



ASSOCIATED WHOLESALE GROCERS



810 Invoice

Functional Group=IN

Version 005010

Mapping Procedures and Tips on Associated Wholesale Grocers' 810 Document

Associated Wholesale Grocers utilizes the 810 Grocery Products Invoice Set for all divisions within the company. The 810 Transaction Set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

Any questions concerning mapping requirements should be directed to edi@awginc.com.

Header:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max Use</u>	<u>Loop Repeat</u>
0100	ST	Transaction Set Header	M	1	
0200	BIG	Beginning Segment for Invoice	M	1	
0500	REF	Reference Information	O	1*	
LOOP ID – N1					200
0700	N1	Party Identification	M*	1	
1300	ITD	Terms of Sale/Deferred Terms of Sale	O	1*	
1400	DTM	Date/Time Reference	O	1	

Detail:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max Use</u>	<u>Loop Repeat</u>
LOOP ID – IT1					200000
0100	IT1	Baseline Item Data (Invoice)	M*	1	
LOOP ID – PID					1*
0600	PID	Product/Item Description	O	1	
1000	PO4	Item Physical Details	O	1	
1200	REF01	Reference Identification	O	1	

Summary:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max Use</u>	<u>Loop Repeat</u>
0100	TDS	Total Monetary Value Summary	M	1	
0600	ISS	Invoice Shipment Summary	O	1	
0700	CTT	Transaction Totals	O	1	
0800	SE	Transaction Set Trailer	M	1	

Notes:

- Any segments and elements used that are not included in this specification may prevent documents from being processed or may be ignored.
- If any segments of a loop are used, the first segment of the loop is always required.
- * Denotes usage requirements that deviate from EDI standards.



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Segment: **ST** Transaction Set Header
Position: 0100
Loop: N/A
Level: Header
Usage: Mandatory
Max Use: 1

Syntax Notes:

Data Element Summary

Ref.	Data					
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
ST01	143	Transaction Set Identifier Code		M	ID	3/3
		<u>Code</u>	<u>Description</u>			
		810	Invoice			
ST02	329	Transaction Set Control Number		M	AN	4/9



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Segment: **BIG** Beginning Segment for Invoice
Position: 0200
Loop: N/A
Level: Header
Usage: Mandatory
Max Use: 1
Syntax Notes:
Notes: 1. BIG01 is the invoice issue date.

Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
BIG01	373	Date	M	DT	8/8
BIG02	76	Invoice Number	M	AN	1/22



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Segment: **REF** Reference Information
Position: 0500
Loop: N/A
Level: Header
Usage: Optional
Max Use: 1*
Syntax Notes:
Notes:

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3
		<u>Code</u> <u>Description</u> DP Retail Department			
REF02	127	Reference Identification	M*	AN	1/50



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Segment: N1 Name
Position: 0700
Loop: N1
Level: Header
Usage: Mandatory*
Max Use: 1
Syntax Notes:
Notes:

1. Ship To and Remit To are required.
2. The code shown in the N104 segment will be the retailer's DUNS number followed by a 4 digit suffix to represent the AWG store number or the retailer's internal store number..

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
N101	98	Entity Identifier Code	M	ID	2/3
		<u>Code</u>			
		RI			Remit To
		ST			Ship To
N102	93	Name	M*	AN	1/60
N103	66	Identification Code Qualifier	M*	ID	1/2
		<u>Code</u>			
		9			D-U-N-S+4, D-U-N-S Number plus Four Digit Store Number
N104	67	Identification Code	M*	AN	2/80



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Segment: **ITD** Terms of Sale/Deferred Terms of Sale
Position: 1300
Loop: N/A
Level: Header
Usage: Optional
Max Use: 1
Syntax Notes:

Data Element Summary

Ref.	Data		Req.	Type	Min/Max
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
ITD01	336	Terms Type Code	O	ID	2/2
ITD06	446	Terms Net Due Date	O	DT	8/8
ITD07	386	Terms Net Days	O	N0	1/3



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Segment: **DTM** Date/Time Reference
Position: 1400
Loop: N/A
Level: Header
Usage: Optional
Max Use: 1
Syntax Notes:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
DTM01	374		Date/Time Qualifier	M	ID	3/3
			<u>Code</u>			
			002			
			<u>Description</u>			
			Delivery Date			
DTM02	373		Date	M	DT	8/8



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Segment: **IT1** Baseline Item Data (Invoice)

Position: 0100

Loop: IT1

Level: Detail

Usage: Mandatory*

Max Use: 1

- Syntax Notes:**
1. If either IT106 or IT107 is present, then the other is required.
 2. If either IT108 or IT109 is present, then the other is required.
 3. If either IT110 or IT111 is present, then the other is required.

Notes:

1. At least one instance of IT106 and IT107 or IT108 and IT109 or IT110 and IT111 is required.

Data Element Summary

Ref.	Data		Req.	Type	Min/Max
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
IT102	358	Quantity Invoiced	M*	R	1/15
IT103	355	Unit or Basis for Measurement Code	M*	ID	2/2
IT104	212	Unit Price	M*	R	1/17
IT105	639	Base Unit Price Code			
		<u>Code</u> <u>Description</u>			
		FX Fixed Price			
IT106	235	Product/Service ID Qualifier	C	ID	2/2
		<u>Code</u> <u>Description</u>			
		UI U.P.C. Consumer Package Code (1-5-5)			
IT107	234	Product/Service ID	C	AN	1/48
IT108	235	Product/Service ID Qualifier	C	ID	2/2
		<u>Code</u> <u>Description</u>			
		VN Seller's Item Code			
IT109	234	Product/Service ID	C	AN	1/48
IT110	235	Product/Service ID Qualifier	C	ID	2/2
		<u>Code</u> <u>Description</u>			
		UE U.P.C./EAN Module Code (2-5-5)			
IT111	234	Product/Service ID	C	AN	1/48
IT112	235	Product/Service ID Qualifier	C	ID	2/2
		<u>Code</u> <u>Description</u>			
		CH County of Origin			
IT113	234	Product/Service ID	C	AN	1/48
IT114	235	Product/Service ID Qualifier	C	ID	2/2



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	<u>Code</u>	<u>Description</u>			
	ZZ	Order Type			
IT115	234	Product/Service ID	C	AN	1/48
IT116	235	Product/Service ID Qualifier	C	ID	2/2
	<u>Code</u>	<u>Description</u>			
	ZZ	Order Exception			
IT117	234	Product/Service ID	C	AN	1/48



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Segment: PID Product/Item Description
Position: 0600
Loop: IT1/PID
Level: Detail
Usage: Optional
Max Use: 1
Syntax Notes:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
PID01	349	Item Description Type	M	ID 1/1
		<u>Code</u> <u>Description</u>		
		F Free-form		
PID05	352	Free-form Description	M*	AN 1/80



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Segment: **PO4** Item Physical Details
Position: 1000
Loop: IT1/PO4
Level: Detail
Usage: Optional
Max Use: 1
Syntax Notes:

Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
PO401	356	Pack	M	N0	1/6
PO402	357	Size	M	R	1/8
PO403	355	Unit or Basis for Measurement Code	M	ID	2/2



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Segment: **REF01** Reference Identification
Position: 1120
Loop: REF01
Level: Detail
Usage: Optional
Max Use: 1
Syntax Notes:

Data Element Summary

Ref.	Data					
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
REF01	128	Reference Number Qualifier		M	ID	2/3
		<u>Code</u>	<u>Description</u>			
		PO	PO Number			
REF02	127	Reference Number		C	AN	1/30



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Segment: **TDS** Total Monetary Value Summary
Position: 0100
Loop: N/A
Level: Summary
Usage: Mandatory
Max Use: 1
Syntax Notes:

Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
TDS01	610	Amount	M	N2	1/15



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Segment: **ISS** Invoice Shipment Summary
Position: 0600
Loop: ISS
Level: Summary
Usage: Optional
Max Use: 1
Syntax Notes:

Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
ISS01	382	Number of Units Shipped	M*	R	1/10
ISS02	355	Unit/Basis Measurement Code	C	ID	2/2



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CTT Transaction Totals

Position: 0700
Loop: CTT
Level: Summary
Usage: Optional
Max Use: 1
Syntax Notes:

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
CTT01	354	Number of Line Items	M	N0	1/6
CTT02	347	Hash Total	M*	R	1/10



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Segment: SE Transaction Set Trailer
Position: 0800
Loop: N/A
Level: Summary
Usage: Mandatory
Max Use: 1
Syntax Notes:

Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
SE01	96	Number of Included Segments	M	NO	1/10
SE02	329	Transaction Set Control Number	M	AN	4/9



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Sample 810

ST*810*0008
BIG*20160728*0355820
REF*DP*60
N1*ST*SAMPLE STORE*9*1111111116789
N1*RI*AWG*9*006943062
ITD*01*****20160728*1
DTM*002*20160728
IT1**6*EA*1.00*FX*UI*07003800000*VN*0963934*UE*L00043193529***ZZ*RG REGULAR
PID*F****DESCRIPTION
PO4*1*40*CT
REF*PO*07093
IT1**6*EA*1.05*FX*UI*01234567890*VN*0963868*UE*L00043193529***ZZ*RG REGULAR
PID*F****DESCRIPTION
PO4*1*40*CT
REF*PO*07093
IT1**6*EA*.2*FX*UI*01234567890*VN*0903963*UE*L00043193529***ZZ*RG REGULAR
PID*F****DESCRIPTION
PO4*1*100*CT
REF*PO*07093
TDS*2137
ISS*18*EA
CTT*3*18
SE*23*0008