



## Blue Star Distortion Instructions

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The Blue Star is a low to medium grit, tube-like overdrive pedal that is based on a MOSFET (BS170) pushing a JFET (J201) into distortion. The distortion range is about the same as an Ibanez Tube Screamer, but the sound is better, more tube-amp-like response.

Follow the General Building Instructions. Voltage at the JFET Drain should be about 4.7 volts, but tune it by ear with the trimmer.

Modifications: R11 smooths out the sound, but at the cost of sounding less "open." Thus, reduce R11 for a more open sound. You could switch in reduced resistance for R11 by switching in a parallel resistor.