



Battery Removal and Installation Guide



Stick with the Specialists®

Symbols Used



A Caution is used to warn you of situations where serious consequences may result unless you take the appropriate action. Pay attention to Cautions.



The info icon is used to draw attention to items that may be of particular value.

Introduction

This guide outlines the process for both removing and installing the battery included in your StarMOBILE device. This guide is intended for use by the owner of the StarMOBILE system, allowing field removal or replacement of the StarMOBILE battery.



All procedures in this document must be performed with the StarMOBILE device powered off and all external power sources (e.g. vehicle cable, MDS2 DIN cable, AC power transformer) disconnected.

Notice Regarding Battery Recycling



A lithium ion battery powers the StarMOBILE system. We have made arrangements to allow you to recycle this battery and would ask that you aid us in our effort to protect the environment. Please call 800.822.8837 for information on how to recycle this battery.



Battery Pack Precautions

- **Avoid Heat**
Do not throw the battery pack into a fire or expose it to excessive heat.
- **Do Not Disassemble**
Do not attempt to disassemble the battery pack or expose it to sharp objects.
- **Keep Articles Away**
Do not place the battery pack with mechanic tools, paper clips, or other electrically conductive materials.
- **Avoid Temperature Extremes**
Do not leave the battery pack for extended periods where it will be exposed to direct sunlight, in a hot place, or a cold place. If placing the StarMOBILE system in a customer vehicle where ambient temperature may be outside of the suggested StarMOBILE operating temperature range, first remove the battery from the StarMOBILE system.
- **Stop Use**
Should the battery emit an abnormal odor, become hot to the touch, become discolored, change shape, or become in any way different from normal, immediately remove it from the StarMOBILE system and stop using it.
- **Improper Use**
Do not use the StarMOBILE unit with a battery pack other than the one specified for use with the StarMOBILE system. Doing so may damage the StarMOBILE unit and void the StarMOBILE system warranty.

Removing Your StarMOBILE Battery

The following steps will guide you through removal of the StarMOBILE battery.

Strap Removal



1. Unhook strap as shown.
2. Pull strap through plastic retaining loops.
3. Set strap aside.

Antenna Removal



1. Remove antenna by lightly twisting in a counterclockwise direction.
2. Set antenna aside.

Protective Boot Removal



1. Open the protective covers on both the top and bottom of the unit. These are the rectangular rubber inserts that protect the cable connectors.
2. Peel the top left corner of the Protective Boot away from the StarMOBILE plastic case as shown in the diagram.



3. Peel the Protective Boot top right corner away from the StarMOBILE plastic case as shown in the diagram.

Protective Boot Removal (continued)



4. Peel the bottom left corner of the protective boot away from the StarMOBILE plastic case as shown in the diagram.
5. Remove the StarMOBILE device from the Protective boot and set the boot aside.

Battery Cover Door Removal



1. Place the StarMOBILE device face down as shown in the diagram above.
2. Loosen the screw on the battery cover using a 3/16 slotted screwdriver.
3. Remove the battery cover door as shown in the above diagram above.

Battery Removal



1. Gently remove the battery from the compartment without causing strain on the battery connector wires as shown in the diagram above.



Note the orientation of the battery connector wires and the label on the battery before removing the battery. You will want to use this same orientation when you reinstall the battery.

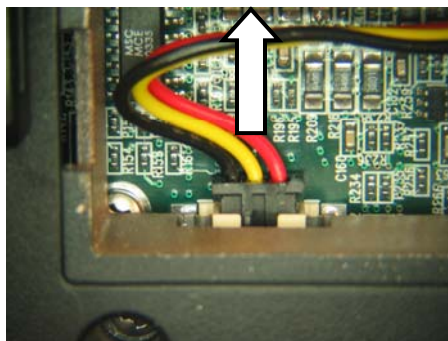


DO NOT make contact with the printed circuit board components.



DO NOT pull on the battery connector wires.

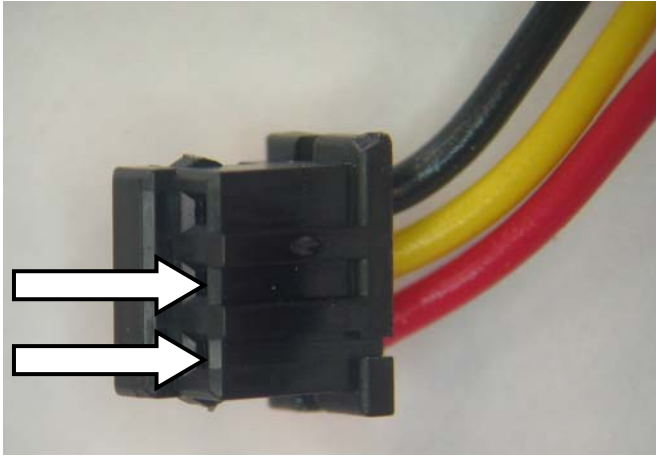
2. Grasp the battery connector and gently pull straight out in the direction of the arrow as shown in the diagram below.



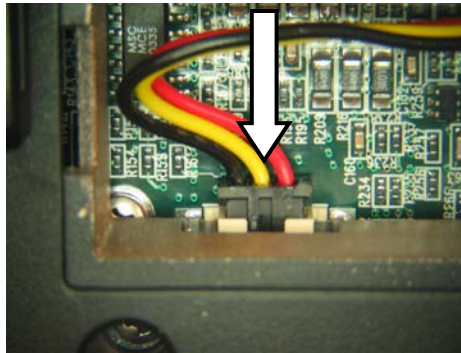
Installing Your StarMOBILE Battery

The following steps will guide you through installation of the StarMOBILE battery.

Battery Installation



1. Note the polarization on the battery connector as shown in the diagram.



2. Plug the battery connector straight into the connector by applying pressure only to the connector housing in the direction of the arrow as shown in the diagram.



DO NOT apply pressure to the wires.



Make sure the label of the battery is facing outward so you can read the text once your battery is installed in your StarMOBILE. The foam pad on the battery should be facing into the StarMOBILE.

3. Gently place the battery into the compartment so that it is flush with the printed circuit board.

StarMOBILE Reassembly

1. Reassemble the StarMOBILE device by following the instructions in the *Removing Your StarMOBILE Battery* section of this document in reverse order, beginning with the instructions found under the heading *Battery Cover Door Removal*.



Stick with the Specialists®