Vendor 867 Product Transfer and Resale Report

Version: 4010 1.0 Final

Publication:	**12/1/2004**
Modified:	**9/2/2015**

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867

Product Transfer and Resale Report

Functional Group=PT

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Product Transfer and Resale Report Transaction Set (867) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to: (1) report information about product that has been transferred from one location to another; (2) report sales of product from one or more locations to an end customer; or (3) report sales of a product from one or more locations to an end customer, and demand beyond actual sales (lost orders). Report may be issued by either buyer or seller.

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes
010	ST	Transaction Set Header	M	1		
020	BPT	Beginning Segment for Product Transfer and Resale	M	1		
040	CUR	Currency	O	1		
LOOP ID - N1					**5**	
080	N1	Name	O	1		
100	N3	Address Information	O	2		
110	N4	Geographic Location	O	1		
LOOP ID - PER					**>1**	
130	PER	Administrative Communications Contact	O	1		

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes
LOOP ID - PTD					**>1**	
010	PTD	Product Transfer and Resale Detail	M	1		
030	REF	Reference Identification	O	20		
035	PRF	Purchase Order Reference	O	1		
LOOP ID - N1					**5**	
050	N1	Name	O	1		
070	N3	Address Information	O	2		
080	N4	Geographic Location	O	1		
090	REF	Reference Identification	O	20		
100	PER	Administrative Communications Contact	O	3		
LOOP ID - QTY					**>1**	
110	QTY	Quantity	O	1		
120	LIN	Item Identification	O	1		
130	UIT	Unit Detail	O	12		
141	ITA	Allowance, Charge or Service	O	10		
150	PID	Product/Item Description	O	200		
190	REF	Reference Identification	O	>1		
210	DTM	Date/Time Reference	O	10		

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes
LOOP ID - CTT					**1**	**N3/010L**
010	CTT	Transaction Totals	O	1		N3/010
030	SE	Transaction Set Trailer	M	1		

Notes:

3/010L   The number of line items (CTT01) is the accumulation of the number of LIN segments. If used, hash total (CTT02) is the sum of the value of quantities (QTY02) for each QTY segment.

3/010   The number of line items (CTT01) is the accumulation of the number of LIN segments. If used, hash total (CTT02) is the sum of the value of quantities (QTY02) for each QTY segment.

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ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use	1

Description: Code uniquely identifying a Transaction Set

CodeList Summary (Total Codes: 298, Included: 1)

Code	Name
867	Product Transfer and Resale Report

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use	1

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

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BPT	**Beginning Segment for Product Transfer and Resale**	**Pos: 020**	**Max: 1**
		Heading - Mandatory	
		Loop: N/A	**Elements: 4**

Purpose: To indicate the beginning of the Product Transfer and Resale Report Transaction Set and transmit identifying data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BPT01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use	1

Description: Code identifying purpose of transaction set

CodeList Summary (Total Codes: 65, Included: 2)

Code	Name
00	Original

Description: *This is the first transaction set for the current period.*

Code	Name
05	Replace

Description: *This transaction set replaces the preceding specified transaction.   The recipient is expected to back out the previous transaction set and replace it with this transaction set. Where the Product Transfer & Resale Report covers more than one replacement for an end user or reporting location, the replacement transaction purpose should cover only those locations where the replacement data is applicable.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BPT02	127	**Reference Identification**	O	AN	1/30	Used	1

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Tech Data: *Sender Reference Number*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BPT03	373	**Date**	M	DT	8/8	Must use	1

Description: Date expressed as CCYYMMDD

Tech Data: *Reporting Period Ending Date:*
If the report is received daily, the date will be the preceding day.
If the report is received weekly, the file is generated on a Saturday for the preceeding week.
No files will be generated on a Monday.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BPT04	755	**Report Type Code**	O	ID	2/2	Used	1

Description: Code indicating the title or contents of a document, report or supporting item
Tech Data: *Used for Sell-Thru data*

CodeList Summary (Total Codes: 522, Included: 1)

Code	Name
02	Resale

Syntax Rules:

1. P0506 - If either BPT05 or BPT06   is present, then the other is required.

Semantics:

1. BPT02 identifies the transfer/resale number.
2. BPT03 identifies the transfer/resale date.
3. BPT08 identifies the transfer/resale time.
4. BPT09 is used when it is necessary to reference a Previous Report Number.

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CUR   Currency

Pos: 040	**Max: 1**
Heading - Optional	
Loop: N/A	**Elements: 2**

Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CUR01	98	**Entity Identifier Code**	M	ID	2/3	Must use	1

Description: Code identifying an organizational entity, a physical location, property or an individual

CodeList Summary (Total Codes: 1312, Included: 1)

Code	Name
DS	Distributor

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CUR02	100	**Currency Code**	M	ID	3/3	Must use	1

Description: Code (Standard ISO) for country in whose currency the charges are specified
Tech Data: *USD - US Dollars*
CAD - Canadian Dollars

Syntax Rules:

1. C0807 - If CUR08 is present, then CUR07 is required.
2. C0907 - If CUR09 is present, then CUR07 is required.
3. L101112 - If CUR10 is present, then at least one of CUR11 or CUR12 is required.
4. C1110 - If CUR11 is present, then CUR10 is required.
5. C1210 - If CUR12 is present, then CUR10 is required.
6. L131415 - If CUR13 is present, then at least one of CUR14 or CUR15 is required.
7. C1413 - If CUR14 is present, then CUR13 is required.
8. C1513 - If CUR15 is present, then CUR13 is required.
9. L161718 - If CUR16 is present, then at least one of CUR17 or CUR18 is required.
10. C1716 - If CUR17 is present, then CUR16 is required.
11. C1816 - If CUR18 is present, then CUR16 is required.
12. L192021 - If CUR19 is present, then at least one of CUR20 or CUR21 is required.
13. C2019 - If CUR20 is present, then CUR19 is required.
14. C2119 - If CUR21 is present, then CUR19 is required.

Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

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N1 Name

Pos: 080	**Max: 1**
Heading - Optional	
Loop: N1	**Elements: 4**

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use	1

Description: Code identifying an organizational entity, a physical location, property or an individual

CodeList Summary (Total Codes: 1312, Included: 1)

Code	Name
DS	Distributor

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N102	93	**Name**	C	AN	1/60	Used	1

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N103	66	**Identification Code Qualifier**	C	ID	1/2	Used	1

Description: Code designating the system/method of code structure used for Identification Code (67)

CodeList Summary (Total Codes: 215, Included: 1)

Code	Name
9	D-U-N-S+4,D-U-N-S Number with Four Character Suffix

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N104	67	**Identification Code**	C	AN	2/80	Used	1

Description: Code identifying a party or other code
Tech Data: *DUNS + CorpCode + Tech Data warehouse code*

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104   is present, then the other is required.

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.

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N3   Address Information

Pos: 100	**Max: 2**
Heading - Optional	
Loop: N1	**Elements: 2**

Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N301	166	**Address Information**	M	AN	1/55	Must use	1
		Description: Address information					
N302	166	**Address Information**	O	AN	1/55	Used	1
		Description: Address information					

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N4   **Geographic Location**

Pos: 110	**Max: 1**
Heading - Optional	
Loop: N1	**Elements: 6**

Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N401	19	**City Name**	O	AN	2/30	Used	1

Description: Free-form text for city name

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N402	156	**State or Province Code**	O	ID	2/2	Used	1

Description: Code (Standard State/Province) as defined by appropriate government agency

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N403	116	**Postal Code**	O	ID	3/15	Used	1

Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N404	26	**Country Code**	O	ID	2/3	Used	1

Description: Code identifying the country

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N405	309	**Location Qualifier**	C	ID	1/2	Used	1

Description: Code identifying type of location

CodeList Summary (Total Codes: 172, Included: 1)

Code	Name
WH	Warehouse

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N406	310	**Location Identifier**	O	AN	1/30	Used	1

Description: Code which identifies a specific location
Tech Data: *Four characters = Tech Data Corp Code(2 char) + Tech Data Warehouse(2 char)*

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

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.

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PER   Administrative Communications Contact

Pos: 130	**Max: 1**
Heading - Optional	
Loop: PER	**Elements: 4**

Purpose: To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PER01	366	**Contact Function Code**	M	ID	2/2	Must use	1

Description: Code identifying the major duty or responsibility of the person or group named

CodeList Summary (Total Codes: 230, Included: 1)

Code	Name
IC	Information Contact

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PER02	93	**Name**	O	AN	1/60	Used	1

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PER03	365	**Communication Number Qualifier**	C	ID	2/2	Used	1

Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 40, Included: 1)

Code	Name
TE	Telephone

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PER04	364	**Communication Number**	C	AN	1/80	Used	1

Description: Complete communications number including country or area code when applicable

Syntax Rules:

1. P0304 - If either PER03 or PER04   is present, then the other is required.
2. P0506 - If either PER05 or PER06   is present, then the other is required.
3. P0708 - If either PER07 or PER08   is present, then the other is required.

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PTD   Product Transfer and Resale Detail

Pos: 010	**Max: 1**
Detail - Mandatory	
Loop: PTD	**Elements: 1**

Purpose: To indicate the start of detail information relating to the transfer/resale of a product and provide identifying data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PTD01	521	**Product Transfer Type Code**	M	ID	2/2	Must use	1

       Description: Code identifying the type of product transfer

       CodeList Summary (Total Codes: 54, Included: 2)

Code	Name
BN	Return
SD	Ship and Debit Sale

Syntax Rules:

1. P0203 - If either PTD02 or PTD03   is present, then the other is required.
2. P0405 - If either PTD04 or PTD05   is present, then the other is required.

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REF   Reference Identification

Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use	1

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 3)

Code	Name
9V	Payment Category

Tech Data:
Invoice payment terms

Code	Name
CS	Condition of Sale Document Number

Tech Data:
Material document number from Goods Issue. This will be used as a reference to bill Tech Data instead of a Tech Data PO number.

Code	Name
SL	Sales/Territory Code

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF02	127	**Reference Identification**	C	AN	1/30	Used	1

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF03	352	**Description**	C	AN	1/80	Used	1

Description: A free-form description to clarify the related data elements and their content
Tech Data: *If REF01 = 9V this is the definition of the code in REF02.*

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

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

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	Pos: 035	**Max: 1**
PRF **Purchase Order Reference**	**Detail - Optional**	
	Loop: PTD	**Elements: 2**

Purpose: To provide reference to a specific purchase order

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PRF01	324	**Purchase Order Number**	M	AN	1/22	Must use	1
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser **Tech Data:** *Reseller's Purchase Order Number*					
PRF04	373	**Date**	O	DT	8/8	Used	1
		Description: Date expressed as CCYYMMDD **Tech Data:** *Reseller's Purchase Order date.*					

Semantics:

1. PRF04 is the date assigned by the purchaser to purchase order.

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N1   Name

Pos: 050   Max: 1
Detail - Optional
Loop: N1   Elements: 4

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use	1

Description: Code identifying an organizational entity, a physical location, property or an individual

CodeList Summary (Total Codes: 1312, Included: 4)

Code	Name
BT	Bill-to-Party
BY	Buying Party (Purchaser)
EN	End User
ST	Ship To

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N102	93	**Name**	C	AN	1/60	Used	1

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N103	66	**Identification Code Qualifier**	C	ID	1/2	Used	1

Description: Code designating the system/method of code structure used for Identification Code (67)

CodeList Summary (Total Codes: 215, Included: 1)

Code	Name
91	Assigned by Seller or Seller's Agent

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N104	67	**Identification Code**	C	AN	2/80	Used	1

Description: Code identifying a party or other code

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

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.

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N3   Address Information

<table>
<tr><td>Pos: 070</td><td>Max: 2</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: N1</td><td>Elements: 2</td></tr>
</table>

Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N301	166	**Address Information**	M	AN	1/55	Must use	1
		Description: Address information					
N302	166	**Address Information**	O	AN	1/55	Used	1
		Description: Address information					

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N4   Geographic Location

<table>
<tr><td>Pos: 080</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: N1</td><td>Elements: 4</td></tr>
</table>

Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N401	19	**City Name**	O	AN	2/30	Used	1
		Description: Free-form text for city name					
N402	156	**State or Province Code**	O	ID	2/2	Used	1
		Description: Code (Standard State/Province) as defined by appropriate government agency					
N403	116	**Postal Code**	O	ID	3/15	Used	1
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)					
N404	26	**Country Code**	O	ID	2/3	Used	1
		Description: Code identifying the country					

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

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.

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REF   Reference Identification

Pos: 090	**Max: 20**
Detail - Optional	
Loop: N1	**Elements: 2**

Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use	1

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 1)

Code	Name
AY	Floor Plan Approval Number

Tech Data:

If the N101 entity code = BT and the Name is a floor planner the indicater will be 36.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF02	127	**Reference Identification**	C	AN	1/30	Used	1

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

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

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PER   Administrative Communications Contact

Pos: 100	**Max: 3**
Detail - Optional	
Loop: N1	**Elements: 6**

Purpose: To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PER01	366	**Contact Function Code**	M	ID	2/2	Must use	1

Description: Code identifying the major duty or responsibility of the person or group named

CodeList Summary (Total Codes: 230, Included: 1)

Code	Name
IC	Information Contact

Tech Data:
When the N1 Entity code = EN, contact information is provided.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PER02	93	**Name**	O	AN	1/60	Used	1

Description: Free-form name

PER03	365	**Communication Number Qualifier**	C	ID	2/2	Used	1

Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 40, Included: 1)

Code	Name
TE	Telephone

PER04	364	**Communication Number**	C	AN	1/80	Used	1

Description: Complete communications number including country or area code when applicable

PER05	365	**Communication Number Qualifier**	C	ID	2/2	Used	1

Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 39, Included: 1)

Code	Name
EM	Electronic Mail

PER06	364	**Communication Number**	C	AN	1/80	Used	1

Description: Complete communications number including country or area code when applicable

Syntax Rules:

1. P0304 - If either PER03 or PER04   is present, then the other is required.
2. P0506 - If either PER05 or PER06   is present, then the other is required.
3. P0708 - If either PER07 or PER08   is present, then the other is required.

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QTY   Quantity

Pos: 110	Max: 1
Detail - Optional	
Loop: QTY	**Elements: 2**

Purpose: To specify quantity information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
QTY01	673	**Quantity Qualifier**	M	ID	2/2	Must use	1

Description: Code specifying the type of quantity

CodeList Summary (Total Codes: 832, Included: 2)

Code	Name
39	Shipped Quantity
76	Returns

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
QTY02	380	**Quantity**	C	R	1/15	Used	1

Description: Numeric value of quantity

Syntax Rules:

1. R0204 - At least one of QTY02 or QTY04 is required.
2. E0204 - Only one of QTY02 or QTY04 may be present.

Semantics:

1. QTY04 is used when the quantity is non-numeric.

LIN **Item Identification**

		Pos: 120	Max: 1
		Detail - Optional	
		Loop: QTY	Elements: 8

Purpose: To specify basic item identification data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN02	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use	1

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 477, Included: 1)

Code	Name
VP	Vendor's (Seller's) Part Number

Tech Data:
Tech Data Material number

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN03	234	**Product/Service ID**	M	AN	1/48	Must use	1

Description: Identifying number for a product or service

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN04	235	**Product/Service ID Qualifier**	C	ID	2/2	Used	1

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 477, Included: 1)

Code	Name
MG	Manufacturer's Part Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN05	234	**Product/Service ID**	C	AN	1/48	Used	1

Description: Identifying number for a product or service

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN06	235	**Product/Service ID Qualifier**	C	ID	2/2	Used	1

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 477, Included: 1)

Code	Name
UP	U.P.C. Consumer Package Code (1-5-5-1)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN07	234	**Product/Service ID**	C	AN	1/48	Used	1

Description: Identifying number for a product or service

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN08	235	**Product/Service ID Qualifier**	C	ID	2/2	Used	1

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 477, Included: 1)

Code	Name
RA	Return Code

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN09	234	**Product/Service ID**	C	AN	1/48	Used	1

Description: Identifying number for a product or service

Tech Data: *The first 3 characters are the return reason code + description.*

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.

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8. P1819 - If either LIN18 or LIN19   is present, then the other is required.
9. P2021 - If either LIN20 or LIN21   is present, then the other is required.
10. P2223 - If either LIN22 or LIN23   is present, then the other is required.
11. P2425 - If either LIN24 or LIN25   is present, then the other is required.
12. P2627 - If either LIN26 or LIN27   is present, then the other is required.
13. P2829 - If either LIN28 or LIN29   is present, then the other is required.
14. P3031 - If either LIN30 or LIN31   is present, then the other is required.

Semantics:

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.

UIT   Unit Detail

Purpose: To specify item unit data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
UIT01	C001	**Composite Unit of Measure**	M	Comp		Must use	1

Description: To identify a composite unit of measure(See Figures Appendix for examples of use)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
UIT01-01	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use	1

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

CodeList Summary (Total Codes: 794, Included: 1)

Code	Name
EA	Each

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
UIT02	212	**Unit Price**	C	R	1/17	Used	1

Description: Price per unit of product, service, commodity, etc.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
UIT03	639	**Basis of Unit Price Code**	O	ID	2/2	Used	1

Description: Code identifying the type of unit price for an item

CodeList Summary (Total Codes: 91, Included: 4)

Code	Name
CA	Catalog

Tech Data:
This is the current purchase price for the vendor's product.

Code	Name
CP	Current Price (Subject to Change)

Tech Data:
This is the price at which Tech Data will purchase the item from its vendor.

Code	Name
QT	Quoted

Tech Data:
This is the vendor purchase cost minus allowances.

Code	Name
RE	Retail Price per Each

Tech Data:
This is the selling price of the item.   Authorization must be received by a Vice President of Product Marketing before this can be populated.

Syntax Rules:

1. C0302 - If UIT03 is present, then UIT02 is required.

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ITA Allowance, Charge or Service

Pos: 141	**Max: 10**
Detail - Optional	
Loop: QTY	**Elements: 6**

Purpose: To specify allowances, charges, or services

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ITA01	248	**Allowance or Charge Indicator**	M	ID	1/1	Must use	1

Description: Code which indicates an allowance or charge for the service specified

CodeList Summary (Total Codes: 7, Included: 2)

Code	Name
C	Charge
P	Promotion

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ITA04	331	**Allowance or Charge Method of Handling Code**	M	ID	2/2	Must use	1

Description: Code indicating method of handling for an allowance or charge

CodeList Summary (Total Codes: 22, Included: 2)

Code	Name
06	Charge to be Paid by Customer
09	Allowance To Be Issued by Vendor

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ITA07	360	**Allowance or Charge Total Amount**	O	N2	1/15	Used	1

Description: Total dollar amount for the allowance or charge
Tech Data: *Promotional allowance per unit*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ITA10	380	**Quantity**	C	R	1/15	Used	1

Description: Numeric value of quantity

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ITA11	355	**Unit or Basis for Measurement Code**	C	ID	2/2	Used	1

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

CodeList Summary (Total Codes: 794, Included: 1)

Code	Name
1N	Count

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ITA13	352	**Description**	C	AN	1/80	Used	1

Description: A free-form description to clarify the related data elements and their content
Tech Data: *Vendor Debit Number or authorization number used by Tech Data for the promotion*

Syntax Rules:

1. L02031314 - If ITA02 is present, then at least one of ITA03, ITA13 or ITA14 is required.
2. C0809 - If ITA08 is present, then ITA09 is required.
3. P1011 - If either ITA10 or ITA11   is present, then the other is required.
4. C1502 - If ITA15 is present, then ITA02 is required.
5. C1712 - If ITA17 is present, then ITA12 is required.

Semantics:

1. ITA09 is the allowance or charge percent.
2. ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
3. ITA12 is the quantity of free goods.

Comments:

1. If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present.

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2. ITA02 identifies the source of the code value in ITA03 or ITA15.

3. If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence.

4. ITA13 is used to clarify the allowance, charge, or service.

5. ITA15 specifies the individual code list of the agency specified in ITA02.

6. ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.

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PID Product/Item Description

Purpose: To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PID01	349	**Item Description Type**	M	ID	1/1	Must use	1

Description: Code indicating the format of a description

CodeList Summary (Total Codes: 3, Included: 1)

Code	Name
F	Free-form

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PID05	352	**Description**	C	AN	1/80	Used	1

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

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

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REF Reference Identification

Pos: 190	**Max: >1**
Detail - Optional	
Loop: QTY	**Elements: 3**

Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use	1

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 7)

Code	Name
CM	Buyer's Credit Memo

> **Tech Data:**
> *This represents the vendor's debit number used by Tech Data for a promotion.*

Code	Name
DC	Dealer purchase order number

> **Tech Data:**
> *The Tech Data order placed to the vendor.*

Code	Name
IV	Seller's Invoice Number

> **Tech Data:**
> *This value represents the invoice number, credit memo number, or debit memo number.*

Code	Name
OI	Original Invoice Number

> **Tech Data:**
> *The Original Invoice Number associated with a rebill, credit memo, or debit memo.*

Code	Name
PO	Purchase Order Number

> **Tech Data:**
> *Reseller's Purchase Order Number*

Code	Name
SE	Serial Number
SO	Sales Order

Description: *Tech Data Sales Order number.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF02	127	**Reference Identification**	C	AN	1/30	Used	1

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF04	C040	**Reference Identifier**	O	Comp		Used	1

Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF04-01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use	1

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 1)

Code	Name
BV	Purchase Order Line Item Identifier (Buyer)

> **Tech Data:**
> *If the REF01 = DC, Line number for the Tech Data order placed to the vendor.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF04-02	127	**Reference Identification**	M	AN	1/30	Must use	1

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

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

DTM   Date/Time Reference

Pos: 210	**Max: 10**
Detail - Optional	
Loop: QTY	**Elements: 2**

Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use	1

Description: Code specifying type of date or time, or both date and time

CodeList Summary (Total Codes: 1112, Included: 4)

Code	Name
003	Invoice

Tech Data:
This represents the actual date of the invoice. This date could be different depending on what time of day an individual invoice was produced.

Code	Name
004	Purchase Order

 Description: *Resellers Purchase Order Date.*

Code	Name
007	Effective

Tech Data:
This is the effective pricing date.

Code	Name
011	Shipped

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
DTM02	373	**Date**	C	DT	8/8	Used	1

Description: Date expressed as CCYYMMDD

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06   is present, then the other is required.

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CTT Transaction Totals

Pos: 010   **Max: 1**
Summary - Optional
Loop: CTT   **Elements: 2**

Purpose: To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CTT01	354	**Number of Line Items**	M	N0	1/6	Must use	1

    Description: Total number of line items in the transaction set

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CTT02	347	**Hash Total**	O	R	1/10	Used	1

    Description: 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 beinghashed.---------1855 Hash total prior to truncation.855 Hash total after truncation tothree-digit field.

    Tech Data: *QTY02, quantity shipped, is used for hash total*

Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

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SE **Transaction Set Trailer**

Pos: 030	**Max: 1**
Summary - Mandatory	
Loop: N/A	**Elements: 2**

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)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use	1

Description: Total number of segments included in a transaction set including ST and SE segments

SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use	1

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Comments:

1. SE is the last segment of each transaction set.