

CVS/Caremark

Implementation Guide

**860 – Domestic Purchase Order
Change request**

Version X12-4010

Table of Contents

| | | |
|------------|--|----|
| 860 | Purchase Order Change Request - Buyer Initiated | 1 |
| ISA | Interchange Control Header | 3 |
| GS | Functional Group Header | 4 |
| ST | Transaction Set Header | 6 |
| BCH | Beginning Segment for Purchase Order Change | 7 |
| REF | Reference Identification | 8 |
| PER | Administrative Communications Contact | 9 |
| DTM | Date/Time Reference | 10 |
| N1 | Loop Name | 11 |
| N1 | Name | 12 |
| POC | Loop Line Item Change | 13 |
| POC | Line Item Change | 14 |
| PAM | Period Amount | 18 |
| PID | Loop Product/Item Description | 19 |
| PID | Product/Item Description | 20 |
| PO4 | Item Physical Details | 21 |
| CTT | Loop Transaction Totals | 22 |
| CTT | Transaction Totals | 23 |
| SE | Transaction Set Trailer | 24 |
| GE | Functional Group Trailer | 25 |
| IEA | Interchange Control Trailer | 26 |

860

Purchase Order Change Request - Buyer Initiated

Functional Group=PC

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Change Request - Buyer Initiated Transaction Set (860) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the information required for the customary and established business and industry practice relative to a purchase order change. This transaction can be used: (1) by a buyer to request a change to a previously submitted purchase order or (2) by a buyer to confirm acceptance of a purchase order change initiated by the seller or by mutual agreement of the two parties.

Not Defined:

| <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> |
|------------|-----------|----------------------------|------------|----------------|---------------|--------------|--------------|
| | ISA | Interchange Control Header | M | 1 | | | Must use |
| | GS | Functional Group Header | M | 1 | | | Must use |

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 | BCH | Beginning Segment for Purchase Order Change | M | 1 | | | Must use |
| 050 | REF | Reference Identification | O | >1 | | | Must use |
| 060 | PER | Administrative Communications Contact | O | 3 | | | Must use |
| 150 | DTM | Date/Time Reference | O | 10 | | | Must use |
| LOOP ID - NI | | | | | 200 | | |
| 300 | NI | Name | O | 1 | | | Must use |

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> |
|----------------------|-----------|--------------------------|------------|----------------|---------------|--------------|--------------|
| LOOP ID - POC | | | | | ≥1 | | |
| 010 | POC | Line Item Change | O | 1 | | | Must use |
| 041 | PAM | Period Amount | O | 10 | | | Must use |
| LOOP ID - PID | | | | | 1000 | | |
| 050 | PID | Product/Item Description | O | 1 | | | Must use |
| 090 | PO4 | Item Physical Details | O | >1 | | | Must use |

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> |
|----------------------|-----------|-------------------------|------------|----------------|---------------|----------------|--------------|
| LOOP ID - CTT | | | | | 1 | N3/010L | |
| 010 | CTT | Transaction Totals | O | 1 | | N3/010 | Must use |
| 030 | SE | Transaction Set Trailer | M | 1 | | | Must use |

Not Defined:

| <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> |
|------------|-----------|-----------------------------|------------|----------------|---------------|--------------|--------------|
| | GE | Functional Group Trailer | M | 1 | | | Must use |
| | IEA | Interchange Control Trailer | M | 1 | | | Must use |

Notes:

- 3/010L Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.
- 3/010 Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.

ISA Interchange Control Header

| | |
|--------------------------------|---------------------|
| Pos: | Max: 1 |
| Not Defined - Mandatory | |
| Loop: N/A | Elements: 16 |

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control 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> |
|------------|-----------|-------------------------------------|------------|-------------|----------------|--------------|
| ISA01 | I01 | Authorization Information Qualifier | M | ID | 2/2 | Must use |

Description: Code to identify the type of information in the Authorization Information

CodeList Summary (Total Codes: 7, Included: 1)

| <u>Code</u> | <u>Name</u> |
|-------------|---|
| 00 | No Authorization Information Present (No Meaningful Information in I02) |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---------------------------|------------|-------------|----------------|--------------|
| ISA02 | I02 | Authorization Information | M | AN | 10/10 | Must use |

Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)

| | | | | | | |
|-------|-----|--------------------------------|---|----|-----|----------|
| ISA03 | I03 | Security Information Qualifier | M | ID | 2/2 | Must use |
|-------|-----|--------------------------------|---|----|-----|----------|

Description: Code to identify the type of information in the Security Information

CodeList Summary (Total Codes: 2, Included: 1)

| <u>Code</u> | <u>Name</u> |
|-------------|--|
| 00 | No Security Information Present (No Meaningful Information in I04) |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|----------------------|------------|-------------|----------------|--------------|
| ISA04 | I04 | Security Information | M | AN | 10/10 | Must use |

Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)

| | | | | | | |
|-------|-----|--------------------------|---|----|-----|----------|
| ISA05 | I05 | Interchange ID Qualifier | M | ID | 2/2 | Must use |
|-------|-----|--------------------------|---|----|-----|----------|

Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

CodeList Summary (Total Codes: 38, Included: 1)

| <u>Code</u> | <u>Name</u> |
|-------------|------------------|
| ZZ | Mutually Defined |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|-----------------------|------------|-------------|----------------|--------------|
| ISA06 | I06 | Interchange Sender ID | M | AN | 15/15 | Must use |

Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element

| | | | | | | |
|-------|-----|--------------------------|---|----|-----|----------|
| ISA07 | I05 | Interchange ID Qualifier | M | ID | 2/2 | Must use |
|-------|-----|--------------------------|---|----|-----|----------|

Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

CodeList Summary (Total Codes: 38, Included: 1)

| <u>Code</u> | <u>Name</u> |
|-------------|-------------------------|
| 01 | Duns (Dun & Bradstreet) |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|-------------------------|------------|-------------|----------------|--------------|
| ISA08 | I07 | Interchange Receiver ID | M | AN | 15/15 | Must use |

Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them

ISA09 I08 **Interchange Date** M DT 6/6 Must use

Description: Date of the interchange

ISA10 I09 **Interchange Time** M TM 4/4 Must use

Description: Time of the interchange

ISA11 I10 **Interchange Control Standards Identifier** M ID 1/1 Must use

Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer
All valid standard codes are used. (Total Codes: 1)

ISA12 I11 **Interchange Control Version Number** M ID 5/5 Must use

Description: Code specifying the version number of the interchange control segments

CodeList Summary (Total Codes: 14, Included: 1)

| <u>Code</u> | <u>Name</u> |
|-------------|------------------------------------|
| 00400 | Standard Issued as ANSI X12.5-1997 |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|-----------------------------------|------------|-------------|----------------|--------------|
| ISA13 | I12 | Interchange Control Number | M | N0 | 9/9 | Must use |

Description: A control number assigned by the interchange sender

ISA14 I13 **Acknowledgment Requested** M ID 1/1 Must use

Description: Code sent by the sender to request an interchange acknowledgment (TA1)

CodeList Summary (Total Codes: 2, Included: 1)

| <u>Code</u> | <u>Name</u> |
|-------------|-----------------------------|
| 0 | No Acknowledgment Requested |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|------------------------|------------|-------------|----------------|--------------|
| ISA15 | I14 | Usage Indicator | M | ID | 1/1 | Must use |

Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information

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

| <u>Code</u> | <u>Name</u> |
|-------------|-----------------|
| P | Production Data |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|------------------------------------|------------|-------------|----------------|--------------|
| ISA16 | I15 | Component Element Separator | M | | 1/1 | Must use |

Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator

GS Functional Group Header

| | |
|--------------------------------|--------------------|
| Pos: | Max: 1 |
| Not Defined - Mandatory | |
| Loop: N/A | Elements: 8 |

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control 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> |
|------------|-----------|-----------------------------------|------------|-------------|----------------|--------------|
| GS01 | 479 | Functional Identifier Code | M | ID | 2/2 | Must use |

Description: Code identifying a group of application related transaction sets

CodeList Summary (Total Codes: 240, Included: 1)

| <u>Code</u> | <u>Name</u> |
|-------------|---|
| PC | Purchase Order Change Request - Buyer Initiated (860) |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|----------------------------------|------------|-------------|----------------|--------------|
| GS02 | 142 | Application Sender's Code | M | AN | 2/15 | Must use |

Description: Code identifying party sending transmission; codes agreed to by trading partners

| | | | | | | |
|------|-----|------------------------------------|---|----|------|----------|
| GS03 | 124 | Application Receiver's Code | M | AN | 2/15 | Must use |
|------|-----|------------------------------------|---|----|------|----------|

Description: Code identifying party receiving transmission; codes agreed to by trading partners

| | | | | | | |
|------|-----|-------------|---|----|-----|----------|
| GS04 | 373 | Date | M | DT | 8/8 | Must use |
|------|-----|-------------|---|----|-----|----------|

Description: Date expressed as CCYYMMDD

| | | | | | | |
|------|-----|-------------|---|----|-----|----------|
| GS05 | 337 | Time | M | TM | 4/8 | Must use |
|------|-----|-------------|---|----|-----|----------|

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)

| | | | | | | |
|------|----|-----------------------------|---|----|-----|----------|
| GS06 | 28 | Group Control Number | M | N0 | 1/9 | Must use |
|------|----|-----------------------------|---|----|-----|----------|

Description: Assigned number originated and maintained by the sender

| | | | | | | |
|------|-----|--------------------------------|---|----|-----|----------|
| GS07 | 455 | Responsible Agency Code | M | ID | 1/2 | Must use |
|------|-----|--------------------------------|---|----|-----|----------|

Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

CodeList Summary (Total Codes: 2, Included: 1)

| <u>Code</u> | <u>Name</u> |
|-------------|------------------------------------|
| X | Accredited Standards Committee X12 |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| GS08 | 480 | Version / Release / Industry Identifier Code | M | AN | 1/12 | Must use |

Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

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

| <u>Code</u> | <u>Name</u> |
|-------------|--|
| 004010 | Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997 |

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

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 | Transaction Set Identifier Code | M | ID | 3/3 | Must use |

Description: Code uniquely identifying a Transaction Set

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

| <u>Code</u> | <u>Name</u> |
|-------------|---|
| 860 | Purchase Order Change Request - Buyer Initiated |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|--------------------------------|------------|-------------|----------------|--------------|
| ST02 | 329 | Transaction Set Control Number | M | AN | 4/9 | Must use |

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

Semantics:

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

BCH Beginning Segment for Purchase Order Change

| | |
|---------------------|-------------|
| Pos: 020 | Max: 1 |
| Heading - Mandatory | |
| Loop: N/A | Elements: 5 |

User Option (Usage): Must use

Purpose: To indicate the beginning of the Purchase Order Change Transaction Set and transmit identifying numbers and dates

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> |
|------------|-----------|------------------------------|------------|-------------|----------------|--------------|
| BCH01 | 353 | Transaction Set Purpose Code | M | ID | 2/2 | Must use |

Description: Code identifying purpose of transaction set

CodeList Summary (Total Codes: 65, Included: 1)

| <u>Code</u> | <u>Name</u> |
|-------------|---|
| 01 | Cancellation |
| 53 | Completion – Close the PO with the date sent in BCH11 |
| SU | Status Update |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|--------------------------|------------|-------------|----------------|--------------|
| BCH02 | 92 | Purchase Order Type Code | M | ID | 2/2 | Must use |

Description: Code specifying the type of Purchase Order

CodeList Summary (Total Codes: 69, Included: 2)

| <u>Code</u> | <u>Name</u> |
|-------------|---|
| CP | Change to Purchase Order – for Regular Purchase Order |
| ZZ | Mutually Defined - for Back Order |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|-----------------------|------------|-------------|----------------|--------------|
| BCH03 | 324 | Purchase Order Number | M | AN | 1/22 | Must use |

Description: Identifying number for Purchase Order assigned by the orderer/purchaser

| | | | | | | |
|-------|-----|------|---|----|-----|----------|
| BCH06 | 373 | Date | M | DT | 8/8 | Must use |
|-------|-----|------|---|----|-----|----------|

Description: Date expressed as CCYYMMDD

| | | | | | | |
|-------|-----|------|---|----|-----|----------|
| BCH11 | 373 | Date | O | DT | 8/8 | Must use |
|-------|-----|------|---|----|-----|----------|

Description: Date expressed as CCYYMMDD

Semantics:

1. BCH06 is the date assigned by the purchaser to purchase order.
2. BCH09 is the seller's order number.
3. BCH10 is the date assigned by the sender to the acknowledgment.
4. BCH11 is the date of the purchase order change request.

REF Reference Identification

Pos: 050 Max: >1
 Heading - Optional
 Loop: N/A Elements: 3

User Option (Usage): Must use
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 | AN | 2/3 | Must use |

Description: Code qualifying the Reference Identification

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

| <u>Code</u> | <u>Name</u> |
|-------------|------------------|
| VR | Vendor ID Number |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|--------------------------|------------|-------------|----------------|--------------|
| REF02 | 127 | Reference Identification | X | AN | 1/30 | Must use |

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

Vendor Number assigned by CVS

| | | | | | | |
|-------|-----|-------------|---|----|------|----------|
| REF03 | 352 | Description | X | AN | 1/80 | Must use |
|-------|-----|-------------|---|----|------|----------|

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

PO REF 1

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.

PER Administrative Communications Contact

| | |
|--------------------|-------------|
| Pos: 060 | Max: 3 |
| Heading - Optional | |
| Loop: N/A | Elements: 3 |

User Option (Usage): Must use

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

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> |
|--|-----------|---------------------------|--------------------------|-------------|----------------|--------------|
| PER01 | 366 | Contact Function Code | M | ID | 2/2 | Must use |
| Description: Code identifying the major duty or responsibility of the person or group named | | | | | | |
| CodeList Summary (Total Codes: 230, Included: 1) | | | | | | |
| | | <u>Code</u> | <u>Name</u> | | | |
| | | BD | Buyer Name or Department | | | |
| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
| PER02 | 93 | Name | O | AN | 1/60 | Must use |
| Description: Free-form name | | | | | | |
| Buyer Code | | | | | | |
| PER09 | 443 | Contact Inquiry Reference | O | AN | 1/20 | Must use |
| Description: Additional reference number or description to clarify a contact number | | | | | | |

Syntax Rules:

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

DTM Date/Time Reference

| | |
|--------------------|-------------|
| Pos: 150 | Max: 10 |
| Heading - Optional | |
| Loop: N/A | Elements: 2 |

User Option (Usage): Must use

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

CodeList Summary (Total Codes: 1112, Included: 8)

| <u>Code</u> | <u>Name</u> |
|-------------|---|
| 002 | Delivery Requested |
| 069 | Promised for Delivery – Old Delivery Date |
| | Will be sent only if Old Delivery date is not = to zero |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---------------------|------------|-------------|----------------|--------------|
| DTM02 | 373 | Date | X | DT | 8/8 | Must use |

Description: Date expressed as CCYYMMDD

Delivery Date

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: 300 | Repeat: 200 |
| | Optional |
| Loop: N1 | Elements: N/A |

User Option (Usage): Must use

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> |
|------------|-----------|---------------------|------------|----------------|---------------|--------------|
| 300 | N1 | Name | O | 1 | | Must use |

N1 Name

| | |
|---------------------------|--------------------|
| Pos: 300 | Max: 1 |
| Heading - Optional | |
| Loop: N1 | Elements: 4 |

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

Description: Code identifying an organizational entity, a physical location, property or an individual**CodeList Summary** (Total Codes: 1312, Included: 3)

| <u>Code</u> | <u>Name</u> |
|-------------|-------------|
| ST | Ship To |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---------------------|------------|-------------|----------------|--------------|
| N102 | 93 | Name | X | AN | 1/60 | Used |

Description: Free-form name

CVS

| | | | | | | |
|------|----|-------------------------------|---|----|-----|----------|
| N103 | 66 | Identification Code Qualifier | X | ID | 1/2 | Must use |
|------|----|-------------------------------|---|----|-----|----------|

Description: Code designating the system/method of code structure used for Identification Code (67)**CodeList Summary** (Total Codes: 215, Included: 1)

| <u>Code</u> | <u>Name</u> |
|-------------|-------------|
| 54 | Warehouse |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---------------------|------------|-------------|----------------|--------------|
| N104 | 67 | Identification Code | X | AN | 2/80 | Must use |

Description: Code identifying a party or other code

DC Code

Syntax Rules:

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

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Loop Line Item Change

| | |
|-----------------|----------------------|
| Pos: 010 | Repeat: >1 |
| | Optional |
| Loop: | Elements: |
| POC | N/A |

User Option (Usage): Must use

Purpose: To specify changes to a line item

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 | POC | Line Item Change | O | 1 | | Must use |
| 041 | PAM | Period Amount | O | 10 | | Must use |
| 050 | | Loop PID | O | | 1000 | Must use |
| 090 | PO4 | Item Physical Details | O | >1 | | Must use |

POC Line Item Change

| | |
|--------------------------|---------------------|
| Pos: 010 | Max: 1 |
| Detail - Optional | |
| Loop: POC | Elements: 15 |

User Option (Usage): Must use
Purpose: To specify changes to a line item

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> |
|------------|-----------|------------------------------|------------|-------------|----------------|--------------|
| POC02 | 670 | Change or Response Type Code | M | ID | 2/2 | Must use |

Description: Code specifying the type of change to the line item

CodeList Summary (Total Codes: 29, Included: 2)

| <u>Code</u> | <u>Name</u> |
|-------------|--|
| AI | Add Additional Item(s) |
| DI | Delete Item(s) |
| CA | Changes To Line Items |
| NC | Concurrent Item (No Change) |
| CF | Cancel Previously Transmitted Purchase Order |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---------------------|------------|-------------|----------------|--------------|
| POC03 | 330 | Quantity Ordered | O | R | 1/15 | Must use |

Description: Quantity ordered

| | | | | | | |
|-------|-----|--------------------------|---|---|-----|----------|
| POC04 | 671 | Quantity Left to Receive | X | R | 1/9 | Must use |
|-------|-----|--------------------------|---|---|-----|----------|

Description: Quantity left to receive as qualified by the unit of measure
 Required field – ignore, will always be zero

| | | | | | | |
|-------|------|---------------------------|---|------|--|----------|
| POC05 | C001 | Composite Unit of Measure | X | Comp | | Must use |
|-------|------|---------------------------|---|------|--|----------|

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

| | | | | | | |
|----------|-----|------------------------------------|---|----|-----|----------|
| POC05-01 | 355 | Unit or Basis for Measurement Code | M | ID | 2/2 | Must use |
|----------|-----|------------------------------------|---|----|-----|----------|

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

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

| <u>Code</u> | <u>Name</u> |
|-------------|-------------|
| CA | Case |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---------------------|------------|-------------|----------------|--------------|
| POC06 | 212 | Unit Price | X | R | 1/17 | Must use |

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

| | | | | | | |
|-------|-----|------------------------------|---|----|-----|----------|
| POC08 | 235 | Product/Service ID Qualifier | X | ID | 2/2 | Must use |
|-------|-----|------------------------------|---|----|-----|----------|

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

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

| <u>Code</u> | <u>Name</u> |
|-------------|-----------------------|
| PI | Purchaser's Item Code |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---------------------|------------|-------------|----------------|--------------|
| POC09 | 234 | Product/Service ID | X | AN | 1/48 | Must use |

Description: Identifying number for a product or service
 CVS Item Number

| | | | | | | |
|-------|-----|------------------------------|---|----|-----|-----|
| POC10 | 235 | Product/Service ID Qualifier | X | ID | 2/2 | 2/2 |
|-------|-----|------------------------------|---|----|-----|-----|

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

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

| <u>Code</u> | <u>Name</u> |
|-------------|---|
| UI | U.P.C. Consumer Package Code (1-5-5) |
| UD | U.P.C/EAN Consumer Package Code (2-5-5) |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---------------------|------------|-------------|----------------|--------------|
| POC11 | 234 | Product/Service ID | X | AN | 1/48 | Used |

Description: Identifying number for a product or service
Item UPC Number or EAN

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|------------------------------|------------|-------------|----------------|--------------|
| POC12 | 235 | Product/Service ID Qualifier | X | ID | 2/2 | 2/2 |

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

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

| <u>Code</u> | <u>Name</u> |
|-------------|------------------|
| ND | If RX – ND (NDC) |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|--|------------|-------------|----------------|--------------|
| POC13 | 234 | Product/Service ID Description: Identifying number for a product or service NDC if RX | X | AN | 1/48 | Used |

| | | | | | | |
|-------|-----|------------------------------|---|----|-----|------|
| POC14 | 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)

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

| <u>Code</u> | <u>Name</u> |
|-------------|---------------------------|
| PQ | Product ID Attribute Code |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---------------------|------------|-------------|----------------|--------------|
| POC15 | 234 | Product/Service ID | X | AN | 1/48 | Used |

Description: Identifying number for a product or service

01QTY and Regular Quantity (X07)
(01QTY0000099)

| | | | | | | |
|-------|-----|------------------------------|---|----|-----|------|
| POC16 | 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)

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

| <u>Code</u> | <u>Name</u> |
|-------------|---------------------------|
| PQ | Product ID Attribute Code |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---------------------|------------|-------------|----------------|--------------|
| POC17 | 234 | Product/Service ID | X | AN | Jan-48 | Used |

Description: Identifying number for a product or service

DLQTY and Deal Quantity (X7)
(DLQTY0000099)

| | | | | | | |
|-------|-----|-------------------------------------|---|----|-----|------|
| POC18 | 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)

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

| <u>Code</u> | <u>Name</u> |
|-------------|---------------------------|
| PQ | Product ID Attribute Code |

| | | | | | | |
|-------|-----|---------------------------|---|----|--------|------|
| POC19 | 234 | Product/Service ID | X | AN | Jan-48 | Used |
|-------|-----|---------------------------|---|----|--------|------|

Description: Identifying number for a product or service

Promo Event code (X5)QTY and Promo Quantity #(X7)
(00099QTY0000099)

| | | | | | | |
|-------|-----|-------------------------------------|---|----|-----|------|
| POC20 | 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)

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

| <u>Code</u> | <u>Name</u> |
|-------------|---------------------------|
| PQ | Product ID Attribute Code |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---------------------------|------------|-------------|----------------|--------------|
| POC21 | 234 | Product/Service ID | X | AN | 1/48 | Used |

Description: Identifying number for a product or service

Seasonal event code (X2)QTY and Seasonal quantity #(X7)
(XXQTY0000099)

| | | | | | | |
|-------|-----|-------------------------------------|---|----|-----|------|
| POC22 | 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> |
|------------|-----------|---------------------------|------------|-------------|----------------|--------------|
| POC23 | 234 | Product/Service ID | X | AN | 1/48 | Used |

Description: Identifying number for a product or service

| | | | | | | |
|-------|-----|-------------------------------------|---|----|-----|------|
| POC24 | 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> |
|------------|-----------|---------------------------|------------|-------------|----------------|--------------|
| POC25 | 234 | Product/Service ID | X | AN | 1/48 | Used |

Description: Identifying number for a product or service

Syntax Rules:

1. C030405 - If POC03 is present, then POC04 and POC05 are required.
2. C0706 - If POC07 is present, then POC06 is required.
3. P0809 - If either POC08 or POC09 is present, then the other is required.
4. P1011 - If either POC10 or POC11 is present, then the other is required.

5. P1213 - If either POC12 or POC13 is present, then the other is required.
6. P1415 - If either POC14 or POC15 is present, then the other is required.
7. P1617 - If either POC16 or POC17 is present, then the other is required.
8. P1819 - If either POC18 or POC19 is present, then the other is required.
9. P2021 - If either POC20 or POC21 is present, then the other is required.
10. P2223 - If either POC22 or POC23 is present, then the other is required.
11. P2425 - If either POC24 or POC25 is present, then the other is required.
12. P2627 - If either POC26 or POC27 is present, then the other is required.

Semantics:

1. POC01 is the purchase order line item identification.

PAM Period Amount

| | |
|-------------------|-------------|
| Pos: 041 | Max: 10 |
| Detail - Optional | |
| Loop: POC | Elements: 2 |

User Option (Usage): Must use

Purpose: To indicate a quantity, and/or amount for an identified period

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> |
|------------|-----------|-----------------------|------------|-------------|----------------|--------------|
| PAM04 | 522 | Amount Qualifier Code | X | ID | 1/3 | Must use |

Description: Code to qualify amount

CodeList Summary (Total Codes: 1473, Included: 1)

| <u>Code</u> | <u>Name</u> |
|-------------|-----------------|
| I | Line Item Total |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---------------------|------------|-------------|----------------|--------------|
| PAM05 | 782 | Monetary Amount | X | R | 1/18 | Must use |

Description: Monetary amount

Syntax Rules:

1. P010203 - If either PAM01, PAM02 or PAM03 are present, then the others are required.
2. R020514 - At least one of PAM02, PAM05 or PAM14 is required.
3. P0405 - If either PAM04 or PAM05 is present, then the other is required.
4. P0607 - If either PAM06 or PAM07 is present, then the other is required.
5. L070809 - If PAM07 is present, then at least one of PAM08 or PAM09 is required.
6. C0706 - If PAM07 is present, then PAM06 is required.
7. C0807 - If PAM08 is present, then PAM07 is required.
8. C0907 - If PAM09 is present, then PAM07 is required.
9. L101112 - If PAM10 is present, then at least one of PAM11 or PAM12 is required.
10. C1110 - If PAM11 is present, then PAM10 is required.
11. P1314 - If either PAM13 or PAM14 is present, then the other is required.

Semantics:

1. PAM10, PAM11, or PAM12 are used when two dates are required.
2. PAM15 indicates whether the monetary amount identified in PAM05 is a net or gross value. A "Y" indicates amount is a gross value; an "N" indicates amount is a net value.

Loop Product/Item Description

| | |
|------------------|----------------------|
| Pos: 050 | Repeat: 1000 |
| | Optional |
| Loop: PID | Elements: N/A |

User Option (Usage): Must use

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

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> |
|------------|-----------|--------------------------|------------|----------------|---------------|--------------|
| 050 | PID | Product/Item Description | O | 1 | | Must use |

PID**Product/Item Description**

| | |
|-------------------|-------------|
| Pos: 050 | Max: 1 |
| Detail - Optional | |
| Loop: PID | Elements: 4 |

User Option (Usage): Must use

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

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> |
|------------|-----------|-----------------------|------------|-------------|----------------|--------------|
| PID01 | 349 | Item Description Type | M | ID | 1/1 | Must use |

Description: Code indicating the format of a description

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

| <u>Code</u> | <u>Name</u> |
|-------------|---------------------------------|
| X | Semi-structured (Code and Text) |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|-----------------------|------------|-------------|----------------|--------------|
| PID03 | 559 | Agency Qualifier Code | X | ID | 2/2 | Must use |

Description: Code identifying the agency assigning the code values

CodeList Summary (Total Codes: 176, Included: 1)

| <u>Code</u> | <u>Name</u> |
|-------------|------------------|
| ZZ | Mutually Defined |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|--------------------------|------------|-------------|----------------|--------------|
| PID04 | 751 | Product Description Code | X | AN | 1/12 | Must use |

Description: A code from an industry code list which provides specific data about a product characteristic

| | | | | | | |
|-------|-----|-------------|---|----|------|----------|
| PID05 | 352 | Description | X | AN | 1/80 | Must use |
|-------|-----|-------------|---|----|------|----------|

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

Syntax Rules:

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

Semantics:

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

Comments:

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

PO4 Item Physical Details

| | |
|-------------------|-------------|
| Pos: 090 | Max: >1 |
| Detail - Optional | |
| Loop: POC | Elements: 1 |

User Option (Usage): Must use

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

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> |
|------------|-----------|---------------------|------------|-------------|----------------|--------------|
| PO401 | 356 | Pack | O | N0 | 1/6 | Must use |

Description: The number of inner containers, or number of eaches if there are no inner containers, per outer container
Case Pack

Syntax Rules:

1. P0203 - If either PO402 or PO403 is present, then the other is required.
2. C0506 - If PO405 is present, then PO406 is required.
3. P0607 - If either PO406 or PO407 is present, then the other is required.
4. P0809 - If either PO408 or PO409 is present, then the other is required.
5. C1013 - If PO410 is present, then PO413 is required.
6. C1113 - If PO411 is present, then PO413 is required.
7. C1213 - If PO412 is present, then PO413 is required.
8. L13101112 - If PO413 is present, then at least one of PO410, PO411 or PO412 is required.
9. C1716 - If PO417 is present, then PO416 is required.
10. C1804 - If PO418 is present, then PO404 is required.

Semantics:

1. PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
2. PO416 is the package identifier or the beginning package identifier in a range of identifiers.
3. PO417 is the ending package identifier in a range of identifiers.
4. PO418 is the number of packages in this layer.

Comments:

1. PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
2. PO413 defines the unit of measure for PO410, PO411, and PO412.

Loop Transaction Totals

| | |
|------------------|----------------------|
| Pos: 010 | Repeat: 1 |
| | Optional |
| Loop: CTT | Elements: N/A |

User Option (Usage): Must use

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

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 | CTT | Transaction Totals | O | 1 | | Must use |

CTT Transaction Totals

| | |
|--------------------|-------------|
| Pos: 010 | Max: 1 |
| Summary - Optional | |
| Loop: CTT | Elements: 1 |

User Option (Usage): Must use

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

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> |
|------------|-----------|----------------------|------------|-------------|----------------|--------------|
| CTT01 | 354 | Number of Line Items | M | N0 | 1/6 | Must use |

Description: Total number of line items in the transaction set

Syntax Rules:

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

Comments:

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

SE Transaction Set Trailer

| | |
|---------------------|-------------|
| Pos: 030 | 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 |
| | | 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.

GE Functional Group Trailer

| | |
|-------------------------|-------------|
| Pos: | Max: 1 |
| Not Defined - Mandatory | |
| Loop: N/A | Elements: 2 |

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control 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> |
|--|-----------|--|------------|-------------|----------------|--------------|
| GE01 | 97 | Number of Transaction Sets Included | M | N0 | 1/6 | Must use |
| Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element | | | | | | |
| GE02 | 28 | Group Control Number | M | N0 | 1/9 | Must use |
| Description: Assigned number originated and maintained by the sender | | | | | | |

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

| | |
|-------------------------|-------------|
| Pos: | Max: 1 |
| Not Defined - Mandatory | |
| Loop: N/A | Elements: 2 |

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control 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> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| IEA01 | I16 | Number of Included Functional Groups | M | N0 | 1/5 | Must use |
| | | Description: A count of the number of functional groups included in an interchange | | | | |
| IEA02 | I12 | Interchange Control Number | M | N0 | 9/9 | Must use |
| | | Description: A control number assigned by the interchange sender | | | | |

860 – Domestic PO Change Example:

ISA*00* *00* *ZZ*CVSD *01*Supplier ID*100201*1145*U*00400*00000188*0*P*^~
 GS*PC*CVSD*Supplier ID*20100201*1145*1*X*004010~
 ST*860*0001~
 BCH*SU*ZZ*9999999***20100106*****20100129~
 REF*VR*19999*29~
 PER*BD*KIMBERLY O'CONNOR*****9~
 DTM*002*20100119~
 N1*ST*54*E101~
 POC**CA*10*0*CA*.74**PI*123456*UI*0099999999*****PQ*LXQTY0000010~
 PAM***1*7~
 PID*X**ZZ*37*Item Description~
 PO4*12~
 POC**CA*14*0*CA*.52**PI*213456*UI*0999999999*****PQ*LXQTY0000014~
 PAM***1*7~
 PID*X**ZZ*36*Item Description~
 PO4*8~
 CTT*2~
 SE*15*0001~
 GE*1*1~
 IEA*1*000000188~