



**EDI Reference Guide
810 Invoice
(Version 004010 X12) Functional Group – IN
This EDI Guideline is to be used for ShopRite Warehouse – Vendors**

This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Transaction Set (810) 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 furnishing or requesting the price of goods or services.

EDI SEGMENTS PROVIDED

HEADER:

POS NO.	SEG.ID	NAME
0100	ST	Transaction Set Header
0200	BIG	Beginning Segment for Invoice
		<u>LOOP ID-N1 >2</u>
0300	N1	ST – Ship To RI – Remit To

DETAL:

POS NO.	SEG.ID	NAME
		<u>LOOP ID – IT1</u>
0100	IT1	Base Line Data
0500	PID	Product/Item Description
0600	SAC	Service/Allowance Charge

SUMMARY:

POS NO.	SEG.ID	NAME
0100	TDS	Total Monetary Value Summary
0200	SAC	Service/Allowance Charge
0300	CTT	Transaction Totals



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ST Segment = Transaction Set Header - Usage Mandatory					
<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMENT</u>	<u>TYPE</u>	<u>SIZE</u>
ST01 / 143	Transaction Set Identifier Code	810 - Invoice	Mandatory	ID	3/3
ST02 / 329	Transaction Set Control Number	System generated control number	Mandatory	ID	3/3

BIG Segment - Beginning Segment for Invoice Usage Mandatory					
<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMENT</u>	<u>TYPE</u>	<u>SIZE</u>
BIG01 / 373	Date	Invoice Date Format: CCYYMMDD	Mandatory	DT	8/8
BIG02 / 76	Invoice Number		Mandatory	AN	1/22
BIG03 / 373	Date	Purchase Order Date Format: CCYYMMDD	Mandatory	DT	8/8



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BIG04 / 324	Purchase Order Number	Purchase Order on P	Mandatory	AN	1/22
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N1 Segment – Name Usage Mandatory					
<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMENT</u>	<u>TYPE</u>	<u>SIZE</u>
N101 / 98	Entity Identifier Code	'ST' – Ship To	Mandatory	ID	2/3
N102 / 93	Name	Recipient Name	Mandatory	AN	1/60
N103 / 66	Identifier Code Qualifier	9 – DUNS Number +	Mandatory	AN	1/2
N104 / 67	Identification Code	0069724180071 Store 071	Mandatory	AN	2/80

** Note the value of the N1_04 segment should always be 006972418 + store number

N3 Segment – Address Information To specify the location of the named party Usage Mandatory
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<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMENT</u>	<u>TYPE</u>	<u>SIZE</u>
N301 / 166	Address Information	Ship To Address	Optional	AN	1/55

N4 Segment – Geographic Location To specify the geographic place of the named party Usage Mandatory					
<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMENT</u>	<u>TYPE</u>	<u>SIZE</u>
N401 / 19	City Name	Ship To City Name	Mandatory	AN	2/30
N402 /156	State or Province Code	Ship To State	Mandatory	ID	2/2
N403 / 116	Postal Code	Ship To Postal Code	Mandatory	ID	3/15

N1 Segment – Name Usage Mandatory					
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<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMENT</u>	<u>TYPE</u>	<u>SIZE</u>
N101 / 98	Entity Identifier Code	'RI' – Remit To	Mandatory	ID	2/3
N102 / 93	Name	Remit To Name	Mandatory	AN	1/60
N103 / 66	Identifier Code Qualifier	9 – DUNS Number +	Mandatory	AN	1/2
N104 / 67	Identification Code	Remit to DUNS Number	Mandatory	AN	2/80

** If you do not know your remit to Duns Number please contact the EDI department at EDI@wakefern.com

N3 Segment – Address Information To specify the location of the named party Usage Mandatory					
<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMENT</u>	<u>TYPE</u>	<u>SIZE</u>
N301 / 166	Address Information	Remit To Address	Optional	AN	1/55



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N4 Segment – Geographic Location					
To specify the geographic place of the named party					
Usage Mandatory					
<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMNE</u>	<u>TYPE</u>	<u>SIZE</u>
N401 / 19	City Name	Remit To City Name	Mandatory	AN	2/30
N402 /156	State or Province Code	Remit To State	Mandatory	ID	2/2
N403 / 116	Postal Code	Remit To Postal Code	Mandatory	ID	3/15

IT1 Segment – Baseline Item Data					
To specify basic and most frequently used line item data					
Usage Mandatory					
<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMNE</u>	<u>TYPE</u>	<u>SIZE</u>



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IT102 / 358	Quantity Invoiced		Mandatory	R	1/10
IT103 / 355	Unit Of Measure	'CA' – Case 'EA' - Each	Mandatory	ID	2/2
IT104 / 212	Unit Price		Mandatory	R	1/17
IT106 / 235	Product/Service Qualifier	UA – UPC Case Code (2-5-5) UN – Case Code Num (1-1-5-5) UP – Consumer Pack Code (1-5-5-1) UD – EAN Pack Code (2-5-5)	Mandatory	ID	2/2
IT107 / 234	Product/Service ID	UPC - Number	Mandatory	AN	1/48

PID Segment – Product / Item Description
To describe a product or process in coded or free-form format
Usage Mandatory

<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMENT</u>	<u>TYPE</u>	<u>SIZE</u>
PID01 / 349	Item Description Type	'F' – Free Form	Mandatory	ID	1/1
PID05 / 352	Description	Item Description	Mandatory	AN	1/80



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SAC Segment – Service, Promotion, Allowance or Charge Information					
To request or identify a service, promotion, allowance, or charge; to specify amount for the service, promotion, allowance, or charge					
Usage Optional					
<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMENT</u>	<u>TYPE</u>	<u>SIZE</u>
SAC01 / 248	Allowance or Charge Indicator	A – Allowance C - Charge	Mandatory	ID	1/1
SAC02 / 1300	Service, Allowance, or Charge Code	See Appendix A	Optional	ID	4/4
SAC05 / 610	Amount		Optional	N2	1/15
SAC07 / 332	Percent		Optional	R	1/6
SAC08 / 118	Rate		Optional	R	1/9
SAC09 / 335	Unit of Measure	EA = Each CA = Case	Conditional	ID	2/2
SAC10 / 380	Quantity		Conditional	R	1/15
SAC12 / 331	Allowance or Charge Method		Optional	ID	2/2
SAC15 / 352	Description		Conditional	AN	1/80



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*** PRECEDING SAC ELEMENTS ARE FOR THE LINE ITEM DETAIL. IF YOU HAVE ALLOWANCES OR CHARGES THAT ARE NOT SPECIFIC TO A LINE ITEM YOU MUST PUT THEM IN THE SAC AT THE SUMMARY LEVEL.***

TDS Segment – Total Monetary Value Summary To Specify the total invoice discount and amounts Usage Mandatory					
<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMENT</u>	<u>TYPE</u>	<u>SIZE</u>
TDS01 / 610	Gross Invoice Amount		Mandatory	N2	1/10
TDS02 / 610	Amount Subject to cash discount		Optional	N2	1/10
TDS03 / 610	Discounted (Net) Invoice amount		Optional	N2	1/10

SAC Segment – Service, Promotion, Allowance or Charge Information To request or identify a service, promotion, allowance, or charge; to specify amount for the service, promotion, allowance, or charge Usage Optional					
<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMENT</u>	<u>TYPE</u>	<u>SIZE</u>
SAC01 / 248	Allowance or Charge Indicator	A – Allowance C - Charge	Mandatory	ID	1/1



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SAC02 / 1300	Service, Allowance, or Charge Code	See Appendix A	Optional	ID	4/4
SAC05 / 610	Amount		Optional	N2	1/15
SAC07 / 332	Percent		Optional	R	1/6
SAC08 / 118	Rate		Optional	R	1/9
SAC09 / 335	Unit of Measure	EA = Each CA = Case	Conditional	ID	2/2
SAC10 / 380	Quantity		Conditional	R	1/15
SAC12 / 331	Allowance or Charge Method		Optional	ID	2/2
SAC15 / 352	Description		Conditional	AN	1/80

PRECEDING SAC ELEMENTS ARE FOR THE SUMMARY DETAIL. IF YOU HAVE ALLOWANCES OR CHARGES THAT ARE NOT SPECIFIC TO A LINE ITEM YOU MUST PUT THEM IN THE SAC AT THE SUMMARY LEVEL.

E.G. "TOTAL TRUCKLOAD ALLOWANCE". PROPER IDENTIFICATION OF THE ALLOWANCE OR CHARGES USING CODES SPECIFIED IN THE "X-12 - DATA ELEMENT DICTIONARY" IS MANDATORY. CODES 499 AND 999 ARE NOT ACCEPTABLE.

IF YOU DUPLICATE THE LINE ITEM DETAIL ALLOWANCE OR CHARGE IN THE SUMMARY LEVEL SAC SEGMENT IT WILL RESULT IN A REJECTED INVOICE.



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CTT Segment – Transaction Totals					
To transmit a hash total for a specific element in the transaction					
Usage Mandatory					
<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMENT</u>	<u>TYPE</u>	<u>SIZE</u>
CTT01 / 354	Number Of Lines		Mandatory	R	1/6
CTT02 / 347	Hash Total – Total Quantity		Mandatory	R	1/10

Appendix - A - EDI Codes Recognized by Invoice Reconciliation System *

Pickup Allowance codes	53, G930, 54 , D240, 40 , F340, PPI, PUD, 514
Truckload Allowance Codes	64, TAL, VAB, VVL, 61
Salvage Allowance Codes	2, D250, 58, G590, 62, C000, SAD, SSA, UUM, B950



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Freight Charge Codes	504, 400, DEL, DTC, FBD, FCD, FCI, LOC, PUC, SAB, SAT, TCM, TTB, VAA, D240, FAH, HLF, IFC, 990, PAK, 515
Vendor Whse Allowance	55, WSA
Cash Discount Allowance Codes	41, C310
Fuel Surcharge Code	4, 04
Label Allowance	60
Produce Lumper/Unloading Allowance	I390, 26
Produce Ryan Recorder Charge	G080, 560, 561
Produce Tectrol Charge	H910,527
Produce Ice Charge	C510, 11
Produce Airbag Charge	D210, 503
Produce Palletizing Charge	F190, 512
Produce Pre-cooling Charge	F650, 20
Produce Banana Surcharge	D500
Service Fee Charge	G740
Miscellaneous Charge/allowance codes	If vendor sends edi code other than the codes listed above, it will be identified as a miscellaneous charge, allowance by the invoice reconciliation system



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