Graphic Guide to the Replacement of the SD Card in the GT-400

Tools needed

- ESD Grounding Strap worn at all times
- Antistatic mat clear of debris to protect the terminal from scratches
- #2 Philips Screwdriver for the disassembly of the GT-400
- Torque screwdriver must be used for the reassembly of the GT-400 set to 10.0 in-lbs
Technical Note

Removal of the SD Card

Gently lay the GT-400 on its top panel face down on a clean antistatic mat to protect the surface from scratches and the PCBs from ESD damage.

Warning! - If there is a BB-300 (backup battery) installed, the rainbow cable must be unplugged before the removal of the SD Card.

If the SD card that is present does not have a white TAB on it as shown in the picture above skip to page 4.

Pull white TAB on the SD card towards you and gently guide the SD card out from the slot.

Replacement of the SD Card

This is a picture showing how the SD card is seated into its slot under the boards. If there is a TAB on the replacement SD card there should be no issue guiding the replacement SD card properly into its slot. Once the SD card is properly seated (if applicable) plug the battery back cable back in and the replacement is complete.

Replacement complete

Replacement of the non-TAB SD Card

Remove the two screws highlighted and set aside for reuse.
Technical Note

Removal of the Power board

Remove the two screws highlighted and set aside for reuse. Hold the power board by the edges and gently pull the board towards you and set aside.

Replacement of the SD Card

Insert the SD card so that it is seated properly.

Reinstalling the power board

Making sure your ground strap is on. Align the 2 x 25 pin connector and header and gently mate the two boards.
Secure the power board to the unit using the two screws shown in the image to the right.

**Reinstalling the IO board**

Align the IO’s 2 x 25 pin header and connector and gently press them together making sure that it is installed.

Secure the IO board to the unit with the screws shown in the image above.

70200-0097_B_GT-400 SD Card
Technical Note

Plugging in the battery backup cable if installed

Replacement complete.

For additional information, please contact Customer Care at 877-671-7011.