



EDI Implementation Guide

B2B 855 Purchase Order Acknowledgment X12 Version 004010

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855 Purchase Order Acknowledgment

Functional Group ID=PR

Introduction:

This Standard 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.

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	010	ST	Transaction Set Header	M	1		
M	020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	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>	<u>Notes and Comments</u>
			LOOP ID - PO1			100000	
M	010	PO1	Baseline Item Data	O	1		n1
			LOOP ID - ACK			104	
M	270	ACK	Line Item Acknowledgment	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>	<u>Notes and Comments</u>
			LOOP ID - CTT			1	
M	010	CTT	Transaction Totals	O	1		n3
M	030	SE	Transaction Set Trailer	M	1		



Segment: **ST** Transaction Set Header
 Position: 010
 Loop:
 Level: Heading
 Usage: Mandatory
 Max Use: 1
 Purpose: To indicate the start of a transaction set and to assign a control number
 Syntax Notes:
 Semantic Notes: **1** The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
 Comments:

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9



Segment: **BAK** Beginning Segment for Purchase Order Acknowledgment
 Position: 020
 Loop:
 Level: Heading
 Usage: Mandatory
 Max Use: 1
 Purpose: To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates

Syntax Notes:
 Semantic Notes: 1 BAK04 is the date assigned by the purchaser to purchase order.
 Comments:

Data Element Summary

	Ref.	Data		Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	BAK01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 06 Confirmation	M ID 2/2
M	BAK02	587	Acknowledgment Type Code specifying the type of acknowledgment AD Acknowledge - With Detail, No Change RD Rejected with Detail	M ID 2/2
M	BAK03	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser Original Purchase Order Number from BEG.03	M AN 1/22
M	BAK04	373	Date Date expressed as CCYYMMDD Original Purchase Order Date from the BEG.05	M DT 8/8



Segment: **PO1** Baseline Item Data
 Position: 010
 Loop: PO1 Optional
 Level: Detail
 Usage: Optional
 Max Use: 1
 Purpose: To specify basic and most frequently used line item data
 Syntax Notes: 1 If either PO106 or PO107 is present, then the other is required.
 Semantic Notes:
 Comments: 1 See the Data Element Dictionary for a complete list of IDs.
 2 PO101 is the line item identification.

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PO101	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
M	PO102	330	Quantity Ordered Quantity ordered	X R 1/15
M	PO104	212	Unit Price Price per unit of product, service, commodity, etc.	X R 1/17
M	PO106	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) VP Vendor Part Number	X ID 2/2
M	PO107	234	Product/Service ID Identifying number for a product or service Vendor Part Number	X AN 1/48



Segment: **ACK** Line Item Acknowledgment

Position: 270

Loop: ACK Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item

Syntax Notes: 1 If either ACK02 or ACK03 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	ACK01	668	Line Item Status Code Code specifying the action taken by the seller on a line item requested by the buyer	M ID 2/2
			IA	Item Accepted
			IR	Item Rejected



Segment: **CTT** Transaction Totals

Position: 010

Loop: CTT Optional

Level: Summary

Usage: Optional

Max Use: 1

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

Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.

2 If either CTT05 or CTT06 is present, then the other is required.

Semantic Notes:

Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	CTT01	354	Number of Line Items Total number of line items in the transaction set	M NO 1/6



Segment: **SE** Transaction Set Trailer
 Position: 030
 Loop:
 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)

Syntax Notes:
 Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M NO 1/10
M	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

