**Yaesu FTM-400DR Firmware upgrade hints and tricks**

1. **Make sure** you have a current backup on your sd card to restore your data after factory reset.
2. Check your firmware levels before and after. Hold setup key 1 second, go into Reset/Clone. Main and Panel versions at top. While in setup, go to TX/RX,Digital,down to item 7 for DSP version. You may be up to date and not even need to do some or all of the firmware upgrade.
3. Install usb cable drivers prior to connecting to radio. Follow directions from Yaesu’s website paper work.
4. Remove radio from vehicle and place on workbench/table. Might as well bring in the control head and cable, your will need it to do the second DSP upgrade.
5. Remove cover place radio into boot mode (see picture, switch near processor in corner of transceiver)
6. Connect USB cable to laptop and radio.
7. Apply power to radio, execute file, choose correct com port and do upgrade.
8. Remove power, place boot switch back into run mode. Reinstall cover
9. Connect radio to control head, power up and do a **factory reset**..\*\*\*\*\* **WARNING**\*\*\*\*\* you will lose all data, make sure you have a current backup on your micro sd card, you will need to restore your programming back into radio.
10. Finally, install the DSP update.

Enjoy,

73…. KC9NRO

