



The Global Network for B2B Integration in High Tech Industries

Transaction Set

849

Response to Product Transfer Account Adjustment

Functional Group ID = CF
X12 Version 004 Release 010

December 2002



Revision History

Date	Description
December 2002	Published



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OVERVIEW

1. FUNCTIONAL DEFINITION

This Draft Standard for Trial Use contains the format and establishes the data contents of the Response to Product Transfer Account Adjustment Transaction Set (849) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit a detailed or summary response to a party requesting an accounting adjustment relating to a pre-authorized product transfer.

2. CONSIDERATIONS

N/A.

3. TRADING PARTNERS

1. Any sender to any receiver.

4. EDIFICE BUSINESS MODELS

This is a simple recast/version upgrade of an existing EDIFICE guideline. Business models were not re-evaluated

5. FIELD OF APPLICATION

This transaction may be applied for both national and international trade. It is based on universal commercial practice and is not dependent on the type of business or industry.

6. FORMAT

The transmission in the ASC X12 format uses two required envelopes. One is the ISA Interchange Control Header Segment, which starts and identifies an interchange of zero or more functional groups and interchange-related control segments. The ISA includes the sender's mailbox address and a receiver's mailbox address, and specifies which delimiter (a/k/a control, service) characters (data element separator, component element separator and data segment terminator) are being used.

There are no default service characters reserved for use in ASC X12. Allowable service characters should be discussed between trading partners.

The second required envelope is GS Functional Group Header, which indicates the beginning of a functional group and provides group level control information. The GS segment includes functional group level sender and receiver addresses, typically used by the trading partner(s) for internal routing. The GS also includes the GS08 ASC X12 Version/Release/Industry Identifier Code. EDIFICE does not recommend the use of an Industry Identifier code.

The functional groups are analogous to batches of like documents, i.e. purchase orders, invoices, etc. Each functional group contains one or more transaction sets (electronic documents).

Each transaction set is an ordered collection of segments.

Each segment is an ordered collection of data elements. Each segment has been assigned a two or three character identifier. This identifier marks the beginning of each segment. Each element within the segment is separated by a data element delimiter. EDIFICE recommends the use of the asterisk (*) character as a data element delimiter. A segment terminator character is used to mark the end of a segment.

Any shaded areas indicate EDIFICE recommended usage and comment.

7. ATTRIBUTES

Each data element has three ANSI attributes: Element usage, element type and minimum/maximum length. EDIFICE has additional usage indicated for optional segments and elements which are noted in the following table.

MARGIN	ATTRIBUTE	DE NOTE	MEANING
Must Use	M (Mandatory)	N/A	If a segment, composite, or stand alone data element is mandatory according to the standard, EDIFICE cannot change the mandatory status on that component. <i>DATA ELEMENT within a COMPOSITE:</i> A data element within a composite is mandatory only if the composite is used.
X	C or X (Conditional) or O (Optional)	No note or NOT USED	EDIFICE has determined no value in supplying the composite or data element; hence, it need not be generated.
Blank	C or X (Conditional) or O (Optional)	REQUIRED	EDIFICE members agree that the data concerned must be sent.
Blank	C or X (Conditional) or O (Optional)	No note	Indicates that EDIFICE makes no recommendation regarding usage. The trading partners must agree on usage.
Blank	C or X (Conditional) or O (Optional)	ADVISED	EDIFICE has determined value in supplying the data element; hence, it should be generated.
Blank	C or X (Conditional) or O (Optional)	DEPENDING	Data must be sent if a particular defined condition or set of conditions exist. The associated conditions must be explained at the appropriate level of detail.

8. CHANGES FROM VERSION 3020

Only segments, elements or codes used by EDIFICE are listed. Some fields which have increased in maximum length are not listed.

- All date fields changed from 6/6 (YYMMDD) to 8/8 (CCYYMMDD)
- Changes made to bring transaction into conformance with Product and Other ID supporting document; miscellaneous changes to code lists and notes.
- Per Product and Other ID support document, added codes to DE 98 and DE 66 code lists (used in N1 segment).
- Per Product and Other ID support document, changed N2, N3 and N4 segments to 'Used'
- Per Product and Other ID support document added code 'EM' Electronic Mail to DE 365 (used in PER03).
- Max length of DE 93 Name (used in N102) changed from 35 to 60
- Max length of DE 67 Identification Code (used in N104) changed from 17 to 80
- Max length of DE 350 Assigned Identification (used in PO101) changed from 11 to 20; EDIFICE still recommends that trading partners use no more than 6 bytes.
- Max length of DE 427 Unit Price Difference changed from 9 to 15.
- Max length of DE 212 Unit Price changed from 14 to 17.
- Max length of DE 235 Product/Service ID (used in LIN segment) changed from 30 to 48.
- Per Product and Other ID supporting document, added codes to DE 235 code list (used in LIN segment).
- Requirement of DE 234 Product/Service ID Qualifier (used in LIN segment) changed from 'O' Optional to 'X' Conditional.

SEGMENT TABLES

849 Response to Product Transfer Account Adjustment – List of Used and Not Used Segments

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BRC	Beginning Segment for Response to Product Transfer Account Adjustment	M	1		
Not Used	022	CUR	Currency	O	1		
	030	AAA	Request Validation	O	10		
Not Used	040	NTE	Note/Special Instruction	O	10		
Not Used	050	REF	Reference Identification	O	12		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	DTM	Date/Time Reference	O	10		
						LOOP ID – N1	50
	080	N1	Name	O	1		
	090	N2	Additional Name Information	O	2		
	100	N3	Address Information	O	2		
	110	N4	Geographic Location	O	1		
Not Used	120	REF	Reference Identification	O	12		
	130	PER	Administrative Communications Contact	O	3		

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
						LOOP ID – CON	10000
	010	CON	Contract Number Detail	O	1		
Not Used	020	AAA	Request Validation	O	10		
Not Used	030	REF	Reference Identification	O	12		
Not Used	040	PER	Administrative Communications Contact	O	3		
Not Used	050	DTM	Date/Time Reference	O	10		
						LOOP ID – N1	50
	060	N1	Name	O	1		
	070	N2	Additional Name Information	O	2		
	080	N3	Address Information	O	2		
	090	N4	Geographic Location	O	1		
Not Used	100	REF	Reference Identification	O	12		
Not Used	110	PER	Administrative Communications Contact	O	3		
						LOOP ID – PAD	1000
	120	PAD	Product Adjustment Detail	O	1		
	130	LIN	Item Identification	O	1		
	140	AAA	Request Validation	O	10		
Not Used	150	PID	Product/Item Description	O	200		
Not Used	160	MEA	Measurements	O	40		
	170	UIT	Unit Detail	O	5		



	180	QTY	Quantity	O	5	
Not Used	190	AMT	Monetary Amount	O	2	n1
Not Used	200	RCD	Receiving Conditions	O	1	
Not Used	210	REF	Reference Identification	O	12	
Not Used	220	DTM	Date/Time Reference	O	10	
Not Used	230	CUR	Currency	O	1	
Not Used	240	SSS	Special Services	O	1	

Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	CTT	Transaction Totals	M	1		n2
Not Used	020	AMT	Monetary Amount	O	5		n3
Must Use	030	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The AMT segment is to be used only in cases where the amount cannot be computed from other detail.
2. Number of line items (CTT01) is the accumulation of the number of CON segments. If used, hash total (CTT02) is the sum of the quantities (QTY02) for each QTY segment.
3. The AMT segment is to be used only in cases where the amount cannot be computed from other detail.

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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set 849 Response to Product Transfer Account Adjustment	
Must Use	ST02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set The control number is assigned by the sender. It should be sequentially assigned within each functional group to aid in error recovery and research. The control number in the SE segment (SE02) must be identical to the control number in the ST segment for each transaction.	



Segment: BRC Beginning Segment for Response to Product Transfer Account Adjustment

Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify the beginning of a Response to Product Transfer Account Adjustment Transaction Set

- Syntax Notes:** 1 If either BRC03 or BRC04 is present, then the other is required.
Semantic Notes: 1 BRC02 is the date of the response to product transfer account adjustment.
 2 BRC05 is the time of the response to product transfer account adjustment.

Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BRC01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original	M ID 2/2
Must Use	BRC02	373	Date Date expressed as CCYYMMDD	M DT 8/8
	BRC03	128	Reference Identification Qualifier Code qualifying the Reference Identification EDIFICE Usage: Advised. CM Buyer's Credit Memo DL Seller's Debit Memo	X ID 2/3
	BRC04	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier EDIFICE Usage: Advised.	X AN 1/30
Not Used	BRC05	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	O TM 4/8



Segment: **AAA** Request Validation

Position: 030

Loop:

Level: Heading

Usage: Optional

Max Use: 10

Purpose: To specify the validity of the request and indicate follow-up action authorized

Syntax Notes:

Semantic Notes: 1 AAA01 designates whether the request is valid or invalid. Code "Y" indicates that the code is valid; code "N" indicates that the code is invalid.

Comments: 1 If AAA02 is used, AAA03 contains a code from an industry code list.

Notes: EDIFICE Usage: Required. At least one occurrence of the AAA segment is required in the header or detail area. The header AAA segment is to be used for valid transactions only. AAA segments for invalid transactions are found in the detail table.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AAA01	1073	Yes/No Condition or Response Code	M ID 1/1
			Code indicating a Yes or No condition or response Y Yes "Yes" indicates that the request is valid.	
Not Used	AAA02	559	Agency Qualifier Code	O ID 2/2
			Code identifying the agency assigning the code values Refer to 004010 Data Element Dictionary for acceptable code values.	
	AAA03	901	Reject Reason Code	O ID 2/2
			Code assigned by issuer to identify reason for rejection Refer to 004010 Data Element Dictionary for acceptable code values.	
	AAA04	889	Follow-up Action Code	O ID 1/1
			Code identifying follow-up actions allowed N Resubmission Not Allowed R Resubmission Allowed	



Segment: N1 Name

- Position:** 080
- 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.

Notes: EDIFICE USAGE: Advised.

At least one entry should be provided for the distributor or distributor branch. Names and addresses are usually designated in the header area. It is recommended that the trading partner codify all the addresses within their system through the use of N104.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		DB Distributor Branch DS Distributor MF Manufacturer of Goods	
	N102	93 Name	X AN 1/60
		Free-form name	
		EDIFICE USAGE: Advised.	
		Facilitates audits and/or research.	
	N103	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		EDIFICE Usage: Advised.	
		1 D-U-N-S Number, Dun & Bradstreet	
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		14 UCC/EAN Location Code Prefix	
		The first part of a 13 digit UCC/EAN Location Code within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system. A globally unique 3 to 10 digit code for the identification of a	



			91	company		
			92	Assigned by Seller or Seller's Agent		
				Assigned by Buyer or Buyer's Agent		
	N104	67	Identification Code		X	AN 2/80
			Code identifying a party or other code			
			EDIFICE USAGE: Advised.			
			The number that identifies the location.			
Not Used	N105	706	Entity Relationship Code		O	ID 2/2
			Code describing entity relationship			
			Refer to 004010 Data Element Dictionary for acceptable code values.			
Not Used	N106	98	Entity Identifier Code		O	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual			
			Refer to 004010 Data Element Dictionary for acceptable code values.			



Segment: N2 Additional Name Information

Position: 090

Loop: N1 Optional

Level: Heading

Usage: Optional

Max Use: 2

Purpose: To specify additional names or those longer than 35 characters in length

Syntax Notes:

Semantic Notes:

Comments:

Notes: EDIFICE Usage: OPTIONAL. Use only when address information cannot be conveyed via an Identification Code on the N1 segment.
Note: Use of this segment may impede automation and application integration.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N201	93	Name	M AN 1/60
	N202	93	Free-form name Name Free-form name	O AN 1/60



Segment: N3 Address Information

Position: 100
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party

Syntax Notes:
Semantic Notes:
Comments:

Notes: EDIFICE Usage: OPTIONAL. Use only when address information cannot be conveyed via an Identification Code on the N1 segment.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N301	166	Address Information	M AN 1/55
	N302	166	Address information Address Information Address information	O AN 1/55

Segment: N4 Geographic Location

- Position:** 110
- Loop:** N1 Optional
- Level:** Heading
- Usage:** Optional
- Max Use:** 1
- Purpose:** To specify the geographic place of the named party
- Syntax Notes:** 1 If N406 is present, then N405 is required.
- Semantic Notes:**
- Comments:**
 - 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 - 2 N402 is required only if city name (N401) is in the U.S. or Canada.
- Notes:** EDIFICE Usage: OPTIONAL. Use only when address information cannot be conveyed via an Identification Code on the N1 segment.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
N404	26	Country Code Code identifying the country	O ID 2/3
N405	309	Location Qualifier Code identifying type of location Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/2
N406	310	Location Identifier Code which identifies a specific location	O AN 1/30



Segment: PER Administrative Communications Contact

Position: 130
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed

- Syntax Notes:**
- 1 If either PER03 or PER04 is present, then the other is required.
 - 2 If either PER05 or PER06 is present, then the other is required.
 - 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:
Comments:

Notes: EDIFICE USAGE: Advised.
 At least one direct contact in sender organization should be provided at the header level.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PER01	366	Contact Function Code	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named AD Accounting Department AR Accounts Receivable Department BD Buyer Name or Department CR Customer Relations EB Entered By IC Information Contact	
	PER02	93	Name	O AN 1/60
			Free-form name EDIFICE USAGE: Advised. Facilitates audits and/or research.	
	PER03	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	
	PER04	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable Recommended format for telephone number is: 800-555-1212X1234.	
Not Used	PER05	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number Refer to 004010 Data Element Dictionary for acceptable code	



Not Used	PER06	364	values. Communication Number	X	AN 1/80
			Complete communications number including country or area code when applicable		
Not Used	PER07	365	Communication Number Qualifier	X	ID 2/2
			Code identifying the type of communication number Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	PER08	364	Communication Number	X	AN 1/80
			Complete communications number including country or area code when applicable		
Not Used	PER09	443	Contact Inquiry Reference	O	AN 1/20
			Additional reference number or description to clarify a contact number		



Segment: CON Contract Number Detail

Position: 010
Loop: CON Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify contract or reference number and status

Syntax Notes:

Semantic Notes:

Comments:

Notes: Required by EDIFICE.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CON01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification PR Price Quote Number	
Must Use	CON02	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Must Use	CON03	846	Contract Status Code	M ID 2/2
			Code designating the current status of the contract	
			CL Closed contract – all quantities taken	
			DL Deleted Contract	
			EX Expired Contract	
			PR Proposed Contract	
			RO Reopened Contract	
			VA Valid Open Contract	



Segment: N1 Name

Position: 060
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.

Notes: EDIFICE USAGE: Advised.

This segment is used to identify the end customer involved in the transaction.
 It is recommended that the trading partner codify all the addresses within their system through the use of N104.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual BY Buying Party (Purchaser)	
	N102	93 Name	X AN 1/60
		Free-form name EDIFICE USAGE: Advised.	
		Facilitates audits and/or research.	
	N103	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67) Recommended by EDIFICE.	
		1 D-U-N-S Number, Dun & Bradstreet	
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		14 UCC/EAN Location Code Prefix	
		The first part of a 13 digit UCC/EAN Location Code within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system. A globally unique 3 to 10 digit code for the identification of a company	
		91 Assigned by Seller or Seller's Agent	



	N104	67	92 Assigned by Buyer or Buyer's Agent Identification Code Code identifying a party or other code EDIFICE USAGE: Advised.	X	AN 2/80
Not Used	N105	706	The number that identifies the location. Entity Relationship Code Code describing entity relationship Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	N106	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/3



Segment: N2 Additional Name Information

Position: 070

Loop: N1 Optional

Level: Detail

Usage: Optional

Max Use: 2

Purpose: To specify additional names or those longer than 35 characters in length

Syntax Notes:

Semantic Notes:

Comments:

Notes: EDIFICE Usage: OPTIONAL. Use only when address information cannot be conveyed via an Identification Code on the N1 segment. Note: Use of this segment may impede automation and application integration.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N201	93	Name	M AN 1/60
	N202	93	Free-form name Name Free-form name	O AN 1/60



Segment: N3 Address Information

Position: 080
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party

Syntax Notes:
Semantic Notes:
Comments:

Notes: EDIFICE Usage: OPTIONAL. Use only when address information cannot be conveyed via an Identification Code on the N1 segment.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N301	166	Address Information	M AN 1/55
	N302	166	Address information Address Information Address information	O AN 1/55



Segment: N4 Geographic Location

- Position:** 090
- Loop:** N1 Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** 1
- Purpose:** To specify the geographic place of the named party
- Syntax Notes:** 1 If N406 is present, then N405 is required.
- Semantic Notes:**
- Comments:**
 - 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 - 2 N402 is required only if city name (N401) is in the U.S. or Canada.
- Notes:** EDIFICE Usage: OPTIONAL. Use only when address information cannot be conveyed via an Identification Code on the N1 segment.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency Code list in "States and Outlying Areas of the USA" (Catalog number C52.13.5-1). Available from: Superintendent of Documents, US Government Printing Office.	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
N404	26	Country Code Code identifying the country The ISO Country Codes should be used.	O ID 2/3
Not Used	N405	309 Location Qualifier Code identifying type of location Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/2
Not Used	N406	310 Location Identifier Code which identifies a specific location	O AN 1/30



Segment: PAD Product Adjustment Detail

- Position:** 120
- 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:

Notes:

Required by EDIFICE.

To specify the detail information relating to a product transfer that has accounting adjustments associated with the transfer.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
PAD01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set EDIFICE Usage: Required.	X AN 1/20
		The sender's PAD01 data element in the 844 transaction set should be returned.	
PAD02	521	Product Transfer Type Code Code identifying the type of product transfer EDIFICE Usage: Required.	X ID 2/2
		SD Ship and Debit Sale	
Not Used	PAD03	670 Change or Response Type Code Code specifying the type of change to the line item Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
Not Used	PAD04	648 Price Multiplier Qualifier Code indicating the type of price multiplier Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 3/3
Not Used	PAD05	649 Multiplier Value to be used as a multiplier to obtain a new value	X R 1/10



Segment: **LIN** Item Identification

Position: 130
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.
 2 If either LIN06 or LIN07 is present, then the other is required.
 3 If either LIN08 or LIN09 is present, then the other is required.
 4 If either LIN10 or LIN11 is present, then the other is required.
 5 If either LIN12 or LIN13 is present, then the other is required.
 6 If either LIN14 or LIN15 is present, then the other is required.
 7 If either LIN16 or LIN17 is present, then the other is required.
 8 If either LIN18 or LIN19 is present, then the other is required.
 9 If either LIN20 or LIN21 is present, then the other is required.
 10 If either LIN22 or LIN23 is present, then the other is required.
 11 If either LIN24 or LIN25 is present, then the other is required.
 12 If either LIN26 or LIN27 is present, then the other is required.
 13 If either LIN28 or LIN29 is present, then the other is required.
 14 If either LIN30 or LIN31 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.

Notes: EDIFICE Usage: Required.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	LIN01	350	Assigned Identification	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
Must Use	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)	
			BP	Buyer's Part Number
			MG	Manufacturer's Part Number
			UP	U.P.C. Consumer Package Code (1-5-5-1)
			VP	Vendor's (Seller's) Part Number
Must Use	LIN03	234	Product/Service ID	M AN 1/48
			Identifying number for a product or service	
			EDIFICE USAGE: Advised.	



LIN04	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) See LIN02 for code list.	X	ID 2/2
LIN05	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
LIN06	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) See LIN02 for code list.	X	ID 2/2
LIN07	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
LIN08	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) See LIN02 for code list.	X	ID 2/2
LIN09	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
LIN10	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) See LIN02 for code list.	X	ID 2/2
LIN11	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
LIN12	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) See LIN02 for code list.	X	ID 2/2
LIN13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
LIN14	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) See LIN02 for code list.	X	ID 2/2
LIN15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
LIN16	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) See LIN02 for code list.	X	ID 2/2
LIN17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
LIN18	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) See LIN02 for code list.	X	ID 2/2
LIN19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
LIN20	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2



		See LIN02 for code list.		
LIN21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
LIN22	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
		See LIN02 for code list.		
LIN23	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
LIN24	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
		See LIN02 for code list.		
LIN25	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
LIN26	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
		See LIN02 for code list.		
LIN27	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
LIN28	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
		See LIN02 for code list.		
LIN29	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
LIN30	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
		See LIN02 for code list.		
LIN31	234	Product/Service ID Identifying number for a product or service	X	AN 1/48



Segment: AAA Request Validation

Position: 140
Loop: PAD Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify the validity of the request and indicate follow-up action authorized

Syntax Notes:
Semantic Notes:

1 AAA01 designates whether the request is valid or invalid. Code "Y" indicates that the code is valid; code "N" indicates that the code is invalid.

Comments:
Notes:

1 If AAA02 is used, AAA03 contains a code from an industry code list. At least one occurrence of the AAA segment is required in the header or detail area. The header AAA segment is to be used for valid transactions only. AAA segments for invalid transactions are found in the detail table.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AAA01	1073	Yes/No Condition or Response Code	M ID 1/1
			Code indicating a Yes or No condition or response Y Yes "Yes" indicates that the request is valid.	
Not Used	AAA02	559	Agency Qualifier Code	O ID 2/2
			Code identifying the agency assigning the code values Refer to 004010 Data Element Dictionary for acceptable code values.	
	AAA03	901	Reject Reason Code	O ID 2/2
			Code assigned by issuer to identify reason for rejection Recommended by EDIFICE.	
			01 Price Authorization Invalid	
			02 Price Authorization Expired	
			03 Product not on the price authorization	
			04 Authorized Quantity Exceeded	
			05 Zero Balance	
			06 Special Cost Incorrect	
			07 Catalog Cost Incorrect	
			08 Invalid Ship Location	
			09 No Credit Allowed	
			10 Administrative Cancellation	
			11 Invalid Debit Number	
			12 Duplicate Sequence Number	
			13 Not Valid for Price Protection	
			14 Invalid part number	
			15 Required application data missing	
			16 Unit resale higher than authorized	
			17 Negotiated price was not less than book price	



		18	Ship date must not be after current date	
		19	Ship date cannot be prior to price authorization issue date	
		20	Ship date should not be before price authorization date (for rebills)	
		21	Price authorization is a rebill type	
		23	Price authorization has been deleted	
		24	Price authorization used on a sales order	
		25	Disposition pending vendor review.	
AAA04	889	Follow-up Action Code		O ID 1/1
		Code identifying follow-up actions allowed		
		N	Resubmission Not Allowed	
		R	Resubmission Allowed	



Segment: UIT Unit Detail

Position: 170
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:
Notes: EDIFICE Usage: Required.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	UIT01	C001	Composite Unit of Measure	M
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C00102	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00103	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00104	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C00105	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00106	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00107	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	



Not Used	C00108	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00109	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00110	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	C00111	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00112	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00113	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	C00114	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00115	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
	UIT02	212	Unit Price	X	R 1/17
			Price per unit of product, service, commodity, etc. Required by EDIFICE.		
	UIT03	639	Basis of Unit Price Code	O	ID 2/2
			Code identifying the type of unit price for an item Required by EDIFICE.		
			LE Catalog Price per Each		
			QE Quoted Price per Each		
			RE Retail Price per Each		



Segment: QTY Quantity

Position: 180
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:
Notes: Required by EDIFICE.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	QTY01	673	Quantity Qualifier	M ID 2/2
			Code specifying the type of quantity	
			38 Original Quantity	
			39 Shipped Quantity	
			40 Remaining Quantity	
	QTY02	380	Quantity	X R 1/15
			Numeric value of quantity	
	QTY03	C001	Composite Unit of Measure	O
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C00102	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00103	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00104	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C00105	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00106	649	Multiplier	O R 1/10



Not Used	C00107	355	Value to be used as a multiplier to obtain a new value Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C00108	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00109	649	Multiplier	O R 1/10
			Power to which a unit is raised	
Not Used	C00110	355	Value to be used as a multiplier to obtain a new value Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C00111	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00112	649	Multiplier	O R 1/10
			Power to which a unit is raised	
Not Used	C00113	355	Value to be used as a multiplier to obtain a new value Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C00114	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00115	649	Multiplier	O R 1/10
			Power to which a unit is raised	
Not Used	QTY04	61	Value to be used as a multiplier to obtain a new value Free-Form Message	X AN 1/30
			Free-form information	



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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CTT01	354	Number of Line Items	M N0 1/6
			Total number of line items in the transaction set	
			The number of CON segments in the transaction set.	
Not Used	CTT02	347	Hash Total	O R 1/10
			Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	
Not Used	CTT03	81	Weight	X R 1/10
			Numeric value of weight	
Not Used	CTT04	355	Unit or Basis for Measurement Code	X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	CTT05	183	Volume	X R 1/8
			Value of volumetric measure	
Not Used	CTT06	355	Unit or Basis for Measurement Code	X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code	



Not
Used

CTT07

352

values.

Description

O AN 1/80

A free-form description to clarify the related data elements and their content



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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			The control number is assigned by the sender. It should be sequentially assigned within each functional group to aid in error recovery and research. The control number in the SE segment must be identical to the control number in the ST segment for each transaction.	

849 RESPONSE TO PRODUCT TRANSFER ACCOUNT ADJUSTMENT EXAMPLES

849 Example 1 – Response to Valid Line Items

In the first two examples of the Response to Product Transfer Account Adjustment Transaction, valid and invalid line items are separated into separate transaction sets. Response to invalid line items is shown in example 2.

The AAA segment with AAA01 Validity code equals "V" in the header indicates that all the line items which follow are valid. Every "line item" i.e., PAD segment is the 844 transaction should be found in either the 849 transaction set for response to invalid adjustments or the 849 transaction set for response to valid adjustments.

HEADING AREA:	
ST*849*03456 N/L	The transaction set ID is 849; The transaction set control number is 03456.
BRC*00*920503*DL*DM920502 N/L	This is an original response to a request for credit; debit memo number is DM920502. The debit memo number must come from the BAA05 in the 844 transaction set for batch control purposes. The date is the date this transaction was created. NOTE: A new 849 transaction will be created whenever the BRC04 (Reference number), N1/DS (distributor) or N1/DB (distributor branch) changes.
AAA*V N/L	All the following adjustment items are valid.
NI*DS**92*DSABC N/L	The distributor code is identified by the buyer. The code is DSABC.
NI*DB**92*BR2345 N/L	The distributor branch code is identified by the buyer; the buyer's branch number is BR2345.
DETAIL – 1st Contract	
CON*PR*SD12345*VA N/L	The price quote (authorization) code is SD12345; it must match the code on CON segment from the 844 transaction set; this is a valid open contract.
DETAIL – 1st Line Item for 1st Contract	
PAD*3*SD N/L	The distributor's assigned ID is 3; it must match the number on PAD segment from the 844 transaction. This is a ship and debit sale.
LIN**VP*10-263-772 N/L	The vendor's (seller's) part number is 10-263-772.
UIT*EA*7.4974*LE N/L	The catalog price per each is 7.4974.
UIT*EA*5.9979*QE N/L	The quoted (authorized) price per each is 5.9979.
UIT*EA*8.99*RE N/L	The retail price per each is 8.99.
QTY*30*5*EA N/L	The quantity shipped is 5; basic unit of measurement is each.
REF*DI*114889717 N/L	The distributor's invoice number is 114889717.
DTM*003*920422 N/L	The distributor's invoice date is April 22,1992.
DETAIL – 2nd Line Item for 1st Contract	
PAD*5*SD N/L	The distributor's assigned ID is 5. The assigned ID is from the 844 transaction PAD01 field. This is a ship and debit sale.



LIN**VP*SN74F245N N/L	The vendor's (seller's) part number is SN74F245N.
UIT*EA*.39*LE N/L	The catalog price per each is .39.
UIT*EA*.22*QE N/L	The quoted (authorized) price per each is .22.
UIT*EA*.25*RE N/L	The retail price per each is .25.
QTY*39*100*EA N/L	The quantity shipped is 100; basic unit of measurement is each.
REF*DI*114889717 N/L	The distributor's invoice number is 114889717.
DTM*003*920422 N/L	The distributor's invoice date is April 22, 1992.
DETAIL - 2nd Contract	
CON*PR*SA23456*VA N/L	The price quote (authorization) code is SA23456; it must match the code on CON segment from the 844 transaction set; this is a valid open contract.
DETAIL - 1st Line Item for 2nd Contract	
PAD*2*SD N/L	The distributor's assigned ID is 2; it must match the number on PAD segment from the 844 transaction. This is a ship and debit sale.
LIN**VP*87-263-779 N/L	The vendor's part is 87-263-779.
UIT*EA*17.4974*LE N/L	The catalog price per each is 17.4974.
UIT*EA*15.9979*QE N/L	The quoted (authorized) price per each is 15.9979.
UIT*EA*16.50000*RE N/L	The retail price per each is 16.50000.
QTY*39*15*EA N/L	The quantity shipped is 15; basic unit of measure is each.
REF*DI*114889719 N/L	The distributor's invoice is 114889719.
SUMMARY AREA	
CTT*2 N/L	The number of CON segments for this transaction is 2.
SE*30*03456 N/L	The number of segments for this transaction is 30. The control number is 03456 which must match the control number on the ST segment for this transaction set.



849 Example 2 – Response to Invalid Line Items

In the first two examples of the Response to Product Transfer Account Adjustment Transaction, valid and invalid line items are separated into separate transaction sets. Response to valid line items is shown in example 1.

The AAA segment with AAA01 Validity code equals "I" in the header indicates that all the line items which follow are invalid. Every "line item" i.e., PAD segment is the 844 transaction should be found in either the 849 transaction set for response to invalid adjustments or the 849 transaction set for response to valid adjustments.

HEADING AREA:	
ST*849*03457 N/L	The transaction set ID is 849; The transaction set control number is 03457.
BRC*00*920503*DL*DM920502 N/L	This is an original response to a request for credit; debit memo number is DM920502. The debit memo number must come from the BAA05 in the 844 transaction set for batch control purposes. The date is the date this transaction was created. NOTE: A new 849 transaction will be created whenever the BRC04 (Reference number), N1 /DS (distributor) or N1 /DB (distributor branch) changes.
AAA*I N/L	All the following adjustment items are invalid.
NI*DS**92*DSABC N/L	The distributor code is identified by the buyer. The code is DSABC.
NI*DB**92*BR2345 N/L	The distributor branch code is identified by the buyer; the buyer's branch number is BR2345.
DETAIL – 1st Contract	
CON*PR*SD12345*VA N/L	The price quote (authorization) code is SD12345; it must match the code on CON segment from the 844 transaction set; this is a valid open contract.
DETAIL – 1st Line Item for 1st Contract	
PAD*1*SD N/L	The distributor's assigned ID is 1; it must match the number on PAD segment from the 844 transaction. This is a ship and debit sale.
LIN**VP*10-236-772 N/L	The vendor's (seller's) part number is 10-236-772.
AAA*1*06 N/L	The detail request was invalid because the special cost was incorrect. This request may be resubmitted with corrections.
UIT*EA*8.5974*LE N/L	The catalog price per each is 8.5974.
UIT*EA*7.7979*QE N/L	The quoted (authorized) price per each is 7.7979.
UIT*EA*8.15*RE N/L	The retail price per each is 8.15.
QTY*30*100*EA N/L	The quantity shipped is 100; basic unit of measurement is each.
REF*DI*114889716 N/L	The distributor's invoice number is 114889716.
DETAIL – 2nd Contract	
CON*PR*SA23456*VA N/L	The price quote (authorization) code is SA23456; it must match the code on CON segment from the 844 transaction set; this is a valid open contract.
DETAIL – 1st Line Item for 2nd Contract	
PAD*4*SD N/L	The distributor's assigned ID is 4; it must match the number on PAD segment from the 844 transaction. This is a ship and



	debit sale.
LIN**VP*87-226-779 N/L	The vendor's part is 87-226-779.
UIT*EA*21.4974*LE N/L	The catalog price per each is 21.4974.
UIT*EA*19.9979*QE N/L	The quoted (authorized) price per each is 19.9979.
UIT*EA*20.5000*RE N/L	The retail price per each is 20.5000.
QTY*39*10*EA N/L	The quantity shipped is 10; basic unit of measure is each.
REF*DI*114889722 N/L	The distributor's invoice is 114889722.
SUMMARY AREA	
CTT*2 N/L	The number of CON segments for this transaction is 2.
SE*31*03457 N/L	The number of segments for this transaction is 31. The control number is 03457 which must match the control number on the ST segment for this transaction set.



849 Example 3 –Response to Valid and Invalid Line Items Combined

This is an example of Response to Product Transfer Account Adjustment. Credit is both issued and denied for line items from one 844 transaction in one 849 transaction set. The AAA segment in the PAD loop indicated valid or invalid line item.

It is not necessary to send an AAA segment in the Table 1 (Header Table), nor the AAA following the CON segment since each line item AAA segment indicates the validity of the line item.

HEADING AREA:	
ST*849*03457 N/L	The transaction set ID is 849; The transaction set control number is 03457.
BRC*00*920503*DL*DM920502 N/L	This is an original response to a request for credit; debit memo number is DM920502. The debit memo number must come from the BAA05 in the 844 transaction set for batch control purposes. The date is the date this transaction was created. NOTE: A new 849 transaction will be created whenever the BRC04 (Reference number), N1 /DS (distributor) or N1 /DB (distributor branch) changes.
NI*DS**92*DSABC N/L	The distributor code is identified by the buyer. The code is DSABC.
NI*DB**92*BR2345 N/L	The distributor branch code is identified by the buyer; the buyer's branch number is BR2345.
DETAIL – 1st Contract	
CON*PR*SD12345*VA N/L	The price quote (authorization) code is SD12345; it must match the code on CON segment from the 844 transaction set; this is a valid open contract.
DETAIL – 1st Line Item for 1st Contract	
PAD*1*SD N/L	The distributor's assigned ID is 1; it must match the number on PAD segment from the 844 transaction. This is a ship and debit sale.
LIN**VP*10-236-772 N/L	The vendor's (seller's) part number is 10-236-772.
AAA*1*06 N/L	The detail request was invalid because the special cost was incorrect (this request may be resubmitted with corrections).
UIT*EA*8.5974*LE N/L	The catalog price per each is 8.5974.
UIT*EA*7.7979*QE N/L	The quoted (authorized) price per each is 7.7979.
UIT*EA*8.15*RE N/L	The retail price per each is 8.15.
QTY*30*100*EA N/L	The quantity shipped is 100; basic unit of measurement is each.
REF*DI*114889716 N/L	The distributor's invoice number is 114889716.
DETAIL – 2nd Line Item for 1st Contract	
PAD*3*SD N/L	The distributor's assigned ID is 3; it must match the number on PAD segment from the 844 transaction. This is a ship and debit sale.
LIN**VP*10-263-772 N/L	The vendor's (seller's) part number is 10-263-772.
AAA*V N/L	The detail request was valid.
UIT*EA*7.4974*LE N/L	The catalog price per each is 7.4974.
UIT*EA*5.9979*QE N/L	The quoted (authorized) price per each is 5.9979.



UIT*EA*6.10*RE N/L	The retail price per each is 6.10.
QTY*30*5*EA N/L	The quantity shipped is 5; basic unit of measurement is each.
REF*DI*114889717 N/L	The distributor's invoice number is 114889717.
DETAIL - 3rd Line Item for 1st Contract	
PAD*5*SD N/L	The distributor's assigned ID is 5. The assigned ID is from the 844 transaction PAD01 field. This is a ship and debit sale.
LIN**VP*SN74F245N N/L	The vendor's (seller's) part number is SN74F245N.
AAA*V N/L	The detail request was valid.
UIT*EA*.39*LE N/L	The catalog price per each is .39.
UIT*EA*.22*QE N/L	The quoted (authorized) price per each is .22.
UIT*EA*.25*RE N/L	The retail price per each is .25.
QTY*39*100*EA N/L	The quantity shipped is 100; basic unit of measurement is each.
REF*DI*114889717 N/L	The distributor's invoice number is 114889717.
DTM*003*920422 N/L	The distributor's invoice date is April 22, 1992.
DETAIL - 2nd Contract	
CON*PR*SA23456*VA N/L	The price quote (authorization) code is SA23456; it must match the code on CON segment from the 844 transaction set; this is a valid open contract.
DETAIL - 1st Line Item for 2nd Contract	
PAD*2*SD N/L	The distributor's assigned ID is 2; it must match the number on PAD segment from the 844 transaction. This is a ship and debit sale.
LIN**VP*87-263-779 N/L	The vendor's part is 87-263-779.
UIT*EA*17.4974*LE N/L	The catalog price per each is 17.4974.
UIT*EA*15.9979*QE N/L	The quoted (authorized) price per each is 15.9979.
UIT*EA*16.50000*RE N/L	The retail price per each is 16.50000.
QTY*39*15*EA N/L	The quantity shipped is 15; basic unit of measure is each.
REF*DI*114889719 N/L	The distributor's invoice is 114889719.
DETAIL - 2nd Line Item for 2nd Contract	
PAD*4*SD N/L	The distributor's assigned ID is 4; it must match the number on PAD segment from the 844 transaction. This is a ship and debit sale.
LIN**VP*87-226-779 N/L	The vendor's part is 87-226-779.
AAA*1*06 N/L	The detail request was invalid because the special cost was incorrect. This request may be resubmitted with corrections.
UIT*EA*21.4974*LE N/L	The catalog price per each is 21.4974.
UIT*EA*19.9979*QE N/L	The quoted (authorized) price per each is 19.9979.
UIT*EA*20.50000*RE N/L	The retail price per each is 20.50000.
QTY*39*10*EA N/L	The quantity shipped is 10; basic unit of measure is each.
REF*DI*114889722 N/L	The distributor's invoice is 114889722.
SUMMARY AREA	
CTT*2 N/L	The number of CON segments for this transaction is 2.
SE*48*03457 N/L	The number of segments for this transaction is 48. The control number is 03457 which must match the control number on the ST segment for this transaction set.



SUMMARY AREA	
CTT*1 N/L	The number of CON segments for this transaction is 1.
SE*24*2771 N/L	The number of segments for this transaction is 24. The control number is 2771 which must match the control number on the ST segment for this transaction set.