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Bridge Rectifier (to replace selenium rectifier)

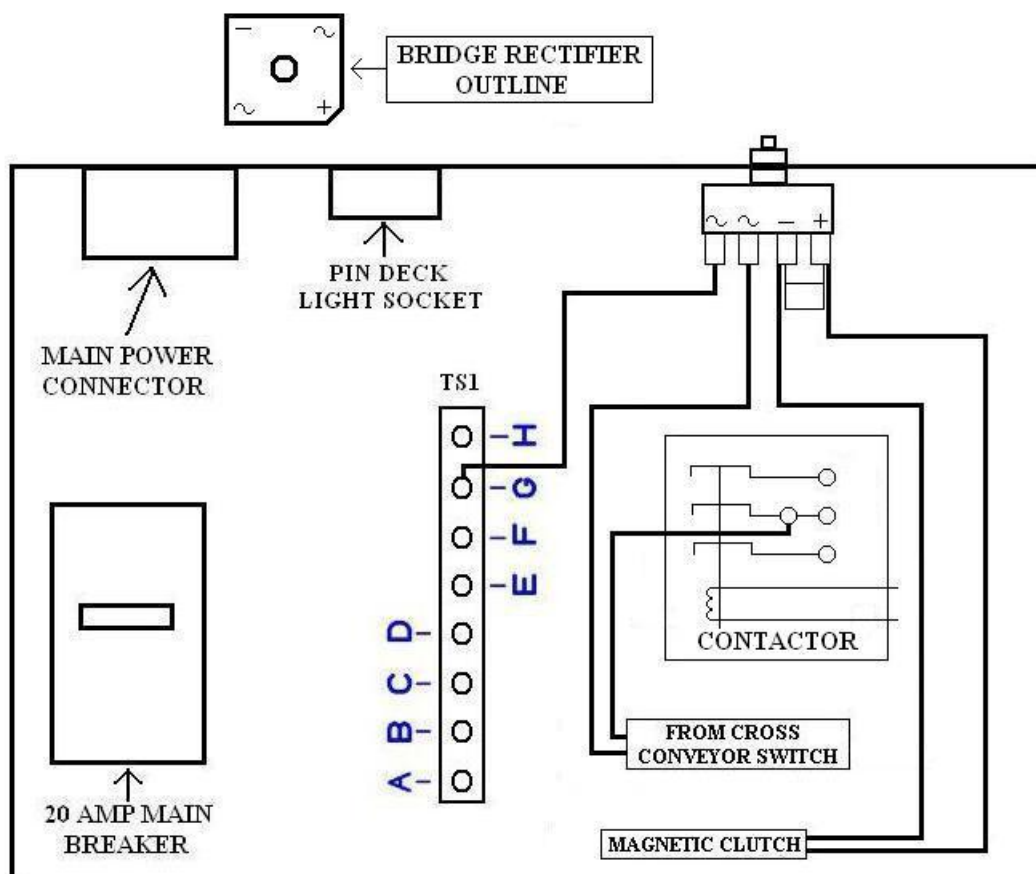
Bridge Rectifier Theory

The bridge rectifier is used to replace the selenium rectifier in Brunswick A and A-2 pinsetter. AC voltage is applied to the AC input of the bridge rectifier which converts it to DC to power the magnetic clutch. A .47 uF capacitor is hooked in parallel to the DC output of the bridge rectifier to help smooth out the DC supply voltage.

Installation Instructions ("A" pinsetter)

Remember to remove power before performing any installation!!

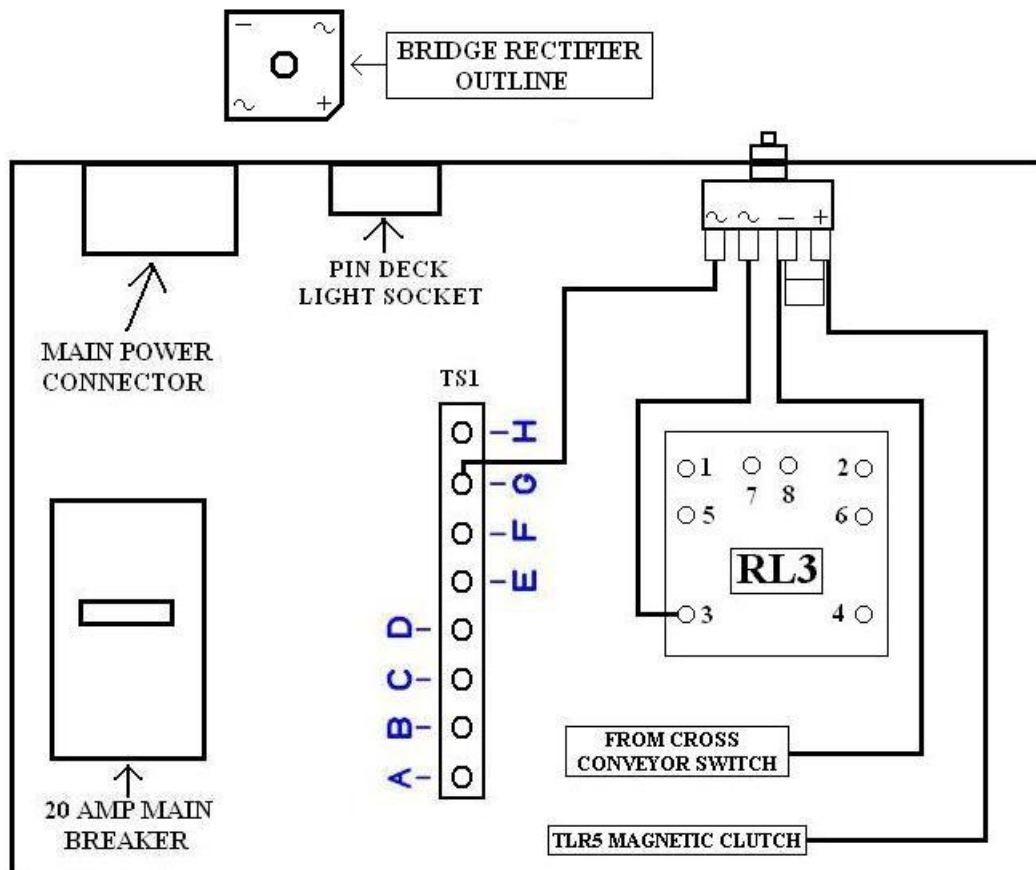
First, start by removing each of the four wires from the selenium rectifier and label each wire to make it easier to connect to the new bridge rectifier. One wire from (TS-1 G) will connect to the one side of the AC input of the bridge rectifier. The other AC input wire will come from one side of the cross conveyor switch. The DC output will hook directly to the magnetic clutch. View schematic below for more information.



Installation Instructions (“A-2” pinsetter)

Remember to remove power before performing any installation!!

First, start by removing each of the four wires from the selenium rectifier and label each wire to make it easier to connect to the new bridge rectifier. One wire from (TS-1 G) will connect to the one side of the AC input of the bridge rectifier. The other AC input wire will come from terminal 3 of (RL3). One wire from DC output will hook directly to one side of the magnetic clutch. The other DC wire will hook to one side of the cross conveyor switch. View schematic below for more information.



For Repair Send Faulty Parts to:

Address: BOWL-TRONICS
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Notes:
