

## Introduction

This document provides all current and future VW EDI Trading Partners with mapping guidelines for the 850-Purchase Order. Version 004010VICS is the version that will be accepted by VW. In keeping with the standards, it is understood that the 997 Acknowledgement will be generated and sent within 1 business day after the 850 is received.

The following individual will be your point of contact regarding the testing and implementation of new and existing trading partner relationships:

EDI Coordinator	Lisa Cooper	Phone 252-430-2303
		Fax 252-430-2440
		Email: <a href="mailto:lcooper@vwstores.com">lcooper@vwstores.com</a>

All questions should be addressed to Lisa Cooper. Lisa will contact the appropriate Trading Partner EDI Coordinator and schedule EDI implementation. Once both parties have agreed on and approved the document(s) for production, the relationship will be considered a production trading partner relationship going forward from that date.

### Points of interest:

- VW orders in EACHES only. If you need the order quantity to be in CASES, you will have to convert it. If you cannot convert it, you will probably not be able to process our 850-purchase orders.
- VW expects the 997-functional acknowledgement in reply to our 850-purchase order within 24 hours of your receipt of the 850-purchase order.
- VW does not utilize or expect the 856-ship notice.
- VW processes but does not require 810-invoices. Vendors should not begin sending 810 documents until VW has agreed to accept them, and we have been through testing and implementation. Documents sent prior to testing and implementation will be deleted.
- VW is capable of sending the 820-electronic funds transfer. We typically extend that offer if additional discounts are available as incentive.

## 850 CONTROL SEGMENTS

### Segment: **ISA** Control Segment

**Level:** Interchange Envelope

**Usage:** Mandatory

**Max Use:** 1

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

#### Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
ISA01	I01	<b>Authorization Information Qualifier</b> 00 No authorization information is present	M ID 2/2
ISA02	I02	<b>Authorization Information</b> Blank not used	M AN 10/10
ISA03	I03	<b>Security Information Qualifier</b> 00 No authorization information is present	M ID 2/2
ISA04	I04	<b>Security Information</b> Blank not used	M AN 10/10
ISA05	I05	<b>I/C Sender ID Qualifier</b> 12	M ID 2/2
ISA06	I06	<b>I/C Sender ID</b> 8003473765	M AN 15/15
ISA07	I07	<b>I/C Receiver ID Qualifier</b> Code that qualifies your network ID	M ID 2/2
ISA08	I08	<b>I/C Receiver ID</b> Your network ID	M AN 15/15
ISA09	I09	<b>I/C Date (System Generated)</b> Date expressed as YYMMDD	M DT 6/6
ISA10	I10	<b>I/C Time (System Generated)</b> Time expressed in 24-hour clock time as follows: HHMM	M TM 4/4
ISA11	I11	<b>Interchange Standards ID</b> Interchange Control Standards Identifier U U.S. EDI Community of ASC X12, TDCC, and UCS are the responsible agencies for control structure	M ID 1/1
ISA12	I12	<b>I/C Version ID</b> Interchange Control Version Number 00401	M ID 5/5
ISA13	I13	<b>I/C Control Number (System Generated)</b>	M NO 9/9
ISA14	I14	<b>Acknowledgement Request (TA1)</b>	M ID 1/1

**Segment: ISA Control Segment (Continued)**

**Level:** Interchange Envelope

**Usage:** Mandatory

**Max Use:** 1

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

**Data Element Summary**

REF	DATA		
DES	ELEMENT	NAME	ATTRIBUTES
ISA15	I15	<b>Test Indicator</b> P indicates data being sent/received is production data T indicates data being sent/received is test data	M ID 1/1
ISA16	I16	<b>Sub-Element Separator</b>	M AN 1/1

**Segment: GS** Control Segment

**Level:** Group Envelope

**Usage:** Mandatory

**Max Use:** 1

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

**Data Element Summary**

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
GS01	479	<b>Functional ID</b> Identifies what is contained within the functional group PO Purchase Order 850	M ID 2/2
GS02	142	<b>Application Sender ID</b> 8003473765	M AN 2/15
GS03	124	<b>Application Receiver ID</b> Your network ID	M AN 2/15
GS04	373	<b>Group Date (System Generated)</b> Date expressed as CCYYMMDD	M DT 8/8
GS05	337	<b>Group Time (System Generated)</b> Time expressed in 24-hour clock time as follows: HHMM	M TM 4/4
GS06	28	<b>Group Control Number (System Generated)</b>	M NO 1/9
GS07	455	<b>Responsibility Agency Code</b> X Accredited Standards Committee X12	M ID 1/2
GS08	480	<b>Version-Release-Association</b> 004010VICS	M AN 1/12

**VICS EDI 850 Purchase Order**

**FUNCTIONAL GROUP ID = PO**

The following summarization and detail is to define the 850's segments/elements that VW is capable of sending to our EDI trading partner. The transaction set is used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

	SEG ID	NAME	REQ. DES	MAX USE	LOOP REPEAT
<b>Header</b>	ST	Transaction Set Header	M	1	
	BEG	Beginning Segment for Purchase Order	M	1	
	REF	Reference Identification	O	3	
	FOB	F.O.B. Related Instructions	O	1	
	ITD	Terms of Sale/Deferred Terms of Sale	O	1	
	DTM	Date/Time Reference	O	10	
	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
	N9	Reference Number	O	1	1000
	N1	Name	O	1	200
	N2	Additional Name Information	O	2	
	N3	Address Information	O	2	
	N4	Geographic Location	O	1	
	<b>Detail</b>	PO1	Baseline Item Data	M	1
PID		Product/Item Description	O	1	
PO4		Item Physical Details	O	1	
<b>Summary</b>	CTT	Transaction Totals	O	1	
	SE	Transaction Set Trailer	M	1	

**Note:** VW can suppress some optional segments/elements.

**Other Information:**

VW is the sender of the 850-Purchase Order.

VW orders merchandise in EACHES only.

VW does not expect the 856-Advanced Ship Notice in response to the 850-Purchase Order.

The 810-Invoice is accepted but not required by VW.

**Segment: ST Transaction Set Header**

**Level:** Header

**Usage:** Mandatory

**Max Use:** 1

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

**Data Element Summary**

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
ST01	143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set <b>850</b> Purchase Order	<b>M ID 3/3</b>
ST02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <b>The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.</b>	<b>M AN 4/9</b>

**Segment: BEG** Beginning Segment for Purchase Order

**Level:** Header

**Usage:** Mandatory

**Max Use:** 1

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

**Data Element Summary**

REF	DATA		
DES	ELEMENT	NAME	ATTRIBUTES
BEG01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set <b>00</b> Original	<b>M ID 2/2</b>
BEG02	92	<b>Purchase Order Type Code</b> Code specifying the type of Purchase Order <b>SA</b> Stand-alone Order	<b>M ID 2/2</b>
BEG03	324	<b>Purchase Order Number</b> Identifying number for Purchase Order assigned by the orderer/purchaser <b>Retailer's original purchase order number</b> Format 999999	<b>M AN 1/22</b>
	269		
	270		
BEG05	373	<b>Date</b> Date expressed as CCYYMMDD <b>Retailer's original purchase order date</b>	<b>M DT 8/8</b>

Segment: **REF** Reference Identification

Level: Header

Usage: Optional

Max Use: 3

Purpose: To specify identifying information

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification <b>DP</b> Department <b>IA</b> Internal Vendor Number - <b>Identification number assigned to the vendor by the retailer</b>	<b>M ID 2/3</b>
REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<b>C AN 1/30</b>

**Note:** When REF01 (128) = 'DP' REF02 (127) = Department Number 9999  
When REF01 (128) = 'IA' REF02 (127) = Vendor Number 999999



Segment: **FOB** F.O.B. Related Instructions

Level: Header

Usage: Optional

Max Use: 1

Purpose: To specify transportation instructions relating to shipment

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
FOB01	146	<b>Shipment Method of Payment</b> Code identifying payment terms for transportation charges <b>DF</b> Defined by Buyer and Seller	<b>M ID 2/2</b>
FOB02	309	<b>Location Qualifier</b> Code identifying type of location <b>OR</b> Origin (Shipping Point)	<b>C ID 1/2</b>
FOB03	352	<b>Description</b> A free-form description to clarify the related data elements and their content <b>Free-form name of transportation responsibility location</b>	<b>O AN 1/80</b>

**Segment: ITD** Terms of Sale/Deferred Terms of Sale

**Level:** Header

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify terms of sale

**Data Element Summary**

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
ITD01	336	<b>Terms Type Code</b> Code identifying type of payment terms 14 Previously agreed upon	O ID 2/2
ITD02	333	<b>Terms Basis Date Code</b> Code identifying the beginning of the term's period 8 Invoice Transmission Date	O ID 1/2
ITD03	338	<b>Terms Discount Percent</b> Terms discount percentage, expressed as a percent, available to The purchaser if an invoice is paid on or before the Terms Discount Due Date (example 2% is sent as "2")	O R 1/6
ITD05	333	<b>Terms Discount Days Due</b> Number of days in the terms discount period by which payment Is due if terms discount is earned	C NO 1/3
ITD12	352	<b>Description</b> A free-form description to clarify the related data elements and their content. Term's agreement as made by the buyer and seller at the time of order placed.	O AN 1/80

Segment: **DTM** Date/Time Reference

Level: Header

Usage: Optional

Max Use: 10

Purpose: To specify pertinent dates and times

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time <b>001</b> Cancel After - If the order has not been shipped by this date, the order is considered canceled <b>010</b> Requested Ship	M ID 3/3
DTM02	373	<b>Date</b> Date expressed as CCYYMMDD	C DT 8/8

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)

Level: Header

Usage: Optional

Max Use: 12

Purpose: To specify the carrier and sequence of routing and provide transit time information

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
TD504	91	<b>Transportation Method/Type Code</b> Code specifying the method or type of transportation for the shipment H Customer Pickup	C ID 1/2
TD505	387	<b>Routing</b> Free-form description of the routing or requested routing for shipment, or the originating carrier's identity.	C AN 1/35

**Segment: N9 Reference Identification**

**Level:** Header

**Usage:** Optional

**Max Use:** 1 - **Loop:** 1000

**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

**Data Element Summary**

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
N901	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification <b>ZZ</b> Mutually Defined (Additional Notes)	<b>M ID 2/3</b>
N902	127	<b>Reference Identification</b> Reference Information as defined for a particular Transaction Set or as specified By the Reference Identification Qualifier	<b>C ID 1/30</b>

Segment: **N1** Name

Level: Header

Usage: Optional

Max Use: 1 - Loop: 200

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

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual ST Ship To	<b>M ID 2/3</b>
N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	<b>C ID 1/2</b>
N104	67	<b>Identification Code</b> Code identifying a party or other code. We will send: Dunn's Number: 0069968549001 9001 = mainwarehouse/distribution center ____ =can be store number value can be blank	<b>C AN 2/80</b>

**Segment: N2 Name**

**Level:** Header

**Usage:** Optional

**Max Use:** 2

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

**Data Element Summary**

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
N201	93	<b>Name</b> Free-form name	M AN 1/60
N202	93	<b>Name</b> Free-form name	O AN 1/60

**Segment: N3 Name**

**Level:** Header

**Usage:** Optional

**Max Use:** 2

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

**Data Element Summary**

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
N301	166	<b>Address Information</b> Address information	M AN 1/55
N302	166	<b>Address Information</b> Address information	O AN 1/55



Segment: **N4** Name

Level: Header

Usage: Optional

Max Use: 1

Purpose: To specify the geographic place of the named party

**Data Element Summary**

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
N401	19	<b>City Name</b> Free-form text for city name	O AN 2/30
N402	156	<b>State or Province Code</b> Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	<b>Postal Code</b> Code (Standard State/Province) as defined by appropriate government agency	O ID 3/15
N404	26	<b>Country Code</b> Code identifying the country	O ID 2/3

Segment: **PO1** Baseline Item Data

Level: Detail

Usage: Mandatory

Max Use: 1 – Loop: 100000

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

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
PO101	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set	<b>O AN 1/6</b>
PO102	330	<b>Quantity Ordered</b> Quantity ordered	<b>C R 1/15</b>
PO103	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>EA</b> Buying Unit of Measure in 'Eaches'	<b>O ID 2/2</b>
PO104	212	<b>Unit Price</b> Cost per unit of product, service, commodity, etc.	<b>C R 1/17</b>
PO106	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) <b>IT</b> Buyer's Style Number	<b>C ID 2/2</b>
PO107	234	<b>Product/Service ID</b> Identifying number for a product or service VMI Item/SKU Number 999999999	<b>C AN 1/9</b>
*PO108	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) <b>UP</b> U.P.C. Consumer Package Code (1-5-5-1)	<b>C ID 2/2</b>
*PO109	234	<b>Product/Service ID</b> Identifying number for a product or service Vendors Item Code/Style Number UPC 1-5-5-1 <b>This is the code assigned by the vendor.</b>	<b>C AN 1/48</b>
PO110	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) <b>VA</b> Vendor's Style Number <b>This is the code assigned by the vendor.</b>	<b>C ID 2/2</b>
PO111	234	<b>Product/Service ID</b> Identifying number for a product or service <b>This is the code assigned by the vendor.</b>	<b>C AN 1/48</b>
PO112	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) <b>SZ</b> Vendor Alphanumeric Size Code (NRMA).	<b>C ID 2/2</b>

\* If VW includes element PO108='UP' & element PO109=12 digit UPC, PO116 & PO117 will be omitted. Values should be returned to VW in your 810-Invoice as defined in our 810 specifications.

Segment: **PO1** Baseline Item Data (Continued)

Level: Detail

Usage: Mandatory

Max Use: 1

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

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
PO113	234	<b>Product/Service ID</b> Identifying number for a product or service <b>This is the code assigned by the vendor.</b>	<b>C AN 1/48</b>
PO114	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) <b>VE</b> Vendor Color	<b>C ID 2/2</b>
PO115	234	<b>Product/Service ID</b> Identifying number for a product or service <b>This is the code assigned by the vendor.</b>	<b>C AN 1/48</b>
**PO116	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) <b>EN</b> European Article Number (2-5-5-1)	<b>C ID 2/2</b>
**PO117	234	<b>Product/Service ID</b> Identifying number for a product or service Vendors Item Code/Style Number EAN 2-5-5-1 <b>This is the code assigned by the vendor.</b>	<b>C AN 1/48</b>

\*\* If VW includes element PO116='EN' & element PO117=13 digit EAN, PO108 & PO109 will be omitted. Values should be returned to VW in your 810-Invoice as defined in our 810 specifications.

Segment: **PID** Product/Item Description

Level: Detail

Usage: Optional

Max Use: 1

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

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
PID01	349	<b>Item Description Type</b> Code indicating the format of a description F Free form - <b>The description will be found in PID05.</b>	M ID 1/1
PID02	750	<b>Product/Process Characteristic Code</b> Code identifying the general class of a product or process characteristic <b>08</b> Product	O ID 2/3
PID05	352	<b>Description</b> A free-form description to clarify the related data elements and their content. Item/SKU description.	C AN 1/80

**Segment: PO4** Item Physical Details

Level: Detail

Usage: Optional

Max Use: 1

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

**Data Element Summary**

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
PO401	356	<b>Pack</b> The number of inner containers, or number of eaches if there are no inner containers, per outer container. Vendor pack quantity.	<b>O N0 1/6</b>
PO402	357	<b>Size</b> Size of units in pack.	<b>C R 1/8</b>
PO403	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken (the order unit). EA Eaches	<b>C ID 2/2</b>
PO414	810	<b>Inner Pack</b> The number of eaches per inner container	<b>O N0 1/6</b>

Segment: **CTT** Transaction Totals

Level: Summary

Usage: Optional

Max Use: 1

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

Data Element Summary

REF	DATA		
DES	ELEMENT	NAME	ATTRIBUTES
CTT01	354	Number of Line Items The number of PO1 segments present in the transaction set	M NO 1/6

**Segment: SE** Transaction Set Trailer

**Level:** Summary

**Usage:** Mandatory

**Max Use:** 1

**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)

**Data Element Summary**

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
SE01	96	<b>Number of Included Segments</b> Total number of segments included in a transaction set including ST and SE segments	<b>M NO 1/10</b>
SE02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set. <b>This must be the same number as is in the ST segment (ST02) for the transaction set.</b>	<b>M AN 4/9</b>