

**SerLCD 16x2**  
**14072, 14073**  
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**Test Dev: Pete Lewis 11/15/2016**

1. Grab test fixture #579 (includes pogobed and Pi\_grammer).
2. Power bed with 7V, 600mA
3. Power Pi\_grammer via USB input.
4. Plug Pi\_grammer into pogobed (3x2 AVR ISP header).
5. Place LCD screen on test jig. Close waffle top. Use clamp to hold down.
6. Tap "PRETEST & PWR", and verify PRETEST PASS LED comes on.
7. Tap "PROGRAM" on Pi\_grammer. Verify 3 pass LEDs (Fuse/Flash/Lock).
8. Tap "TEST" on pogobed. Verify PASS LED comes on.
9. Verify complete readout on screen.
10. Boards good. Power down.

\*When you tap TEST, the following things are tested:

- I. 3.3V output from product is correct.
- II. Serial, I2C, and SPI ping tests.
- III. Reset via DTR control pin.

\*To see more granular test results/failures, listen to the Flying Jalapeno with an FTDI basic at 9600 BAUD.