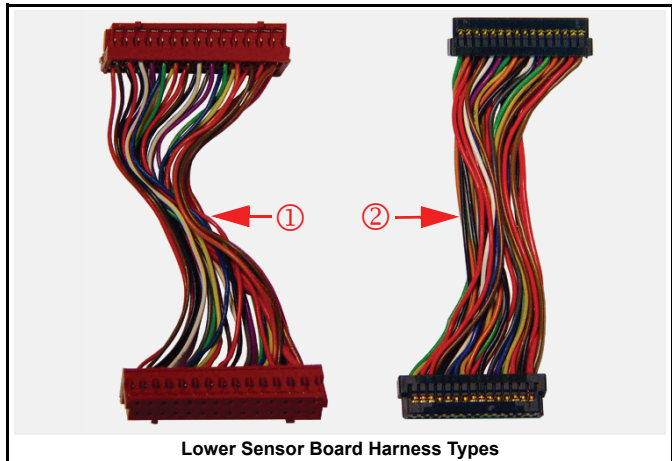


www.jcm-american.com

The JCM Website provides the tools required to service all of our products. This includes a software information database containing DIP Switch information, Customer Notifications, Product Manuals, Diagnostic Applications and much more.

Parts are Parts



Part No. 400-100695R

Description: Harness, Lower Sensor Board, UBA-24 ②

Usage: Connects the Lower Sensor Board of the UBA-24 to its CPU Board.

Note: This harness is different than the harnesses used in the UBA-10/11 & 14 Series ①. The reason is that the UBA-24 Lower Sensor Board contains a Barcode Sensor on it to enable the Unit to read Barcodes when it is mounted as an Up-stack Unit. The UBA-24 still contains a Barcode Sensor on its Upper Sensor Board so that it can also be used as a Down-stack Unit as well. To determine which Barcode Sensor is being used, the proper Machine Harness for the back of the Frame must be selected.

Latest JCM Software Listing

UNIT	ID	Version*	CRC or Check Sum
UBA-10/11-SS	ID-003	V1.92-20	FC37
UBA-10/11-SS	ID-024	V1.77-17	719A
UBA-14/24-SS/SU	ID-003	V-1.71-16	CRC=7B3F
UBA-14/24-SS/SU	ID-0G8	V-1.76-63	CRC=487D
UBA-14-SS & UBA-24-SS/SU	ID-024	V1.92-27	CRC=EA7A
UBA-14-SS & UBA-24-SS/SU	ID-028	V1.76-13	CRC=650A
WBA-12/13-SS	ID-003	V-3.76-32i*	CA99
WBA-12/13-SS	ID-044C	V-3.75-05i*	FE10
WBA-12/13-SS	ID-044	V-3.75-05i*	D716
WBA-12/13-SS	ID-024	V-3.75-34	CD3B
DBV-200-B0/B1	ID-022/023	V-2.61-04-03	79E0
DBV-200-A2/A3	ID-044P/045P	V-2.70-05	AA03
DBV-200-A2/A3	ID-044WP/045WP	V-2.61-05	19F7
DBV-200-B4/B5	ID-024	V-2.70-11	6C31
DBV-200-B4/B5	ID-003 (Head Only)	V-2.61-02	9E55

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

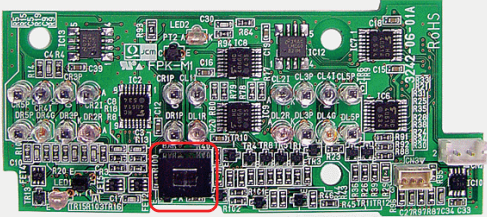
The list of JCM Banknote Validator Software provided herein notifies customers of the latest versions developed. However, the listing does not identify versions approved by gaming jurisdictional authorities for actual use. Customers should always consult the JCM's Parts Sales Departments concerning approved versions for use in their specific jurisdictions intended for operation.

Technical Notes

See the below Table for the Different Harness and Lower Sensor Board Part Numbers available for the UBA-10/11/14 & UBA-24 Series Validators.

Unit	Harness P/N	Lower Senspr Board P/N
① UBA -10/11&14	400-100504R	300-100332R
② UBA-24	400-100695R	300-200138R

The UBA-24 Lower Sensor Board



Barcode Sensor

Save Time and Labor with JCM's Intelligent Cash Box System

The ICB® (Intelligent Cash Box) system is a unique cash management system that allows the operator to track a Cash Box and its contents through the entire cash process. The ICB system eliminates the need for dedicating Cash Boxes to specific machines, or putting barcode identification labels on the Cash Boxes. The Cash Boxes are tracked electronically eliminating most variance issues, and with the custom reports provided to each department, accuracy and efficiency is greatly improved.





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Technical Bulletin 201002 February 2010

Technical Tips

Question: When using the AccLoad Program, what are the Reject Data Error descriptions on Table 1 on Page 15 and the Abnormal/Malfunction Codes in Table 3 on Page 17 of the AccLoad Software Installation Guide used for?

Answer: The Error and Malfunction Codes, and their possible causes are listed in the two Tables shown below:

Table 1 UBA Reject Data Error Codes

Error No.	Error Description	Possible Cause
1	Slant Insertion	Entrance Sensor, Validation Sensors
2	Magnetic Sensor Pattern Error	Clean Magnetic Head and Rollers
3	Idle Detection	Check for jammed Banknote, clean Optical Sensors Lens
4	Sensor Adjustment	Clean Upper or Lower Sensors Lens, Calibrate if problem continues
5	Banknote Feed Error	Clean Belts, and/or debris blocking the Banknote path
6	Banknote Identification Error	Check Banknote Condition, clean Sensors Lens
7	Bar Code Error	Clean Bar Code Reader Lens
8	Double Detect	Double Notes inserted, clean validation Sensors Lens
9	Inhibit Banknote	Note Disabled by Command or DIP Switch setting
10	Return by Host Command	Return by Host Command
11	Reserved	Reserved
12	Banknote Detection Error	Check all Banknote path Sensors, clean the Sensors Lens
13	Banknote Length Error	Check Banknote condition, clean validating Sensors Lens
14	Bill Jam	Check for a jam at the backside of the UBA, before the Exit Sensor
15	UV Optical Sensor Error	Clean the UV Sensor and White Reflective Block

Table 1 of the AccLoad Software Installation Guide

Table 2 UBA Abnormal/Malfunction Error Codes

Error No.	Error Description	Possible Cause
1	Cashbox Full	Replace Cash Box
2	Stacker Pusher Mechanism Fault, Jam in Transport (1)	Check banknote jam in Cash Box, check stacker motor & encoder
3	Jam in Transport (2)	Jam at Exit Sensor
4	Jam in Acceptor	Check Banknote Path, clean sensor lens. Replace Lower Sensor PCB
5	Transport Motor Speed Error	Check debris in belts, check for Motor failure
6	Transport Motor Fault	Motor or CPU Failure (Motor Drivers)
7	Sensor Failure	Check and/or replace Upper or Lower Sensor PCB
8	Processor Communications	Check Upper Sensor PCB, Processor PCB and cable connection between the two
9	Anti Pullback Unit Fault	Check for jam at Pull Back Assembly
10	Cash box error	Re-insert Cash Box
11	ICB Module	Check ICB Function
12	Cheat Condition Detected	Check for debris in bill path, clean sensors lens
13	Centering Mechanism Solenoid Fault	Check Solenoid Function
14	Centering Mechanism Fault	Check for Jammed Centering mechanism and centering home sensor
15	Reserved	N/A

Table 3 of the AccLoad Software Installation Guide



NOTE: Startup Errors for the UBA do not show in the Accload™ Program. Refer to the UBA Operations and Service Manual, Appendix A for information regarding Startup Errors (JAC No. 960-000097R).



JCM TECHNICAL SUPPORT CONTACTS

General Product Support:

Toll Free Product Support	(800) 683-7248	techsupport@jcm-american.com
Training	(800) 683-7248	training@jcm-american.com

After Hours Support

JCM American prides itself in offering the best customer service in the industry. We prove this by offering a 24 hour hotline, where Technical Support Personnel can be reached at any time, 7 days a week. To reach our 24/7 after hour's hotline, just follow these three easy steps:

1. Call JCM American at (800) 683-7248, then
2. Select "Option 5" and wait for the call to be transferred to the JCM after hour's Technical Support line.
3. Speak with a certified JCM support technician about your situation.

TOVIS TECHNICAL SUPPORT CONTACTS

Tovis Support Center

Product Support - Tovis Service Center	(702) 263-5560 (Mon - Fri, 9am - 5pm)	roy@tovism.com
Parts & Service	(702) 263-5560	roy@tovism.com

TRANSACT TECHNICAL SUPPORT CONTACTS

Product Support	(877) 748-4222 Option-3	techsupport@transact-tech.com
Parts	(877) 748-4222 Option-2	techsupport@transact-tech.com
Service	(877) 748-4222 Option-2	http://www.transact-tech.com/tsg/rma.html



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