HP HX4700 / HX4705 Series Back Up Battery Replacement Guide

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Introduction

This guide aims to provide some assistance and tips for a DIY replacement of the back up battery for the hx4700 series iPAQ (hx4700 / hx4705)

A faulty back up battery is often to blame for a wide range of iPAQ memory issues such as the loss of all data and custom settings when the units main battery power is completely depleted, a replacement back up battery will cure your unit of its temporary amnesia.
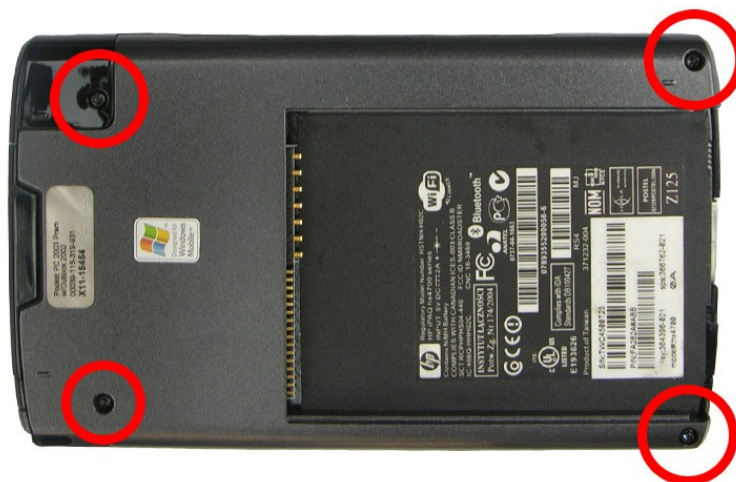
Required Tools

- A Torx size 6 (T6) Screwdriver (available here in the tools section of the website, suitable for all models).
- A new back up battery for the hx4700 (available here).

Stage One – Unit Disassembly

It is advisable to back up any important data currently held on your iPAQ unit, once you are ready to begin prepare a clean and safe work surface in order to protect your hx4700 screen when the iPAQ unit is face down. The first step is to remove your stylus, memory cards (SD and CF) and the main battery.
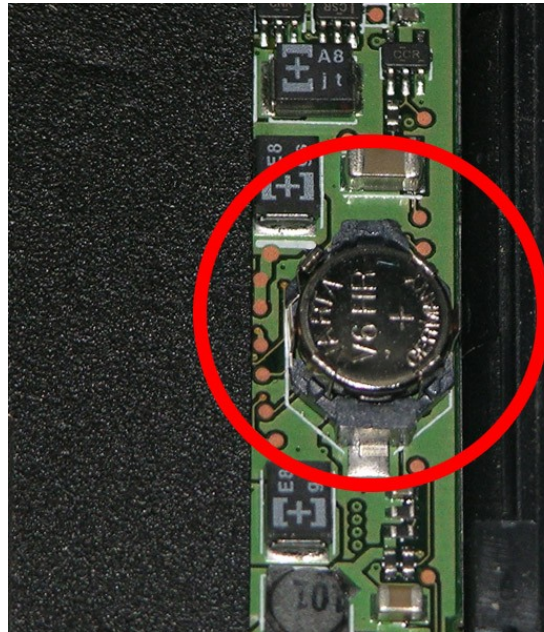
Once complete, use a Torx 6 screwdriver to unscrew the 4 case screws shown in the picture below.

The rear case should just unclip allowing you access to the units logic board.

Stage Two – Replacing the Backup Battery

The backup battery is located on the right side of the unit above the screen ribbon cable.

Use a small tool such as a jewellers flathead screwdriver or a credit card corner to pop out the backup battery from its holder on the logic board.

Once complete you should be able to install your new backup battery and re-attach the rear case of your unit. Re-install the main battery and power the unit on.

Remember to leave the unit on charge for 24 hours allowing the backup battery to fully charge and calibrate.

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