



Service is our best part.®
810 Invoice Inbound

X12 Version 4010

Version: 2.4

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Company: Advance Auto Parts
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Publication Record

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2.4	2/2/16	AAP Supply Chain Reliability	<p>Initial release of version 2.4</p> <p>Added transaction level clarification note</p> <p>ISA 02 and 04 Added clarification note</p> <p>ISA 08 Added Advance ISA ID note</p> <p>ISA 09, 10 and 12 Added clarification note</p> <p>GS 03 Added Advance GS ID note</p> <p>GS 04, 05 and 06 Added clarification note</p> <p>1/ST-02/010 Added clarification note</p> <p>1/BIG-01, 02, 03/020 Added clarification note</p> <p>1/N1-01/070 Added clarification note and code VN</p> <p>1/N1-03/070 Removed code 91</p> <p>2/IT1/010 Changed to Optional and added clarification note</p> <p>2/IT1-06/010 Added clarification note</p> <p>2/IT1-08/010 Added clarification note</p> <p>2/PID/060 Changed from Optional to Recommend and added clarification note</p> <p>2/SAC/180 Changed 02, 05 and 12 to Must Use</p> <p>2/SAC-02/180 Reduced code list to B750</p> <p>2/SAC-05/180 Added clarification note</p> <p>3/TDS-01 and 02/010 Added clarification note</p> <p>3/SAC/040 Changed 02, 05 and 12 to Must Use</p> <p>3/SAC-02/040 Removed B750 from code list and added code D170</p> <p>3/SAC-05/040 Added clarification note</p> <p>3/ISS-01/060 Added clarification note</p> <p>3/ISS-03 and 04/060 Changed from Must Use to Optional</p> <p>3/CTT-01/070 Added clarification note</p>

			3/SE-02/080 Added clarification note GS 02 Added clarification note IEA 02 Added clarification note

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810**Invoice****Functional Group=IN**

There must be at least one occurrence of either the IT1 or the SAC segment in each 810 document.

Not Defined:

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3		ISA	Interchange Control Header	M	1			Must use
5		GS	Functional Group Header	M	1			Must use

Heading:

<u>Page</u>	<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
6	010	ST	Transaction Set Header	M	1			Must use
7	020	BIG	Beginning Segment for Invoice	M	1			Must use
8	050	REF	Reference Identification	O	12			Must use
9		<u>LOOP ID - N1</u>				<u>200</u>		
10	070	N1	Name	O	1			Must use
11	150	FOB	F.O.B. Related Instructions	O	1			Used

Detail:

<u>Page</u>	<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
12		<u>LOOP ID - IT1</u>				<u>200000</u>		
13	010	IT1	Baseline Item Data (Invoice)	O	1			Used
14		<u>LOOP ID - PID</u>				<u>1000</u>		
15	060	PID	Product/Item Description	O	1			Recommended
16		<u>LOOP ID - SAC</u>				<u>25</u>		
17	180	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used

Summary:

<u>Page</u>	<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
19	010	TDS	Total Monetary Value Summary	M	1			Must use
20	030	CAD	Carrier Detail	O	1			Used
21		<u>LOOP ID - SAC</u>				<u>25</u>		
22	040	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
24		<u>LOOP ID - ISS</u>				<u>>1</u>		
25	060	ISS	Invoice Shipment Summary	O	1			Must use
26	070	CTT	Transaction Totals	O	1		N3/070	Must use
27	080	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

<u>Page</u>	<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
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28	GE	Functional Group Trailer	M	1	Must use
i	IEA	Interchange Control Trailer	M	1	Must use

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		00 No Authorization Information Present (No Meaningful Information in I02)				
ISA02	I02	Authorization Information	M	AN	10/10	Must use
		<i>10 Spaces</i>				
ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		00 No Security Information Present (No Meaningful Information in I04)				
ISA04	I04	Security Information	M	AN	10/10	Must use
		<i>10 Spaces</i>				
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use
ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		01 Duns (Dun & Bradstreet)				
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use
		<i>The Advance Auto Parts Interchange ID is: Production: 007941529 Test: 007941529T</i>				
ISA09	I08	Interchange Date	M	DT	6/6	Must use
		<i>Date of Interchange (YYMMDD)</i>				
ISA10	I09	Interchange Time	M	TM	4/4	Must use
		<i>Time of Interchange (HHMM)</i>				
ISA11	I10	Interchange Control Standards Identifier	M	ID	1/1	Must use
ISA12	I11	Interchange Control Version Number	M	ID	5/5	Must use
		<i>The control number in this data element must be identical to the control number provided in the associated Interchange Control trailer (IEA02)</i>				
		<u>Code</u> <u>Name</u>				
		00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997				
ISA13	I12	Interchange Control Number	M	NO	9/9	Must use

ISA14 I13 **Acknowledgment Requested** M ID 1/1 Must use

<u>Code</u>	<u>Name</u>
0	No Acknowledgment Requested

ISA15 I14 **Usage Indicator** M ID 1/1 Must use

<u>Code</u>	<u>Name</u>
P	Production Data
T	Test Data

ISA16 I15 **Component Element Separator** M 1/1 Must use

<i>Type</i>	<i>HEX</i>	<i>ASCII</i>
<i>Data Element Separator</i>	2A	*
<i>Segment Terminator</i>	7E	~
<i>Component Element Separator</i>	3C	<

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS01	479	Functional Identifier Code	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		IN Invoice Information (810,819)				
GS02	142	Application Sender's Code	M	AN	2/15	Must use
GS03	124	Application Receiver's Code	M	AN	2/15	Must use
		<i>The Advance Auto Parts GS ID is: Production: 007941529 Test: 007941529T</i>				
GS04	373	Date	M	DT	8/8	Must use
		<i>Group Date (CCYYMMDD)</i>				
GS05	337	Time	M	TM	4/8	Must use
		<i>Group Time (HHMM)</i>				
GS06	28	Group Control Number	M	NO	1/9	Must use
		<i>The control number in this data element must be identical to the control number provided in the associated GE Control Trailer (GE02)</i>				
GS07	455	Responsible Agency Code	M	ID	1/2	Must use
		<u>Code</u> <u>Name</u>				
		X Accredited Standards Committee X12				
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Must use
		<u>Code</u> <u>Name</u>				
		004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997				

ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use
		<u>Code</u>		<u>Name</u>		
		810		Invoice		
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use

The control number in this data element must be identical to the control number provided in the associated SE Control trailer (SE02)

BIG Beginning Segment for Invoice

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

User Option (Usage): Must use

Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

Semantics:

1. BIG01 is the invoice issue date.
2. BIG03 is the date assigned by the purchaser to purchase order.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BIG01	373	Date	M	DT	8/8	Must use
<i>Invoice date</i>						
BIG02	76	Invoice Number	M	AN	1/22	Must use
<i>Advance Auto Parts will accept an invoice number up to 20 characters in length.</i>						
BIG03	373	Date	O	DT	8/8	Must use
<i>PO date</i>						
BIG04	324	Purchase Order Number	O	AN	1/22	Must use
BIG07	640	Transaction Type Code	O	ID	2/2	Must use
		<u>Code</u>	<u>Name</u>			
		CR	Credit Memo			
		DR	Debit Memo			

REF Reference Identification

Pos: 050	Max: 12
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To specify identifying information

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
		<u>Code</u>				
		PK				Packing List Number
REF02	127	Reference Identification	X	AN	1/30	Must use

Loop Name

Pos: 070	Repeat: 200
	Optional
Loop: N1	Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
070	N1	Name	O	1		Must use

N1**Name**

Pos: 070	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use**Purpose:** To identify a party by type of organization, name, and code**Syntax Rules:**

1. P0304 - If either N103 or N104 is present, then the other is required.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use
<i>One iteration of the N1 segment with N101 = ST is required. One iteration of the N1 segment with N101 = RE or VN is also required.</i>						
		<u>Code</u>		<u>Name</u>		
		RE		Party to receive commercial invoice remittance		
		ST		Ship To		
		VN		Vendor		
N102	93	Name	X	AN	1/60	Must use
N103	66	Identification Code Qualifier	X	ID	1/2	Must use
		<u>Code</u>		<u>Name</u>		
		92		Assigned by Buyer or Buyer's Agent		
N104	67	Identification Code	X	AN	2/80	Must use

FOB F.O.B. Related Instructions

Pos: 150	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify transportation instructions relating to shipment

Semantics:

1. FOB01 indicates which party will pay the carrier.
2. FOB06 is the code specifying the title passage location.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FOB01	146	Shipment Method of Payment	M	ID	2/2	Must use
		<u>Code</u>				
		CC				Collect
		DF				Defined by Buyer and Seller
		PP				Prepaid (by Seller)
FOB06	309	Location Qualifier	X	ID	1/2	Used
		<u>Code</u>				
		DE				Destination (Shipping)
		OR				Origin (Shipping Point)

Loop Baseline Item Data (Invoice)

Pos: 010	Repeat: 200000
Optional	
Loop: IT1	Elements: N/A

User Option (Usage): Used

Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	IT1	Baseline Item Data (Invoice)	O	1		Used
060		Loop PID	O		1000	Recommended
180		Loop SAC	O		25	Used

IT1

Baseline Item Data (Invoice)

Pos: 010	Max: 1
Detail - Optional	
Loop: IT1	Elements: 8

User Option (Usage): Used

Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Syntax Rules:

1. P020304 - If either IT102, IT103 or IT104 are present, then the others are required.
2. P0607 - If either IT106 or IT107 is present, then the other is required.
3. P0809 - If either IT108 or IT109 is present, then the other is required.

Semantics:

1. IT101 is the purchase order line item identification.

This segment is only optional when the invoice is a "Header only" credit memo or adjustment. When the IT1 segment is absent the Summary level SAC segment is required.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IT101	350	PO line Number	O	AN	1/20	Must use
IT102	358	Quantity Invoiced	X	R	1/10	Must use
IT103	355	Unit or Basis for Measurement Code	X	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		EA Each				
IT104	212	Unit Price	X	R	1/17	Must use
		<i>This is intended to be the product unit price. For 'free goods' please include the actual price and provide a corresponding allowance offset at the Summary level in the SAC segment at position 040.</i>				
IT106	235	Product/Service ID Qualifier	X	ID	2/2	Must use
		<i>Either qualifier BP or IN may be sent with the AAP numeric SKU value. Qualifier BP is preferred.</i>				
		<u>Code</u> <u>Name</u>				
		BP Buyer's Part Number (AAP SKU#)				
		IN Buyer's Item Number (AAP SKU#)				
IT107	234	Product/Service ID	X	AN	1/48	Must use
IT108	235	Product/Service ID Qualifier	X	ID	2/2	Must use
		<i>One (but not both) of code VN or VP will be accepted.</i>				
		<u>Code</u> <u>Name</u>				
		VN Vendor's (Seller's) Item Number				
		VP Vendor's (Seller's) Part Number				
IT109	234	Product/Service ID	X	AN	1/48	Must use

Loop Product/Item Description

Pos: 060	Repeat: 1000
Optional	
Loop: PID	Elements: N/A

User Option (Usage): Recommended

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
060	PID	Product/Item Description	O	1		Recommended

PID	Product/Item Description	Pos: 060	Max: 1
		Detail - Optional	
		Loop: PID	Elements: 2

User Option (Usage): Recommended

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PID01	349	Item Description Type	M	ID	1/1	Must use
		<u>Code</u> <u>Name</u>				
		F Free-form				
PID05	352	Description	X	AN	1/80	Used

Loop Service, Promotion, Allowance, or Charge Information

Pos: 180	Repeat: 25
Optional	
Loop: SAC	Elements: N/A

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
180	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 180	Max: 1
Detail - Optional	
Loop: SAC	Elements: 5

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Rules:

1. R0203 - At least one of SAC02 or SAC03 is required.

Semantics:

1. If SAC01 is "A" or "C", then SAC05 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.

Core charges must be provided in the detail/line level SAC segment and cannot be sent at the summary level. All other Allowances and Charges must be sent in the summary level SAC.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Must use

<u>Code</u>	<u>Name</u>
A	Allowance
C	Charge

SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	4/4	Must use
-------	------	--	---	----	-----	----------

<u>Code</u>	<u>Name</u>
B750	Core Charge

SAC05	610	Amount	O	N2	1/15	Must use
-------	-----	---------------	---	----	------	----------

SAC05 for "CORES" is the price for ONE core, per unit, not the extended total of all cores for this item.

The SAC05 Amount element is defined as an implied decimal format (N2). This is an X12 standard. Values transmitted in whole dollar must include all zeros in order for the translator to interpret the amount correctly.

*Ex: 100 transmitted in this element will be calculated as \$1.00
 10000 transmitted in this element will be calculated as \$100.00
 100000 transmitted in this element will be calculated as \$1,000.00*

*The value in the SAC05 will be interpreted by the associated qualifier code in the SAC01 element.
 When the SAC01 code = 'C' the SAC05 is extended and added to the invoice total.
 When the SAC01 code = 'A' the SAC05 is extended and subtracted from the invoice total.*

SAC12	331	Allowance or Charge Method of Handling Code	O	ID	2/2	Must use
-------	-----	--	---	----	-----	----------

<u>Code</u>	<u>Name</u>
-------------	-------------

		02	Off Invoice				
		06	Charge to be Paid by Customer				
SAC15	352	Description		X	AN	1/80	Used

TDS Total Monetary Value Summary

Pos: 010	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To specify the total invoice discounts and amounts

Semantics:

1. TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
2. TDS02 indicates the amount upon which the terms discount amount is calculated.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TDS01	610	Amount	M	N2	1/15	Must use

The TDS01 Amount element is defined as an implied decimal format (N2). This is an X12 standard. Values transmitted in whole dollar must include all zeros in order for the translator to interpret the amount correctly.

*Ex: 100 transmitted in this element is calculated as \$1.00
 10000 transmitted in this element is calculated as \$100.00
 100000 transmitted in this element is calculated as \$1,000.00*

*TDS01 is derived using the following calculation:
 TDS01 Amount = Sum of all IT1Line Item Extensions [IT102 * IT104] rounded to two decimal positions
 + Sum of all IT1 Loop SAC extended core charge amounts (SAC05 element * IT102 where SAC01 element = 'C')
 + Sum of all summary SAC charge amounts (SAC05 element where SAC01 element = 'C')
 - Sum of all summary SAC allowance amounts (SAC05 element where SAC01 element = 'A').*

TDS02	610	Amount	O	N2	1/15	Must use
-------	-----	--------	---	----	------	----------

TDS02= TDS01 – any charges that must not be considered when calculating payment terms discount. For example, Tax charge amounts are not usually included in the amount considered for discount therefore TDS02 would be TDS01 – (Tax amount). Other exclusions from payment terms discount amount may apply.

CAD Carrier Detail

Pos: 030	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

Purpose: To specify transportation details for the transaction

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CAD04	140	Standard Carrier Alpha Code	X	ID	2/4	Used

Loop Service, Promotion, Allowance, or Charge Information

Pos: 040	Repeat: 25
Optional	
Loop: SAC	Elements: N/A

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
040	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 040	Max: 1
Summary - Optional	
Loop: SAC	Elements: 5

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Rules:

1. R0203 - At least one of SAC02 or SAC03 is required.

Semantics:

1. If SAC01 is "A" or "C", then SAC05 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.

1. When the IT1 segment is absent the Summary level SAC segment is required.
2. When Free Goods are provided in the IT1 unit price, an offsetting allowance totaling the sum of all IT1 Free Goods must be provided in the summary SAC with code C680.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>						
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Must use						
		<table border="0"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Allowance</td> </tr> <tr> <td>C</td> <td>Charge</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	A	Allowance	C	Charge				
<u>Code</u>	<u>Name</u>											
A	Allowance											
C	Charge											
SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	4/4	Must use						

The following codes are preferred:

Code	Advance Auto Description
A010	WARRANTY ALLOWANCE
A260	FIELD SUPPORT ALLOWANCE
A380	BATTERY RESERVE
A500	ELECTRONIC MEDIA ALLOWANCE
B210	LONG TERM INCENTIVES
B950	CORE DEVALUATION
C000	DEFECTIVE ALLOWANCE
C310	FIXTURES/SIGNAGE/POG FUNDING
C550	FUEL SURCHARGE
C640	INVOICE CHARGE
C680	FREE GOODS
D240	DC FREIGHT CHARGES
E180	LABOR (REPAIR AND SETTLEMENTS)
E740	NEW STORE ALLOWANCE
E750	DEFERRED INCOME
F180	FULFILLMENT CHARGE
F340	FREIGHT ALLOWANCE
F680	CORE LIQUIDATION CREDIT
F800	VOLUME ALLOWANCE
F910	MARKETING ALLOWANCE
G250	AAP CORE INVENTORY

G290 CUSTOMS, DUTIES AND FEES
 G470 SECOND SOURCE FREIGHT CHARGE
 G830 SHIPPING AND HANDLING FEE
 H000 SPECIAL ALLOWANCE
 H040 FDO FREIGHT
 H660 POLLUTANTS TAX
 H670 FEDERAL EXCISE TAX -TIRES
 H700 ORDER INITIATION COST
 H740 SALES TAX
 H760 SECOND SOURCE SPECIAL CHARGES
 H770 SECOND SOURCE ALLOWANCE
 H780 FREIGHT STORE SUPPLIES
 H790 WV UNIT/CORE RETURN DIFFERENCE
 H830 AR-MISC VNDR INCENTIVE
 I170 TRADE DISCOUNT
 I310 OBSOLESCENCE ALLOWANCE

SAC05	610	Amount	O	N2	1/15	Must use
SAC12	331	Allowance or Charge Method of Handling Code	O	ID	2/2	Must use
		<u>Code</u>				
		02				Off Invoice
		06				Charge to be Paid by Customer
SAC15	352	Description	X	AN	1/80	Used

Loop Invoice Shipment Summary

Pos: 060	Repeat: >1
Optional	
Loop: ISS	Elements: N/A

User Option (Usage): Must use

Purpose: To specify summary details of total items shipped in terms of quantity, weight, and volume

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
060	ISS	Invoice Shipment Summary	O	1		Must use

ISS

Invoice Shipment Summary

Pos: 060	Max: 1
Summary - Optional	
Loop: ISS	Elements: 4

User Option (Usage): Must use

Purpose: To specify summary details of total items shipped in terms of quantity, weight, and volume

Syntax Rules:

1. R010305 - At least one of ISS01, ISS03 or ISS05 is required.
2. P0102 - If either ISS01 or ISS02 is present, then the other is required.
3. P0304 - If either ISS03 or ISS04 is present, then the other is required.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISS01	382	Number of Units Shipped	X	R	1/10	Must use
<i>Total quantity of all line items shipped for this invoice. The number of units shipped may be zero.</i>						
ISS02	355	Unit or Basis for Measurement Code	X	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		EA Each				
ISS03	81	Weight	X	R	1/10	Used
ISS04	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		LB Pound				

CTT Transaction Totals

Pos: 070	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items	M	NO	1/6	Must use

The CTT 01 is a required numeric value used to convey the number of IT1 segments in the invoice. If no IT1 segment is present, enter a value of '0' (Zero)

SE Transaction Set Trailer

Pos: 080	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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)

Element Summary:

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

The control number in this data element must be identical to the control number provided in the associated ST Control Header (ST02)

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GE01	97	Number of Transaction Sets Included	M	N0	1/6	Must use
GE02	28	Group Control Number	M	N0	1/9	Must use

The control number in this data element must be identical to the control number provided in the associated GS Control Header (GS02)

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IEA01	I16	Number of Included Functional Groups	M	NO	1/5	Must use
IEA02	I12	Interchange Control Number	M	NO	9/9	Must use

The control number in this data element must be identical to the control number provided in the associated Interchange Control Header (ISA02).