Eagle-Eye Infrared Pin Counter

#823005

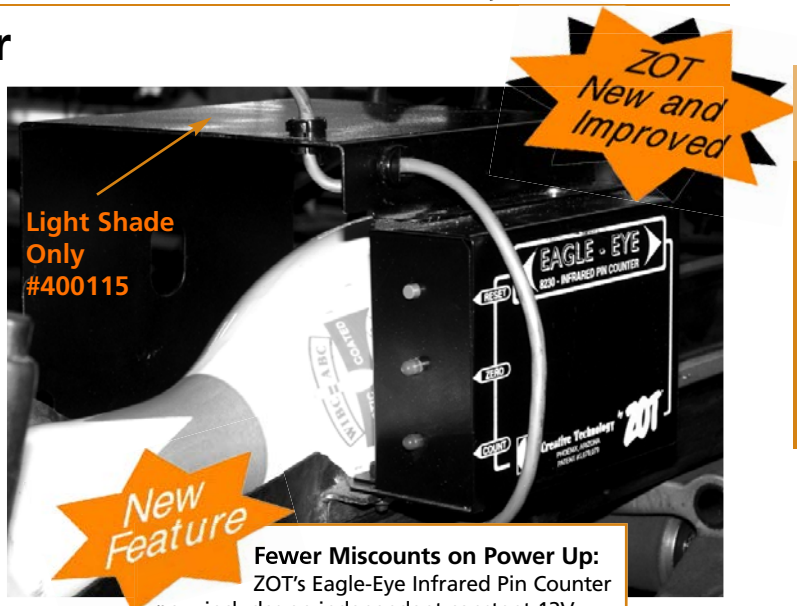
An enhanced replacement for original mechanical pin counters.

The Solid State – MP Controlled CTI by ZOT "Eagle-Eye" Infrared Pin Counter for AMF 82-30 Pinspotters is a high-technology designed product that offers benefits not available in the original mechanical pin counters, or other brands of electronic pin counters.

Added Benefits

No More Miscounts: ZOT's unique Eagle Eye Pin Counter with Ambient Light Shade eliminates pin miscounts.

Reduced Vibration for Longer Life: The mounting for the NEW Eagle Eye Pin Counter and Ambient Light Shade assembly stabilizes the fixture to reduce vibration which improves performance and increases the life of the unit.



Fewer Miscounts on Power Up: ZOT's Eagle-Eye Infrared Pin Counter now includes an independent constant 12V Power Supply for Greater Reliability and Fewer Miscounts on Power Up

Features and Benefits

Memory Back-Up: Keeps the Pin Count and/or Zero in case of power loss

LED Indicators: Shows the Pin Count and Zero Positions

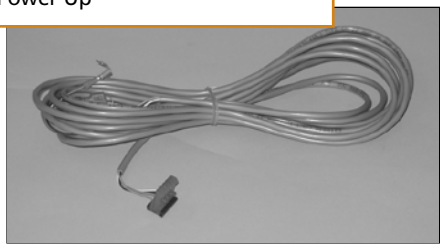
Microprocessor Efficient: State-of-the-Art Technology simplifies the circuit

Infrared Technology: Sees all current pins, including colored and UV Pins

Compatibility: Interfaces with all 82-30 Chassis

Reset Button: Sets the Eagle-Eye to Zero Pin Count

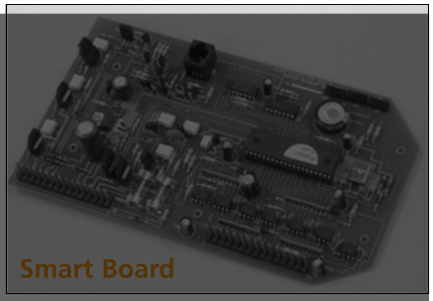
Ease of Installation: The Eagle-Eye unit mounts in existing Pin Counter bracket holes, plus two additional holes that must be drilled



Smart Board for AMF 82-30 Pinspotter Chassis

#823004

An enhanced product to restore and improve original AMF 6525 & 5850 Chassis. The CTI by ZOT "Smart Board" not only replaces the Stepper Coils it also replaces all of the PR Relays and Timer Motor.


Smart Board

- The Solid State – MP Controlled CTI by ZOT "Smart Board" for AMF 82-30 Pinspotter Chassis is a feature rich product that restores and improves the performance and reliability of AMF 6525 & 5850 Chassis.
- This superior product is easy to install, but ZOT also offers the option of returning your old chassis for factory installation of the board and thorough diagnostics and restoration. Call ZOT for a quotation.

DISCONTINUED

Features and Benefits

Microprocessor Efficient: State-of-the-Art Technology simplifies the circuit

Scoring Interface: Compatible with all Major brands of scoring

Short Cycle Capable: Allows for the Automatic Scoring to communicate on a strike that the table does not go down to feel for pins

Power LED: Indicates when the "Smart Board" has power

Ease of Installation: All connections made with quick disconnect terminals

Option Switch's

Cycle: Allows the pinspotter to be cycled from the managers control when going from Instruct-O-Mat to Bowl

Instruct: Disables managers control for Instruct-O-Mat by keeping power off the machine

Foul: Enables disabling of the foul communication to the machine: without disabling the foul light at the approach

Solid State 82-30 MP Air Chassis

#823001 (115V/60Hz) AMF #6525
#823003 (115V/60Hz) AMF #5850

An Enhanced Direct Replacement Chassis for AMF 82-30 Pinspotters

The "New" Generation

ZOT has reengineered and designed selected components in the 82-30 MP Chassis and is pleased to introduce the MP Air, a much more user friendly and reliable pinspotter controller for your AMF 82-30's.

Replacement Breakers
#220040 12-AMP
#220039 10-AMP

Replacement Fuses For Solid State 82-30 MP Chassis
#220022 15-AMP
#220009 10-AMP

Check these "all new" added Features and Benefits:

Circuit Protection: The original Slow-Blow fuse protection has been replaced with four "Resettable" Breakers, all set at lower amperages than the original fuses, for added protection. If a Breaker trips, simply reset the Breaker after eliminating the cause of the overload.

Air Cooling System: The internal components of the chassis will be air cooled by a fan mounted in the side panel of the unit. Just like a computer, the fan runs at all times when power is applied to the Pinspotter, e.g., form the Managers Control.

Diagnostic LED's

Power: Indicates when the chassis has power

High Voltage Fault: Indicates when there is a short in the 115Volt circuit

Low Voltage Fault: Indicates when there is a short in the 24Volt circuit

Cycle: Lights when machine is in continuous cycle

1st – Ball – 2nd: Indicates whether the machine is on First or Second ball

Sweep: Lights when button is depressed while operating a Sweep

Table: Lights when button is depressed while operating the Table

Pin: Lights when pin feed solenoid is energized to fill the table

L & K: Checks all the respot cell switches

Foul: Lights when the chassis receives a signal from the foul unit

Instruct: Lights when machine is on Instruct-O-Mat mode

Option Switch's

Cycle: Allows the pinspotter to be cycled from the managers control when going from Instruct-O-Mat to Bowl

Instruct: Disables managers control for Instruct-o-Mat by keeping power off the machine

Foul: Enables disabling of the foul communication to the machine: without disabling the foul light at the approach

Push Button Function Controls

Sweep: Enables running the sweep from the Chassis

Table: Enables running the Table from the Chassis

Reset / Program Zero: Enables zeroing the memory of the Chassis. Also serves as a manual intervention (a safety feature for mechanics) if the Chassis is shut down. This button "Must be Depressed" to restart machine

1st – Ball – 2nd: Enables the Mechanic to toggle the machine between 1st and 2nd ball.

Cycle: Enables the Mechanic to cycle the machine from the Chassis and operate a Continuous Cycle

Pin: Enables the Mechanic to control the Pin feed solenoid

L & K: Enables the Mechanic to perform a test of all the respot cell switches

Resetable Breakers

Main Power Circuit Breaker: Shuts down power to the machine

Table Motor: Protects Chassis if motor overloads

Sweep Motor: Protects Chassis if motor overloads

Back-End Motor: Protects Chassis if motor overloads

Solenoid: Protects Chassis if a short occurs