

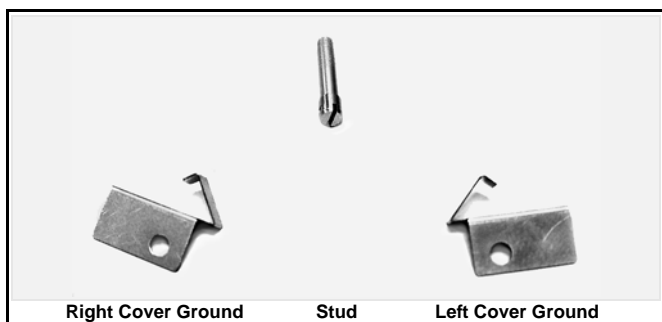


Technical Bulletin 200502

www.jcm-american.com

The JCM web site provides the tools you need, including the software information database with DIP switch information, our photo parts catalog, online ordering form, repair service, and more.

Parts are Parts



Right Cover Ground Stud Left Cover Ground

- Part No.** 096404 Catch stud
 096408 Cover ground left
 096409 Cover ground right

Description: Cover Ground Springs

Usage: The cover ground spring is a part of WBA Mechanical Revision 3 for WBA. These spring metal pieces are attached inside the upper tray to insure proper grounding of the metal cover. Proper grounding of the cover plate prevents potential Electro-Static Discharge (ESD) problems.

Note: Prior to this revision the static was dissipated by a clip located on the cover that contacted the latch pivot pin. JCM discovered that repeated removals of this clip for cleaning and diagnostics could weaken clip tension. The new springs provide a secondary/better grounding connection that helps prevent an ESD buildup.

JCM Latest Software Listing

UNIT	ID	Version*	Check Sum
WBA-10/11-SS	ID-003	V-3.34-25	DBA9
WBA-10/11-SS	ID-022/023	V-3.34-03	7FCF
WBA-10/11-SS	ID-024	V-3.34-29	FF9F
WBA-12/13-SS	ID-003	V-3.34-21i*	1185
WBA-12/13-SS	ID-0C3	V-3.34-09i*	F1C3
WBA-12/13-SS	ID-003 (Aristocrat)	V-3.34-22i*	11DB
WBA-12/13-SS	ID-003 (Spieio)	V-3.34-23i*	FA6F
WBA-12/13-SS	ID-003 (Bally/Atronic/SDG)	V-3.34-25i*	2994
WBA-12/13-SS	ID-022/023	V-3.34-03i*	5A07
WBA-12/13-SS	ID-044C	V-3.34-05i*	144E
WBA-12/13-SS	ID-044	V-3.34-05i*	FD8D
WBA-12/13-SS	ID-023B	V-3.34-04i*	DF4E
WBA-12/13-SS	ID-024	V-3.34-27	8999
DBV-200-B0/B1	ID-022/023	V-2.51-04-03	32FC
DBV-200-A2/A3	ID-004/BAR	V-2.50-05	8F51
DBV-200-A2/A3	ID-044P/045P	V-2.50-05	8BD0
DBV-200-A2/A3	ID-011/015	V-2.50-09	5B42
DBV-200-A2/A3	ID-044/045W	V-2.50-04	5151
DBV-200-A2/A3	ID-044WP/045WP	V-2.50-05	D273
DBV-200-B4/B5	ID-024	V-2.50-09	070D
DBV-200-B4/B5	ID-003	V-2.50-02	44EE

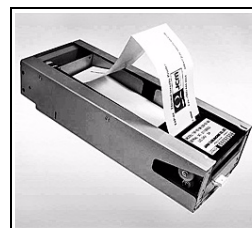
* an "i" suffix indicates Intelligent Cash Box option.

UNIT	ID	Version	Check Sum
TSP-02	033	2.01	C11F
TSP-02	024CE (Caesar's Entertainment)	2.04	ECCF
TSP-02	024JC (New Jersey Caesar's Entertainment)	2.04	EE7F
TSP-02	024LT (Lottery)	2.00	4E33
TSP-02	024NJ (New Jersey)	2.00	798E
TSP-02	024NV (Nevada)	2.00	8566
TSP-02	024NVW (Nevada - WMS)	2.00	EB22
TSP-02	033CE (Caesar's Entertainment)	2.00	6B31
TSP-02	033IL (Illinois)	2.00	7D8F
TSP-02	033JC (New Jersey Caesar's Entertainment)	2.00	95C5
TSP-02	033NJ (New Jersey)	2.00	6558
TSP-02	033NV (Nevada)	2.00	6178
TSP-02	033NY (New York - Lottery)	2.00	8EB8

The list of JCM bill validator software provided herein notifies customers of the latest versions developed. However, the listing does not identify versions approved by gaming jurisdictional authorities for actual use. Customers should consult JCM's Customer Service/Parts Sales departments concerning approved versions for jurisdictions of intended use.

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The TSP-02 (Thermal Security Printer) by JCM was specifically designed to meet the needs of your Ticket In - Ticket Out casino operation. Our printer is designed to outlast the competition. With printers in the field that have been running for over two years with no field issues, JCM takes pride in the technology used in our printer solution. By designing the bill validator and the companion printer to go with it, JCM can guarantee the maximum in acceptance rates and printed ticket quality. Contact your local JCM Sale Representative today for additional information.





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Technical Bulletin 200502 February 2005

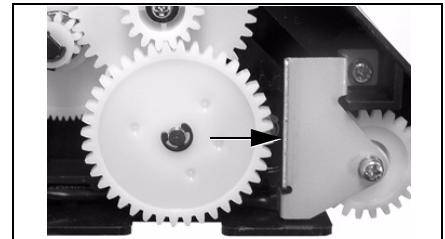
Technical Tips

Revision 3 Improvements to the WBA

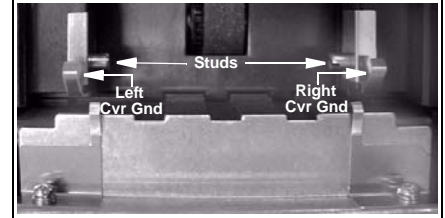
Several component changes have been incorporated into the WBA-SS/SU/SH Transport assembly. These changes standardize the WBA product line using components incorporated into the WBA-24/25 series for improved performance. The following component changes increase the serviceability of the transport and extend the life cycle of some of the internal components:

- A stiffener plate added to Stacker side gear assembly.
- Bushing and gear material changes to extend component life and reduce PM cycles.
- Improved clutch mechanism and standardization of the carrying and stacking motors.
- Transport cover grounding clips to improve ESD dissipation on the cover plate.

This Revision was incorporated into production models starting early 2004. The revised transport assembly will be identified as Rev 3 on the R/H rear surface decal of the transport. The SS/SU/SH model transports will now share many similar components to ensure uniform serviceability.



Stiffener Plate Location



Cover Ground Locations

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