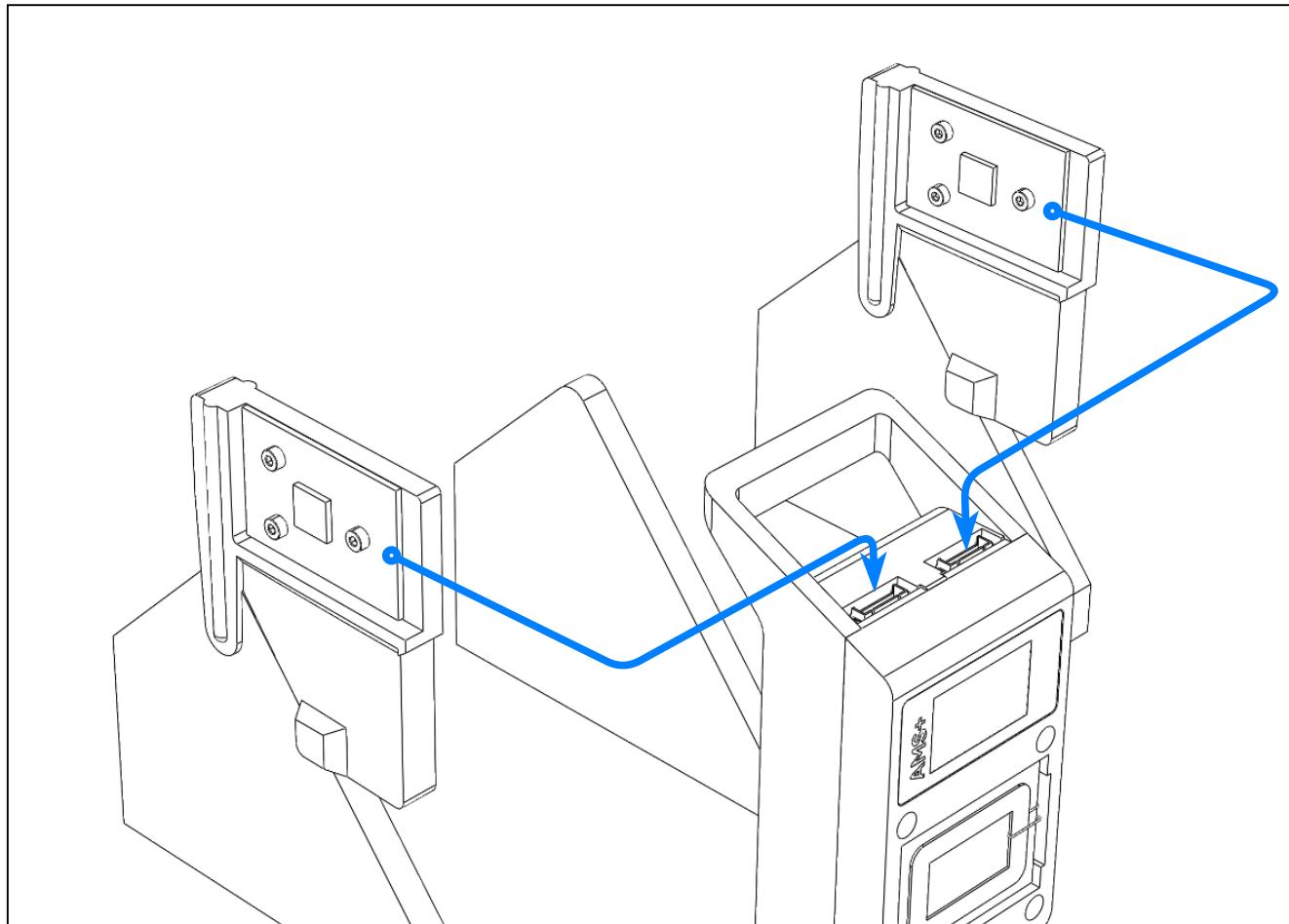


AMS Plus Installation Guide

Full Machine Installation

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Please read the safety guidelines carefully before



Connect the RC522 module cable (MX1.25-7P) to the AMS Plus main body, paying attention to the orientation of the cable.



AMS Plus Installation Guide

Full Machine Installation

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Please read the safety guidelines carefully before

Bambu
Lab

AMS

Use a Type-C cable to connect the wireless charging module and power it with a PD-compatible power adapter.

If the screen on the AMS Plus main body lights up.

Congratulations! You have successfully completed the entire AMS Plus installation process. You're ready to start using it!

