



Modification Instructions For the Fujifilm FinePix A610 6.3MP

January 8th 2008

These instructions are for the 4-wire modification required to use the Fujifilm FinePix A610 6.3 Mega Pixel camera in a motion activated game and trail camera.

WARNING performing these modifications will void your camera's warrantee. In addition there is a risk you could render your camera unusable. Use of these instructions is at the user's risk and DePreysWildlife.com accepts no responsibility for damages or injury arising from the use of the below examples.

Camera availability made possible by the [Trail Camera Test Fund](#) courtesy of member contributions from [HagsHouse.com](#)

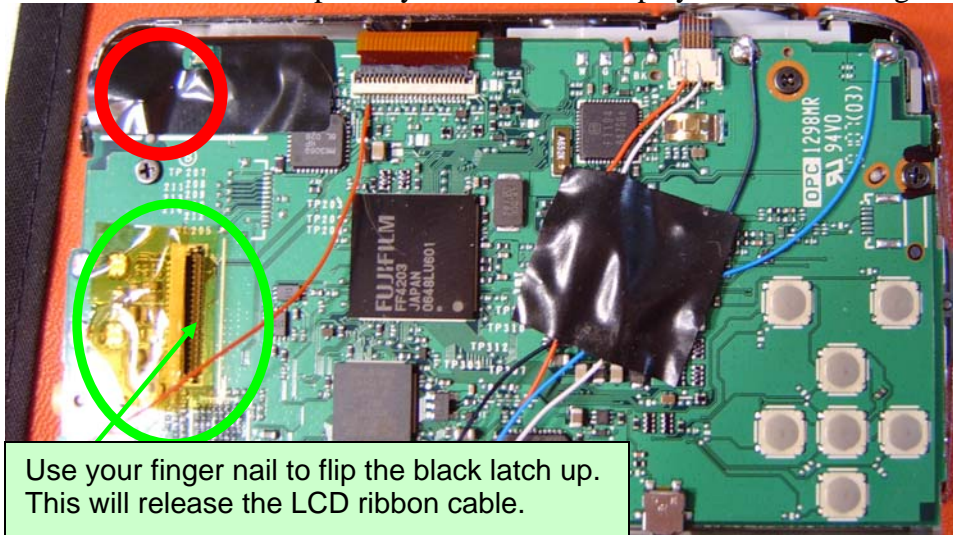
Required Tools

#0 Tri-Point Security Screwdriver

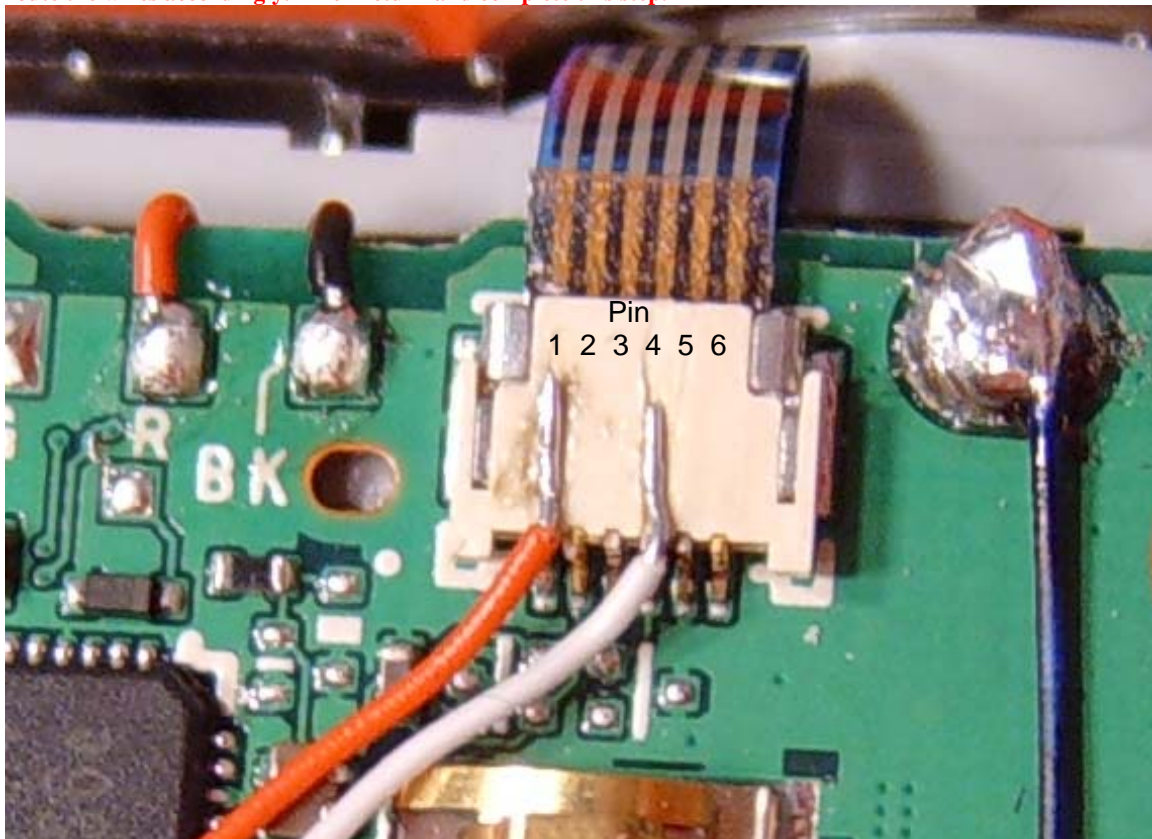
1. Remove the batteries and media card from the camera.
2. Remove the two Philips and four #0 Tri-Point screws found on the Bottom, Right Side and Left Side circled in yellow.



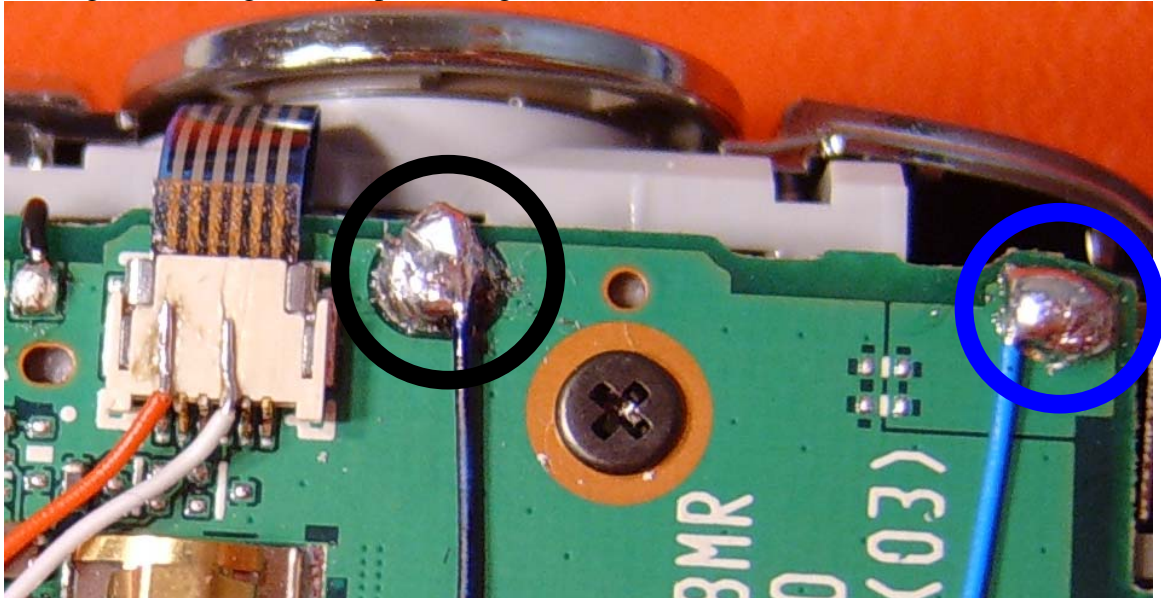
3. Open the battery cover and gently separate the back cover of the camera from the camera body. Be very careful as the LCD ribbon cable is very fragile. You can gently lay the back cover to the left side of the camera or you can disconnect the LCD ribbon cable from the front half of the camera by flipping up the black latch on the header of the LCD socket connector circled in Green. The flash capacitors terminals are under the tape circled in red. DO NOT remove this tape! If you remove this tape you must discharge the flash capacitor!



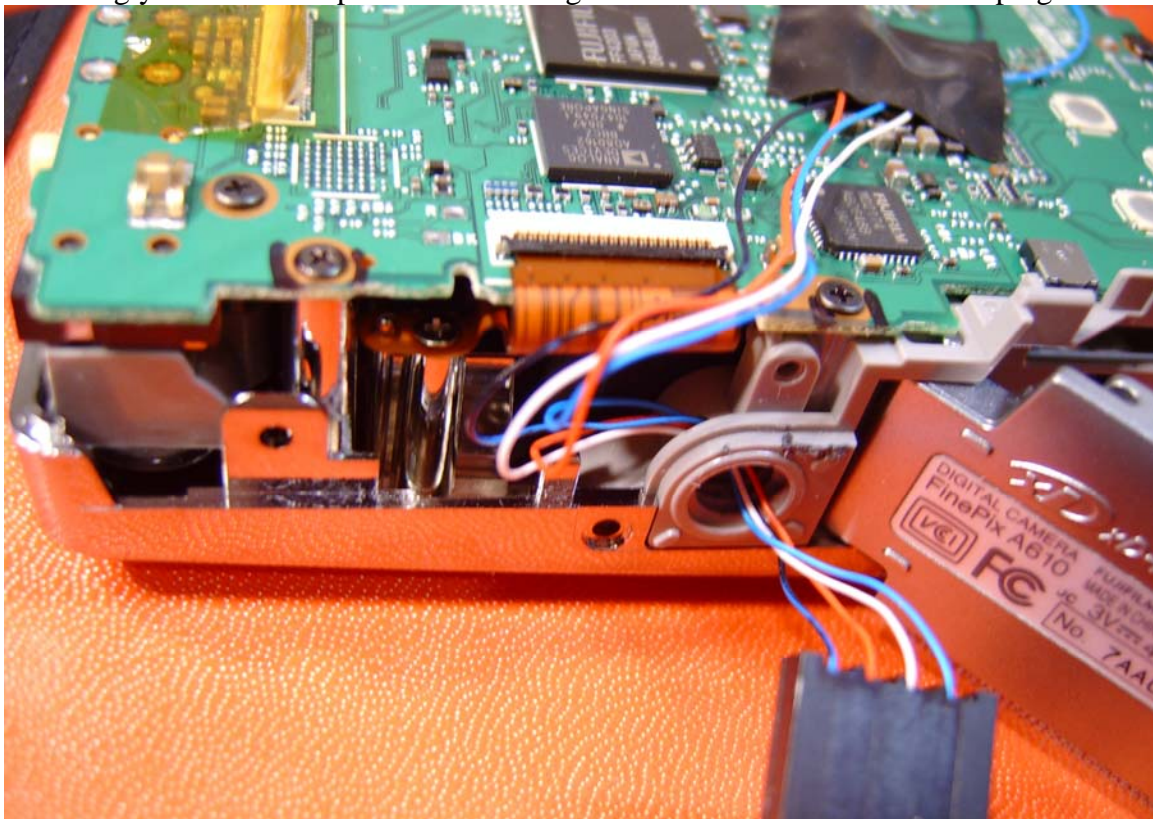
4. Connect the Power (red) wire to pin 1 and the Shutter (white) wire to pin 4. In this example I am counting the pins 1-6 from Left to Right. You can use the scrape down method shown above which involves using a razor blade to gently scrape away at the white connector until the desired pins are revealed. This will make soldering easier. Before soldering it's a good idea to gently remove the switch assembly cable to avoid melting if you apply too much heat with your solder iron. *****If your wires are already connected to a servo connector skip to step 6 and route the wires accordingly. Then return and complete this step.*****



- Next you have to connect the Power and Shutter Common wires. For this camera the Power Common and Shutter Common are isolated from one another requiring the need for two separate wires. Solder the Power common (black) to the point circled in black and solder the Shutter Common (blue) to the point circled in Blue*. *You may need to scrape a little of the green coating off to expose a larger surface to solder to.



- Secure the wires with some tape. Drill a small hole in the tripod mount and route the wires accordingly. In this example we used 30awg wire with a Molex 4-conductor plug.



- Reattach the LCD ribbon cable if need and reassemble the camera.
- Test the mod by shorting the Red and Black wires the camera will turn on. Short the White and Blue wires the camera will take a picture.