



MOTOROLA SOLUTIONS

VB400 BATTERY REPLACEMENT GUIDE

HOW TO REPLACE A VB400'S BATTERY IN THE FIELD

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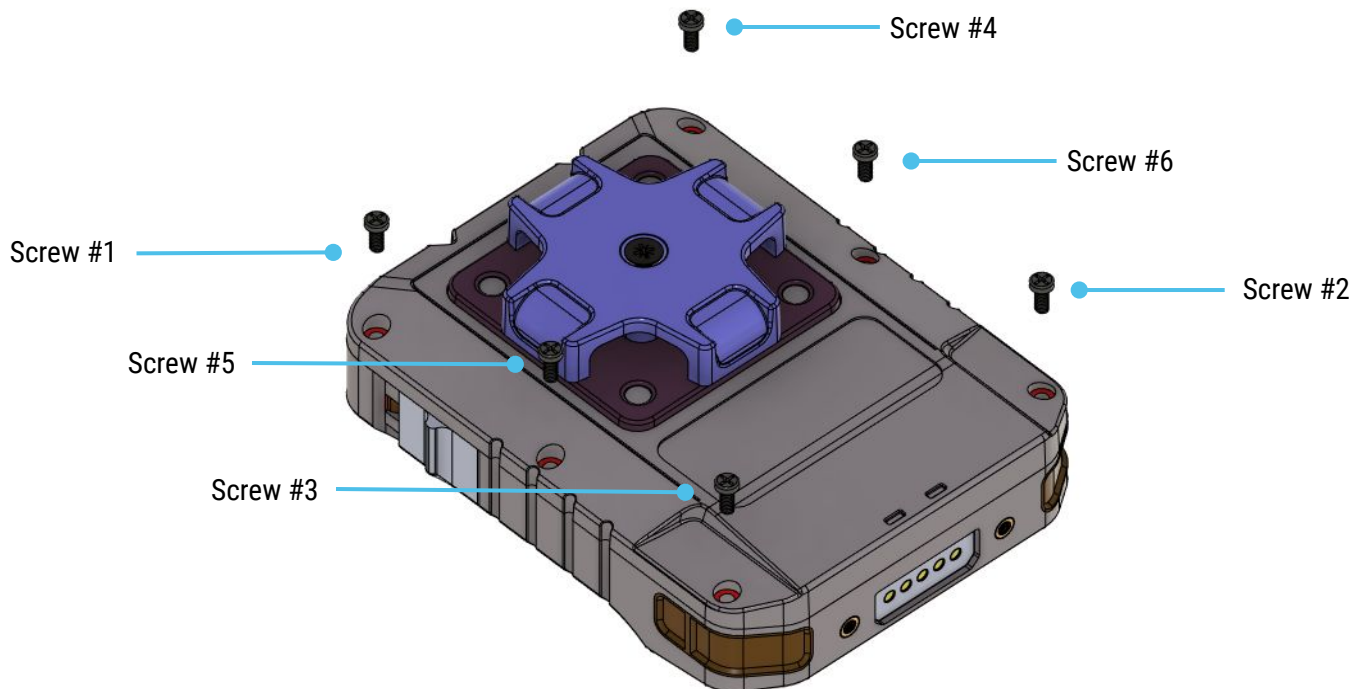
INTRODUCTION

This document will walk you through replacing the battery of a VB400. Before you begin, please ensure you have the following equipment in front of you:

- 1 x VB400
- 1 x VB400 solo dock, connected to a PC running VideoManager
- **FRU/P/0761** (BATTERY 3300mAh TWS VB3300 96pcs) - 1 x new battery required
- **FRU/P/1000** (BATTERY TRAY VB400 with adhesive V2 100pcs) - 1 x new battery tray required
- **FRU/P/1003** (SCREW M2x6 Mach PH-PHIL PIST- BNZP 1000pcs) - 6 x new M2 x 6mm screws (for the VB400's outer casing) required
- **FRU/P/0917** (SCREW M1-7x7 Stap PH-PHIL PIST-BZP 1000pcs) - 4 x new M1.7 x 5mm screws (for the VB400's battery tray) required
- 1 x torque set screwdriver PH1 3.5 inch pounds
- 1 x torque set screwdriver PH0 2 inch pounds
- 1 x ESD tweezers
- 1 x ESD wrist strap
- 1 x connector extractor or nose pliers

REMOVE THE BACKPLATE

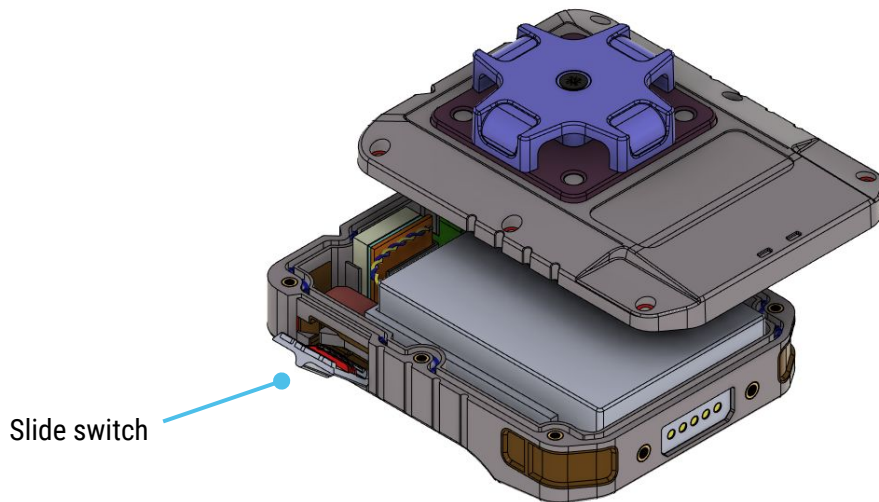
1. Ensure you are wearing the **ESD wrist strap**.
2. Using **screwdriver PH1**, remove the 6 screws from the backplate of the VB400 in a criss-cross fashion (starting with the screw in the top left, and ending with the screw in the bottom right).



2. Lift the VB400's backplate off the device, and set aside.

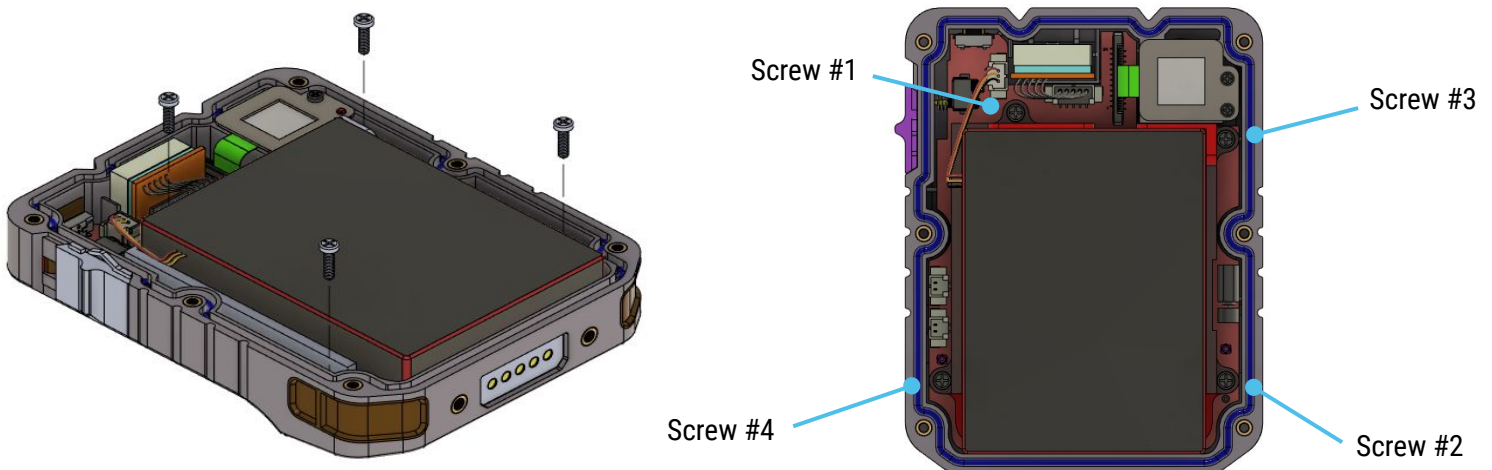


PLEASE NOTE: The VB400's slide switch may fall off. Ensure you keep it somewhere safe for the duration of the battery replacement.



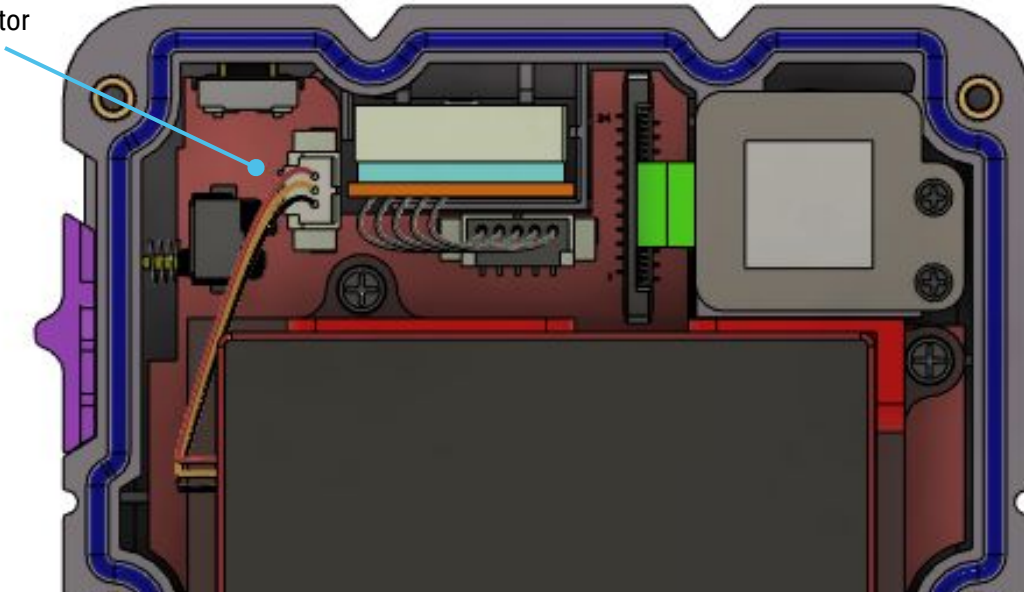
REMOVE THE BATTERY TRAY & BATTERY

1. Using **screwdriver PH0**, unscrew the 4 screws from the battery tray of the VB400 in a criss-cross fashion (starting with the screw in the top left, and ending with the screw in the bottom right).

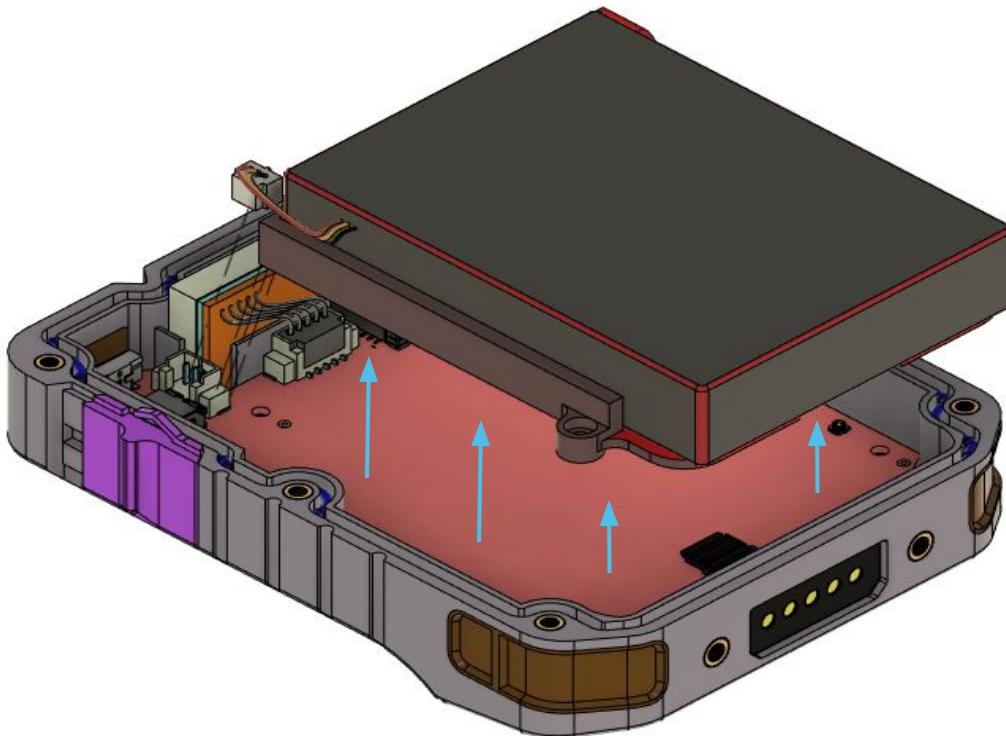


3. Using a **connector extractor** or nose plier, unseat the battery connector by pulling the three connected wires upwards gently.

Battery connector

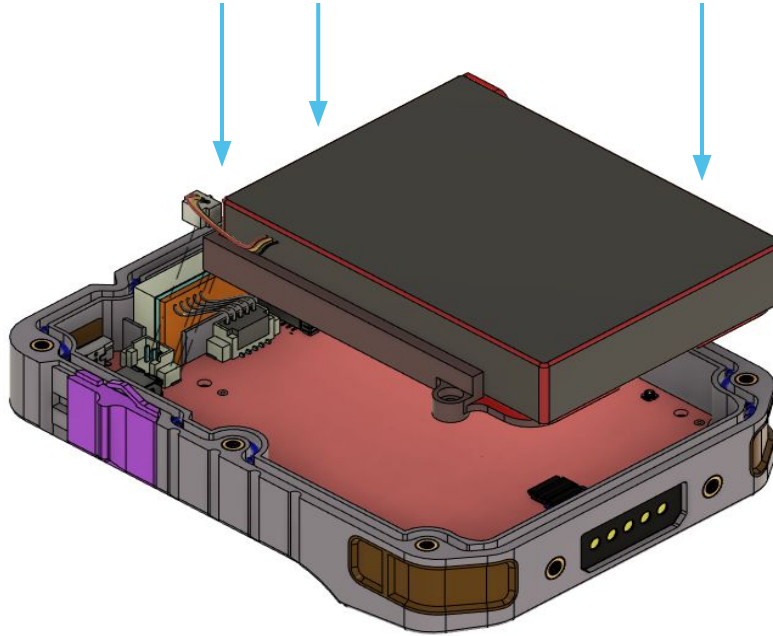


4. Remove the battery and battery tray, and discard both appropriately.



REPLACE THE BATTERY TRAY & BATTERY

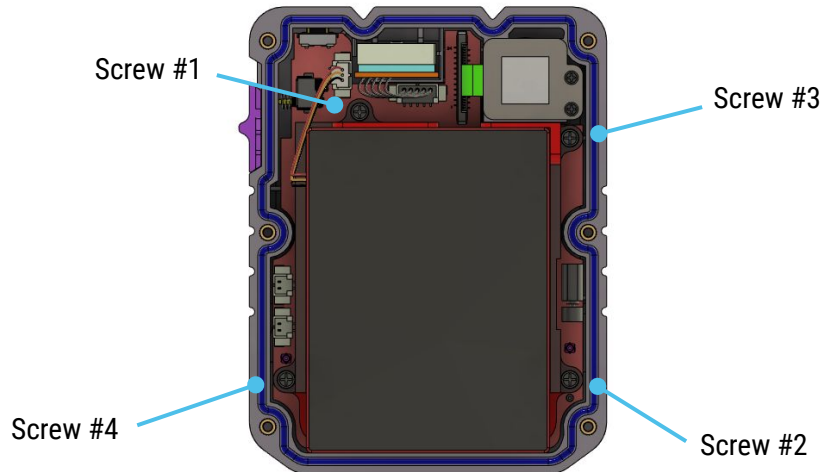
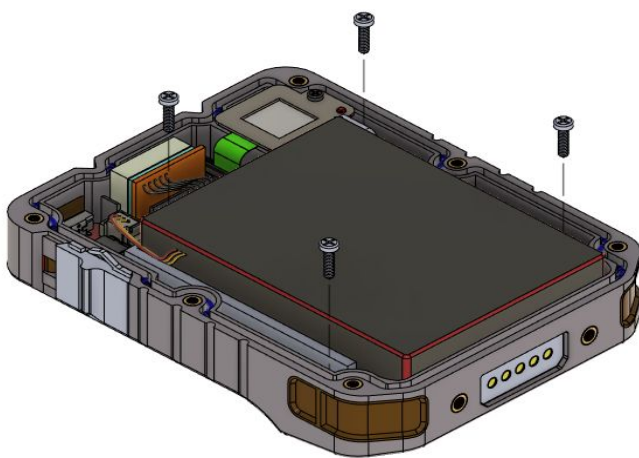
1. Place the new battery and battery tray in the device.



2. Using the **tweezers**, insert the battery connector into its corresponding connector housing.

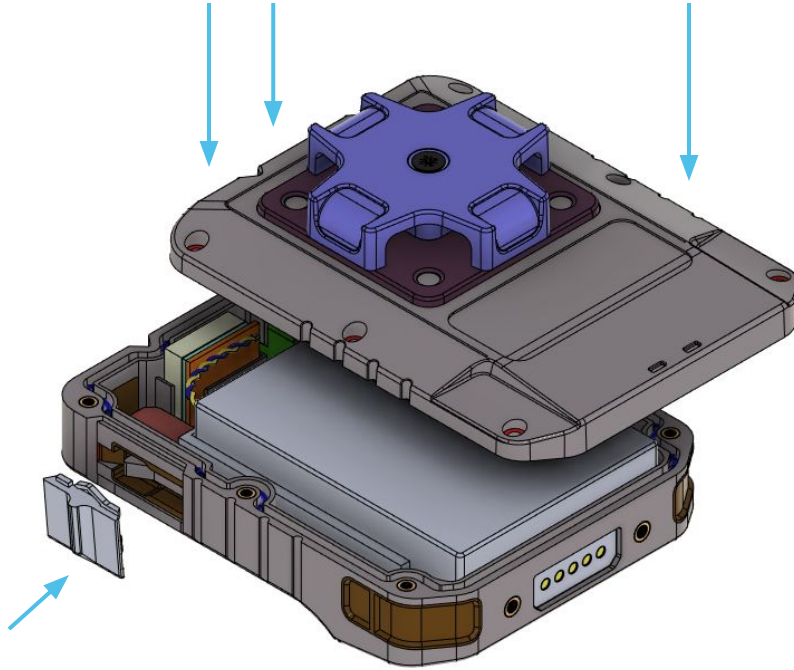
3. Place the 4 new M1.7 x 5mm screws in their corresponding positions on the battery tray.

4. Using **screwdriver PH0**, tighten the screws in a criss-cross fashion (starting with the screw in the top left, and ending with the screw in the bottom right).



REPLACE THE BACKPLATE

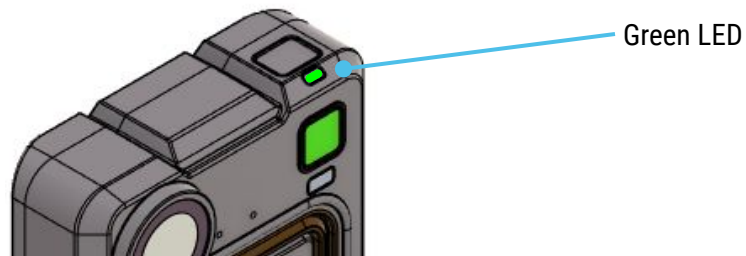
1. Slide the VB400's slider back into its slot on the side of the device.
2. Place the VB400's backplate back on the device.



2. Place 6 new M2 x 6mm screws in their corresponding positions on the device.
3. Using **screwdriver PH1**, tighten the screws in a criss-cross fashion (starting with the screw in the top left, and ending with the screw in the bottom right).

TEST THE VB400

1. Redock the VB400 in its solo dock. If the battery replacement has been successful, it will beep and the LED on the top of the device will flash green.





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