

If you are using the Bookworm OS version (likely if you flashed your Pi within the past few months), an extra step is necessary for the pisrf module to work, or else you will get an error on your pisrf node that it is not available.

1. Change directory to the directory of the pisrf module:
`$ cd ~/.node-red/node_modules/node-red-node-pisrf`
2. Using nano, edit the pisrf JavaScript file:
`$ sudo nano pisrf.js`
3. In the first "if" statement, comment out the "allOk = false" statement in Line 14. This error is likely being thrown because the pisrf module is trying to obtain some data related to BCM from the system cpuinfo file, however in the Bookworm OS this file is formatted differently than the Bullseye OS. Because of this, an error message is thrown. If this "allOk = False" line is commented out, then the program will begin to function as intended. The pisrf file should look similar to this below:

```
<more code above setting up some variables>
try {
  Var cpuinfo = fs.readFileSync("/proc/cpuinfo").toString();
  If (cpuinfo.indexOf": BCM") == -1) {
    Red.log.warn("rpi-srf : "+RED._("node-red:rpi-grpio.errors ... .."))
    // allOk = false;
  }
  <more else if statements and different codes below>
```

4. Restart Node-RED by typing node-red-stop followed by node-red-start. You should begin to see the distance being outputted into the debug terminal.