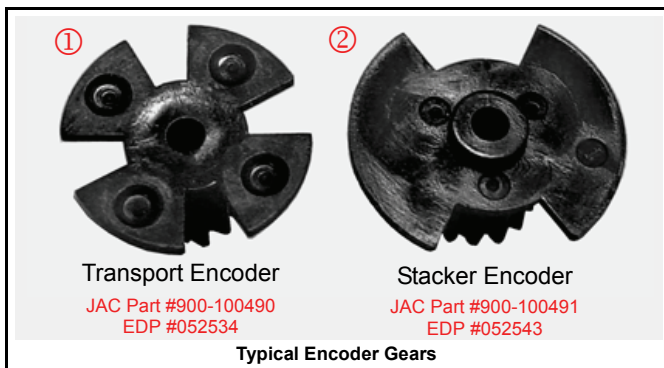


www.jcmglobal.com

The JCM Global 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 more.

Parts are Parts



Typical Encoder Gears

Part No. 900-100490 (EDP#052534), 900-100491 (EDP#052543)

Usage: These gears are located on the WBA Motors and contain Flag Encoders used to indicate the Motor's speed.

The Transport Encoder ① is also used to tell the distance traveled by a Banknote once it enters the Transport Section by counting the number of Encoder Blades that have blocked the Sensor after the Banknote has blocked the Entrance Sensors.

The Stacker Encoder ② is used to indicate the distance the Stacker Pusher Plate has traveled into the Cash Box. By counting the Encoder Blades from the initiation of the Pusher Plate's travel, the CPU can calculate when the Cash Box is at maximum capacity.

Note: Use caution when changing Encoder Gears, so the the rear Brush Cover is not dislodged in the process.

(See installation procedure on reverse side of this Bulletin).

Latest JCM Software Listing

UNIT	Country	ID	Version*	Check Sum	CRC
UBA-10/11-SS	USA	ID-003	V1.92-20	FC37	
UBA-10/11-SS	USA	ID-024	V1.77-17	719A	
UBA-14/24-SS/SU	USA	ID-003	V-1.71-16		7B3F
UBA-14/24-SS/SU	USA	ID-0G8	V-1.76-63		487D
UBA-14-SS & UBA-24-SS/SU	USA	ID-024	V1.92-27		EA7A
UBA-14-SS & UBA-24-SS/SU	USA	ID-028	V1.76-13		650A
UBA-25-SS/SU	USA	ID-024	V2.05-28	2375	
UBA-25-SS/SU	USA	ID-028	V1.77-14	2375	
WBA-12/13-SS	USA	ID-003	V-3.76-32i*	CA99	
WBA-12/13-SS	USA	ID-044C	V-3.75-05i*	FE10	
WBA-12/13-SS	USA	ID-044	V-3.75-05i*	D716	
WBA-12/13-SS	USA	ID-024	V-3.76-34	D50B	
UBA-10/11-SS	EUR	ID-003	V-205-20	403F	790E
UBA-10/11-SS	SWE	ID-003	V-205-20	A3E5	95B2
UBA-10/11-SS	ZAF	ID-003	V-205-20	E57F	2F46
UBA-10/11/12-SS	BWA	ID-003	V-196-20	D605	3342
UBA-10/11/12-SS	BGR	ID-003	V-205-20	DA20	21D1
UBA-10/11/12-SS	EST	ID-003	V-205-20	97B4	52BF
UBA-10/11/12-SS	NAM	ID-003	V-205-20	D12C	A4C1
UBA-10/11/12-SS	TUR	ID-003	V-198-20	D722	584A
UBA-10/11/12-SS	DNK	ID-003	V-196-20	AC20	37B5
UBA-10/11/12-SS	DNK+EUR	ID-003E	V-196-20	13BD	D73A
UBA-10/11/12-SS	BIH	ID-003	V-205-20	88F1	D73A
UBA-14-SS & UBA-24-SS/SU	EUR	ID-003	V-195-20	DBC7	2BB1
UBA-14-SS & UBA-24-SS/SU	ZAF	ID-003	V-205-20	C3AC	0653
UBA-14-SS & UBA-24-SS/SU	GBP+SCO	ID-003	V-205-20	DBC7	8FE5

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

The list of JCM Banknote Validator Software provided herein notifies Customers of the latest Software 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.

Current Service Manuals

Product	Rev.	JAC Part #	Product	Rev.	JAC Part #
DBV-30X	3	960-000103R	UBA 10/11/14/24/25	3	960-000097R
Taiko (PUB-7/11)	A	960-000175R	WBA-1X/2X	1	960-000076R
Vega	1	960-000189RA	N/A	—	—

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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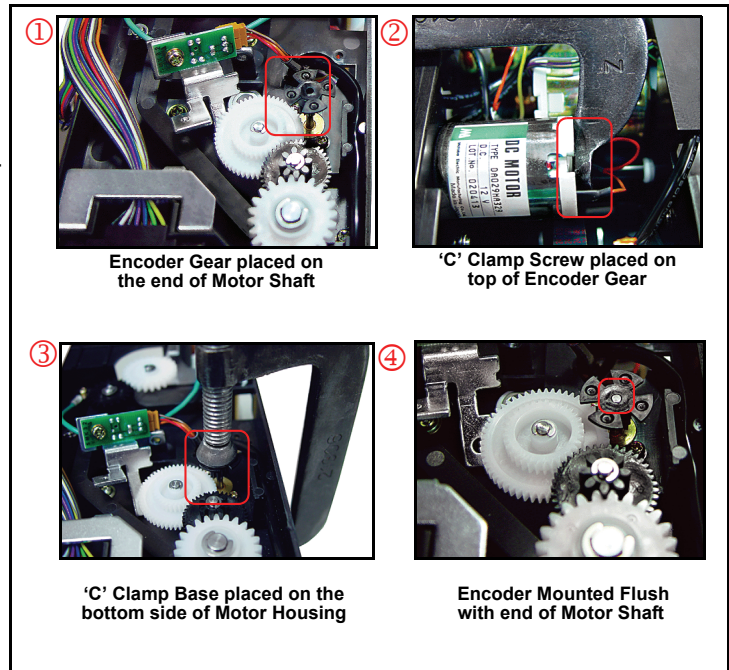
Technical Bulletin 201007 July 2010

Technical Tips

Question: What is the proper method of installing Encoder Gears on a WBA Validator?

Answer: When installing WBA Encoder Gears on a Validator's Transport Motor, it is very important to make sure the rear end of the Motor is supported. If the Encoder Gear is pushed on from the front without supporting the rear face of the Motor, it is possible to push the Brush Housing out of the Motor Case.

The best method of remounting the Encoder Gear is to start by placing it on the end of the Motor shaft ① and, using a 'C' Clamp to support the rear Motor Cover ②, slowly press the Encoder Gear into position by closing the 'C' Clamp ③. This method will ensure that the pressure exerted on the Motor Shaft does not dislodge the Motor's rear Cover Plate, and will simultaneously align the gear in the proper position flush with the end of the Motor Shaft ④.



Proper Encoder Gear Mounting Process



JCM TECHNICAL SUPPORT CONTACTS

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Australia, Oceania

Sales and Service	61-2 9648 0811	ipayne@jcmglobal.com
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Southeast Asia

Sales and Service	853 28 72 2648	jim.teng@jcmglobal.com
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North/South America/Canada/Caribbean

Toll Free Product Support	(800) 683-7248 or (702) 651-0000	techsupport@jcmglobal.com
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After Hours America's 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. 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.

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