

# 820 Remittance Advice

**820 ANSI X12 004010**

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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:**

<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	ST	Transaction Set Header	M	1			Must use
020	BPR	Beginning Segment for Payment Order/Remittance Advice	M	1			Must use
040	CUR	Currency	M	1		C1/040	Used
050	REF	Reference Identification	M	>1			Used
060	DTM	Date/Time Reference	M	>1			Used
<b>LOOP ID - N1</b>					<b>&gt;1</b>	<b>C1/070L</b>	
070	N1	Name	O	1		C1/070	Used
080	N2	Additional Name Information	O	>1			Used
090	N3	Address Information	O	>1			Used
100	N4	Geographic Location	O	1			Used

**Detail:**

<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>
<b>LOOP ID - ENT</b>					<b>&gt;1</b>	<b>CN2/010L</b>	
010	ENT	Entity	M	1		CN2/010	Used
<b>LOOP ID - RMR</b>					<b>&gt;1</b>	<b>C2/080L</b>	
080	RMR	Remittance Account reference	M	1		C2/080	Used
<b>LOOP ID - REF</b>					<b>&gt;1</b>		
110	REF	Reference Identification	M	1			Used
120	DTM	Date/Time Reference	M	>1			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			Must use

**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.
- 2/280L The TXP loop is for tax payments.
- 2/280 The TXP loop is for tax payments.
- 2/287L The DED loop is for child support payments.
- 2/287 The DED loop is for child support payments.
- 2/290L The LX loop is for pension payments.
- 2/290 The LX loop is for pension payments.
- 2/360L The N9 loop is for payroll payments.

- 2/360 The N9 loop is for payroll payments.
- 2/450L The RYL loop is for royalty payments.
- 2/450 The RYL loop is for royalty 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 NMI 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 NMI 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.
- 2/370L The AMT segment can be used to provide information about allocation or distribution of gross pay that is split across multiple payment orders.
- 2/370 The AMT segment can be used to provide information about allocation or distribution of gross pay that is split across multiple payment orders.

# ST Transaction Set Header

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

**User Option (Usage):** Must use

**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	<b>Transaction Set Identifier Code</b>	M	ID	3/3	Must use
<b>Description:</b> Code uniquely identifying a Transaction Set <b>All valid standard codes are used. (Total Codes: 298)</b>						
ST02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
<b>Description:</b> 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).

# BPR Beginning Segment for Payment Order/Remittance Advice

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

**User Option (Usage):** Must use

**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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BPR01	305	<b>Transaction Handling Code</b>	M	ID	1/2	Must use
<b>Description:</b> Code designating the action to be taken by all parties <b>All valid standard codes are used. (Total Codes: 23, Included: 1)</b>						
<b>I – Remittance information</b>						
BPR02	782	<b>Monetary Amount</b>	M	R	1/18	Must use
<b>Description:</b> Monetary amount						
BPR03	478	<b>Credit/Debit Flag Code</b>	M	ID	1/1	Must use
<b>Description:</b> Code indicating whether amount is a credit or debit <b>All valid standard codes are used. (Total Codes: 2)</b>						
<b>D- Debit, C- Credit</b>						
BPR04	591	<b>Payment Method Code</b>	M	ID	3/3	Must use
<b>Description:</b> Code identifying the method for the movement of payment instructions <b>All valid standard codes are used. (Total Codes: 54, Included: 1)</b>						
<b>ZZZ – Mutually Defined</b>						
BPR05	812	<b>Payment Format Code</b>	O	ID	1/10	Used
<b>Description:</b> Code identifying the payment format to be used <b>All valid standard codes are used. (Total Codes: 10)</b>						
BPR06	506	<b>(DFI) ID Number Qualifier</b>	X	ID	2/2	Used
<b>Description:</b> Code identifying the type of identification number of Depository Financial Institution (DFI) <b>All valid standard codes are used. (Total Codes: 5, Included:1)</b>						
<b>02 – Swift Identification</b>						
BPR07	507	<b>(DFI) Identification Number</b>	M	AN	3/12	Used
<b>Description:</b> Depository Financial Institution (DFI) identification number						
BPR08	569	<b>Account Number Qualifier</b>	M	ID	1/3	Used
<b>Description:</b> Code indicating the type of account <b>All valid standard codes are used. (Total Codes: 40, Included: 1)</b>						
<b>ZZZ – Mutually Defined</b>						
BPR09	508	<b>Account Number</b>	X	AN	1/35	Used
<b>Description:</b> 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.



# 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	Must use

**Description:** Code identifying an organizational entity, a physical location, property or an individual  
**All valid standard codes are used. (Total Codes: 1312)**

CUR02	100	Currency Code	M	ID	3/3	Must use
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**Description:** Code (Standard ISO) for country in whose currency the charges are specified

## Comments:

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

# 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	M	ID	2/3	Must use

**Description:** Code qualifying the Reference Identification  
**All valid standard codes are used. (Total Codes: 1503, Included: 3)**

- H9 – Payment history reference
- VR – Vendor ID Number
- ZA – Supplier

REF02	127	Reference Identification	X	AN	1/30	Used
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**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: 6

**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	Must use

**Description:** Code specifying type of date or time, or both date and time  
**All valid standard codes are used. (Total Codes: 1112, Included: 1)**

### 388 – Payment Commencement

DTM02	373	Date	X	DT	8/8	Used
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**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.

# Loop Name

<b>Pos: 070</b>	<b>Repeat: &gt;1</b>
<b>Optional</b>	
<b>Loop: N1</b>	<b>Elements: N/A</b>

**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
100	N4	Geographic Location	O	1		Used
110	REF	Reference Identification	O	>1		Used
120	PER	Administrative Communications Contact	O	>1		Used
130	RDM	Remittance Delivery Method	O	1		Used
140	DTM	Date/Time Reference	O	1		Used

**N1****Name**

<b>Pos: 070</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 6</b>

**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	<b>Entity Identifier Code</b>	M	ID	2/3	Must use
		<b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual <b>All valid standard codes are used. (Total Codes: 1312)</b>				
N102	93	<b>Name</b>	X	AN	1/60	Used
		<b>Description:</b> Free-form name				
N103	66	<b>Identification Code Qualifier</b>	X	ID	1/2	Used
		<b>Description:</b> Code designating the system/method of code structure used for Identification Code (67) <b>All valid standard codes are used. (Total Codes: 215)</b>				
N104	67	<b>Identification Code</b>	X	AN	2/80	Used
		<b>Description:</b> Code identifying a party or other code				
N105	706	<b>Entity Relationship Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code describing entity relationship <b>All valid standard codes are used. (Total Codes: 96)</b>				
N106	98	<b>Entity Identifier Code</b>	O	ID	2/3	Used
		<b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual <b>All valid standard codes are used. (Total Codes: 1312)</b>				

**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.

# N2 Additional Name Information

Pos: 080	Max: >1
Heading - Optional	
Loop: N1	Elements: 2

**User Option (Usage):** Used

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

## 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>
N201	93	Name	M	AN	1/60	Must use
		<b>Description:</b> Free-form name				
N202	93	Name	O	AN	1/60	Used
		<b>Description:</b> Free-form name				

# N3 Address Information

Pos: 090	Max: >1
Heading - Optional	
Loop: N1	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify the location of the named party

## 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>
N301	166	Address Information	M	AN	1/55	Must use
		<b>Description:</b> Address information				
N302	166	Address Information	O	AN	1/55	Used
		<b>Description:</b> Address information				

**N4****Geographic Location**

<b>Pos: 100</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 6</b>

**User Option (Usage):** Used**Purpose:** To specify the geographic place of the named party**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>
N401	19	<b>City Name</b>	O	AN	2/30	Used
		<b>Description:</b> Free-form text for city name				
N402	156	<b>State or Province Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency				
N403	116	<b>Postal Code</b>	O	ID	3/15	Used
		<b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	<b>Country Code</b>	O	ID	2/3	Used
		<b>Description:</b> Code identifying the country				
N405	309	<b>Location Qualifier</b>	X	ID	1/2	Used
		<b>Description:</b> Code identifying type of location <b>All valid standard codes are used. (Total Codes: 172)</b>				
N406	310	<b>Location Identifier</b>	O	AN	1/30	Used
		<b>Description:</b> Code which identifies a specific location				

**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.

# Loop Entity

<b>Pos: 010</b>	<b>Repeat: &gt;1</b>
<b>Mandatory</b>	
<b>Loop: ENT</b>	<b>Elements: N/A</b>

**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
150		Loop RMR	O		>1	Used

# ENT Entity

<b>Pos: 010</b>	<b>Max: 1</b>
<b>Detail - Mandatory</b>	
<b>Loop: ENT</b>	<b>Elements: 9</b>

**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	M	N0	1/6	Used

**Description:** Number assigned for differentiation within a transaction set



# Loop Remittance Advice Accounts Receivable Open Item Reference

Pos: 150 Repeat: >1  
Mandatory  
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

# RMR Remittance Advice Accounts Receivable Open Item Reference

Pos: 150 Max: 1  
Detail - Mandatory  
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	M	ID	2/3	Used

**Description:** Code qualifying the Reference Identification  
**All valid standard codes are used. (Total Codes: 1503,Included: 1)**  
IV - Seller Invoice number

RMR02	127	Reference Identification	X	AN	1/30	Used
<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						
RMR03	482	Payment Action Code	O	ID	2/2	Used
<b>Description:</b> Code specifying the accounts receivable open item(s), if any, to be included in the cash application. <b>All valid standard codes are used. (Total Codes: 9)</b>						
RMR04	782	Monetary Amount	M	R	1/18	Used
<b>Description:</b> Monetary amount						
RMR05	782	Monetary Amount	M	R	1/18	Used
<b>Description:</b> Monetary amount						
RMR06	782	Monetary Amount	O	R	1/18	Used
<b>Description:</b> Monetary amount						
RMR07	426	Adjustment Reason Code	X	ID	2/2	Used

**Description:** Code indicating reason for debit or credit memo or adjustment to invoice, debit or credit memo, or payment

**All valid standard codes are used. (Total Codes: 370)**

RMR08	782	<b>Monetary Amount</b>	X	R	1/18	Used
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**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.

### 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.

# 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	Must use

**Description:** Code qualifying the Reference Identification  
**All valid standard codes are used. (Total Codes: 1503, Included: 1)**

PO - Purchase Order Number

REF02	127	Reference Identification	X	AN	1/30	Used
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**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.

# DTM Date/Time Reference

Pos: 180	Max: >1
Detail - Optional	
Loop: RMR	Elements: 6

**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	Must use

**Description:** Code specifying type of date or time, or both date and time  
**All valid standard codes are used. (Total Codes: 1112, Included: 1)**

### 003 – Invoice

DTM02	373	Date	X	DT	8/8	Used
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**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.

# SE Transaction Set Trailer

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

**User Option (Usage):** Must use

**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	Must use

**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
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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

## Comments:

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

**SAMPLE 1:**

ISA\*00\* \*00\* \*ZZ\*941714834VANT \*ZZ\*MAXIMACTG  
\*150427\*2055\*U\*00401\*000000050\*1\*T\*!  
GS\*RA\*9417148340312\*MAXIMACTG\*20150427\*2055\*41\*X\*004010'  
ST\*820\*272055115'  
BPR\*I\*1\*D\*ZZ\*\*\*\*\*Z\*02900011'  
CUR\*BY\*USD'  
REF\*VR\*SPD000733'  
REF\*ZA\*TAIYO YUDEN(S) PTE LTD'  
REF\*H9\*1632'  
DTM\*388\*20150330'  
N1\*BY\*FLEXTRONICS TECHNOLOGY(PENANG) SDN BHD (201794-V) (PLANT 1) '  
N1\*SE\*TAIYO YUDEN (S) PTE LTD 3 INTERNATIONAL BUSINESS PARK NORDI'  
N1\*Z9\*SUMITOMO MITSUI BANKING CORPORATION'  
N4\*\*\*\*\*SG'  
ENT\*1'  
RMR\*IV\*4100573819\*\*1\*1'  
REF\*PO\*J6A054930'  
DTM\*003\*20131209'  
SE\*16\*272055115'  
GE\*1\*41'  
IEA\*1\*000000050'

**SAMPLE 2:**

ISA\*00\* \*00\* \*ZZ\*941714834VANT \*ZZ\*MAXIMACTG  
\*150427\*2054\*U\*00401\*000000048\*1\*T\*!  
GS\*RA\*9417148340312\*MAXIMACTG\*20150427\*2054\*39\*X\*004010'  
ST\*820\*272054113'  
BPR\*I\*1\*D\*ZZ\*\*02\*ABNAIE2D\*Z\*50025740'  
CUR\*BY\*USD'  
REF\*VR\*SP0000046'  
REF\*ZA\*MOLEX SA'  
REF\*H9\*4911'  
DTM\*388\*20150324'  
N1\*BY\*FLEXTRONICS INTL CORK BV PCBA\_IRELAND\_486 KILBARRY IND ESTAT'  
N1\*SE\*MOLEX SA MOLEX DEUTSCHLAND GMBH FELIX-WANKEL-STR. HEILBRONN'  
N1\*Z9\*ABN AMRO'  
N4\*\*\*\*IE'  
ENT\*1'  
RMR\*IV\*1MKI\*\*1\*1'  
DTM\*003\*20150324'  
RMR\*IV\*1CFV\*\*2\*2'  
DTM\*003\*20150324'  
SE\*17\*272054113'  
GE\*1\*39'  
IEA\*1\*000000048'

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