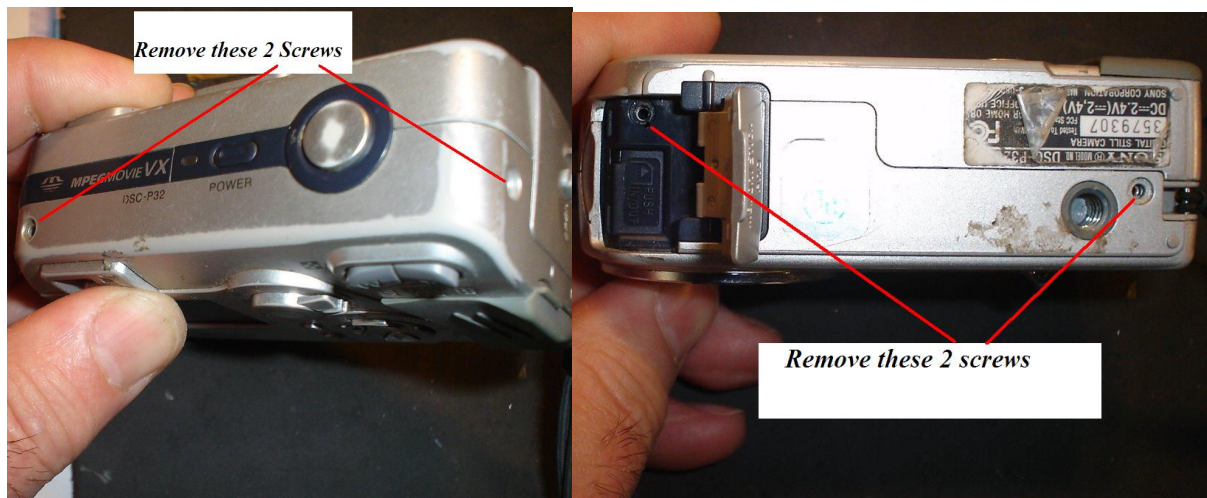


# Sony P32 modification with external power.

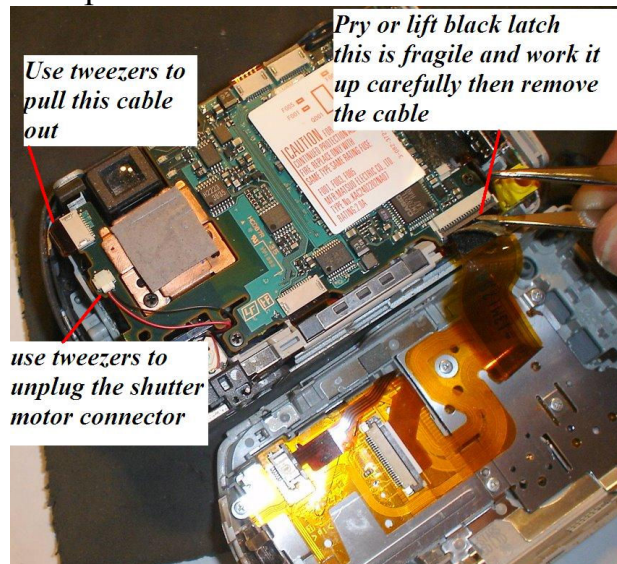
[www.BFoutdoors.com](http://www.BFoutdoors.com)

Just a reminder BFoutdoors assumes no responsibility to any damage that can occur when this modification is attempt. Also as always modification of commercial products is done at your own risk. Use extreme caution since high voltage exist within these units.

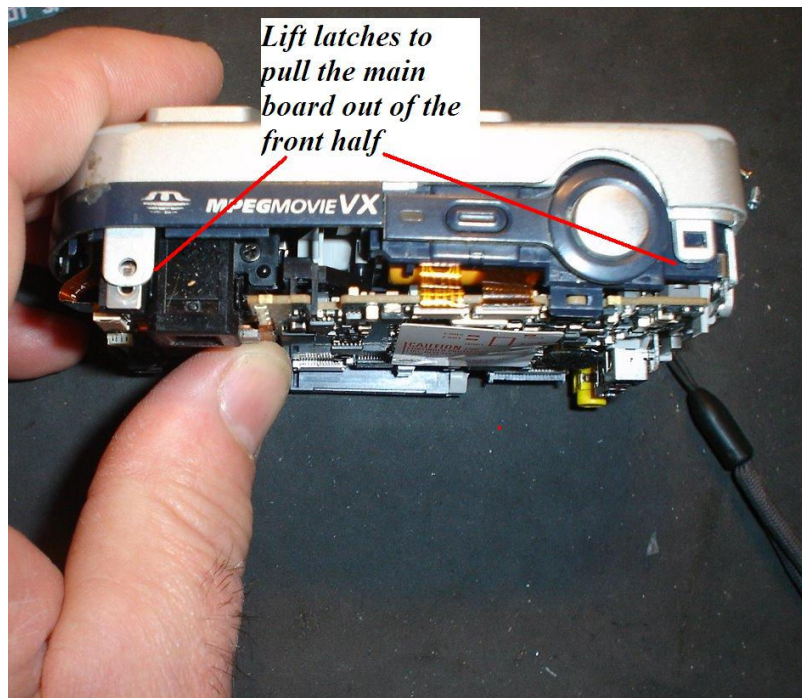
The first thing I will do with either camera is power it on. It is good now before we start to shutter a few pictures and to double check the cameras operation and focus. Take the batteries out with camera on leaving the shutter cover open this way we can disable the shutter motor to silence the camera.



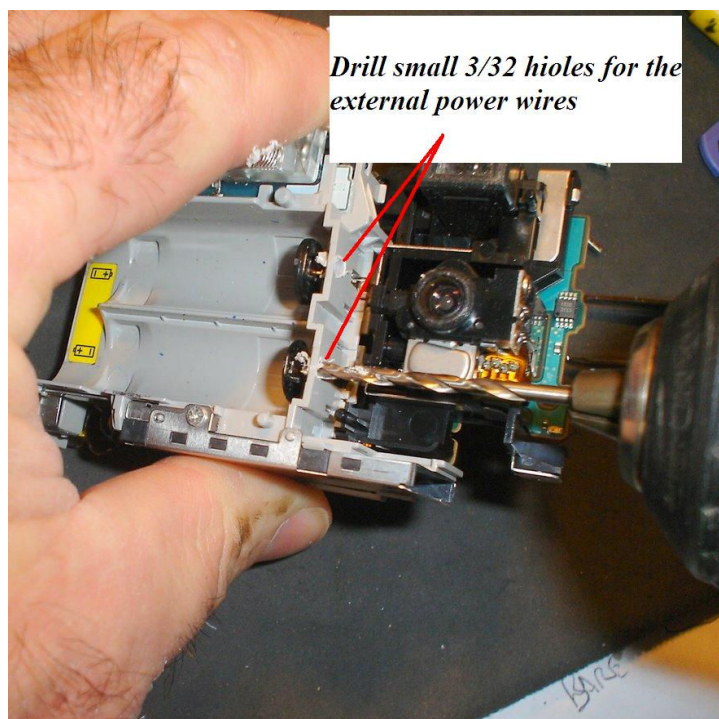
To open the camera 4 screws must be removed



Once the camera is opened lift the tape off the backs cable lift the black latch carefully and slide cable out .There is a small cable on the top left side that also needs to be taken out Use tweezers and slide it out. Last is the shutter cover motor connector it easily unplugs with tweezers.

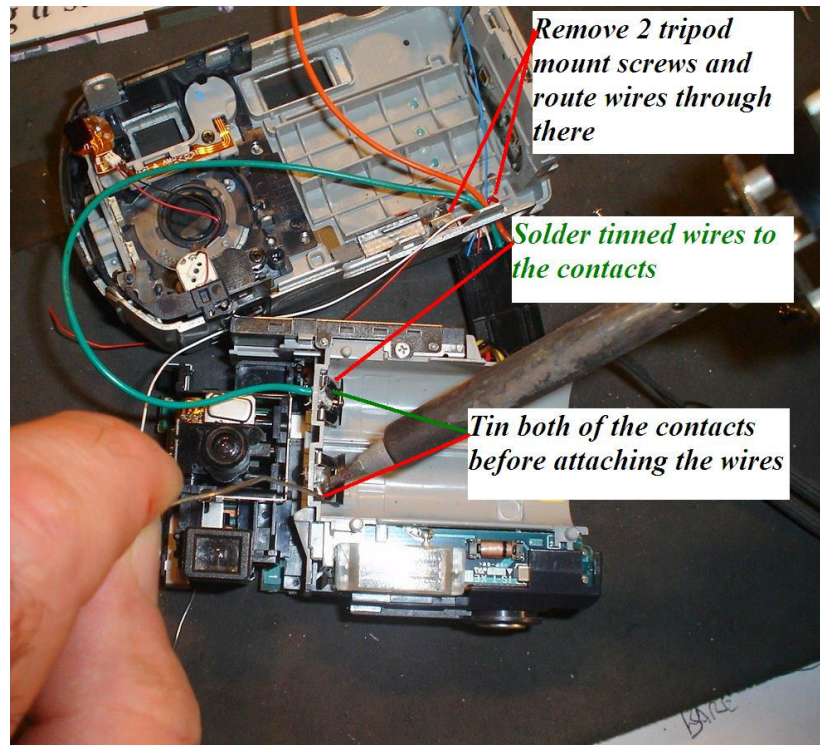


There are 2 small catches that hold the main board to the camera's front half

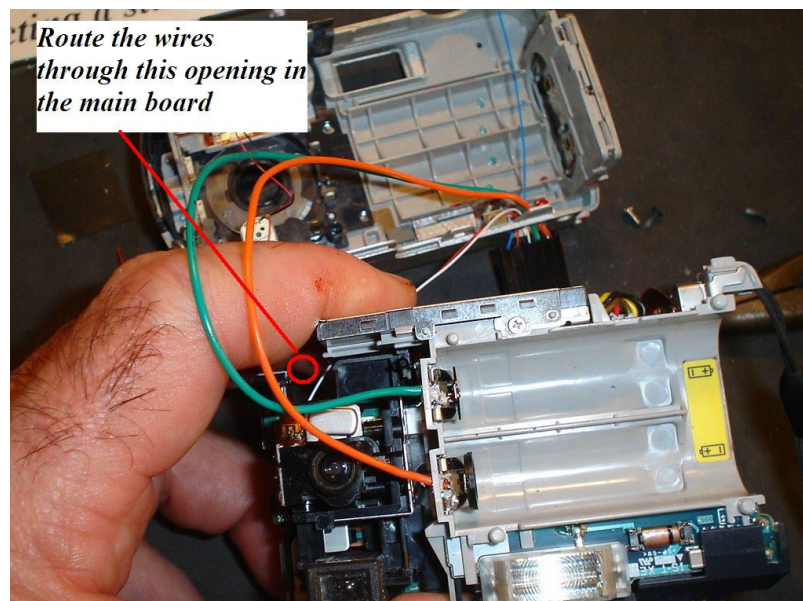


I find drilling a small 3/32" hole through the plastic case at the shown points is a great way to route the wires. This also acts as a holder so they won't get pulled or yanked easily.

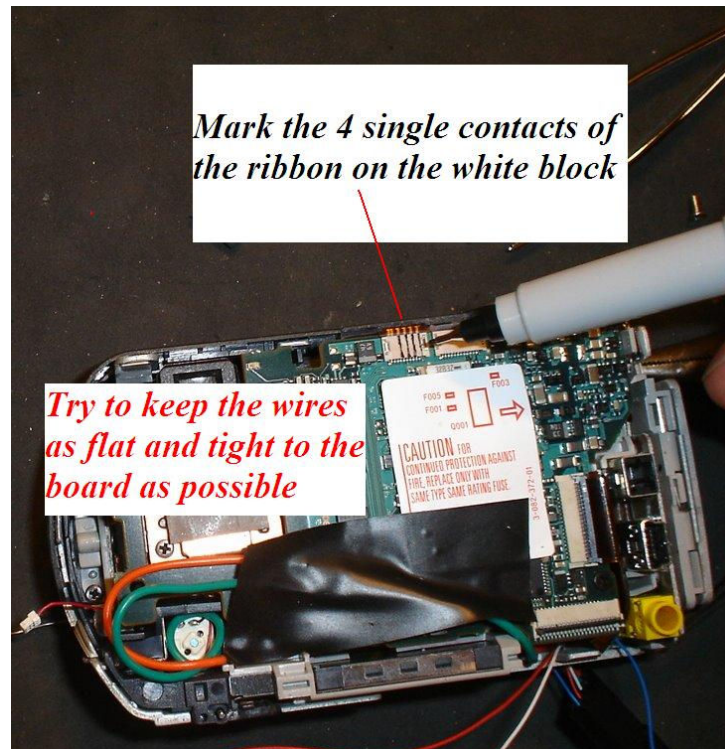




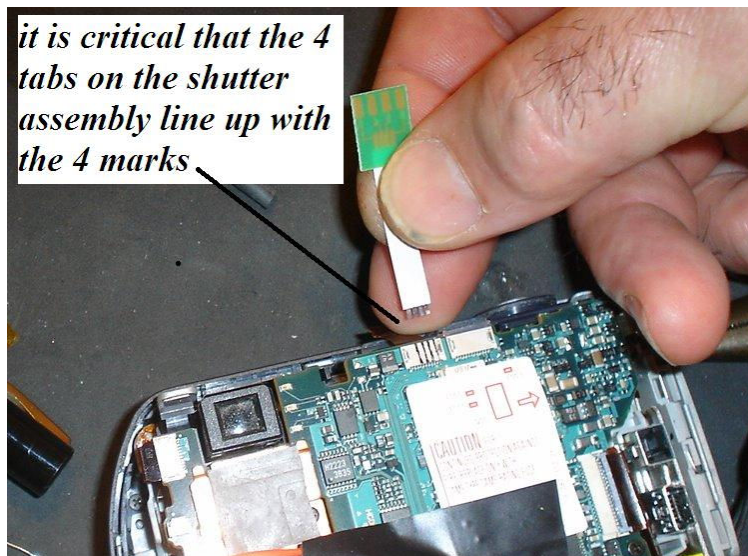
First tin the wires heavily and also tin the solder contacts on the camera Slide the wires through the holes we drilled and attach them by holding them tight to the contact then touch the hot iron to the contact No additional solder is needed or much heat if both the wire and contact were tinned first



I then route the wires through the opening under or in this picture above the lens assembly

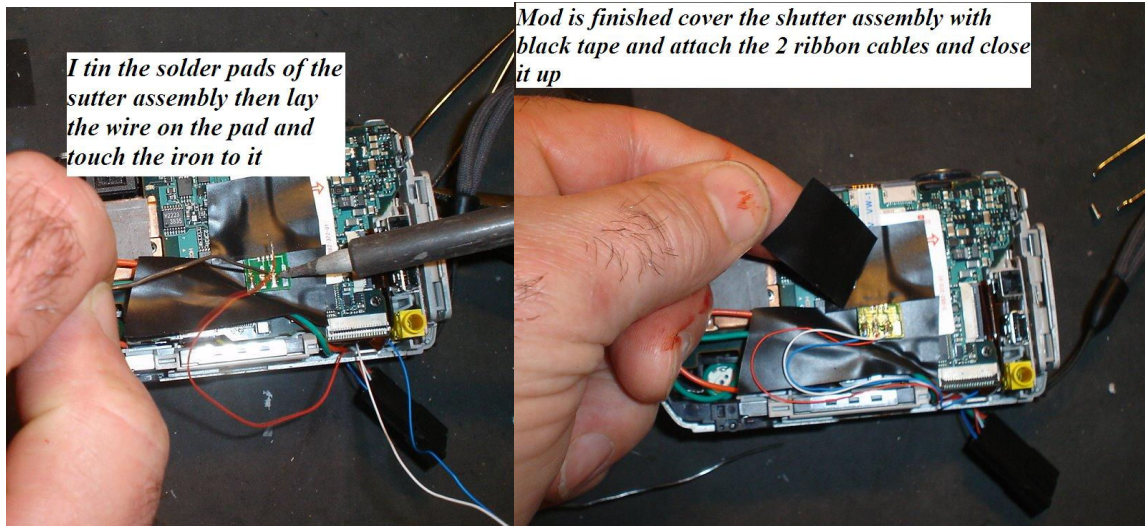


Tape the wires flat to the board and tuck what excess you can in the shutter motor hole. I then mark the 4 single contacts of the power/shutter block cable with a sharpie. Then remove the cable from the block by wiggling the cable out Try to not pull on the cable but lift it out by the ears many power cables are ruined by rough treatment of this cable.

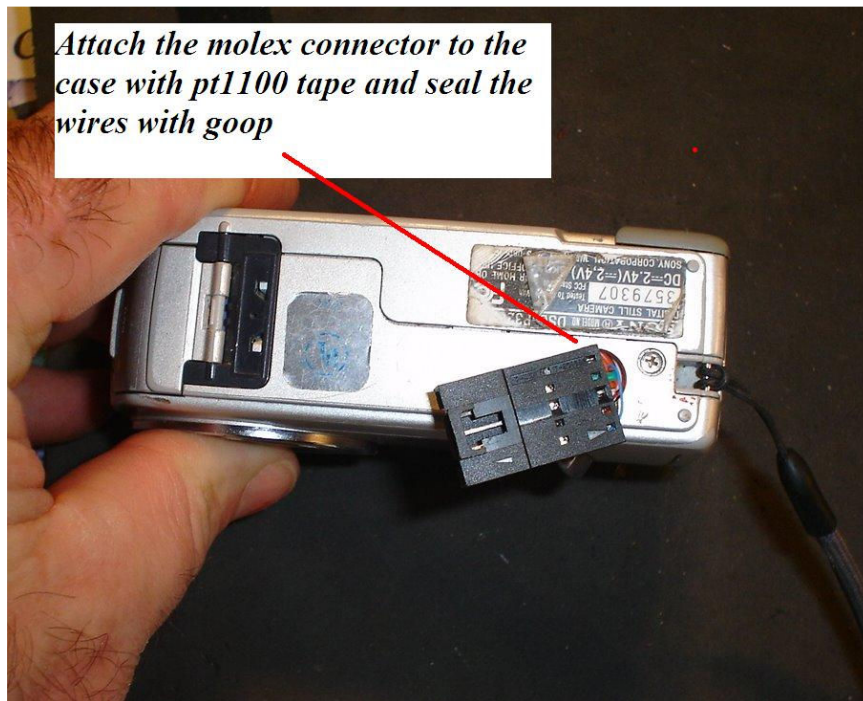


There are 4 metal contacts on the [www.hagshouse.com](http://www.hagshouse.com) shutter assembly Slide it in the empty white block lining the contacts with the marks we have made. Fold it over at a neat straight angle so the contacts won't shift then tape it down with black tape.





I will tin the pads then lay the wires on the shutter assembly and touch the hot solder iron to the pad Cover this with electrical tape after you are finished Attach the 2 ribbon cables and close the case halves reinsert the 4 screws and the camera should be fully operable it is best to test the working now before the sensor board is attached



I use pt1100 tape to hold the Molex connector to the case and goop to cover and protect the wires where they come through the tripod mount.