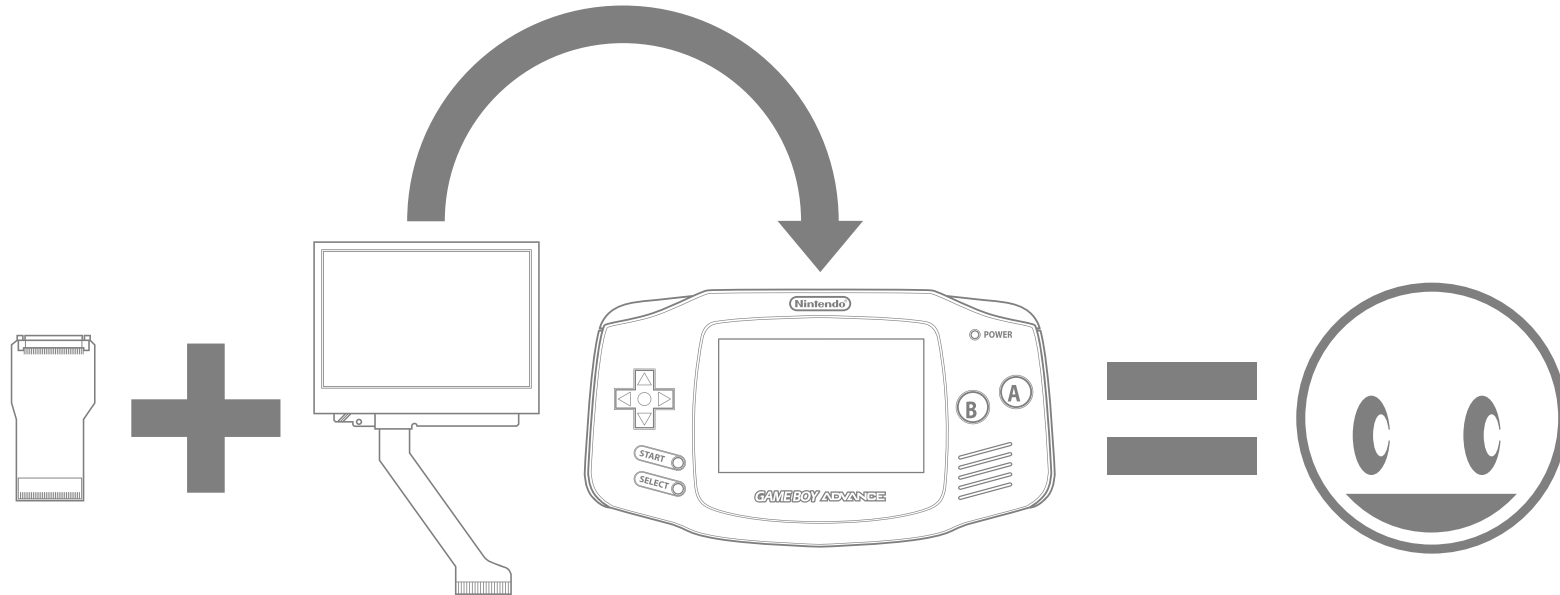
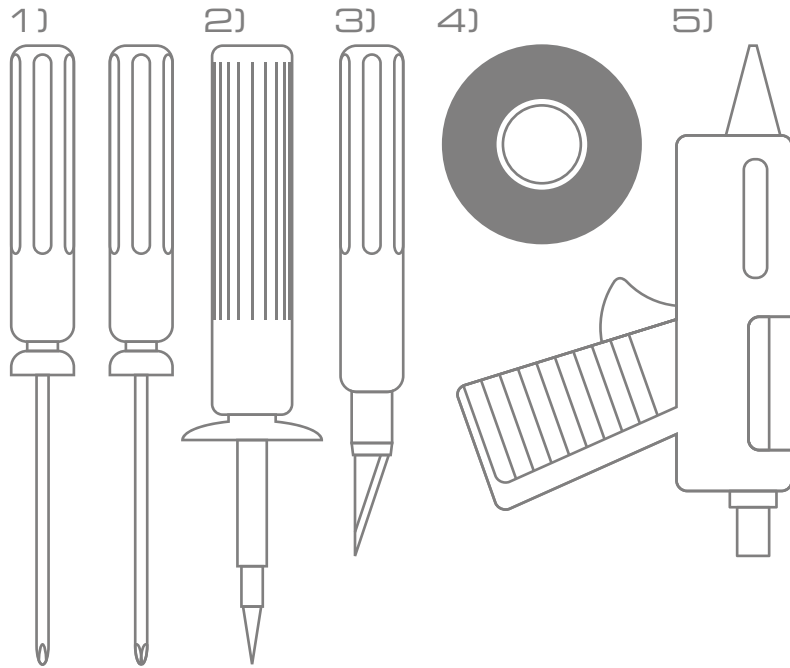


GAMEBOY ADVANCE LIGHT+ MODIFICATION KIT



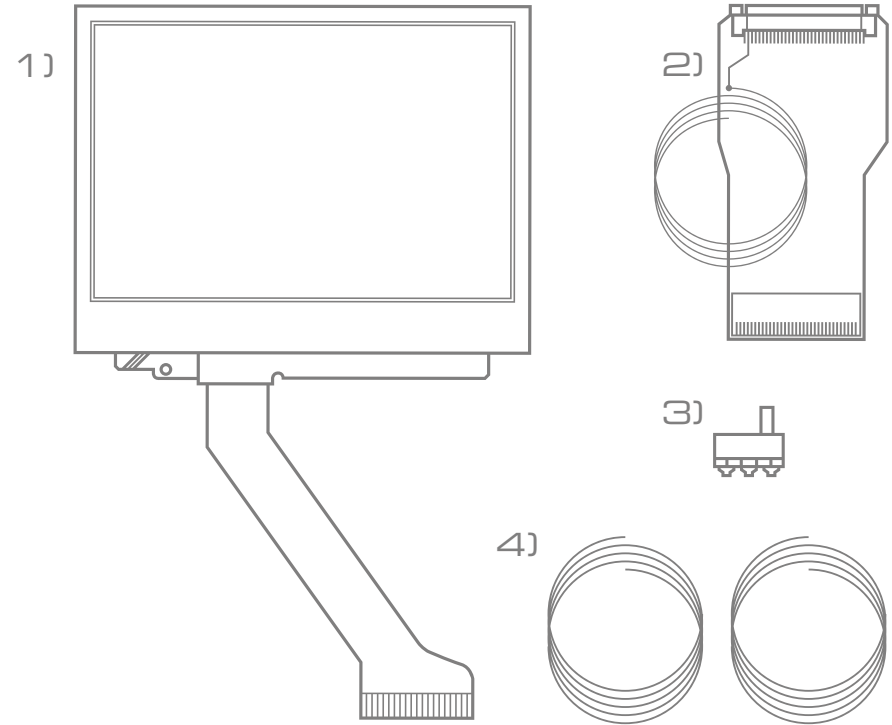
Gameboy Advance AGS-101 screen installation
and hardware modification instructions
(covers both 32 and 40 pin models)

GAMEBOY ADVANCE LIGHT+ MODIFICATION KIT



Tools Required:

- 1) Small Tri-Wing & Philips Screwdrivers
- 2) 15W-30W Soldering Iron & Solder
- 3) Hobby Knife and/or Rotary Tool
- 4) Electrical Tape
- 5) Hot Melt Glue



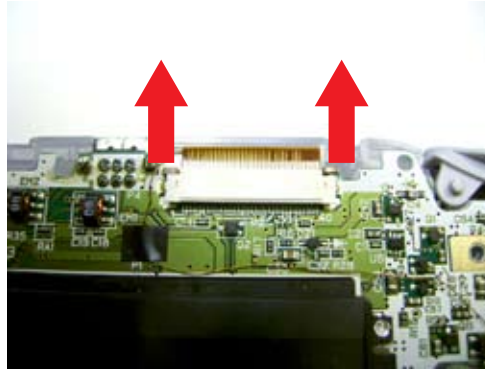
Kit Contents:

- 1) NEW LCD screen (AGS-101)
- 2) Adapter Ribbon Cable
Kit "A" - 32-pin
Kit "B" - 40-pin
- 3) 2-Way Brightness switch
- 4) RED and WHITE Wire For Switch Install

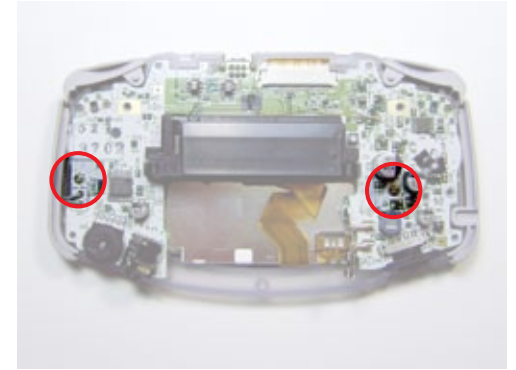
GAMEBOY ADVANCE LIGHT+ MODIFICATION KIT



1) Remove highlighted screws with the Triwing and Philips screwdrivers. Pull shell apart.



2) Slide brown plastic tabs toward top of unit then pull ribbon cable from clip.



3) Remove highlighted Philips screws and remove the PCB.

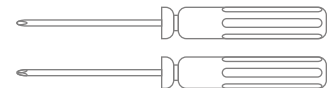


4) Remove LCD either by pulling on ribbon cable, or with a plastic pry tool if you would rather not damage it.

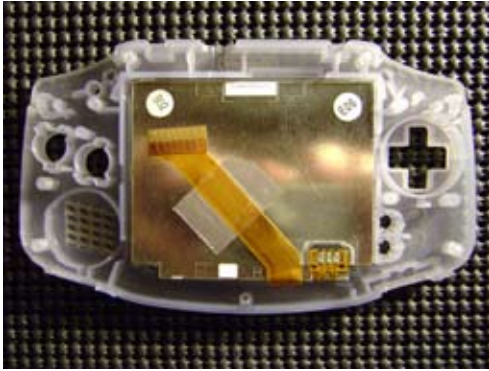


5) Gently push clear lens out with a soft towel/cloth and set aside in a clean area.

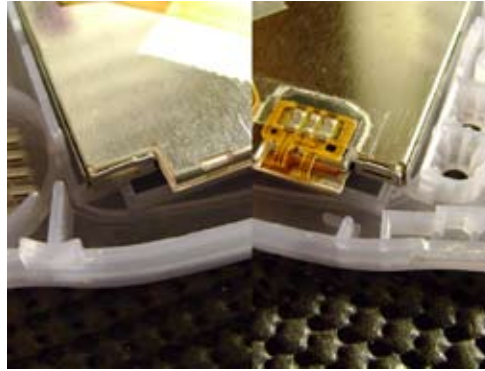
Tools & Parts Required:



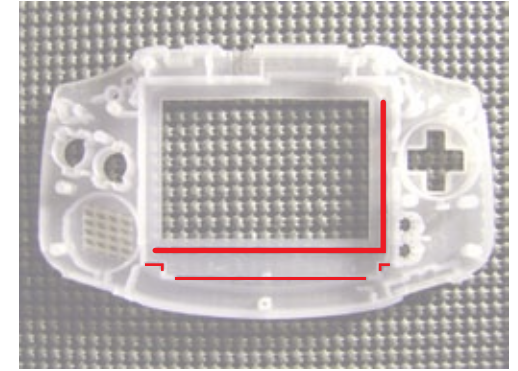
GAMEBOY LIGHT+ ADVANCE® MODIFICATION KIT



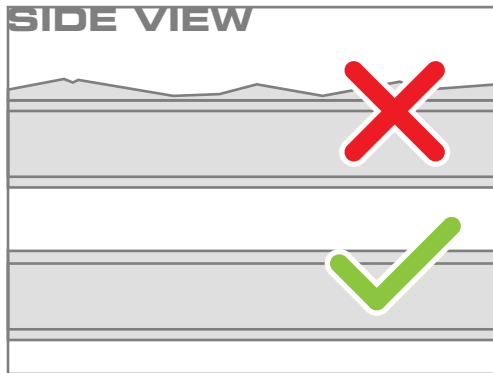
1) ⚠ There is a protective film on the LCD. Do **NOT** remove it yet! Place new LCD into shell as shown.



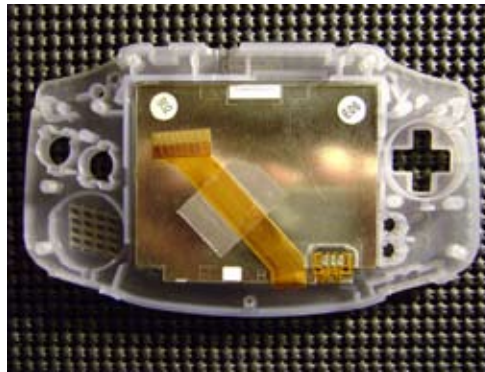
2) Take note of where the plastic shell keeps the new LCD from sitting flush with the surface below.



3) Indicate where the new LCD makes contact with the plastic housing with a magic marker (red areas).

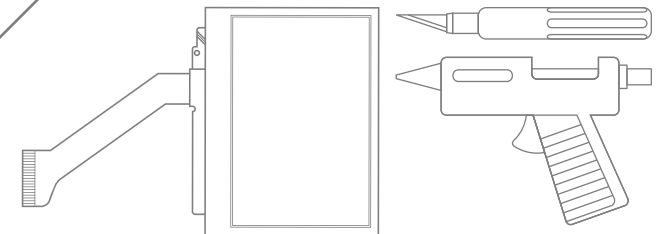


4) Using your hobby knife or rotary tool, completely remove any plastic walls/tabs that protrude upward.

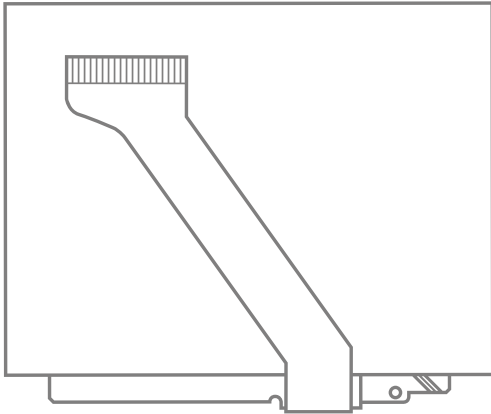


5) Place new LCD in the shell to test fit. Trim more plastic if needed until LCD sits flush.

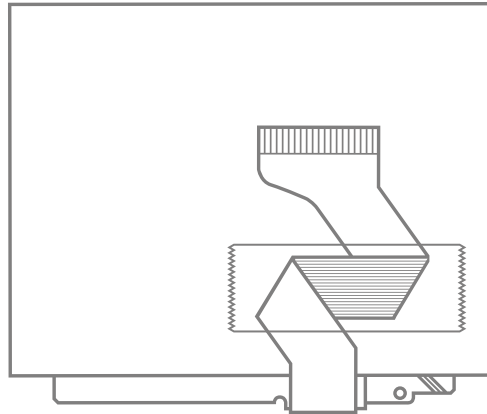
Tools & Parts Required:



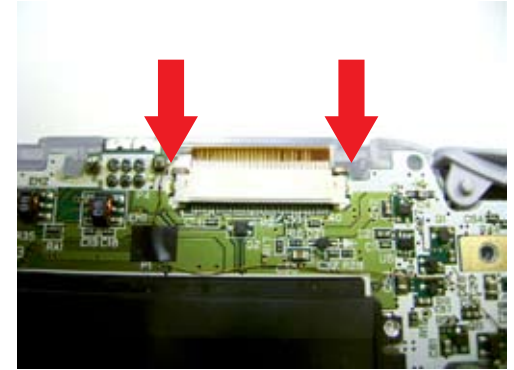
GAMEBOY ADVANCE LIGHT+ MODIFICATION KIT



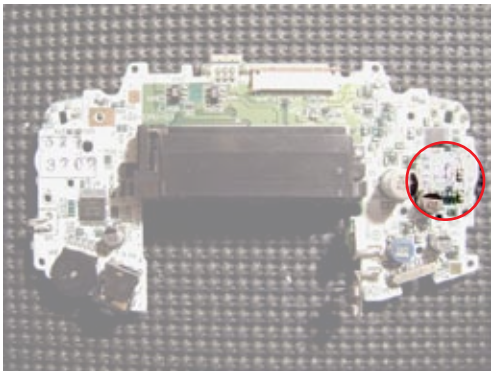
1) Fold ribbon cable over the back of the LCD.



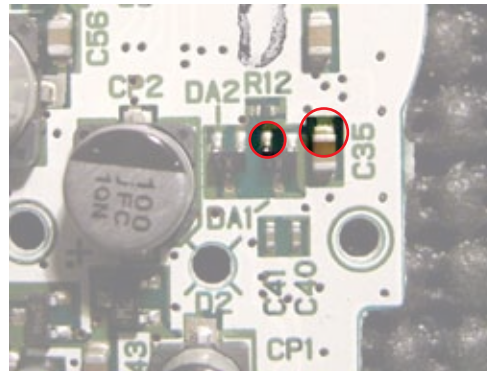
2) Fold the ribbon cable as shown, with the contacts facing out, then tape down.



3) Attach adapter cable to PCB and slide the brown tabs back into the clip.

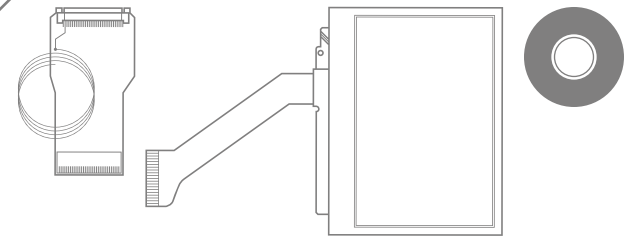


4) Locate this area on the PCB.



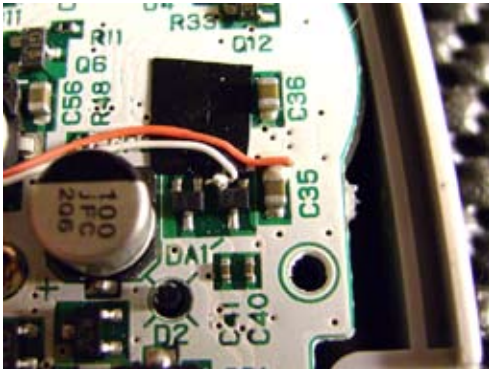
5) These are the two places where the LCD can draw power for illumination.

Tools & Parts Required:

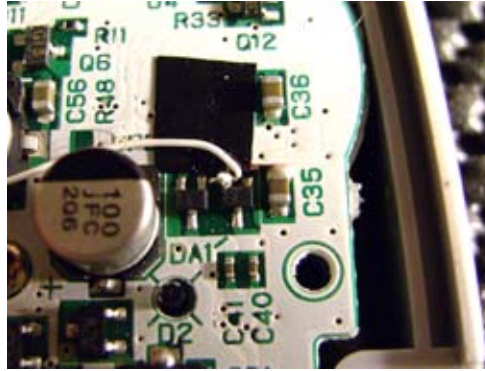


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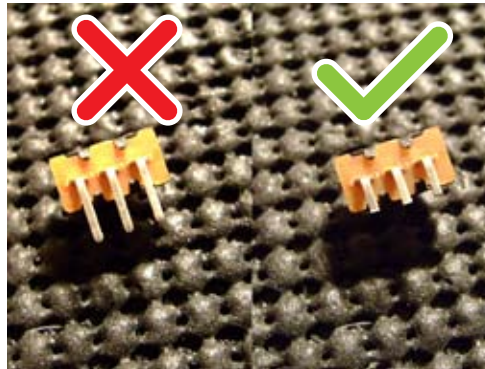
If you do plan on installing the switch, then move to the bottom 



1) Solder the red and white wires to the points shown (color choice for each point is irrelevant).



1) I recommend using the brighter setting. Solder the copper-colored wire from the adapter here.



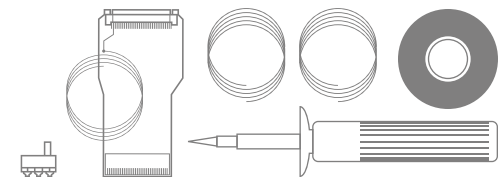
2) The switch needs to be modified. Cut the poles on the switch as shown.



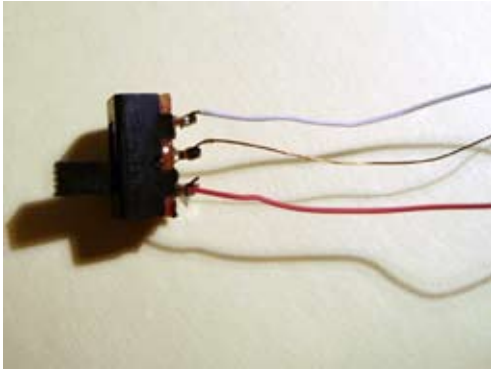
2) Tape down to power wire so that it won't interfere with anything on the board or under the shell.

⚠ Skip to page 8

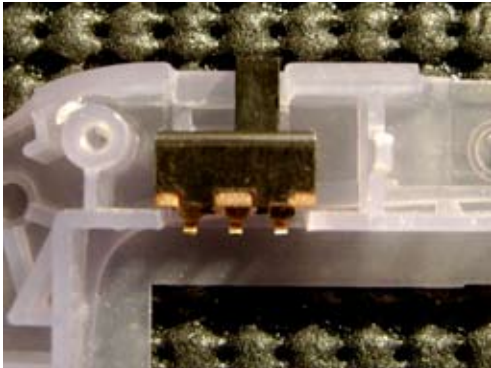
Tools & Parts Required:



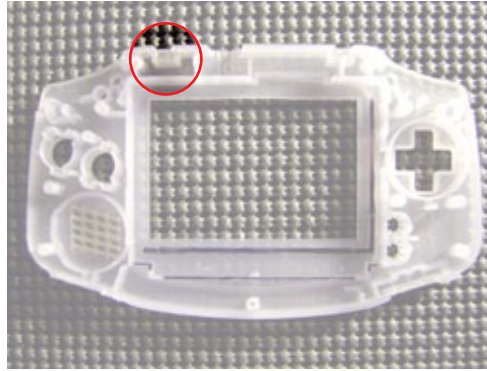
GAMEBOY ADVANCE LIGHT+ MODIFICATION KIT



1) Solder the red and white wires to the outer poles, and the copper cable from the adapter to the inner.



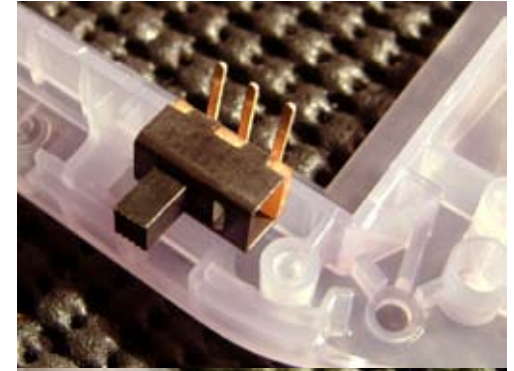
4) Using the hobby knife or rotary tool, slowly cut away until the switch fits like so, test fitting often.



2) This is the recommended area for switch placement. Remove PCB & LCD to make work space.

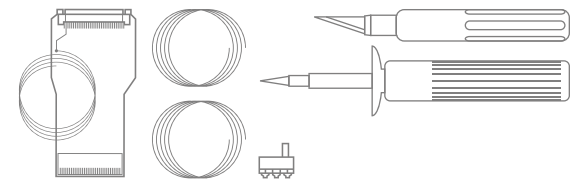


5) Place the halves of the shell together and test for clearance. Trim more plastic if needed.



3) Like the LCD, place the switch on the shell and mark the area which needs to be cut.

Tools & Parts Required:



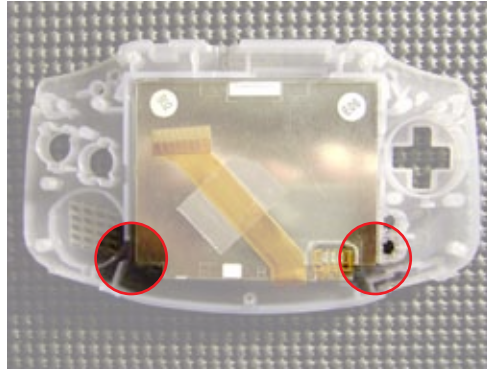
GAMEBOY ADVANCE LIGHT+ MODIFICATION KIT



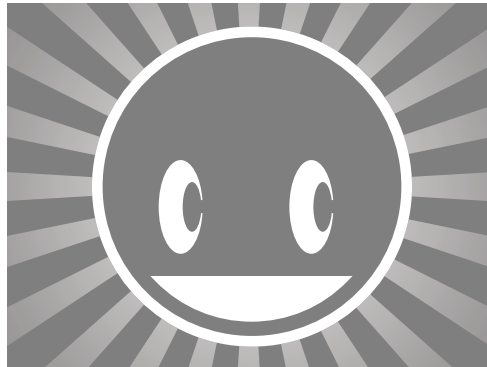
1) Test everything by connecting the adapter to the LCD and powering up the unit before moving on!



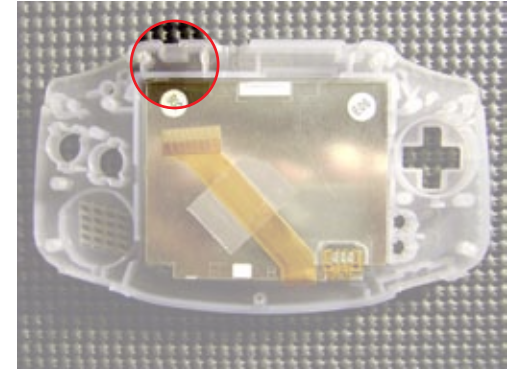
4) You may need to slightly reposition wires or the adapter during reassembly. Take your time and be careful.



2) A small amount of hot glue in the corners marked will help keep the LCD in place during reassembly.



5) Remove protective film from the LCD immediately before replacing the lens and ENJOY!



3) If you installed the switch, then it needs to be glued down as well. Tape down any wires that are loose and in the way.

! Be careful not to get any glue inside the switch as this will prevent it from functioning.

Tools & Parts Required:

