



Walgreens

850 Purchase Order

Version 4010

850 Purchase Order

Functional Group = PO

Header

USER REQ	REQ DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
M	M	1	010	ST	Transaction Set Header
M	M	1	020	BEG	Beginning Segment for Purchase Order
O	O	>1	050	REF	Reference Identification
O	O	3	060	PER	Administrative Communications Contact
LOOP SAC Max: 25 Optional					
M	M	1	120	SAC	Service, Promotion, Allowance, or Charge Information
M	O	10	150	DTM	Date/Time Reference
O	O	25	210	PWK	Paperwork
O	O	12	240	TD5	Carrier Details (Routing Sequence/Transit Time)
LOOP N1 Max: 200 Required					
M	M	1	310	N1	Name
O	O	2	320	N2	Additional Name Information
M	O	2	330	N3	Address Information
M	O	>1	340	N4	Geographic Location

Detail

USER REQ	REQ DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
LOOP PO1 Max: 100000 Required					
M	M	1	010	PO1	Baseline Item Data
LOOP CTP Max: 1 Optional					
M	M	1	040	CTP	Pricing Information
LOOP PID Max: 1000 Required					
M	M	1	050	PID	Product/Item Description
M	O	12	250	TD5	Carrier Details (Routing Sequence/Transit Time)
O	O	>1	289	MSG	Message Text

Summary

USER REQ	REQ DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
				LOOP CTT	Max: 1 Required
M	M	1	010	CTT	Transaction Totals
M	M	1	030	SE	Transaction Set Trailer

ST**ST Transaction Set Header****Position:** 010**Loop:****Level:** Header**User Req:** Required**Max Use:** 1**Notes:** Example: ST*850*0001

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	ST01	143	Transaction Set Identifier Code Code identifying purpose of transaction set 850 Purchase Order	ID	3/3
M	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	AN	4/9

BEG Beginning Segment for Purchase Order**Position:** 020**Loop:****Level:** Header**User Req:** Required**Max Use:** 1**Notes:** Example: BEG*00*SA*PONUM-001**YYYYMMDD

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	BEG01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original	ID	2/2
M	M	BEG02	92	Purchase Order Type Code Code specifying the type of Purchase Order SA Stand-alone Order	ID	2/2
M	M	BEG03	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	AN	1/22
M	M	BEG05	373	Date Date assigned by the purchaser to Purchase Order, expressed as CCYYMMDD. This is the Order Date	DT	8/8

REF

REF Reference Identification

Position: 050**Loop:****Level:** Header**User Req:** Optional**Max Use:** >1**Notes:** Example:
REF*IA*VENDORNUM
REF*CO*202001650090501

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification IA Internal Vendor Number CO Customer Order Number	ID	2/3
X	O	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier.	AN	1/30

PER
PER Administrative Communications Contact
Position: 060

Loop:
Level: Header

User Req: Optional

Max Use: 3

Notes: Example: PER*OD*OrderingDepartment*TE*1-800-123-4567

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named OD Order Department BD Buyer Name or Department	ID	2/2
O	O	PER02	93	Name	AN	1/60
X	O	PER03	365	Communication Number Qualifier Code identifying the type of communication number TE Telephone	ID	2/2
X	O	PER04	364	Communication Number Complete communications number including country or area code when applicable. Contains the contact telephone number for given order department.	AN	1/80

SAC
SAC Service, Promotion, Allowance, or Charge Information
Position: 120

Loop: SAC

Level: Header

User Req: Required

Max Use: 1

Notes: Examples:

SAC*N*F050*****Thank you for shopping at ONLINE!

SAC*S*H151*****From mom and dad!

SAC*N*G821***0~

SAC*N*H850***79~

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	SAC01	248	Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified N No Allowance or Charge C Charge S Service	ID	1/1
X	O	SAC02	1300	Service, Promotion, Allowance, or Charge Code Code identifying the service, promotion, allowance, or charge F050 Packslip Message H151 Gift Message G821 Customer Shipping H850 Customer Tax	ID	4/4
M	O	SAC05	610	Amount When SAC01 = 'N', the Amount will be a value required on the packing slip. When SAC01 = 'N' and SAC02 = 'G821' or 'H850' the amount is to be displayed on the packing slip. These values are not charges to be included on an Invoice are read only.	N2	1/15
X	O	SAC15	352	Description A free-form description to clarify the related data elements and their content. If SAC02 = F050 then packslip message. If SAC02 = H151 then gift message. *Otherwise, optional description of charge or allowance used on the packing slips.	AN	1/80

DTM**DTM Date/Time Reference****Position:** 150**Loop:****Level:** Header**User Req:** Required**Max Use:** 10**Notes:** Examples:
DTM*006*20200929~
DTM*001*20201006~
DTM*017*20201009~

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	DTM01	374	Date/Time Qualifier	ID	3/3
				006 Sold		
				001 Cancel After		
				017 Estimated Delivery		
M	O	DTM02	373	Date	DT	8/8

PWK Paperwork
Position: 210

Loop:
Level: Header

User Req: Optional

Max Use: 25

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	PWK01	755	Report Type Code Code indicating the title or contents of a document, report or supporting item	ID	2/2
				R5 Technical Information		
X	O	PWK05	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67)	ID	1/2
				UR Uniform Resource Locator (URL)		
X	O	PWK06	67	Identification Code Code identifying URL type	AN	2/80
X	O	PWK07	352	Description A free-form description of URL	AN	1/80

TD5

TD5 Carrier Details (Routing Sequence/Transit Time)

Position: 240**Loop:****Level:** Header**User Req:** Optional**Max Use:** 12

Notes: The TD505 is the Ship Code. It tells you the preferred carrier and service level. Please contact your Onboarding specialist for the complete list of codes that are in play for this relationship.

If any of the codes sent begin with UNSP they mean Unspecified. You are allowed to select whatever carrier you prefer (FedEx, UPS, etc), but you must provide the shipment level requested (Ground, Next Day, etc) and report the exact code used back in the 856.

Shipmethod codes can be found in the Logicbroker portal under Account->Shipment Options

EXAMPLE: TD5*****UPSN_CG

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	O	TD505	387	Routing	AN	1/35
				Free-form description of the routing or requested routing for shipment, or the originating carrier's identity.		

N1 Name**N1**

Position: 310
Loop: N1
Level: Header
User Req: Required
Max Use: 1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	N101	98	Entity Identifier Code	ID	2/3
				BT Bill-to-Party		
				ST Ship To		
M	O	N102	93	Name	AN	1/60
M	O	N103	66	Identification Code Qualifier	ID	1/2
M	O	N104	67	Identification Code	AN	2/80

N2**N2 Additional Name Information****Position:** 320**Loop:** N1**Level:** Header**User Req:** Optional**Max Use:** 2

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
O	M	N201	93	Name	AN	1/60
				First Name		
O	O	N202	93	Name	AN	1/60
				Last Name		

N3**N3 Address Information****Position:** 330**Loop:** N1**Level:** Header**User Req:** Required**Max Use:** 2

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	N301	166	Address Information	AN	1/55
				Street Address 1		
O	O	N302	166	Address Information	AN	1/55
				Street Address 2		

N4**N4 Geographic Location****Position:** 340**Loop:** N1**Level:** Header**User Req:** Required**Max Use:** >1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	O	N401	19	City Name	AN	2/30
M	O	N402	156	State or Province Code	ID	2/2
M	O	N403	116	Postal Code	ID	3/15
M	O	N404	26	Country Code	ID	2/3

PO1**PO1 Baseline Item Data****Position:** 010**Loop:** PO1**Level:** Detail**User Req:** Required**Max Use:** 1

Notes: If you notice problems with the SKUs sent to you by your merchant, please call your representative there immediately. LogicBroker does not maintain vendor SKU lists. SKUs contained in your Purchase Order come from what is setup with the merchant. We cannot alter the SKUs that are sent to us in the original PO.

EXAMPLE: PO1*01*1*EA*205*TE*SK*MS-123*VN*VN-123~

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	O	PO101	350	Assigned Identification Merchant line number. Required to be returned in the shipment confirmation.	AN	1/20
M	O	PO102	330	Quantity Ordered Quantity ordered	R	1/15
M	O	PO103	355	Unit or Basis for Measurement Code EA Each	ID	2/2
M	O	PO104	212	Unit Price Price per unit of product, service, commodity, etc.	R	1/17
M	O	PO105	639	Basis of Unit Price Code TE Contract Price per Each	ID	2/2
M	O	PO106	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) Indicates that the Merchant SKU for the product is contained in the PO107 data element.	ID	2/2
M	O	PO107	234	SK Stock Keeping Unit (SKU) Product/Service ID Merchant's product SKU	AN	1/48
M	O	PO108	235	Product/Service ID Qualifier Indicates that the Vendor SKU for the product is contained in the PO109 data element.	ID	2/2
M	O	PO109	234	VN Vendor's (Seller's) Item Number Product/Service ID Vendor's product SKU	AN	1/48
O	O	PO110	235	Product/Service ID Qualifier UP U.P.C. Consumer Package Code (1-5-5-1)	ID	2/2

X	O	PO111	234	Product/Service ID	AN	1/48
				UPC for given product.		
M	O	PO117	234	Product/Service ID	AN	1/48

CTP Pricing Information

Position: 040**Loop:** CTP**Level:** Detail**User Req:** Required**Max Use:** 1**Notes:** EXAMPLE:
CTP*RS*RES*379.99

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
O	O	CTP01	687	Class of Trade Code Code indicating class of trade RS Resale	ID	2/2
X	O	CTP02	236	Price Identifier Code Code identifying pricing specification RES Resale	ID	3/3
X	O	CTP03	212	Unit Price Price per unit of product, service, commodity, etc. The unit price to the customer	R	1/17

PID
PID Product/Item Description
Position: 050

Loop: PID

Level: Detail

User Req: Required

Max Use: 1

Notes: This item level PID is used to convey specific item information that is generally only needed on a packing slip at the item level. If you are using the packing slips generated by Logicbroker you can generally disregard these unless you have a special need for them. If you are creating your own packing slips please refer to the Packing Slip Guide in the Resource Center for more specific notes on their use.

EXAMPLES:

PID*F*08***ARMOIRE

PID*F*35***CHE

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	PID01	349	Item Description Type Code indicating the format of a description F Free-form	ID	1/1
O	O	PID02	750	Product/Process Characteristic Code Code identifying the general class of a product or process characteristic 08 Product 35 Color SIZ Sizing	ID	2/3
X	O	PID05	352	Description A free-form description to clarify the related data elements and their content When PID02 = 08 this element contains the product description. When PID02 = 35 this element contain the color code.	AN	1/80

TD5

TD5 Carrier Details (Routing Sequence/Transit Time)

Position: 250**Loop:** PO1**Level:** Detail**User Req:** Required**Max Use:** 12**Notes:** This TD5 should mirror the one sent at the header level. It is sent so that you have flexibility in where you pick it up from and the same rules apply as the header level version.

EXAMPLE: TD5*****UNSP_CG

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
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M	O	TD505	387	Routing	AN	1/35
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The TD505 is the Ship Code. It tells you the preferred carrier and service level. Please contact your Onboarding specialist for the complete list of codes that are in play for this relationship.

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Shipmethod codes can be found in the Logicbroker portal under Account->Shipment Options

EXAMPLE: TD5*****UPSN_CG

MSG**MSG Message Text****Position:** 289**Loop:** PO1**Level:** Detail**User Req:** Optional**Max Use:** >1**Notes:** Up to 4 MSG segments can be passed.

EXAMPLE: MSG*Sample MSG

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	MSG01	933	Free-Form Message Text	AN	1/264
				Free-form message text.		
				This may contain personalization information. Personalization data is presented as 'name = value' where name is the type of personalization data being provided and value is the actual personalized data. The equal sign is not part of the personalized data. In cases where a merchant does not provide a name for the type of personalization, the data string will begin with the equal sign followed by the uncategorized personalized data.		

CTT**CTT Transaction Totals****Position:** 010**Loop:** CTT**Level:** Summary**User Req:** Required**Max Use:** 1**Notes:** EXAMPLE: CTT*1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	CTT01	354	Number of Line Items Total number of line items in the transaction set	N0	1/6

SE**SE Transaction Set Trailer****Position:** 030**Loop:****Level:** Summary**User Req:** Required**Max Use:** 1**Notes:** EXAMPLE: SE*43*0001

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	N0	1/10
M	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	AN	4/9