Getting Started

Required Items:

- MicroSD with SX OS [boot.dat] — Download
- Xecuter SX Lite
- Switch Lite
- Fine-Tip Soldering Iron (340c) / Solder
- Tri-Wing Y00 and Phillips #00
- Thermal Paste

Recommended Tools:

- Liquid Flux
- Microscope or Jeweler’s Glasses
- Isopropyl Alcohol (91% or Higher)
- Cotton Swabs / Micro Swabs
- Tin Snips / Cutters
- Kapton / Electrical Tape
START OFF BY REMOVING THE 4 TRI-WING SCREWS AND 4 PHILLIPS SCREWS. DON’T FORGET TO TAKE OUT YOUR GAME AND SD CARD!
WATCH OUT FOR THIS FLEX CABLE AS YOU UNSCREW AND REMOVE THE SHIELDING!

THE GOLD SCREW IS LONGER THAN THE OTHERS. AS YOU LIFT OFF THE SHIELDING, LOOK OUT FOR THE THERMAL PUTTY UNDERNEATH!
NOW IS THE TIME TO UNPLUG THE BATTERY FROM THE MAIN BOARD!

GENTLY LIFT THE CLIP FROM THE FRONT, THEN UNPLUG BOTH CABLES HERE

NOW YOU CAN UNSCREW THE HEAT PIPE AND REMOVE IT TOO!
UNSTICK AND DISCARD THIS, THEN CLEAN OFF THE OLD PASTE AND GENTLY LIFT OFF THE SHIELDING.

START WITH THESE SPOTS SINCE THERE ARE NO COMPONENTS NEARBY.
TAKE YOUR TIME TO GENTLY BUT THOROUGHLY CLEAN OFF THE PASTE

USE MICRO SWABS TO GET THE BOTTOM CAPS EXTRA CLEAN!
TUCK THE TABS OF THE CABLE UNDER THE SHIELDING AND LINE IT UP.

SOLDER THE ANCHOR POINTS TO THE SHIELDING FIRST, THEN EACH SIDE OF THE CAPS.

USE THE TIP OF A PIN TO “BRUSH” ON YOUR FLUX, OR PRE-TIN THE CABLE BEFORE LINING IT UP!
REPEAT THE PROCESS IN THIS AREA AT THE TOP, STARTING WITH THE ANCHOR POINTS FIRST!
WORK BACKWARDS AND APPLY FRESH PASTE WHERE NEEDED

CONNECT BOTH CABLES THEN SCREW IN THE CHIP BEFORE MAKING THE FINAL SOLDER CONNECTION

YOU MAY WANT TO USE SOME KAPTON OR ELECTRICAL TAPE UNDER THE CHIP TO ISOLATE IT

GENTLY BEND THE TOP CABLE INTO A U-SHAPE AND THE BOTTOM ONE INTO AN S-SHAPE

YOU WILL NEED TO CUT THE SHIELDING TO ALLOW THE CABLE TO PASS THROUGH!
ISOLATE THE USB DEBUG PORT WITH A BIT OF FOAM FROM YOUR CHIP BOX!
YOU CAN NOW RECONNECT THE BATTERY AND TEST YOUR UNIT. IF THE LIGHT CHANGES TO GREEN AND YOU GET THE GRUMPY SD CARD LOGO, YOUR INSTALL IS COMPLETE!
FAQ

Q - How difficult is this installation?
A - This is an advanced installation, if you don’t have the proper tools or experience, we recommend contacting your local tiny soldering guy or mod shop to have the installation done for you.

Q - The light turns pink and system won’t boot.
A - This means the chip is having trouble talking to the NAND, typically from bad solder joints.

Q - The light turns green and boots to the bootloader, but the Switch OS won’t boot.
A - Make sure you are using a FAT32 formatted SD card, as you may be missing the exFAT driver. You may also need check the connection of SP1.

Q - I need more help!
A - Join the support forums (https://team-xecuter.com/community/) or chat (https://xecuter.rocks/).