



SAVE THESE INSTRUCTIONS

NOTE: Check all parts for shipping damage. If damage is found, DO NOT use. Contact Carrier/Invacare for further instructions.

Safety Summary

To ensure the safe and proper replacement of the XPO₂ battery, these instructions **MUST** be followed:

⚠ WARNING

DO NOT use this product or any available optional equipment without first completely reading and understanding these instructions and any additional instructional material such as owner's manuals, service manuals or instruction sheets supplied with this product or optional equipment. If you are unable to understand the warnings, cautions or instructions, contact a healthcare professional, dealer or technical personnel before attempting to use this equipment - otherwise, injury or damage may occur.

CAUTION

Ensure not to damage ribbon cable when removing or installing front cover.
DO NOT use Methyl Ethyl Ketone (MEK). This will damage the plastic.

Accessing XPO₂

⚠ WARNING

When accessing the XPO₂ remember that battery power is still being applied to the internal (PCB) printed circuit board. Care **MUST** be taken to minimize contact with the PCB. DO NOT use any kind of tool (screwdriver, pliers, etc.) when working on the internal structure, otherwise, injury and/or damage may occur. Battery power remains on the PCB as long as the battery connection is made to the PCB.

NOTE: For this procedure, refer to FIGURE 1.1 and FIGURE 1.2 on page 2.

1. Remove label from the top of the XPO₂ (FIGURE 1.1).

*NOTE: This label adheres to the front and rear sections of the XPO₂. This label **MUST** be removed to separate the two sections.*

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please visit www.invacare.com**



FIGURE I.1 Remove/Install label

2. Position the XPO₂ so that the back panel label is facing up (Detail “A” in FIGURE 1.2).
3. Remove the four mounting screws from the back of the XPO₂ using a T15 Torx[®] screwdriver (Detail “A” in FIGURE 1.2).

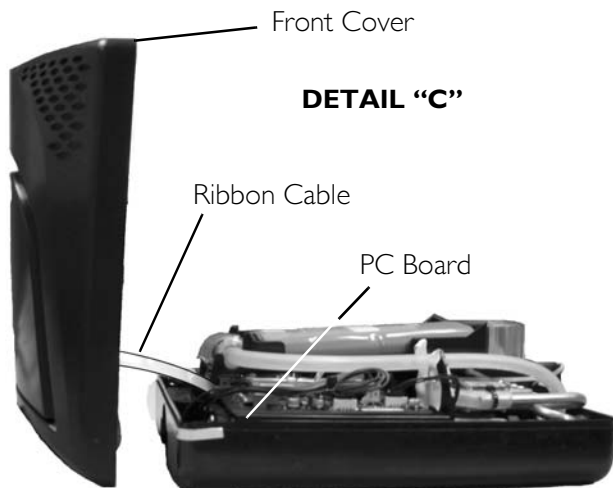
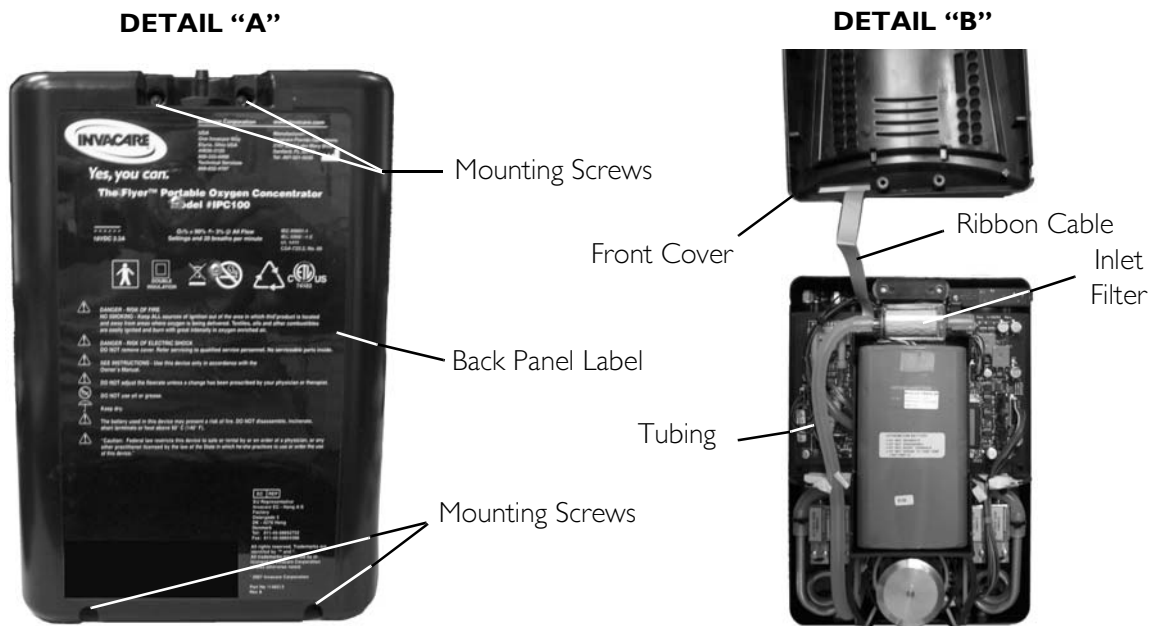


FIGURE I.2 Removing the Front Cover

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4. While holding the unit together rotate the XPO₂ and position it so that the back panel label is facing down.

NOTE: The ribbon cable is connected to the front cover and the PC board. Only open the XPO₂ as shown in Details “B” and “C”.

5. Slowly, open the front cover ensuring not to damage the ribbon cable (Detail “B” and Detail “C” in FIGURE 1.2).

Replacing the Battery

CAUTION

Before handling the P.C. board, ensure you are properly grounded to prevent static damage to the components of the board. A static cuff **MUST** be worn and properly grounded using an alligator clip. Electrical conduit or a water pipe is normally sufficient when a known good ground is unavailable. Care should be taken to ensure that the alligator clip contacts a bare metal surface.

NOTE: For this procedure, refer to FIGURE 1.3.

1. Perform the steps in [Accessing XPO₂](#) on page 1.
2. Remove the inlet filter with tubing attached from the holder.
3. Disconnect the battery wiring harness from the PC board.
4. Remove the battery from the thermal pad and battery tray.

NOTE: The thermal pad is between the battery and the bottom of the tray. It is a soft “dough-like” material that adheres to the tray. If thermal pad is damaged or pulled up during battery removal it **MUST** be replaced.

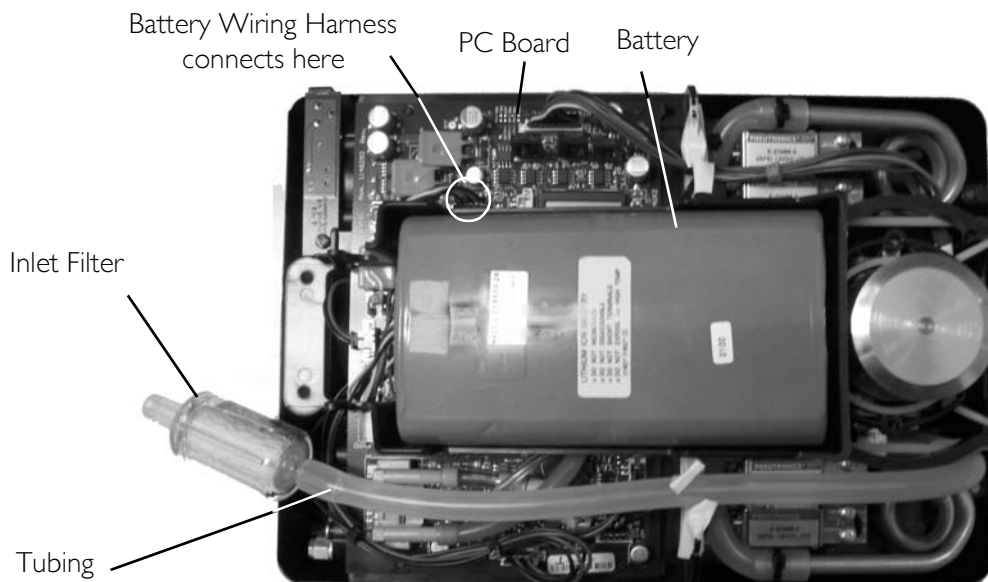


FIGURE 1.3 Replacing the Battery

NOTE: When installing new battery, ensure the battery is label side up.

5. Position new battery on thermal pad as shown.
6. Connect the battery wiring harness to the PC board.
7. Install inlet filter with tubing into holder.
8. Re-assemble the XPO₂. Refer to Re-assembling the XPO₂.

Re-assembling the XPO₂

NOTE: For this procedure, refer to FIGURE 1.2 on page 2.

1. Carefully, re-install the front cover onto the XPO₂.
2. Turn the XPO₂ On to ensure proper operation.
3. Turn XPO₂ Off.
4. While holding the unit together, position the XPO₂ so that the back panel is facing up (Detail "A" in FIGURE 1.2).
5. Install four mounting screws and secure the two sections of the XPO₂ together (Detail "A" in FIGURE 1.2). Securely tighten.
6. Remove the glue residue by applying 91% isopropyl alcohol, and wiping with a clean cloth. Make sure the surface is dry and free of any residue. This will ensure a good seal for the new label.
7. Install replacement label on the top of the XPO₂ so that it adheres to both the front and rear sections.



Yes, you can.

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Part No 1154285

Rev A- 4/08