# Kroger EPRN - EDI 855 Purchase Order Acknowledgment

**EDI855 - Purchase Order Acknowledgment for Kroger Pharmacy EDI orders**

## Version: 4010 and 5010, Standards : X12

# 855 Purchase Order Acknowledgment

### Functional Group=PR

**Purpose:** This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to a seller's acknowledgment of a buyer's purchase order. This transaction set can also be used as notification of a vendor generated order. This usage advises a buyer that a vendor has or will ship merchandise as prearranged in their partnership.

## Heading:

| Pos | Id | Segment Name | Req | Max Use | Repeat | Notes | Usage |
|-----|-----|--------------|-----|---------|--------|-------|-------|
| 0200 | BAK | Beginning Segment for Purchase Order Acknowledgment | M | 1 | | | Must use |
| **LOOP ID - N1** | | | | | **200** | | |
| 3000 | N1 | Party Identification | O | 1 | | | Used |
| 3200 | N3 | Party Location | O | 2 | | | Used |
| 3300 | N4 | Geographic Location | O | 1 | | | Used |

## Detail:

| Pos | Id | Segment Name | Req | Max Use | Repeat | Notes | Usage |
|-----|-----|--------------|-----|---------|--------|-------|-------|
| **LOOP ID - PO1** | | | | | **100000** | **N2/0100L** | |
| 0100 | PO1 | Baseline Item Data | O | 1 | | | Used |
| **LOOP ID - PID** | | | | | **1000** | | |
| 0500 | PID | Product/Item Description | O | 1 | | | Used |
| **LOOP ID - ACK** | | | | | **104** | | |
| 2700 | ACK | Line Item Acknowledgment | O | 1 | | | Used |

## Summary:

| Pos | Id | Segment Name | Req | Max Use | Repeat | Notes | Usage |
|-----|-----|--------------|-----|---------|--------|-------|-------|
| **LOOP ID - CTT** | | | | | **1** | **N3/0100L** | |
| 0100 | CTT | Transaction Totals | O | 1 | | | Used |

## Data Sample:

```
ISA*00*      *00*      *01*1234567890    *ZZ*KROGEREPRN      *220508*2135*^*00501*019472127*0*P*>~
GS*PR*1234567890*KROGEREPRN*20220508*21353195*19436855*X*005010~
ST*855*0001~
BAK*06*AC*0006224*20220508~
N1*SE*SUPPLIER*91*191636844~
N3*SUPPLIER NAME~
N4*GREENSBORO*NC*27407-264~
N1*SN*THE KROGER*92*703299~
N1*ST*HARRIS TEETER PHARMACY 0212*11*00000000~
N3*400 MILL CREEK RD~
N4*CARTHAGE*NC*283276513~
PO1*1*1*EA*1033.2****N4*111111111111111*VC*5751805~
PID*F****AZATHIOPRINE TB 100MG 100~
ACK*IA*1*EA******N4*68382012001*VC*5751805~
CTT*1~
SE*14*0001~
```

*GE\*1\*19436855~*
*IEA\*1\*019472127~*

# BAK  Beginning Segment for Purchase Order Acknowledgment

**Pos: 0200          Max: 1**
**Heading - Mandatory**
**Loop: N/A          Elements: 4**

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

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

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|------------|-----|------|---------|-------|
| BAK01 | 353 | **Transaction Set Purpose Code** | M | ID | 2/2 | Must use |

**Description:** Code identifying purpose of transaction set

| Code | Name |
|------|------|
| 06 | Confirmation |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|------------|-----|------|---------|-------|
| BAK02 | 587 | **Acknowledgment Type** | M | ID | 2/2 | Must use |

**Description:** Code specifying the type of acknowledgment

| Code | Name |
|------|------|
| AC | Acknowledge - With Detail and Change |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|------------|-----|------|---------|-------|
| BAK03 | 324 | **Purchase Order Number** | M | AN | 1/22 | Must use |

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

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|------------|-----|------|---------|-------|
| BAK04 | 373 | **Date** | M | DT | 8/8 | Must use |

**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

## Data Sample:

*BAK*06*AC*0006224*20220508~*

# N1 Party Identification

**User Option (Usage):** Used

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

## Element Summary:

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

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

| Code | Name |
|------|------|
| SN | Store |
| ST | Ship To |

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

**Description:** Free-form name

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

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

| Code | Name |
|------|------|
| 11 | Drug Enforcement Administration (DEA) |
| 92 | Assigned by Buyer or Buyer's Agent |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|--------------|-----|------|---------|-------|
| N104 | 67 | **Identification Code** | X | AN | 2/80 | Used |

**Description:** Code identifying a party or other code

## Syntax Rules:

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

## Data Sample:

*N1*SN*THE KROGER CO*92*097212~ (Optional)*
*N1*ST*HARRIS TEETER PHARMACY 0212*11*000000~ (Mandatory)*

## Note::

*Store number N1*SN segment is an optional segment*

# N3  Party Location

<table>
<tr><td><strong>Pos: 3200</strong></td><td align="right"><strong>Max: 2</strong></td></tr>
<tr><td colspan="2" align="center"><strong>Heading - Optional</strong></td></tr>
<tr><td><strong>Loop: N1</strong></td><td align="right"><strong>Elements: 1</strong></td></tr>
</table>

**User Option (Usage):** Used

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

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| N301 | 166 | **Address Information** | M | AN | 1/55 | Must use |

**Description:** Address information

## Data Sample:

*N3*4 CARDINAL HEALTH COURT~*

# N4   Geographic Location

**Pos: 3300        Max: 1**
**Heading - Optional**
**Loop: N1        Elements: 3**

**User Option (Usage):** Used

**Purpose:** To specify the geographic place of the named party

## Element Summary:

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

**Description:** Free-form text for city name

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-----|-----|-----|-----|-----|
| N402 | 156 | **State or Province Code** | X | ID | 2/2 | Used |

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

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

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

## Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

## Data Sample:

*N4\*GREENSBORO\*NC\*27407-264~*

# PO1  Baseline Item Data

| Pos: 0100 | Max: 1 |
|---|---|
| **Detail - Optional** | |
| **Loop: PO1** | **Elements: 8** |

**User Option (Usage):** Used

**Purpose:** To specify basic and most frequently used line item data

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| PO101 | 350 | **Assigned Identification** | O | AN | 1/20 | Used |

**Description:** Alphanumeric characters assigned for differentiation within a transaction set

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| PO102 | 380 | **Quantity** | X | R | 1/15 | Used |

**Description:** Numeric value of quantity

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| PO103 | 355 | **Unit or Basis for Measurement Code** | O | ID | 2/2 | Used |

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

| Code | Name |
|---|---|
| EA | Each |
| UN | Unit |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| PO104 | 212 | **Unit Price** | X | R | 1/17 | Used |

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

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| PO108 | 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 |
|---|---|
| N4 | National Drug Code in 5-4-2 Format |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| PO109 | 234 | **Product/Service ID** | X | AN | 1/48 | Used |

**Description:** Identifying number for a product or service

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| PO110 | 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 |
|---|---|
| VC | Vendor's (Seller's) Catalog Number |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| PO111 | 234 | **Product/Service ID** | X | AN | 1/48 | Used |

**Description:** Identifying number for a product or service

## Syntax Rules:

1. C0302 - If PO103 is present, then PO102 is required.
2. C0504 - If PO105 is present, then PO104 is required.
3. P0607 - If either PO106 or PO107 is present, then the other is required.
4. P0809 - If either PO108 or PO109 is present, then the other is required.
5. P1011 - If either PO110 or PO111 is present, then the other is required.

  6.  P1213 - If either PO112 or PO113 is present, then the other is required.
  7.  P1415 - If either PO114 or PO115 is present, then the other is required.
  8.  P1617 - If either PO116 or PO117 is present, then the other is required.
  9.  P1819 - If either PO118 or PO119 is present, then the other is required.
10.  P2021 - If either PO120 or PO121 is present, then the other is required.
11.  P2223 - If either PO122 or PO123 is present, then the other is required.
12.  P2425 - If either PO124 or PO125 is present, then the other is required.

## Data Sample:

*PO1\*1\*1\*EA\*1033.2\*\*\*\*N4\*68382012001\*VC\*5751805~*

# PID  Product/Item Description

**User Option (Usage):** Used

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

## Element Summary:

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

**Description:** Code indicating the format of a description

| Code | Name |
|------|------|
| F | Free-form |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| PID05 | 352 | **Description** | X | AN | 1/80 | Used |

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

## Syntax Rules:

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

## Data Sample:

*PID*F****AZATHIOPRINE TB 100MG 100~*

# ACK   Line Item Acknowledgment

<table>
<tr><td>Pos: 2700                Max: 1</td></tr>
<tr><td>Detail - Optional</td></tr>
<tr><td>Loop: ACK      Elements: 7</td></tr>
</table>

**User Option (Usage):** Used
**Purpose:** To acknowledge the ordered quantities and specify the ready date for a specific line item

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| ACK01 | 668 | **Line Item Status Code** | M | ID | 2/2 | Must use |

**Description:** Code specifying the action taken by the seller on a line item requested by the buyer

| Code | Name |
|---|---|
| IA | Item Accepted |
| IQ | Item Accepted - Quantity Changed |
| IR | Item Rejected |
| IS | Item Accepted - Substitution Made |

| | | | | | | |
|---|---|---|---|---|---|---|
| ACK02 | 380 | **Quantity** | X | R | 1/15 | Used |

**Description:** Numeric value of quantity

| | | | | | | |
|---|---|---|---|---|---|---|
| ACK03 | 355 | **Unit or Basis for Measurement Code** | X | ID | 2/2 | Used |

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

| Code | Name |
|---|---|
| EA | Each |
| UN | Unit |

| | | | | | | |
|---|---|---|---|---|---|---|
| ACK09 | 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 |
|---|---|
| N4 | National Drug Code in 5-4-2 Format |

| | | | | | | |
|---|---|---|---|---|---|---|
| ACK10 | 234 | **Product/Service ID** | X | AN | 1/48 | Used |

**Description:** Identifying number for a product or service

| | | | | | | |
|---|---|---|---|---|---|---|
| ACK11 | 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 |
|---|---|
| VC | Vendor's (Seller's) Catalog Number |

| | | | | | | |
|---|---|---|---|---|---|---|
| ACK12 | 234 | **Product/Service ID** | X | AN | 1/48 | Used |

**Description:** Identifying number for a product or service

## Syntax Rules:

1. P0203 - If either ACK02 or ACK03 is present, then the other is required.

2. C0405 - If ACK04 is present, then ACK05 is required.
3. P0708 - If either ACK07 or ACK08 is present, then the other is required.
4. P0910 - If either ACK09 or ACK10 is present, then the other is required.
5. P1112 - If either ACK11 or ACK12 is present, then the other is required.
6. P1314 - If either ACK13 or ACK14 is present, then the other is required.
7. P1516 - If either ACK15 or ACK16 is present, then the other is required.
8. P1718 - If either ACK17 or ACK18 is present, then the other is required.
9. P1920 - If either ACK19 or ACK20 is present, then the other is required.
10. P2122 - If either ACK21 or ACK22 is present, then the other is required.
11. P2324 - If either ACK23 or ACK24 is present, then the other is required.
12. P2526 - If either ACK25 or ACK26 is present, then the other is required.
13. P2728 - If either ACK27 or ACK28 is present, then the other is required.
14. C282729 - If ACK28 is present, then ACK27 and ACK29 are required.

## Data Sample:

*ACK\*IA\*1\*EA\*\*\*\*\*\*N4\*68382012001\*VC\*5751805~*

# CTT  **Transaction Totals**

<table>
<tr><td>Pos: 0100</td><td>Max: 1</td></tr>
<tr><td colspan="2">Summary - Optional</td></tr>
<tr><td>Loop: CTT</td><td>Elements: 1</td></tr>
</table>

**User Option (Usage):** Used

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

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|--------------|-----|------|---------|-------|
| 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.

## Data Sample:

*CTT\*1~*