

EDI Transaction Set

844 Product Transfer Account Adjustment

Outbound to Supplier

X12 Version 4010

September 2013

ECIA's EDI Committee has reviewed this transaction set and made modifications that will benefit the electronics industry by simplifying the transaction focusing on industry specific needs.

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844 Product Transfer Account Adjustment

Functional Group ID= **CF**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Product Transfer Account Adjustment Transaction Set (844) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit specific data in the form of a debit, credit, or request for credit relating to pre-authorized product transfer actions.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
2	010	ST	Transaction Set Header	M	1		
3	020	BAA	Beginning Segment for Product Transfer Account Adjustment	M	1		
			LOOP ID - N1			50	
4	070	N1	Name	O	1		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CON			10000	
5	010	CON	Contract Number Detail	M	1		
			LOOP ID - N1			50	
6	050	N1	Name	O	1		
			LOOP ID - PAD			1000	
7	110	PAD	Product Adjustment Detail	O	1		
8	120	LIN	Item Identification	O	1		
9	150	UIT	Unit Detail	O	5		
10	160	QTY	Quantity	O	5		
11	190	REF	Reference Identification	O	12		
12	200	DTM	Date/Time Reference	O	10		

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
13	010	CTT	Transaction Totals	M	1		n2
14	030	SE	Transaction Set Trailer	M	1		
15			APPENDIX – Sample 844 Transaction				

Transaction Set Notes

1. Number of line items (CTT01) is the accumulation of the number of CON segments. If used, hash total (CTT02) is the sum of adjustment quantities (QTY02) for each QTY segment.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary				
	Ref. Des.	Data Element	Name	Attributes
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 844	M ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

Segment: **BAA** Beginning Segment for Product Transfer Account Adjustment

Position: 020

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To identify the beginning of a Product Transfer Account Adjustment Transaction Set and further define the type of product account adjustment transaction set and its reference number and date

Syntax Notes: 1 If either BAA04 or BAA05 is present, then the other is required.

Semantic Notes: 1 BAA03 is the account adjustment date.

2 BAA06 is the account adjustment time.

Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	BAA01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 - Original	M ID 2/2
M	BAA02	640	Transaction Type Code Code specifying the type of transaction RC - Request for credit	M ID 2/2
M	BAA03	373	Date Date expressed as CCYYMMDD	M DT 8/8
	BAA04	128	Reference Identification Qualifier Code qualifying the Reference Identification DL – sellers debit memo Optional	O ID 2/3
	BAA05	127	Reference Identification Optional	O AN 1/30
	BAA06	337	Time Not used	O TM 4/8

Segment: **N1** Name
Position: 070
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 N105 and N106 further define the type of entity in N101.

Data Element Summary				
	Ref. Des.	Data Element	Name	Attributes
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual DB - branch	M ID 2/3
	N102	93	Name Optional	O AN 1/60
	N103	66	Identification Code Qualifier 91 - Assigned by supplier 92 - Assigned by distributor Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/2
	N104	67	Identification Code If N103 = 91, Supplier's Code If N103 = 92, Distributor Branch Number	X AN 2/80
	N105	706	Entity Relationship Code Code describing entity relationship Not used	O ID 2/2
	N106	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual Not used	O ID 2/3

Segment: **CON** Contract Number Detail
Position: 010
Loop: CON Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify contract or reference number and status
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	Ref. Des.	Data Element	Name	Attributes
M	CON01	128	Reference Identification Qualifier Code qualifying the Reference Identification PR - Price Authorization Number	M ID 2/3
M	CON02	127	Reference Identification Authorization Number	M AN 1/30
M	CON03	846	Contract Status Code Code designating the current status of the contract VA - Open Contract	M ID 2/2

Segment: **N1** Name
Position: 050
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 N105 and N106 further define the type of entity in N101.

Data Element Summary				
	Ref. Des.	Data Element	Name	Attributes
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual BY - Buying party	M ID 2/3
	N102	93	Name End Customer Name	M AN 1/60
	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 92 - Assigned by distributor	X ID 1/2
	N104	67	Identification Code Distributor's customer number	X AN 2/80
	N105	706	Entity Relationship Code Code describing entity relationship Not used	O ID 2/2
	N106	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual Not used	O ID 2/3

Segment: **PAD** Product Adjustment Detail
Position: 110
Loop: PAD Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the product transfer type, and/or line item number
Syntax Notes: 1 At least one of PAD01 or PAD02 is required.
2 If either PAD04 or PAD05 is present, then the other is required.
Semantic Notes: 1 PAD01 is the line item identification.
Comments:

Data Element Summary				
Ref. Des.	Data Element	Name	Attributes	
PAD01	350	Assigned Identification Adjustment Number Can be used to identify line number on customer's order	X	AN 1/20
PAD02	521	Product Transfer Type Code Code identifying the type of product transfer	X	ID 2/2
PAD03	670	SD - Ship & Debit Change or Response Type Code Code specifying the type of change to the line item	O	ID 2/2
PAD04	648	Not used Price Multiplier Qualifier Code indicating the type of price multiplier	X	ID 3/3
PAD05	649	Not used Multiplier Not used	X	R 1/10

Segment: **LIN** Item Identification
Position: 120
Loop: PAD Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify basic item identification data
Syntax Notes: 1 If either LIN04 or LIN05 is present, then the other is required.
Semantic Notes: 1 LIN01 is the line item identification
Comments: 1 See the Data Dictionary for a complete list of IDs.
2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item.
For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Data Element Summary				
	Ref. Des.	Data Element	Name	Attributes
	LIN01	350	Assigned Identification	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
M	LIN02	235	Product/Service ID Qualifier	M ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			VP - Vendor's part number	
M	LIN03	234	Product/Service ID	M AN 1/48
			Vendor's part number	
	LIN04	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			BP - Distributor part number	
	LIN05	234	Product/Service ID	X AN 1/48
			Distributor's part number	

Note: Elements LIN06 through LIN31 are not used.

Segment: **UIT** Unit Detail
Position: 150
Loop: PAD Optional
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To specify item unit data
Syntax Notes: 1 If UIT03 is present, then UIT02 is required.
Semantic Notes:
Comments:

Data Element Summary				
	Ref. Des.	Data Element	Name	Attributes
M	UIT01	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	M
M	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA - Each	M ID 2/2
	UIT02	212	Unit Price Maximum of five decimal places	X R 1/17
	UIT03	639	Basis of Unit Price Code Code identifying the type of unit price for an item RS - Resale price CA - Catalog price QT - Quoted price	O ID 2/2

Segment: **QTY** Quantity
Position: 160
Loop: PAD Optional
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To specify quantity information
Syntax Notes: 1 At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: 1 QTY04 is used when the quantity is non-numeric.
Comments:

Data Element Summary				
	Ref. Des.	Data Element	Name	Attributes
M	QTY01	673	Quantity Qualifier Code specifying the type of quantity 39 - Quantity shipped	M ID 2/2
	QTY02	380	Quantity Quantity shipped	X R 1/15
	QTY03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O
	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA - Each	M ID 2/2
M	QTY04	61	Free-Form Message Not Used	X AN 1/30

Segment: **REF** Reference Identification
Position: 190
Loop: PAD Optional
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:

Data Element Summary				
	Ref. Des.	Data Element	Name	Attributes
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification DI - Invoice Number (Distributor's Invoice Number) PO - Purchase Order (Customer PO Number) LI - Line Item Identifier (Seller's)	M ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	REF03	352	Description Not used	X AN 1/80
	REF04	C040	Reference Identifier Not used	O

Segment: **DTM** Date/Time Reference
Position: 200
Loop: PAD Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary				
	Ref. Des.	Data Element	Name	Attributes
M	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			003 - Invoice date	
	DTM02	373	Date	X DT 8/8
			Invoice date expressed as CCYYMMDD	

Note: Elements DTM03 through DTM06 are not used.

Segment: **CTT** Transaction Totals
Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.
2 If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary				
	Ref. Des.	Data Element	Name	Attributes
M	CTT01	354	Number of Line Items	M N0 1/6
			Total number of line items in the transaction set	
	CTT02	347	Hash Total	O R 1/10
			Sum of quantities in field QTY02.	

Note: Elements CTT03 through CTT07 are not used.

Segment: **SE** Transaction Set Trailer
Position: 030
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary				
	Ref. Des.	Data Element	Name	Attributes
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
M	SE02	329	Transaction Set Control Number This number must match the transaction set control number (ST02) in the transaction set header segment.	M AN 4/9

APPENDIX

Sample 844 Transaction Set

ISA~00~ ~00~ ~01~DISTY ~ZZ~ SUPPLIER ~080809~2252~U~00401~000068160~0~P~<
GS~CF~DISTY~ SUPPLIER ~20080809~2252~65100~X~004010
ST~844~651000001
BAA~00~RC~20080809~DL~HE010809
N1~DB~~92~HE01
CON~PR~900531~VA
N1~BY~ VALUED END CUSTOMER ~92~HE0103507031
N1~EC~GOODRICH AEROSPACE~92~ H55505555001
PAD~001307~SD
LIN~~VP~24LC02B/SN~BP~24LC02B/SN
UIT~EA~.99~RT
UIT~EA~.98~CA
UIT~EA~.97~QT
QTY~39~310~EA
REF~DI~H0500005564027005
REF~PO~11874LQ17514
REF~LI~01
DTM~011~20080808
CTT~1~310
SE~18~651000001