



Dell Inspiron 7500 Battery Teardown

Teardown of the 1999/2000 year model Dell Inspiron 7500 laptop battery. Battery model BAT-30IL

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Rechargeable Lithium-Ion Battery

Model: BAT-30IL

Rating: 14.8V... , 5400mAh

Charging Current: 2.5A

Lithium Ion Battery

Not dangerous for transportation

For use with PPI series

WARNING: Burn Hazard DO NOT disassemble, crush, puncture, or incinerate.
DO NOT short external contacts. DO NOT expose to temperatures above 140°F 60°C.

CAUTION: DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE RECOMMENDED BY THE MANUFACTURER. DISCARD USED BATTERIES ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.

ATTENTION: IL Y A DANGER D'EXPLOSION SIL Y A REMPLACEMENT INCORRECT DE LA BATTERIE. REMPLACER UNIQUEMENT AVEC UNE BATTERIE DU MÊME TYPE OU D'UN TYPE RECOMMANDÉ PAR LE CONSTRUCTEUR. METTRE AU RÉBUT LES BATTERIES USAGÉES CONFORMÉMENT AUX INSTRUCTIONS DU FABRICANT.

VORSICHT: Explosionsgefahr bei unsachgemäßen Austausch der Batterie. Ersatz nur durch denselben oder einen vom Hersteller empfohlenen ähnlichen Typ. Entsorgung gebrauchter Batterien nach Angaben des Herstellers.

VAROITUS: Paristo voi räjähtää, jos se on virheellisesti asennettu. Vaihda paristo ainoastaan laitevalmistajan suosittelemaan tyyppiin. Hävitä käytetty paristo valmistajan ohjeiden mukaisesti.

ADVARSEL!: Lithiumbatteri-Eksplasionfare ved fejlagtig håndtering. Udskifting må kun ske med batteri af samme abrikat og type. Lever det brugte batteri til leverandøren.

VARNING: Explosionsfara vid felaktigt batterydje. Använd samma batterityp eller en ekvivalent typ som rekommenderas av apparat tillverkaren. Kassera använd batteri enligt fabrikantens instruktion.



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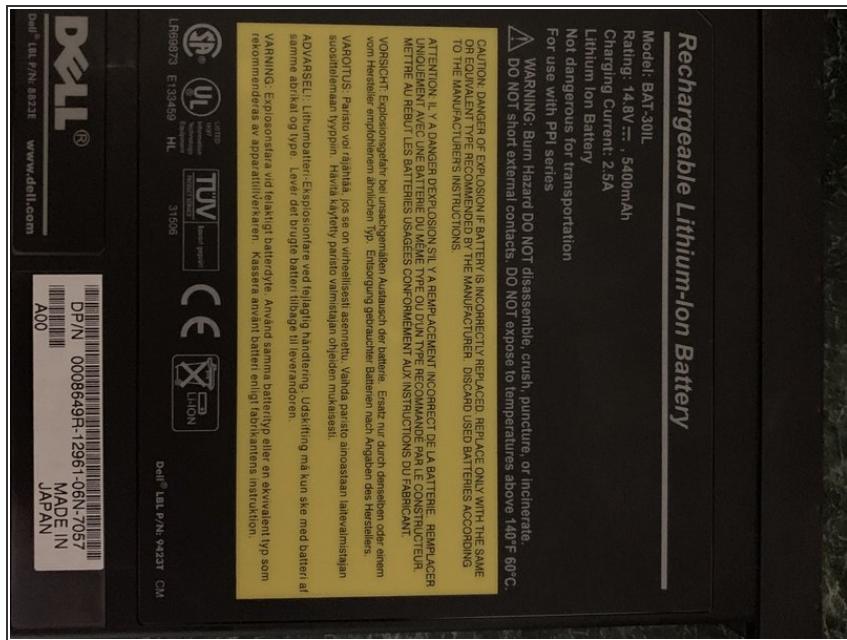
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MADE IN JAPAN

Step 1 — Dell Inspiron 7500 Battery Teardown



- The battery....

Step 2



- Underside of battery, as you can see the slide part comes off. the slide part is there to adjust for if the battery is on the left or right bay of the laptop.

Step 3



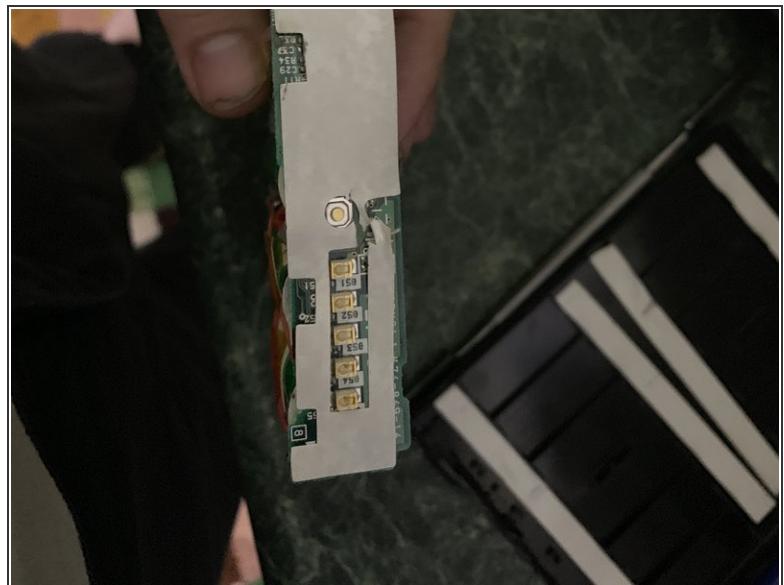
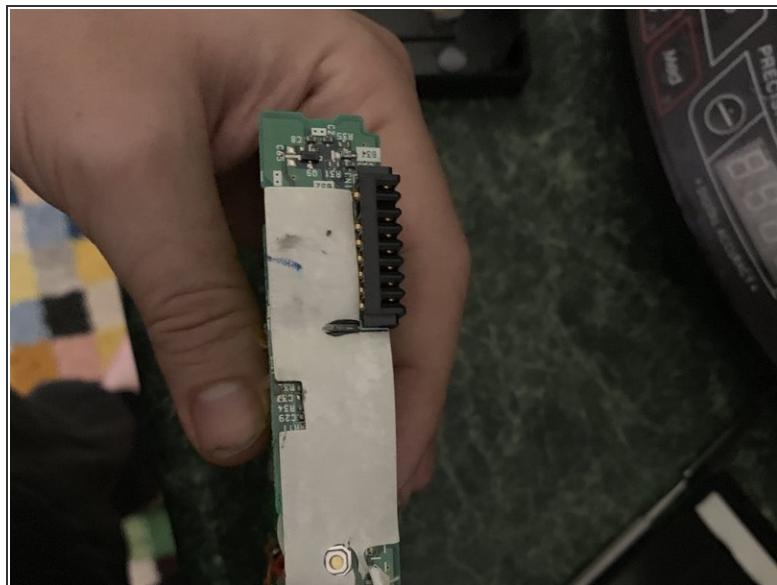
- Top of battery pack with upper case removed. Case is NOT glued on, but is clipped on. You can see the case clips (and damaged top retention areas) from where I pulled it apart.

Step 4



- Wiring. Three leads for balance charging., red and black are for the 14.8v connections. The pack is separated into 4 sets of 3 cells each run in series.

Step 5



- Battery connector on PCB