

820 Payment Order/Remittance Advice

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820 Payment Order/Remittance Advice

Functional Group=RA

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Payment Order/Remittance Advice Transaction Set (820) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to make a payment, send a remittance advice, or make a payment and send a remittance advice. This transaction set can be an order to a financial institution to make a payment to a payee. It can also be a remittance advice identifying the detail needed to perform cash application to the payee's accounts receivable system. The remittance advice can go directly from payer to payee, through a financial institution, or through a third party agent.

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Required
020	BPR	Beginning Segment for Payment Order/Remittance Advice	M	1			Required
035	TRN	Trace	O	1		C1/035	Used
040	CUR	Currency	O	1		C1/040	Used
050	REF	Reference Identification	O	>1			Used
060	DTM	Date/Time Reference	O	>1			Used
LOOP ID - N1					>1	C1/070L	
070	N1	Name	O	1		C1/070	Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - ENT					>1	CN2/010L	
010	ENT	Entity	O	1		CN2/010	Used
LOOP ID - N1					>1	C2/020L	
020	N1	Name	O	1		C2/020	Used
LOOP ID - ADX					>1	C2/080L	
080	ADX	Adjustment	O	1		C2/080	Used
LOOP ID - REF					>1		
110	REF	Reference Identification	O	1			Used
120	DTM	Date/Time Reference	O	>1			Required
LOOP ID - IT1					>1	C2/130L	
130	IT1	Baseline Item Data (Invoice)	O	1		C2/130	Used
LOOP ID - RMR					>1	C2/150L	
150	RMR	Remittance Advice Accounts Receivable Open Item Reference	O	1		C2/150	Used
170	REF	Reference Identification	O	>1			Used
180	DTM	Date/Time Reference	O	>1			Used
LOOP ID - IT1					>1	C2/190L	
190	IT1	Baseline Item Data (Invoice)	O	1		C2/190	Used

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - ADX					>1	C2/210L	
210	ADX	Adjustment	O	1		C2/210	Used
220	NTE	Note/Special Instruction	O	>1			Used
LOOP ID - IT1					>1	C2/260L	
260	IT1	Baseline Item Data (Invoice)	O	1		C2/260	Used

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	SE	Transaction Set Trailer	M	1			Required

Notes:

- 2/010L The ENT loop is for vendor or consumer third party consolidated payments.
2/010 The ENT loop is for vendor or consumer third party consolidated payments.

Comments:

- 1/035 The TRN segment is used to uniquely identify a payment order/remittance advice.
1/040 The CUR segment does not initiate a foreign exchange transaction.
1/070L The N1 loop allows for name/address information for the payer and payee which would be utilized to address remittance(s) for delivery.
1/070 The N1 loop allows for name/address information for the payer and payee which would be utilized to address remittance(s) for delivery.
2/010L ENT09 may contain the payee's accounts receivable customer number.
2/010 ENT09 may contain the payee's accounts receivable customer number.
2/020L Allowing the N1 segment to repeat in this area allows the paying entity within a payer and the paid entity within a payee to be identified (not the payer and payee).
2/020 Allowing the N1 segment to repeat in this area allows the paying entity within a payer and the paid entity within a payee to be identified (not the payer and payee).
2/080L This ADX loop contains adjustment items which are not netted to an RMR segment in this transaction set.
2/080 This ADX loop contains adjustment items which are not netted to an RMR segment in this transaction set.
2/130L Loop IT1 within the ADX loop is the adjustment line item detail loop.
2/130 Loop IT1 within the ADX loop is the adjustment line item detail loop.
2/150L Loop RMR is for open items being referenced or for payment on account.
2/150 Loop RMR is for open items being referenced or for payment on account.
2/190L Loop IT1 within the RMR loop is the remittance line item detail loop.
2/190 Loop IT1 within the RMR loop is the remittance line item detail loop.
2/210L This ADX loop can only contain adjustment information for the immediately preceding RMR segment and affects the amount (RMR04) calculation. If this adjustment amount is not netted to the immediately preceding RMR, use the outer ADX loop (position 080).
2/210 This ADX loop can only contain adjustment information for the immediately preceding RMR segment and affects the amount (RMR04) calculation. If this adjustment amount is not netted to the immediately preceding RMR, use the outer ADX loop (position 080).
2/260L Loop IT1 within the ADX loop is the adjustment line item detail loop.
2/260 Loop IT1 within the ADX loop is the adjustment line item detail loop.

ST Transaction Set Header

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

User Option (Usage): Required

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Required

Description: Code uniquely identifying a Transaction Set

Code Name

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ST02	329	Transaction Set Control Number	M	AN	4/9	Required
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Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

User: The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.

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).

BPR Beginning Segment for Payment Order/Remittance Advice

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 21

User Option (Usage): Required

Purpose: To indicate the beginning of a Payment Order/Remittance Advice Transaction Set and total payment amount, or to enable related transfer of funds and/or information from payer to payee to occur

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BPR01	305	Transaction Handling Code	M	ID	1/2	Required

Description: Code designating the action to be taken by all parties

User: Refers to the sender's action only.

Code Name

C	Payment Accompanies Remittance Advice
D	Make Payment Only
I	Remittance Information Only
P	Prenotification of Future Transfers

BPR02	782	Monetary Amount	M	R	1/18	Required
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Description: Monetary amount

User: Total payment amount cannot exceed eleven characters (including the

decimal) when converted to a NACHA format, e.g., 99999999.99

BPR03	478	Credit/Debit Flag Code	M	ID	1/1	Required
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Description: Code indicating whether amount is a credit or debit

User: Code indicating whether unit price difference or amount of adjustment is a credit or debit amount.

Code C indicates a credit to the receiver and debit to the originator, and Code D indicates a debit to the receiver and a credit to the originator.

All valid standard codes are used.

BPR04	591	Payment Method Code	M	ID	3/3	Required
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Description: Code identifying the method for the movement of payment instructions

User: Code used to designate the actual

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<i>funds transfer method.</i>				
		<u>Code</u> <u>Name</u>				
		ACH Automated Clearing House (ACH)				
		BOP Financial Institution Option				
		CHK Check				
		FEW Federal Reserve Funds/Wire Transfer - Repetitive				
		FWT Federal Reserve Funds/Wire Transfer - Nonrepetitive				
		REV ACH Reversal				
BPR05	812	Payment Format Code	O	ID	1/10	Used
		Description: Code identifying the payment format to be used				
		User: <i>Code identifying the payment format to be used.</i>				
		<i>If BPR04 contains code CHK, BPR05 should contain code PBC.</i>				
		<i>If BPR04 contains code ACH or REV, BPR05 should contain code CDD, CCP, CTX, or PPD.</i>				
		<i>If BPR04 contains code BOP, FEW, FWT, the data element should not be used.</i>				
		<u>Code</u> <u>Name</u>				
		CCD Cash Concentration/Disbursement (CCD) (ACH)				
		CCP Cash Concentration/Disbursement plus Addenda (CCD+) (ACH)				
		CTP Corporate Trade Payment (CTP) (ACH)				
		CTX Corporate Trade Exchange (CTX) (ACH)				
		PBC Commercial/Corporate Check				
		PPD Prearranged Payment and Deposit (PPD+) (ACH)				
BPR06	506	(DFI) ID Number Qualifier	X	ID	2/2	Used
		Description: Code identifying the type of identification number of Depository Financial Institution (DFI)				
		User: <i>Originating financial institution.</i>				
		<u>Code</u> <u>Name</u>				
		01 ABA Transit Routing Number Including Check Digits (9 digits)				
BPR07	507	(DFI) Identification Number	X	AN	3/12	Used
		Description: Depository Financial Institution (DFI) identification number				
		User: <i>Originating financial institution.</i>				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BPR08	569	Account Number Qualifier Description: Code indicating the type of account User: <i>Originating financial institution. This is MANDATORY if making a payment.</i>	O	ID	1/3	Used
		Code Name DA Demand Deposit				
BPR09	508	Account Number Description: Account number assigned User: <i>Originator's bank account number.</i>	X	AN	1/35	Used
BPR10	509	Originating Company Identifier Description: A unique identifier designating the company initiating the funds transfer instructions. The first character is one-digit ANSI identification code designation (ICD) followed by the nine-digit identification number which may be an IRS employer identification number (EIN), data universal numbering system (DUNS), or a user assigned number; the ICD for an EIN is 1, DUNS is 3, user assigned number is 9 User: <i>ICD = 9 is allowed in BISAC EDI with the understanding that the user assigned number is the SAN including check digit and padded with blanks.</i>	O	AN	10/10	Required
BPR11	510	Originating Company Supplemental Code Description: A code defined between the originating company and the originating depository financial institution (ODFI) that uniquely identifies the company initiating the transfer instructions	O	AN	9/9	Used
BPR12	506	(DFI) ID Number Qualifier Description: Code identifying the type of identification number of Depository Financial Institution (DFI) Code Name 01 ABA Transit Routing Number Including Check Digits (9 digits)	X	ID	2/2	Used
BPR13	507	(DFI) Identification Number Description: Depository Financial Institution (DFI) identification number User: <i>Receiving financial institution.</i>	X	AN	3/12	Used
BPR14	569	Account Number Qualifier Description: Code indicating the type of account	O	ID	1/3	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		User: <i>Receiving financial institution.</i>				
		Code Name				
		DA Demand Deposit				
BPR15	508	Account Number	X	AN	1/35	Used
		Description: Account number assigned				
		User: <i>Receiver's bank account number.</i>				
BPR16	373	Date	O	DT	8/8	Required
		Description: Date expressed as CCYYMMDD				
		User: <i>Intended settlement date assigned by the originator. Required for ACH and Fedwires. Not used for commercial check date settlement. For ACH payments, this is the date for all other credits: the date the originator (the payer) intends to provide good funds to the receiver (the payee), or the date for all other debits: The date the originator (the payee) intends to receive good funds from the receiver (the payer). For check payments, this is the check issuance date. For Fedwire payments, this is the execution date.</i>				
BPR17	1048	Business Function Code	O	ID	1/3	Used
		Description: Code identifying the business reason for this payment				
		Code Name				
		VEN Vendor Payment				
* BPR18	506	(DFI) ID Number Qualifier	X	ID	2/2	Not Used
		Description: Code identifying the type of identification number of Depository Financial Institution (DFI)				
* BPR19	507	(DFI) Identification Number	X	AN	3/12	Not Used
		Description: Depository Financial Institution (DFI) identification number				
* BPR20	569	Account Number Qualifier	O	ID	1/3	Not Used
		Description: Code indicating the type of account				
* BPR21	508	Account Number	X	AN	1/35	Not Used
		Description: Account number assigned				

Syntax Rules:

1. P0607 - If either BPR06 or BPR07 is present, then the other is required.

2. C0809 - If BPR08 is present, then BPR09 is required.
3. P1213 - If either BPR12 or BPR13 is present, then the other is required.
4. C1415 - If BPR14 is present, then BPR15 is required.
5. P1819 - If either BPR18 or BPR19 is present, then the other is required.
6. C2021 - If BPR20 is present, then BPR21 is required.

Semantics:

1. BPR02 specifies the payment amount.
2. When using this transaction set to initiate a payment, all or some of BPR06 through BPR16 may be required, depending on the conventions of the specific financial channel being used.
3. BPR06 and BPR07 relate to the originating depository financial institution (ODFI).
4. BPR08 is a code identifying the type of bank account or other financial asset.
5. BPR09 is the account of the company originating the payment. This account may be debited or credited depending on the type of payment order.
6. BPR12 and BPR13 relate to the receiving depository financial institution (RDFI).
7. BPR14 is a code identifying the type of bank account or other financial asset.
8. BPR15 is the account number of the receiving company to be debited or credited with the payment order.
9. BPR16 is the date the originating company intends for the transaction to be settled (i.e., Payment Effective Date).
10. BPR17 is a code identifying the business reason for this payment.
11. BPR18, BPR19, BPR20 and BPR21, if used, identify a third bank identification number and account to be used for return items only.
12. BPR20 is a code identifying the type of bank account or other financial asset.

User:

Electronic funds transfer preferred.

TRN Trace

Pos: 035	Max: 1
Heading - Optional	
Loop: N/A	Elements: 4

User Option (Usage): Used

Purpose: To uniquely identify a transaction to an application

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TRN01	481	Trace Type Code	M	ID	1/2	Required
Description: Code identifying which transaction is being referenced User: Reference number assigned by the originator identifying this payment order.						
Code Name 1 Current Transaction Trace Numbers						
TRN02	127	Reference Identification	M	AN	1/30	Required
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier User: This is the control number used to tie funds to the remittance, e.g., the check number.						
* TRN03	509	Originating Company Identifier	O	AN	10/10	Not Used
Description: A unique identifier designating the company initiating the funds transfer instructions. The first character is one-digit ANSI identification code designation (ICD) followed by the nine-digit identification number which may be an IRS employer identification number (EIN), data universal numbering system (DUNS), or a user assigned number; the ICD for an EIN is 1, DUNS is 3, user assigned number is 9						
* TRN04	127	Reference Identification	O	AN	1/30	Not Used
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						

Semantics:

1. TRN02 provides unique identification for the transaction.
2. TRN03 identifies an organization.
3. TRN04 identifies a further subdivision within the organization.

CUR Currency

Pos: 040	Max: 1
Heading - Optional	
Loop: N/A	Elements: 21

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CUR01	98	Entity Identifier Code	M	ID	2/3	Required
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		Code Name				
		BT Bill-to-Party				
		VN Vendor				
CUR02	100	Currency Code	M	ID	3/3	Required
		Description: Code (Standard ISO) for country in whose currency the charges are specified				
* CUR03	280	Exchange Rate	O	R	4/10	Not Used
		Description: Value to be used as a multiplier conversion factor to convert monetary value from one currency to another				
* CUR04	98	Entity Identifier Code	O	ID	2/3	Not Used
		Description: Code identifying an organizational entity, a physical location, property or an individual				
* CUR05	100	Currency Code	O	ID	3/3	Not Used
		Description: Code (Standard ISO) for country in whose currency the charges are specified				
* CUR06	669	Currency Market/Exchange Code	O	ID	3/3	Not Used
		Description: Code identifying the market upon which the currency exchange rate is based				
* CUR07	374	Date/Time Qualifier	X	ID	3/3	Not Used
		Description: Code specifying type of date or time, or both date and time				
* CUR08	373	Date	O	DT	8/8	Not Used
		Description: Date expressed as CCYYMMDD				
* CUR09	337	Time	O	TM	4/8	Not Used
		Description: Time expressed in 24-hour				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		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)				
* CUR10	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time	X	ID	3/3	Not Used
* CUR11	373	Date Description: Date expressed as CCYYMMDD	X	DT	8/8	Not Used
* CUR12	337	Time Description: 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)	X	TM	4/8	Not Used
* CUR13	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time	X	ID	3/3	Not Used
* CUR14	373	Date Description: Date expressed as CCYYMMDD	X	DT	8/8	Not Used
* CUR15	337	Time Description: 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)	X	TM	4/8	Not Used
* CUR16	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time	X	ID	3/3	Not Used
* CUR17	373	Date Description: Date expressed as CCYYMMDD	X	DT	8/8	Not Used
* CUR18	337	Time Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS,	X	TM	4/8	Not Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		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)				
* CUR19	374	Date/Time Qualifier	X	ID	3/3	Not Used
		Description: Code specifying type of date or time, or both date and time				
* CUR20	373	Date	X	DT	8/8	Not Used
		Description: Date expressed as CCYYMMDD				
* CUR21	337	Time	X	TM	4/8	Not Used
		Description: 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)				

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.

User:

The CUR Segment is generally not used unless international payment is required. A standard remittance is understood to be handled in U.S. Currency, unless otherwise specified by conditions in this segment.

Only the currency used in the transaction is required since this represents an actual payment and conversion will be carried out according to the payor's bank.

REF Reference Identification

Pos: 050	Max: >1
Heading - Optional	
Loop: N/A	Elements: 4

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification User: <i>Originator's document trace number, e.g., check number.</i>	M	ID	2/3	Required
		Code Name CK Check Number EF Electronic Funds Transfer ID Number				
REF02	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier User: <i>This is the control number used to tie funds to the remittance, e.g., the check number</i>	X	AN	1/30	Required
* REF03	352	Description Description: A free-form description to clarify the related data elements and their content	X	AN	1/80	Not Used
* REF04	C040	Reference Identifier Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O	Comp		Not Used
*	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification	M	ID	2/3	Not Used
*	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN	1/30	Not Used
*	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification	X	ID	2/3	Not Used
*	127	Reference Identification	X	AN	1/30	Not Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
*	128	Reference Identification Qualifier	X	ID	2/3	Not Used
		Description: Code qualifying the Reference Identification				
*	127	Reference Identification	X	AN	1/30	Not Used
		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.

DTM Date/Time Reference

Pos: 060	Max: >1
Heading - Optional	
Loop: N/A	Elements: 7

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Required
Description: Code specifying type of date or time, or both date and time User: <i>This is the date of the originator's transaction reference number that appears in the preceding REF segment, e.g., the date of the check.</i>						
Code Name 097 Transaction Creation						
DTM02	373	Date	X	DT	8/8	Required
Description: Date expressed as CCYYMMDD						
* DTM03	337	Time	X	TM	4/8	Not Used
Description: 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)						
* DTM04	623	Time Code	O	ID	2/2	Not Used
Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow						
* DTM05	624	Century	O	N0	2/2	Not Used
Description: The first two characters in the designation of the year (CCYY)						
* DTM06	1250	Date Time Period Format Qualifier	X	ID	2/3	Not Used
Description: Code indicating the date format, time format, or date and time format						
* DTM07	1251	Date Time Period	X	AN	1/35	Not Used
Description: Expression of a date, a time, or						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		range of dates, times or dates and times				

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.

Loop Name

Pos: 070	Repeat: >1
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Used

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
070	N1	Name	O	1		Used

User:

Two N1 loops must be used to designate the payer (with text name in N102) and payee. This is the maximum usage.

N1 Name

Pos: 070	Max: 1
Heading - Optional	
Loop: N1	Elements: 6

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Required
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		Code Name				
		PE Payee				
		PR Payer				
N102	93	Name	X	AN	1/60	Used
		Description: Free-form name				
		User: <i>Text name is recommended for payer.</i>				
N103	66	Identification Code Qualifier	X	ID	1/2	Required
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		Code Name				
		15 Standard Address Number (SAN)				
N104	67	Identification Code	X	AN	2/80	Required
		Description: Code identifying a party or other code				
* N105	706	Entity Relationship Code	O	ID	2/2	Not Used
		Description: Code describing entity relationship				
* N106	98	Entity Identifier Code	O	ID	2/3	Not Used
		Description: Code identifying an organizational entity, a physical location, property or an individual				

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.

User:

Two N1 loops must be used to designate the payer (with text name in N102) and payee. This is the maximum usage.

Loop Entity

Pos: 010	Repeat: >1
Optional	
Loop: ENT	Elements: N/A

User Option (Usage): Used

Purpose: To designate the entities which are parties to a transaction and specify a reference meaningful to those entities

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	ENT	Entity	O	1		Used
020		Loop N1	O		>1	Used
080		Loop ADX	O		>1	Used
150		Loop RMR	O		>1	Used

User:

The purpose of this segment is to identify entities within the sender. If any segments within Table 2 are sent, ENT01 is required. This means that the presence of any detail area information must begin with an ENT segment, e.g., the ENT segment can be used as a place mark.

The only valid entity groupings for BISAC EDI are:

(1) Single/Single: Only ENT01 is necessary because there is a single entity (the sending master) communicating with a single entity (the receiving master).

(2) Multiple/Single: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. The receiving master is a single entity so elements ENT05, ENT06, and ENT07 need not be used.

ENT Entity

Pos: 010	Max: 1
Detail - Optional	
Loop: ENT	Elements: 9

User Option (Usage): Used

Purpose: To designate the entities which are parties to a transaction and specify a reference meaningful to those entities

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ENT01	554	Assigned Number	O	N0	1/6	Required
		Description: Number assigned for differentiation within a transaction set User: <i>In the single/single relationship, ENT01 is used as a placeholder. No other data elements need to be used.</i>				
ENT02	98	Entity Identifier Code	X	ID	2/3	Used
		Description: Code identifying an organizational entity, a physical location, property or an individual <u>Code</u> <u>Name</u> BY Buying Party (Purchaser)				
ENT03	66	Identification Code Qualifier	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67) <u>Code</u> <u>Name</u> 15 Standard Address Number (SAN)				
ENT04	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
* ENT05	98	Entity Identifier Code	X	ID	2/3	Not Used
		Description: Code identifying an organizational entity, a physical location, property or an individual				
* ENT06	66	Identification Code Qualifier	X	ID	1/2	Not Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
* ENT07	67	Identification Code	X	AN	2/80	Not Used
		Description: Code identifying a party or other code				
* ENT08	128	Reference Identification Qualifier	X	ID	2/3	Not Used
		Description: Code qualifying the Reference				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Identification				
* ENT09	127	Reference Identification	X	AN	1/30	Not Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

Syntax Rules:

1. P020304 - If either ENT02, ENT03 or ENT04 are present, then the others are required.
2. P050607 - If either ENT05, ENT06 or ENT07 are present, then the others are required.
3. P0809 - If either ENT08 or ENT09 is present, then the other is required.

Comments:

1. This segment allows for the grouping of data by entity/entities at or within a master/masters. A master (e.g., an organization) can be comprised of numerous subgroups (e.g., entities). This master may send grouped data to another master (e.g., an organization) which is comprised of one or more entities. Groupings are as follows:
2. (1) Single/Single: Only ENT01 is necessary, because there is a single entity (the sending master) communicating with a single entity (the receiving master).
3. (2) Single/Multiple: ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master. The sending master is a single entity, so no other data elements need be used.
4. (3) Multiple/Single: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. The receiving master is a single entity, so no other data elements need be used.
5. (4) Multiple/Multiple: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master.
6. This segment also allows for the transmission of a unique reference number that is meaningful between the entities.

User:

The purpose of this segment is to identify entities within the sender. If any segments within Table 2 are sent, ENT01 is required. This means that the presence of any detail area information must begin with an ENT segment, e.g., the ENT segment can be used as a place mark.

The only valid entity groupings for BISAC EDI are:

(1) Single/Single: Only ENT01 is necessary because there is a single entity (the sending master) communicating with a single entity (the receiving master).

(2) Multiple/Single: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. The receiving master is a single entity so elements ENT05, ENT06, and ENT07 need not be used.

Loop Name

Pos: 020	Repeat: >1
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Used

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
020	N1	Name	O	1		Used

User:

Use the detail area N1 segment to further define the entities within the payer, e.g., location numbers (store numbers) can be conveyed in additional N1 loops.

N1 Name

Pos: 020	Max: 1
Detail - Optional	
Loop: N1	Elements: 6

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/2	Required
		Description: Code identifying an organizational entity, a physical location, or an individual				
		Code Name				
		AO Account Of				
		BY Buying Party (Purchaser)				
N102	93	Name	C	AN	1/35	Used
		Description: Free-form name				
N103	66	Identification Code Qualifier	C	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		Code Name				
		91 Assigned by Seller or Seller's Agent				
		92 Assigned by Buyer or Buyer's Agent				
N104	67	Identification Code	C	AN	2/20	Used
		Description: Code identifying a party or other code				
* N105	706	Entity Relationship Code	O	ID	2/2	Not Used
		Description: Code describing entity relationship				
* N106	98	Entity Identifier Code	O	ID	2/2	Not Used
		Description: Code identifying an organizational entity, a physical location, or an individual				

Syntax Rules:

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

User:

Use the detail area N1 segment to further define the entities within the payer, e.g., location numbers (store numbers) can be conveyed in additional N1 loops.

Loop Adjustment

Pos: 080	Repeat: >1
Optional	
Loop: ADX	Elements: N/A

User Option (Usage): Used

Purpose: To convey accounts-payable adjustment information for the purpose of cash application, including payer-generated debit/credit memos

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
080	ADX	Adjustment	O	1		Used
110		Loop REF	O		>1	Used
130		Loop IT1	O		>1	Used

User:

This ADX loop contains adjustment information not related to items referenced by any RMR segment in this transaction. This ADX loop may contain adjustments of any other nature. This ADX segment should be used to specify adjustment details reported in a separate document, e.g., Transaction Set 812, Debit/Credit Adjustment, or equivalent.

ADX Adjustment

Pos: 080	Max: 1
Detail - Optional	
Loop: ADX	Elements: 4

User Option (Usage): Used

Purpose: To convey accounts-payable adjustment information for the purpose of cash application, including payer-generated debit/credit memos

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ADX01	782	Monetary Amount	M	R	1/18	Required

Description: Monetary amount

ADX02	426	Adjustment Reason Code	M	ID	2/2	Required
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Description: Code indicating reason for debit or credit memo or adjustment to invoice, debit or credit memo, or payment

Code Name

01	Pricing Error
02	Allowance/Charge Error
03	Extension Error
04	Item Not Accepted - Damaged
05	Item Not Accepted - Quality
06	Quantity Contested
07	Incorrect Product
08	Substitute Product
09	Terms of Sale Error
11	Returns - Damage
15	Returns - Recall
16	Non-Invoice Related Allowance/Charge
24	Incorrect Discount
27	Product Transfers Subject to Charge Back
33	Currency Exchange Incorrect
39	Shipper/Consignee Ref. Number Missing
54	Freight Deducted
55	Tax Deducted
59	Item not received
61	No open order on file
71	Advertising Allowance
72	Authorized Return
74	Cancel or Adjust Prior Credit/Debit Adjustment
75	Total Order Not Received
76	Cash Discount
79	Cooperative Advertising
80	Overpayment
81	Credit as Agreed
86	Duplicate Payment
87	Duplicate Shipment

Code Name

90 Early Payment Allowance
 A2 Misshipped (Wrong Product Received)
 A4 Nonreceipt of Goods
 A5 Overage
 A7 Payment on Account
 B2 Rebate
 B8 Routing Violation
 C1 Settlement of Account
 C8 Ticketing Error
 CM Covered by Credit Memo
 D1 Transfer Between Accounts
 D4 Unauthorized Product
 E9 Order Cancelled
 GG Unsalable Merchandise
 H2 Payment Previously Sent

Description: *Payee received compensation at a prior time*

IA Invoice Amount Does Not Match Account Analysis Statement
 L7 Miscellaneous Deductions

Description: *A deduction taken from the amount due a business entity for which not specific reason code exists; this code must be accompanied by a free-form explanation of the deduction*

RD Receiving Discrepancy
 RM Returned Material
 WU Unspecified Recovery
 ZZ Mutually Defined

ADX03 128 **Reference Identification Qualifier** X ID 2/3 Used

Description: Code qualifying the Reference Identification

Code Name

AM Adjustment Memo (Charge Back)
 BM Bill of Lading Number
 CL Seller's Credit Memo
 CM Buyer's Credit Memo
 CN Carrier's Reference Number (PRO/Invoice)
 DB Buyer's Debit Memo
 DL Seller's Debit Memo
 MB Master Bill of Lading
 RZ Returned Goods Authorization Number
 SI Shipper's Identifying Number for Shipment (SID)

Description: *A unique number (to the shipper) assigned by the shipper to identify the shipment*

ADX04 127 **Reference Identification** X AN 1/30 Used

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

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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Syntax Rules:

1. P0304 - If either ADX03 or ADX04 is present, then the other is required.

Semantics:

1. ADX01 specifies the amount of the adjustment and must be signed if negative. If negative, it reduces the payment amount; if positive, it increases the payment amount.
2. ADX02 specifies the reason for claiming the adjustment.
3. ADX03 and ADX04 specify the identification of the adjustment.

User:

This ADX loop contains adjustment information not related to items referenced by any RMR segment in this transaction. This ADX loop may contain adjustments of any other nature. This ADX segment should be used to specify adjustment details reported in a separate document, e.g., Transaction Set 812, Debit/Credit Adjustment, or equivalent.

Loop Reference Identification

Pos: 110	Repeat: >1
Optional	
Loop: REF	Elements: N/A

User Option (Usage): Used

Purpose: To specify identifying information

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
110	REF	Reference Identification	O	1		Used
120	DTM	Date/Time Reference	O	>1		Required

REF Reference Identification

Pos: 110	Max: 1
Detail - Optional	
Loop: REF	Elements: 4

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Required
Description: Code qualifying the Reference Identification						
Code Name						
AM Adjustment Memo (Charge Back)						
CK Check Number						
CM Buyer's Credit Memo						
DL Seller's Debit Memo						
EF Electronic Funds Transfer ID Number						
IV Seller's Invoice Number						
PO Purchase Order Number						
RZ Returned Goods Authorization Number						
VV Voucher						
REF02	127	Reference Identification	X	AN	1/30	Required
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						
* REF03	352	Description	X	AN	1/80	Not Used
Description: A free-form description to clarify the related data elements and their content						
* REF04	C040	Reference Identifier	O	Comp		Not Used
Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier						
*	128	Reference Identification Qualifier	M	ID	2/3	Not Used
Description: Code qualifying the Reference Identification						
*	127	Reference Identification	M	AN	1/30	Not Used
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						
*	128	Reference Identification Qualifier	X	ID	2/3	Not Used
Description: Code qualifying the Reference						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Identification				
*	127	Reference Identification	X	AN	1/30	Not Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
*	128	Reference Identification Qualifier	X	ID	2/3	Not Used
		Description: Code qualifying the Reference Identification				
*	127	Reference Identification	X	AN	1/30	Not Used
		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.

DTM Date/Time Reference

Pos: 120	Max: >1
Detail - Optional	
Loop: REF	Elements: 7

User Option (Usage): Required

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>																		
DTM01	374	Date/Time Qualifier	M	ID	3/3	Required																		
Description: Code specifying type of date or time, or both date and time																								
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>003</td><td>Invoice</td></tr><tr><td>004</td><td>Purchase Order</td></tr><tr><td>007</td><td>Effective</td></tr><tr><td>020</td><td>Check</td></tr><tr><td>021</td><td>Charge Back</td></tr><tr><td>188</td><td>Credit Advice</td></tr><tr><td>189</td><td>Debit Advice</td></tr><tr><td>283</td><td>Funds Appropriation - Start</td></tr></table>							<u>Code</u>	<u>Name</u>	003	Invoice	004	Purchase Order	007	Effective	020	Check	021	Charge Back	188	Credit Advice	189	Debit Advice	283	Funds Appropriation - Start
<u>Code</u>	<u>Name</u>																							
003	Invoice																							
004	Purchase Order																							
007	Effective																							
020	Check																							
021	Charge Back																							
188	Credit Advice																							
189	Debit Advice																							
283	Funds Appropriation - Start																							
Description: <i>The date that funds appropriation begins</i>																								
DTM02	373	Date	X	DT	8/8	Required																		
Description: Date expressed as CCYYMMDD																								
* DTM03	337	Time	X	TM	4/8	Not Used																		
Description: 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)																								
* DTM04	623	Time Code	O	ID	2/2	Not Used																		
Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow																								
* DTM05	624	Century	O	N0	2/2	Not Used																		
Description: The first two characters in the designation of the year (CCYY)																								
* DTM06	1250	Date Time Period Format Qualifier	X	ID	2/3	Not Used																		

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Code indicating the date format, time format, or date and time format				
* DTM07	1251	Date Time Period	X	AN	1/35	Not Used
		Description: Expression of a date, a time, or range of dates, times or dates and times				

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.

Loop Baseline Item Data (Invoice)

Pos: 130	Repeat: >1
Optional	
Loop: IT1	Elements: N/A

User Option (Usage): Used

Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
130	IT1	Baseline Item Data (Invoice)	O	1		Used

User:

The IT1 loop, within the ADX loop, is the adjustment line item detail loop.

The codes listed for IT106 apply to every occurrence of data element 235 in the IT1 segment.

IT1 Baseline Item Data (Invoice)

Pos: 130	Max: 1
Detail - Optional	
Loop: IT1	Elements: 25

User Option (Usage): Used

Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IT101	350	Assigned Identification Description: Alphanumeric characters assigned for differentiation within a transaction set	O	AN	1/20	Used
IT102	358	Quantity Invoiced Description: Number of units invoiced (supplier units)	X	R	1/10	Required
IT103	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <u>Code</u> <u>Name</u> ST Set UN Unit	X	ID	2/2	Required
IT104	212	Unit Price Description: Price per unit of product, service, commodity, etc. User: The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29". To indicate free goods, use a single zero (0) with the code NC as the value in IT105.	X	R	1/17	Required
IT105	639	Basis of Unit Price Code Description: Code identifying the type of unit price for an item User: This data element is used to clarify or alter the bases of unit price. The unit price expressed in IT104 is always in the same terms as the unit of measure in IT103, unless otherwise specified in IT105. <u>Code</u> <u>Name</u> CA Catalog NC No Charge PE Price per Each PR Promotion SR Suggested Retail	O	ID	2/2	Used

IT106	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
Code Name						
A1 Plant Equipment Number Description: <i>Item identifier is a plant equipment number</i>						
B1 Volume Set						
B2 Library of Congress Code						
B3 Edition Code						
B4 Binding Code						
B5 Title Code						
B6 Author Code						
B7 Publisher Code						
BN Bar-Coded Serial Number						
CB Buyer's Catalog Number						
EN European Article Number (EAN) (2-5-5-1)						
User: ISBN-13						
GC Grade Code						
IB International Standard Book Number (ISBN)						
User: ISBN-10						
NC Treasury Management Association						
PL Purchaser's Order Line Number						
PO Purchase Order Number						
PR Process Number						
RT Reel Type						
UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)						
Description: <i>A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit</i>						
User: UCC/EAN-14						
VN Vendor's (Seller's) Item Number						
ZZ Mutually Defined						
IT107	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						
IT108	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
IT109	234	Product/Service ID	X	AN	1/48	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Identifying number for a product or service				
IT110	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
IT111	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
IT112	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
IT113	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
IT114	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
IT115	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
IT116	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
IT117	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
IT118	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
IT119	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
IT120	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IT121	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48	Used
IT122	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID	2/2	Used
IT123	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48	Used
IT124	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID	2/2	Used
IT125	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48	Used

Syntax Rules:

1. P020304 - If either IT102, IT103 or IT104 are present, then the others are required.
2. P0607 - If either IT106 or IT107 is present, then the other is required.
3. P0809 - If either IT108 or IT109 is present, then the other is required.
4. P1011 - If either IT110 or IT111 is present, then the other is required.
5. P1213 - If either IT112 or IT113 is present, then the other is required.
6. P1415 - If either IT114 or IT115 is present, then the other is required.
7. P1617 - If either IT116 or IT117 is present, then the other is required.
8. P1819 - If either IT118 or IT119 is present, then the other is required.
9. P2021 - If either IT120 or IT121 is present, then the other is required.
10. P2223 - If either IT122 or IT123 is present, then the other is required.
11. P2425 - If either IT124 or IT125 is present, then the other is required.

Semantics:

1. IT101 is the purchase order line item identification.

Comments:

1. Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
2. IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

User:

The IT1 loop, within the ADX loop, is the adjustment line item detail loop.

The codes listed for IT106 apply to every occurrence of data element 235 in the IT1 segment.

Loop Remittance Advice Accounts Receivable Open Item Reference

Pos: 150 Repeat: >1
Optional
Loop: RMR Elements: N/A

User Option (Usage): Used

Purpose: To specify the accounts receivable open item(s) to be included in the cash application and to convey the appropriate detail

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
150	RMR	Remittance Advice Accounts Receivable Open Item Reference	O	1		Used
170	REF	Reference Identification	O	>1		Used
180	DTM	Date/Time Reference	O	>1		Used
190		Loop IT1	O		>1	Used
210		Loop ADX	O		>1	Used

User:

This segment identifies the specific remittance details.

RMR Remittance Advice Accounts Receivable Open Item Reference

Pos: 150	Max: 1
Detail - Optional	
Loop: RMR	Elements: 8

User Option (Usage): Used

Purpose: To specify the accounts receivable open item(s) to be included in the cash application and to convey the appropriate detail

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
RMR01	128	Reference Identification Qualifier	X	ID	2/3	Required
		Description: Code qualifying the Reference Identification				
		Code Name				
		IV Seller's Invoice Number				
RMR02	127	Reference Identification	X	AN	1/30	Required
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		User: This data element contains the document number being paid, e.g., invoice number.				
RMR03	482	Payment Action Code	O	ID	2/2	Used
		Description: Code specifying the accounts receivable open item(s), if any, to be included in the cash application.				
		Code Name				
		ER Evaluated Receipts Settlement				
		PA Payment in Advance				
		PI Pay Item				
		PO Payment on Account				
		PP Partial Payment				
RMR04	782	Monetary Amount	O	R	1/18	Used
		Description: Monetary amount				
		User: This is the amount being paid, inclusive of discounts and adjustments (net paid). RMR04 must be signed if negative. If the value is negative, it has reduced the BPR payment amount. If the value is positive, it has increased the BR payment amount.				
RMR05	782	Monetary Amount	O	R	1/18	Used
		Description: Monetary amount				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		User: <i>This data identifies the original or historic value of the document.</i>				
RMR06	782	Monetary Amount	O	R	1/18	Used
		Description: Monetary amount				
		User: <i>The value of RMR06 is positive and reduces the document (RMR05) amount.</i>				
* RMR07	426	Adjustment Reason Code	X	ID	2/2	Not Used
		Description: Code indicating reason for debit or credit memo or adjustment to invoice, debit or credit memo, or payment				
* RMR08	782	Monetary Amount	X	R	1/18	Not Used
		Description: Monetary amount				

Syntax Rules:

1. P0102 - If either RMR01 or RMR02 is present, then the other is required.
2. P0708 - If either RMR07 or RMR08 is present, then the other is required.

Semantics:

1. If RMR03 is present, it specifies how the cash is to be applied.
2. RMR04 is the amount paid.
3. RMR05 is the amount of invoice (including charges, less allowance) before terms discount (if discount is applicable) or debit amount or credit amount of referenced items.
4. RMR06 is the amount of discount taken.
5. RMR08, if present, represents an interest penalty payment, amount late interest paid, or amount anticipation.

Comments:

1. Parties using this segment should agree on the content of RMR01 and RMR02 prior to initiating communication.
2. If RMR03 is not present, this is a payment for an open item. If paying an open item, RMR02 must be present. If not paying a specific open item, RMR04 must be present.
3. RMR05 may be needed by some payees to distinguish between duplicate reference numbers.

User:

This segment identifies the specific remittance details.

REF Reference Identification

Pos: 170	Max: >1
Detail - Optional	
Loop: RMR	Elements: 4

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Required
		Description: Code qualifying the Reference Identification				
		Code		Name		
		AA		Accounts Receivable Statement Number		
		BM		Bill of Lading Number		
		BT		Batch Number		
		CK		Check Number		
		CN		Carrier's Reference Number (PRO/Invoice)		
		DP		Department Number		
		MB		Master Bill of Lading		
		PO		Purchase Order Number		
		RZ		Returned Goods Authorization Number		
		SI		Shipper's Identifying Number for Shipment (SID)		
		Description: A unique number (to the shipper) assigned by the shipper to identify the shipment				
		VV		Voucher		
REF02	127	Reference Identification	X	AN	1/30	Required
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
* REF03	352	Description	X	AN	1/80	Not Used
		Description: A free-form description to clarify the related data elements and their content				
* REF04	C040	Reference Identifier	O	Comp		Not Used
		Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier				
*	128	Reference Identification Qualifier	M	ID	2/3	Not Used
		Description: Code qualifying the Reference Identification				
*	127	Reference Identification	M	AN	1/30	Not Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Qualifier				
*	128	Reference Identification Qualifier	X	ID	2/3	Not Used
		Description: Code qualifying the Reference Identification				
*	127	Reference Identification	X	AN	1/30	Not Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
*	128	Reference Identification Qualifier	X	ID	2/3	Not Used
		Description: Code qualifying the Reference Identification				
*	127	Reference Identification	X	AN	1/30	Not Used
		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.

User:

This segment contain ancillary reference numbers relating to the previous RMR segment.

This segment is NOT intended to identify the primary document number. Use RMR01 and RMR02 for the primary document number.

DTM Date/Time Reference

Pos: 180	Max: >1
Detail - Optional	
Loop: RMR	Elements: 7

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Required
		Description: Code specifying type of date or time, or both date and time				
		Code		Name		
		003		Invoice		
DTM02	373	Date	X	DT	8/8	Required
		Description: Date expressed as CCYYMMDD				
* DTM03	337	Time	X	TM	4/8	Not Used
		Description: 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)				
* DTM04	623	Time Code	O	ID	2/2	Not Used
		Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow				
* DTM05	624	Century	O	N0	2/2	Not Used
		Description: The first two characters in the designation of the year (CCYY)				
* DTM06	1250	Date Time Period Format Qualifier	X	ID	2/3	Not Used
		Description: Code indicating the date format, time format, or date and time format				
* DTM07	1251	Date Time Period	X	AN	1/35	Not Used
		Description: Expression of a date, a time, or range of dates, times or dates and times				

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.

User:

This is the date of the document specified in the previous RMR02.

Loop Baseline Item Data (Invoice)

Pos: 190	Repeat: >1
Optional	
Loop: IT1	Elements: N/A

User Option (Usage): Used

Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
190	IT1	Baseline Item Data (Invoice)	O	1		Used

User:

This segment is used for evaluated receipts, partial payments or other circumstances, when absolutely necessary.

The codes listed for IT106 apply to every occurrence of data element 235 in the IT1 segment.

IT1 Baseline Item Data (Invoice)

Pos: 190	Max: 1
Detail - Optional	
Loop: IT1	Elements: 25

User Option (Usage): Used

Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IT101	350	Assigned Identification Description: Alphanumeric characters assigned for differentiation within a transaction set	O	AN	1/20	Used
IT102	358	Quantity Invoiced Description: Number of units invoiced (supplier units)	X	R	1/10	Required
IT103	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <u>Code</u> <u>Name</u> ST Set UN Unit	X	ID	2/2	Required
IT104	212	Unit Price Description: Price per unit of product, service, commodity, etc. User: The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29". To indicate free goods, use a single zero (0) with the code NC as the value in IT105.	X	R	1/17	Required
IT105	639	Basis of Unit Price Code Description: Code identifying the type of unit price for an item User: This data element is used clarify or alter the bases of unit price. The unit price expressed in IT104 is always in the same terms as the unit of measure in IT103, unless otherwise specified in IT105. <u>Code</u> <u>Name</u> CA Catalog NC No Charge PE Price per Each PR Promotion	O	ID	2/2	Used

		<u>Code</u>	<u>Name</u>								
		SR	Suggested Retail								
IT106	235	Product/Service ID Qualifier		X	ID	2/2	Used				
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)									
		<u>Code</u>	<u>Name</u>								
		A1	Plant Equipment Number								
		Description: <i>Item identifier is a plant equipment number</i>									
		B1	Volume Set								
		B2	Library of Congress Code								
		B3	Edition Code								
		B4	Binding Code								
		B5	Title Code								
		B6	Author Code								
		B7	Publisher Code								
		BN	Bar-Coded Serial Number								
		CB	Buyer's Catalog Number								
		EN	European Article Number (EAN) (2-5-5-1)								
		User:									
		ISBN-13									
		GC	Grade Code								
		IB	International Standard Book Number (ISBN)								
		NC	Treasury Management Association								
		PL	Purchaser's Order Line Number								
		PO	Purchase Order Number								
		PR	Process Number								
		RT	Reel Type								
		UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)								
		Description: <i>A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit</i>									
		User:									
		UCC/EAN-14									
		VN	Vendor's (Seller's) Item Number								
		ZZ	Mutually Defined								
IT107	234	Product/Service ID		X	AN	1/48	Used				
		Description: Identifying number for a product or service									
IT108	235	Product/Service ID Qualifier		X	ID	2/2	Used				
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)									
IT109	234	Product/Service ID		X	AN	1/48	Used				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Identifying number for a product or service				
IT110	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
IT111	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
IT112	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
IT113	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
IT114	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
IT115	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
IT116	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
IT117	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
IT118	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
IT119	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
IT120	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IT121	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48	Used
IT122	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID	2/2	Used
IT123	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48	Used
IT124	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID	2/2	Used
IT125	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48	Used

Syntax Rules:

1. P020304 - If either IT102, IT103 or IT104 are present, then the others are required.
2. P0607 - If either IT106 or IT107 is present, then the other is required.
3. P0809 - If either IT108 or IT109 is present, then the other is required.
4. P1011 - If either IT110 or IT111 is present, then the other is required.
5. P1213 - If either IT112 or IT113 is present, then the other is required.
6. P1415 - If either IT114 or IT115 is present, then the other is required.
7. P1617 - If either IT116 or IT117 is present, then the other is required.
8. P1819 - If either IT118 or IT119 is present, then the other is required.
9. P2021 - If either IT120 or IT121 is present, then the other is required.
10. P2223 - If either IT122 or IT123 is present, then the other is required.
11. P2425 - If either IT124 or IT125 is present, then the other is required.

Semantics:

1. IT101 is the purchase order line item identification.

Comments:

1. Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
2. IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

User:

This segment is used for evaluated receipts, partial payments or other circumstances, when absolutely necessary.

The codes listed for IT106 apply to every occurrence of data element 235 in the IT1 segment.

Loop Adjustment

Pos: 210	Repeat: >1
Optional	
Loop: ADX	Elements: N/A

User Option (Usage): Used

Purpose: To convey accounts-payable adjustment information for the purpose of cash application, including payer-generated debit/credit memos

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
210	ADX	Adjustment	O	1		Used
220	NTE	Note/Special Instruction	O	>1		Used
260		Loop IT1	O		>1	Used

ADX Adjustment

Pos: 210	Max: 1
Detail - Optional	
Loop: ADX	Elements: 4

User Option (Usage): Used

Purpose: To convey accounts-payable adjustment information for the purpose of cash application, including payer-generated debit/credit memos

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ADX01	782	Monetary Amount	M	R	1/18	Required

Description: Monetary amount

ADX02	426	Adjustment Reason Code	M	ID	2/2	Required
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Description: Code indicating reason for debit or credit memo or adjustment to invoice, debit or credit memo, or payment

Code Name

01	Pricing Error
02	Allowance/Charge Error
03	Extension Error
04	Item Not Accepted - Damaged
05	Item Not Accepted - Quality
06	Quantity Contested
07	Incorrect Product
08	Substitute Product
09	Terms of Sale Error
11	Returns - Damage
15	Returns - Recall
16	Non-Invoice Related Allowance/Charge
24	Incorrect Discount
27	Product Transfers Subject to Charge Back
33	Currency Exchange Incorrect
39	Shipper/Consignee Ref. Number Missing
54	Freight Deducted
55	Tax Deducted
59	Item not received
61	No open order on file
71	Advertising Allowance
72	Authorized Return
74	Cancel or Adjust Prior Credit/Debit Adjustment
75	Total Order Not Received
76	Cash Discount
79	Cooperative Advertising
80	Overpayment
81	Credit as Agreed
86	Duplicate Payment
87	Duplicate Shipment

Code Name

90 Early Payment Allowance
 A2 Misshipped (Wrong Product Received)
 A4 Nonreceipt of Goods
 A5 Overage
 A7 Payment on Account
 B2 Rebate
 B8 Routing Violation
 C1 Settlement of Account
 C8 Ticketing Error
 CM Covered by Credit Memo
 D1 Transfer Between Accounts
 D4 Unauthorized Product
 E9 Order Cancelled
 GG Unsalable Merchandise
 H2 Payment Previously Sent

Description: *Payee received compensation at a prior time*

IA Invoice Amount Does Not Match Account Analysis Statement
 L7 Miscellaneous Deductions

Description: *A deduction taken from the amount due a business entity for which not specific reason code exists; this code must be accompanied by a free-form explanation of the deduction*

RD Receiving Discrepancy
 RM Returned Material
 WU Unspecified Recovery
 ZZ Mutually Defined

ADX03 128 **Reference Identification Qualifier** X ID 2/3 Used

Description: Code qualifying the Reference Identification

Code Name

AM Adjustment Memo (Charge Back)
 BM Bill of Lading Number
 CL Seller's Credit Memo
 CM Buyer's Credit Memo
 CN Carrier's Reference Number (PRO/Invoice)
 DB Buyer's Debit Memo
 DL Seller's Debit Memo
 MB Master Bill of Lading
 RZ Returned Goods Authorization Number
 SI Shipper's Identifying Number for Shipment (SID)

Description: *A unique number (to the shipper) assigned by the shipper to identify the shipment*

ADX04 127 **Reference Identification** X AN 1/30 Used

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

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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Syntax Rules:

1. P0304 - If either ADX03 or ADX04 is present, then the other is required.

Semantics:

1. ADX01 specifies the amount of the adjustment and must be signed if negative. If negative, it reduces the payment amount; if positive, it increases the payment amount.
2. ADX02 specifies the reason for claiming the adjustment.
3. ADX03 and ADX04 specify the identification of the adjustment.

NTE Note/Special Instruction

Pos: 220	Max: >1
Detail - Optional	
Loop: ADX	Elements: 2

User Option (Usage): Used

Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
* NTE01	363	Note Reference Code	O	ID	3/3	Not Used
		Description: Code identifying the functional area or purpose for which the note applies				
NTE02	352	Description	M	AN	1/80	Required
		Description: A free-form description to clarify the related data elements and their content				
		User: Free-form text. (Used to further elaborate adjustment reasons when the Adjustment REason Code is ZZ.)				

Comments:

1. The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

User:

This segment is used only for further description of preceding adjustments. Its use is primarily to explain adjustment reasons not covered by existing ADX02 Data Element 426 in detail, i.e. ZZ.

Loop Baseline Item Data (Invoice)

Pos: 260	Repeat: >1
Optional	
Loop: IT1	Elements: N/A

User Option (Usage): Used

Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
260	IT1	Baseline Item Data (Invoice)	O	1		Used

User:

This IT1 loop, within the ADX loop, is the adjustment line item detail loop.

This segment identifies line items on the preceding ADX segment.

IT1 Baseline Item Data (Invoice)

Pos: 260	Max: 1
Detail - Optional	
Loop: IT1	Elements: 25

User Option (Usage): Used

Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IT101	350	Assigned Identification Description: Alphanumeric characters assigned for differentiation within a transaction set	O	AN	1/20	Used
IT102	358	Quantity Invoiced Description: Number of units invoiced (supplier units)	X	R	1/10	Required
IT103	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <u>Code</u> <u>Name</u> ST Set UN Unit	X	ID	2/2	Required
IT104	212	Unit Price Description: Price per unit of product, service, commodity, etc. User: The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29". to indicate free goods, use a single zero (0) with the code NC as the value in IT105.	X	R	1/17	Required
IT105	639	Basis of Unit Price Code Description: Code identifying the type of unit price for an item User: This data element is used to clarify or alter the bases of unit price. The unit price expressed in IT104 is always in the same terms as the unit of measure in IT103, unless otherwise specified in IT105. <u>Code</u> <u>Name</u> CA Catalog NC No Charge PE Price per Each PR Promotion	O	ID	2/2	Used

		<u>Code</u>	<u>Name</u>			
		SR	Suggested Retail			
IT106	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
		<u>Code</u>	<u>Name</u>			
		A1	Plant Equipment Number			
			Description: <i>Item identifier is a plant equipment number</i>			
		B1	Volume Set			
		B2	Library of Congress Code			
		B3	Edition Code			
		B4	Binding Code			
		B5	Title Code			
		B6	Author Code			
		B7	Publisher Code			
		BN	Bar-Coded Serial Number			
		CB	Buyer's Catalog Number			
		EN	European Article Number (EAN) (2-5-5-1)			
			User:			
			ISBN-13			
		GC	Grade Code			
		IB	International Standard Book Number (ISBN)			
		NC	Treasury Management Association			
		PL	Purchaser's Order Line Number			
		PO	Purchase Order Number			
		PR	Process Number			
		RT	Reel Type			
		UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)			
			Description: <i>A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit</i>			
			User:			
			UCC/EAN-14			
		VN	Vendor's (Seller's) Item Number			
		ZZ	Mutually Defined			
IT107	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						
IT108	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
IT109	234	Product/Service ID	X	AN	1/48	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Identifying number for a product or service				
IT110	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
IT111	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
IT112	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
IT113	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
IT114	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
IT115	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
IT116	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
IT117	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
IT118	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
IT119	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
IT120	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IT121	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48	Used
IT122	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID	2/2	Used
IT123	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48	Used
IT124	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID	2/2	Used
IT125	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48	Used

Syntax Rules:

1. P020304 - If either IT102, IT103 or IT104 are present, then the others are required.
2. P0607 - If either IT106 or IT107 is present, then the other is required.
3. P0809 - If either IT108 or IT109 is present, then the other is required.
4. P1011 - If either IT110 or IT111 is present, then the other is required.
5. P1213 - If either IT112 or IT113 is present, then the other is required.
6. P1415 - If either IT114 or IT115 is present, then the other is required.
7. P1617 - If either IT116 or IT117 is present, then the other is required.
8. P1819 - If either IT118 or IT119 is present, then the other is required.
9. P2021 - If either IT120 or IT121 is present, then the other is required.
10. P2223 - If either IT122 or IT123 is present, then the other is required.
11. P2425 - If either IT124 or IT125 is present, then the other is required.

Semantics:

1. IT101 is the purchase order line item identification.

Comments:

1. Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
2. IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

User:

This IT1 loop, within the ADX loop, is the adjustment line item detail loop.

This segment identifies line items on the preceding ADX segment.

SE Transaction Set Trailer

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

User Option (Usage): Required

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments	M	N0	1/10	Required
		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	Required
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				
		User: <i>This must be the same number as in the ST segment (ST02) for the transaction set.</i>				

Comments:

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