Kroger EDI Policy that our preferred connection is via the VAN.

- Kroger uses the IBM Sterling VAN.
- You can use IBM Sterling VAN or use another VAN and interconnect to our VAN.

For a direct connection (non-VAN EDI connections), an EDI partner must exchange at least 1 million characters a month to be considered, and the preferred method for direct connection is via AS2.

SFTP is not a preferred method for exchanging EDI data.

If you are a current EDI Kroger EDI Trading partner, please provide your EDI ID.

If you are not a current EDI Kroger EDI Trading partner, you will need to complete our New Partner Setup Form.

Next Steps:

- For OLP/Peyton Chain Store 5-digit or 8-digit iTrade purchase order numbers:
    - Completes the setup form from the EDI website.
        - https://edi.kroger.com/EDIPortal/NewPartnerSetup.html
            - Select: Kroger Retail
            - Choose: Kroger – Ship to Warehouse
            - Complete Form
            - Select X12 or UCS
            - Press Submit

- For RMS Modernization 12-digit purchase order numbers:
    - Completes the setup form from the EDI website.
        - https://edi.kroger.com/EDIPortal/NewPartnerSetup.html
            - Select: Kroger Retail
            - Choose: Ocado **Modernization Supplier**
            - Complete Form
            - Select X12 or UCS
            - Press Submit

Kroger requires EDI 856 (ASN) transmissions be sent immediately after the truck door has closed.

1. **SHIPMENT SEGMENT**
   1.1 Transaction Set Purpose Code – BSN01   **MUST USE**
   (00- Original, 01- Cancellation, 05-Replace)

   Use Cases:

   00- Original
       The original EDI transmission after the truck door closed.

01- Cancellation

An EDI transmission to cancel an existing or 'Original' EDI transmission to indicate the shipment is no longer valid.

MUST INDICATE '01' TRANSACTION SET WITH THE SAME SHIPMENT ID & PURCHASE ORDER NUMBER AS THE ORIGINAL

05- Replace

An EDI transmission to replace an existing or 'Original' EDI transmission to indicate that shipment information has changed. For example, a truck has to return to vendor's facility because it's not properly weighted and adjustments are made.

MUST INDICATE '05' TRANSACTION SET WITH THE SAME SHIPMENT ID & PURCHASE ORDER NUMBER AS THE ORIGINAL

1.2 Hierarchical Structure Code – BSN05   **MUST USE**

Shipment, Order, Tare, Pack, Item

*Example: BSN*00*SI39383092*20220818*0600*ZZZZ~*

1.3 Carrier Details – TD301   **MUST USE**

Use 'TL' qualifier Trailer (not otherwise specified)

Use 'CN' qualifier for Container

1.4 Carrier Details – TD303   **MUST USE**

Trailer number

Container

1.5 Reference Information   **MUST USE**

Use 'BM' qualifier to identify Bill of Lading Number

Use '6B' qualifier to identify US Customs Service Entry Number

1.6 Entity Identifier Code – N101   **MUST USE**
1.7 Identification Code Qualifier – N103   **MUST USE**

Use '9' qualifier to identify D-U-N-S Number with Four Character Suffix

2. ORDER SEGMENT
2.1 Purchase Order Number – PRF01   **MUST USE**
2.2 Purchase Order Date – PRF04   **MUST USE**
2.3 Date/Time Qualifier   **MUST USE**

Use '017' qualifier to identify Estimated Delivery for the Purchase Order

Use '067' qualifier to identify Scheduled Delivery for the Purchase Order

3. TARE SEGMENT
3.1 Marks and Numbers – MAN   **MUST USE**

Use 'GM' qualifier to identify Serial Shipping Container Code (SSCC

*Example: MAN*GM*00100578360007962774~*

> ****Must match SSCC-18 number that is on the physical shipping label.***

4. **PACK SEGMENT**

   4.1 Product/Service ID Qualifier – LIN02   **MUST USE**

      Use 'PI' qualifier to identify item number on the purchase order.

   4.2 Product/Service ID Qualifier – LIN04

      Use 'UK' qualifier to identify case GTIN-14.
   Example: LIN*01*PI*1001111090010*UK*1001111090101*
   Case GTIN-14 in this segment must match the GTIN on the physical label.

   4.3 Product/Service ID Qualifier – LIN06   **MUST USE**

      Use 'LT' to identify Lot Number
   Example: LIN*01*PI*1001111090010*UK*1001111090101*LT*O2287X*
   Lot number in this segment must match the lot number on the physical barcode label.

   4.4 Product/Service ID Qualifier – LIN08   **MUST USE**

      Use 'CH' qualifier to identify Country of Origin Code

      Example: LIN*01*PI*1001111090010*UK*1001111090101*LT*O2287X*CH*MX~

      Example of 'CH' country of origin code:

   - *US*
   - *MX*
   - *CA*

   4.5 Reference "Ref" Information at Pack level is optional. Must send if you have Bioengineered product or ingredients.

      Example: REF*PZ*56451100~

   4.6 Date/Time Qualifier   **MUST USE**

      Use '036' for Expiration Date
      Use '405' for Manufacturing/production/harvest date
      Use '511' Shelf-Life Expiration
      Use '510' Date Packed

      Example:
   DTM*510*20231019~
   DTM*405*20230910~
   DTM*511*20231022~
   DTM*510*20230911~
   Date(s) in this segment must match the date(s) on the physical barcode label.

5. **ITEM SEGMENT**

   5.1 Product/Service ID Qualifier – LIN02   **MUST USE**

      Use 'UP' qualifier to identify UCC-12 or consumer UPC

Example: LIN**UP*10078783015716~

5.2 **Product/Service ID Qualifier – LIN04**   **MUST USE**

Use 'UK' qualifier to identify GTIN-14 case UPC

* Kroger needs to be able to correlate consumer UPC to the case UPC

Example: LIN**UP*078783015716*UK*10078783015716*