

### BI-POLAR POWER SUPPLY

Regarding the bi-polar power supply shown on page 9 of the May 1986 **Radio-Electronics**, I hope that N. J. S. did not build the supply and try to use it for his project. Two errors make the project unworkable. The center tap of T1 should go (only) to the junction of C1 and C2; that point is circuit ground. In addition, the junction of D1 and D2 should go (only) to the negative

side of C2. That is the negative nine-volt output of the circuit.

Rather than using individual IN4001 diodes, a fullwave bridge rectifier, such as Radio-Shack catalog number 276-1151, could be used. It costs only pennies more, is rated 50PIV, 1.5 amps, and is small. The whole unit is built into one of Radio-Shack's plastic enclosures. The size of the case depends on the size of the transformer used. Output terminals are used for easy connection. It makes a nice, neat package when used in conjunction with 35-volt radial-type capacitors.

I hope that N. J. S. can use the corrected circuit to full advantage now.

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