

Amazon Purchase Order Acknowledgment

X12 4010

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Author:	Amazon.com
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855 Purchase Order Acknowledgment

Functional Group=**PR**

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) 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 a seller's acknowledgment of a buyer's purchase order. This transaction set can also be used as notification of a vendor generated order. This usage advises a buyer that a vendor has or will ship merchandise as prearranged in their partnership.

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
	ISA	Interchange Control Header	M	1		
	GS	Functional Group Header	M	1		

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
010	ST	Transaction Set Header	M	1		
020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1		

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
LOOP ID - PO1					100000	N2/010L
010	PO1	Baseline Item Data	M	1		N2/010
040	CTP	Pricing Information	C	>1		
LOOP ID - ACK					104	
270	ACK	Line Item Acknowledgment	M	1		
280	DTM	Date/Time Reference	C	1		

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
LOOP ID - CTT					1	N3/010L
010	CTT	Transaction Totals	O	1		N3/010
030	SE	Transaction Set Trailer	M	1		

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
	GE	Functional Group Trailer	M	1		
	IEA	Interchange Control Trailer	M	1		

ISA Interchange Control Header

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2
		<u>Code</u> <u>Name</u>			
		00 No Authorization Information Present (No Meaningful Information in I02)			
ISA02	I02	Authorization Information	M	AN	10/10
ISA03	I03	Security Information Qualifier	M	ID	2/2
		<u>Code</u> <u>Name</u>			
		00 No Security Information Present (No Meaningful Information in I04)			
ISA04	I04	Security Information	M	AN	10/10
ISA05	I05	Interchange ID Qualifier	M	ID	2/2
		<u>Code</u> <u>Name</u>			
		ZZ Mutually Defined			
ISA06	I06	Interchange Sender ID	M	AN	15/15
		External Information: <i>This field will be the senders EDI ID</i>			
ISA07	I05	Interchange ID Qualifier	M	ID	2/2
		<u>Code</u> <u>Name</u>			
		ZZ Mutually Defined			
ISA08	I07	Interchange Receiver ID	M	AN	15/15
		External Information: <i>This field will be Amazon's EDI ID</i>			
		Formatting Notes: <i>AMAZON</i>			
ISA09	I08	Interchange Date	M	DT	6/6
		External Information: <i>This field will be the date that the EDI message was created</i>			
		Formatting Notes: <i>YYMMDD</i>			
ISA10	I09	Interchange Time	M	TM	4/4
		Formatting Notes: <i>HHMM</i>			
ISA11	I65	Repetition Separator	M		1/1
ISA12	I11	Interchange Control Version Number	M	ID	5/5
		<u>Code</u> <u>Name</u>			
		00400 ASC X12 Standards Issued as ANSI X12.5-1997			
ISA13	I12	Interchange Control Number	M	N0	9/9
		External Information: <i>This field will be a control number that represents the ISA - IEA transaction</i>			
ISA14	I13	Acknowledgment Requested	M	ID	1/1
		<u>Code</u> <u>Name</u>			
		0 No Acknowledgment Requested			
ISA15	I14	Usage Indicator	M	ID	1/1
		<u>Code</u> <u>Name</u>			
		P Production Data			
ISA16	I15	Component Element Separator	M		1/1
		Formatting Notes: <i>'></i>			

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
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Segment Use:

Please note: Only one ISA per file is accepted by Amazon.com. More than one ISA segment per file will result in that file rejecting in the Amazon.com system.

Sample Data:

ISA*00* *00* *ZZ*VENDOR *ZZ*AMAZON *070801*0200*U*00400*000013229*0*P*>

GS Functional Group Header

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
GS01	479	Functional Identifier Code	M	ID	2/2
		<u>Code</u> <u>Name</u> PR Purchase Order Acknowledgment (855)			
GS02	142	Application Sender's Code	M	AN	2/15
		External Information: <i>This field will be the senders ID</i>			
GS03	124	Application Receiver's Code	M	AN	2/15
		External Information: <i>This field will be Amazon's ID</i>			
		Formatting Notes: AMAZON			
GS04	373	Date	M	DT	8/8
		External Information: <i>This field will be the date the EDI was created</i>			
		Formatting Notes: CCYYMMDD			
GS05	337	Time	M	TM	4/8
		Formatting Notes: HHMM			
GS06	28	Group Control Number	M	N0	1/9
		External Information: <i>This field will be a control number that represents the GS - GE transaction</i>			
GS07	455	Responsible Agency Code	M	ID	1/2
		<u>Code</u> <u>Name</u> X Accredited Standards Committee X12			
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12
		<u>Code</u> <u>Name</u> 004010 Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997			

Semantics:

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

Segment Use:

Please note: Only one GS per file is accepted by Amazon.com. More than one GS segment per file will result in that file rejecting in the Amazon.com system.

Sample Data:

GS*PR*VENDOR*AMAZON*20070801*0200*5517*X*004010

ST Transaction Set Header

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element 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>Name</u>			
		855 Purchase Order Acknowledgment			
ST02	329	Transaction Set Control Number	M	AN	4/9

External Information: *This field will be a control number that represents the ST - SE transaction*

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).

Sample Data:

ST*855*000007317

BAK Beginning Segment for Purchase Order Acknowledgment

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
BAK01	353	Transaction Set Purpose Code	M	ID	2/2
		<u>Code</u> <u>Name</u>			
		00 Original			
BAK02	587	Acknowledgment Type	M	ID	2/2
		<u>Code</u> <u>Name</u>			
		AC Acknowledge - With Detail and Change			
		AD Acknowledge - With Detail, No Change			
		ZZ Mutually Defined			
BAK03	324	Purchase Order Number	M	AN	1/22
		External Information: <i>This field will be the Amazon PO number that this message is acknowledging</i>			
		Formatting Notes: <i>annnnnnn</i>			
BAK04	373	Date	M	DT	8/8
		External Information: <i>This field will be the PO date</i>			
		Formatting Notes: <i>CCYYMMDD</i>			

Semantics:

1. BAK04 is the date assigned by the purchaser to purchase order.

Segment Use:

Please Note: All of BAK01, BAK02, BAK03 and BAK04 are mandatory and must be present or the file will reject in the Amazon.com systems.

Sample Data:

*BAK*00*AC*U7229659*20070801*

PO1 Baseline Item Data

Pos: 010 Max: 1
 Detail - Mandatory
 Loop: PO1 Elements: 7

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>																						
PO101	350	Assigned Identification	O	AN	1/20																						
PO102	330	Quantity Ordered	M	R	1/15																						
<i>External Information: This field will be the quantity for this item that was ordered by Amazon in the PO.</i>																											
PO103	355	Unit or Basis for Measurement Code	M	ID	2/2																						
<table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>CA</td> <td>Case</td> </tr> <tr> <td>EA</td> <td>Each</td> </tr> <tr> <td>UN</td> <td>Unit</td> </tr> </table>						<u>Code</u>	<u>Name</u>	CA	Case	EA	Each	UN	Unit														
<u>Code</u>	<u>Name</u>																										
CA	Case																										
EA	Each																										
UN	Unit																										
PO104	212	Unit Price	M	R	1/17																						
<i>External Information: This field will contain the cost price to Amazon.com and should match the cost price on the invoice.</i>																											
PO105	639	Basis of Unit Price Code	M	ID	2/2																						
<table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>NT</td> <td>Net</td> </tr> </table>						<u>Code</u>	<u>Name</u>	NT	Net																		
<u>Code</u>	<u>Name</u>																										
NT	Net																										
PO106	235	Product/Service ID Qualifier	M	ID	2/2																						
<i>External Information: Please note this is a required field, if this is left blank the file will reject in Amazon.com systems.</i>																											
<table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>BP</td> <td>Buyer's Part Number</td> </tr> <tr> <td>EA</td> <td>EAN-99 In-store Coupon Code</td> </tr> <tr> <td>EN</td> <td>European Article Number (EAN) (2-5-5-1)</td> </tr> <tr> <td>IB</td> <td>International Standard Book Number (ISBN)</td> </tr> <tr> <td>MG</td> <td>Manufacturer's Part Number</td> </tr> <tr> <td>UA</td> <td>U.P.C./EAN Case Code (2-5-5)</td> </tr> <tr> <td>UK</td> <td>U.P.C./EAN Shipping Container Code (1-2-5-5-1)</td> </tr> <tr> <td>UP</td> <td>U.P.C. Consumer Package Code (1-5-5-1)</td> </tr> <tr> <td>VN</td> <td>Vendor's (Seller's) Item Number</td> </tr> <tr> <td>VP</td> <td>Vendor's (Seller's) Part Number</td> </tr> </table>						<u>Code</u>	<u>Name</u>	BP	Buyer's Part Number	EA	EAN-99 In-store Coupon Code	EN	European Article Number (EAN) (2-5-5-1)	IB	International Standard Book Number (ISBN)	MG	Manufacturer's Part Number	UA	U.P.C./EAN Case Code (2-5-5)	UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)	UP	U.P.C. Consumer Package Code (1-5-5-1)	VN	Vendor's (Seller's) Item Number	VP	Vendor's (Seller's) Part Number
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UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)																										
UP	U.P.C. Consumer Package Code (1-5-5-1)																										
VN	Vendor's (Seller's) Item Number																										
VP	Vendor's (Seller's) Part Number																										
PO107	234	Product/Service ID	M	AN	1/48																						
<i>External Information: This field will be the item ID. Please note this is a required field, if this is left blank the file will reject in Amazon.com systems.</i>																											

Sample Data:

PO1*1*16*EA*10.96*NT*EN*9780764327834

CTP Pricing Information

Pos: 040	Max: >1
Detail - Conditional	
Loop: PO1	Elements: 7

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
CTP01	687	Class of Trade Code	O	ID	2/2
CTP02	236	Price Identifier Code	M	ID	3/3
		<u>Code</u> <u>Name</u>			
		LPR List Price			
		SLP Suggested List Price			
CTP03	212	Unit Price	M	R	1/17
		External Information: This field will contain the list price of the book.			
CTP04	380	Quantity	M	R	1/15
CTP05	C001	Composite Unit of Measure	M	Comp	
	355	Unit or Basis for Measurement Code	M	ID	2/2
		<u>Code</u> <u>Name</u>			
		CA Case			
		EA Each			
		UN Unit			
CTP06	648	Price Multiplier Qualifier	M	ID	3/3
		<u>Code</u> <u>Name</u>			
		DIS Discount Multiplier			
CTP07	649	Multiplier	M	R	1/10
		External Information: This field will be the discount multiplier that should be applied to the price			

Semantics:

1. CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.

Segment Use:

The CTP segment is required only if a vendor sells books with a list price. Do not include the CTP segment if there is no list price on the book, or if you do not have product data. If the CTP segment is included and is missing any of the required data, the file will reject in the Amazon.com systems.

Sample Data:

CTP**SLP*9.95*103*UN*DIS*.44

ACK Line Item Acknowledgment

Pos: 270 Max: 1
 Detail - Mandatory
 Loop: ACK Elements: 5

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
ACK01	668	Line Item Status Code	M	ID	2/2
<p>External Information: <i>If either IS, AN, BC, BH, IF, IH, IW are used, the messages contained in this file will reject in the Amazon.com systems. For a complete list please see Appendix A.</i></p>					
ACK02	380	Quantity	M	R	1/15
<p>External Information: <i>This field will be the quantity of this item that relates to the ACK code in ACK01. This value should not be zero.</i></p>					
ACK03	355	Unit or Basis for Measurement Code	M	ID	2/2
<p>Code Name CA Case EA Each UN Unit</p>					
ACK04	374	Date/Time Qualifier	O	ID	3/3
<p>Code Name 068 Current Schedule Ship</p>					
ACK05	373	Date	C	DT	8/8
<p>Formatting Notes: CCYYMMDD</p>					

Segment Use:

*Please Note: The ACK segment is a mandatory part of the 855 and any message without it will be rejected in the Amazon.com systems. For a list of ACK codes please see Appendix A.
 If you can provide Estimated Shipment Dates you have to state it in ACK05 with ACK04 qualifier 068.*

Sample Data:

ACK*IA*16*EA*068*20070815

DTM Date/Time Reference

Pos: 280	Max: 1
Detail - Conditional	
Loop: ACK	Elements: 2

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3
		<u>Code</u> <u>Name</u>			
		067 Current Schedule Delivery			
DTM02	373	Date	M	DT	8/8

Formatting Notes: CCYYMMDD

Segment Use:

If you can provide Estimated delivery dates per line item, you have to state these in DTM02 with DTM01 qualifier 067.

Sample Data:

DTM*067*20070801

CTT Transaction Totals

Pos: 010	Max: 1
Summary - Optional	
Loop: CTT	Elements: 2

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
CTT01	354	Number of Line Items	O	N0	1/6
<i>External Information: This field will be the number of line the logical count of PO1 segments.</i>					
CTT02	347	Hash Total	O	R	1/10
<i>External Information: This field will be the sum of the value of quantities ordered (PO102) for each PO1 segment.</i>					

Sample Data:

CTT*5*5

SE Transaction Set Trailer

Pos: 030	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
SE01	96	Number of Included Segments	M	N0	1/10
SE02	329	Transaction Set Control Number	M	AN	4/9

Sample Data:

SE*14*000007317

GE Functional Group Trailer

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

Element Summary:

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

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.

Sample Data:

GE*1*5517

IEA Interchange Control Trailer

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
IEA01	116	Number of Included Functional Groups	M	N0	1/5
IEA02	112	Interchange Control Number	M	N0	9/9

Sample Data:

IEA*1*000013229