Shop Steward
Auto Switch
By Dennis Atwood

Self Made Transformer
Primary - 40 turns 14 guage

6 Volt Power supply
Wall Worr

AC INPUT

Duplex Receptacle
For Machines

AC

12 Volt

330 Ohm

1N5234
6 Volt Zener

2N3904
NPN Transistor
Relay Driver

Manual On
Switch

Relay
10 Amp X2
6 volt coil 41 ohm
=150 ma

Circuit Ground

220 MF

1K Ohm

6 Volt

1N4001

Circuit Ground

Chassis Ground

AC INPUT

Duplex Receptacle
For Vacuum

Chassis Ground

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