



# **EDI Implementation Guidelines**

## **850/856/997**

**Revised: Version 3.7**  
**January 2019**

**Latest additions:**

Updated LIN02 and LIN03 from Used to Mandatory in the 856.  
Changed the qualifier in the DTM01 in the 850 to "002" from "011" for Delivery Requested Date.  
Changed Bartell EDI Contact to EDI Support email address.  
Added New Bartell Logo to Document.  
Added Highlights to draw attention to Mandatory Requirements and updated dates and notes.  
Added N1 Highlights for Store Number in 856.  
Added LIN01 Element for Line numbering in the Ship Notice/Manifest (856).  
Added PO101 Element for Line numbering in the 850.  
Added PO4 Segment to the 850 for the PO401 element.  
Added the AMT Segment to the 850 for the AMT01 and AMT02 elements.



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## **EDI Contacts:**

### **Bartell EDI Support:**

EDI Support

Email: [EDISupport@bartelldrugs.com](mailto:EDISupport@bartelldrugs.com)

### **Commport VAN:**

EDI Help Desk

Phone: (905) 727-6782 – EDI Option

Fax: (905) 727-7251

Email : [support@commport.com](mailto:support@commport.com)

## **Bartell EDI ID:**

**Qualifier = 12**

**ISA ID = 2067671376**

**GS ID = 2067671376**

**Bartell EDI Version = 004010 X12**

**Network = COMMPORT**



## 850 Purchase Order: 004010

SEGMENT	ELEMENT	NAME	USAGE	RE Q' D	LENGTH
<b>BEG</b>		<b>BEGINNING SEGMENT FOR PURCHASE ORDER</b>		<b>M</b>	
	01	353	TRANSACTION SET PURPOSE CODE	M	2/2
	02	92	PURCHASE ORDER TYPE CODE	M	2/2
	03	324	PURCHASE ORDER NUMBER	M	1/22
	05	373	DATE	M	8/8
<b>DTM</b>		<b>DATE/TIME REFERENCE</b>		<b>O</b>	
	01	374	DATE / TIME QUALIFIER	M	3/3
	02	373	DATE	C	8/8
<b>N1</b>		<b>NAME</b>		<b>M</b>	
	01	98	ENTITY IDENTIFIER CODE	M	2/3
	02	93	NAME	C	1/60
	03	66	IDENTIFICATION CODE QUALIFIER	C	1/2
	04	67	IDENTIFICATION CODE	C	2/80
<b>N3</b>		<b>ADDRESS INFORMATION</b>		<b>O</b>	
	01	166	ADDRESS INFORMATION	M	1/55
	02	166	ADDRESS INFORMATION	O	1/55
<b>N4</b>		<b>GEOGRAPHIC LOCATION</b>		<b>O</b>	
	01	19	CITY NAME	O	2/30
	02	156	STATE CODE	O	2/2
	03	116	ZIP CODE	O	3/15
	04	26	COUNTRY CODE	O	2/3

<b>P01</b>			<b>BASELINE ITEM DATA</b>		<b>M</b>	
	01	350	<b>ASSIGNED IDENTIFICATION</b>	<b>Line numbering</b>	<b>M</b>	1/20
	02	380	QUANTITY ORDERED	Quantity ordered	C	1/15
	03	355	UNIT OR BASIS FOR MEASUREMENT CODE	Code specifying the units in which a value is being expressed.	O	2/2
	04	212	UNIT PRICE	Price per unit of product, service, commodity, etc. "VC"	C	1/17
	06	235	PRODUCT/SERVICE ID QUALIFIER	Vendor Code	C	2/2
	07	234	PRODUCT/SERVICE ID	"UP"	C	1/48
	08	235	PRODUCT/SERVICE ID QUALIFIER	UPC Code	C	2/2
	09	234	PRODUCT/SERVICE ID		C	1/48
<b>P04</b>			<b>Item Physical Details</b>		<b>(US ED) O</b>	
01	356	PACK	The number of inner containers, or number of eaches if there are no inner containers, per outer container	O	1/6	
<b>CTT</b>			<b>TRANSACTION TOTALS</b>		<b>(US ED) O</b>	
01	354	NUMBER OF LINE ITEMS	Total number of line items on the transaction set	M	1/6	
<b>AMT</b>			<b>Monetary Amount Information</b>		<b>(US ED) O</b>	
01	522	Amount Qualifier Code	Code to qualify amount "TT"	M	1/3	
02	782	Monetary Amount	Monetary amount	M	1/18	



### Example 850 – Purchase Order

ISA\*00\* \*00\* \*12\*2067671376 \*ZZ\*VENDOR \*170104\*1511\*U\*00401\*00000001\*0\*P\*>  
GS\*PO\*2067671376\* VENDOR \*20170104\*1511\*1\*X\*004010  
ST\*850\*0001  
BEG\*00\*SA\*S18-11111\*\*20170104  
DTM\*011\*20170104  
N1\*ST\*BARTELL #18 Kingsgate\*91\*018  
N3\*14442 124th Avenue NE  
N4\*Kirkland\*WA\*98034\*USA  
PO1\*1\*12\*EA\*0.11\*\*VC\*111111\*UI\*000011111115  
PO4\*1  
PO1\*2\*12\*EA\*0.22\*\*VC\*222222\*UI\*000002222226  
PO4\*1  
PO1\*3\*24\*EA\*0.33\*\*VC\*333333\*UI\*000003333334  
PO4\*1  
CTT\*3  
AMT\*TT\*11.88  
SE\*15\*0001  
GE\*1\*1  
IEA\*00001\*000000001



## 856 Advanced Shipping Notice: 004010

SEGMENT	ELEMENT	NAME	USAGE	REQ'D	LENGTH	
<b>BSN</b>		<b>BEGINNING</b>		<b>M</b>		
	01	353	TRANSACTION SET PURPOSE CODE	Code identifying purpose of transaction set (00- Original)	M	2/2
	02	92	SHIPMENT IDENTIFICATION	ASN Number	M	2/30
	03	373	DATE	Date expressed as CCYYMMDD	M	8/8
	04	337	TIME	Shipment Time	M	4/8
	05	1005	HIERARCHICAL STRUCTURE CODE	"0001" - SOPI	M	4/4
<b>HL</b>		<b>HIERARCHICAL LEVEL</b>		<b>M</b>		
	01	628	HIERARCHICAL ID NUMBER	"1"	M	1/12
	03	735	HIERARCHICAL LEVEL CODE	"S" - Shipment	M	1/2
<b>TD1</b>		<b>CARRIER DETAILS(QTY &amp; WT)</b>		<b>M</b>		
	01	103	PACKAGING CODE	e.g "CTN76"	O	3/5
	02	80	LADING QUANTITY	Total Containers	M	1/7
	06	187	WEIGHT QUALIFIER	"G"	C	1/2
	07	81	WEIGHT	Total Shipment Weight	O	1/10
	08	355	WEIGHT UNIT OF MEASURE	"LB"	C	2/2
<b>TD5</b>		<b>CARRIER DETAILS(ROUTING)</b>		<b>M</b>		
	02	66	ID CODE QUALIFIER	"2" - SCAC Code	C	1/2
	03	67	ID CODE	SCAC Code	O	2/80
	04	91	TRANSPORTATION METHOD/TYPE CODE	"U" OR "M"	O	1/2
	05	387	ROUTING	CARRIER NAME	O	1/35
	06	368	SHIPMENT ORDER/STATUS CODE	"CC" - Complete or "PR" - Partial	O	2/2
<b>REF</b>		<b>REFERENCE IDENTIFICATION</b>		<b>M</b>		
	01	128	ID CODE QUALIFIER	"BM"	M	1/12
	02	127	ID CODE	BILL OF LADING NUMBER	M	1/2
<b>DTM</b>		<b>DATE/TIME REFERENCE</b>		<b>O</b>		
	01	374	DATE / TIME QUALIFIER	010- Requested Ship	M	3/3
	02	373	DATE	"CCYYMMDD"	C	8/8
<b>N1</b>		<b>NAME</b>		<b>M</b>		
	01	98	ENTITY IDENTIFIER CODE	"ST"	M	2/3
	02	93	NAME	Free form name	O	1/60
	03	66	IDENTIFICATION CODE QUALIFIER	"92" Assigned by Seller	M	1/2
	04	67	IDENTIFICATION CODE	Bartell Store Number	M	2/80
<b>N1</b>		<b>NAME</b>		<b>M</b>		

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	01 02 03 04	98 93 66 67	ENTITY IDENTIFIER CODE NAME IDENTIFICATION CODE QUALIFIER IDENTIFICATION CODE	“SF” Free form name “92” Assigned by Seller Vendor Number	M O C C	2/3 1/60 1/2 2/80
<b>N3</b>			<b>ADDRESS INFORMATION</b>		<b>O</b>	
	01 02	166 166	ADDRESS INFORMATION ADDRESS INFORMATION	Address information Address information	M O	1/55 1/55
<b>N4</b>			<b>GEOGRAPHIC LOCATION</b>		<b>O</b>	
	01 02 03 04	19 156 116 26	CITY NAME STATE CODE ZIP CODE COUNTRY CODE	Free-form text for city name Code for Province or State Zip Code Code identifying the Country USA-United States	O O O O	2/30 2/2 3/15 2/3
<b>HL</b>			<b>HIERARCHICAL LEVEL</b>		<b>M</b>	
	01 02 03	628 734 735	HIERARCHICAL ID NUMBER HIERARCHICAL PARENT ID HIERARCHICAL LEVEL CODE	“2” HL # of Parent HL “O” - Order	M M M	1/12 1/12 1/2
<b>PRF</b>			<b>PO REFERENCE</b>		<b>M</b>	
	01 04	324 373	PO NUMBER PO DATE	PO Number “CCYYMMDD”	M O	1/22 8/8
<b>TD1</b>			<b>CARRIER DETAILS(QTY &amp; WT)</b>		<b>O</b>	
	01 02	103 80	PACKAGING CODE LADING QUANTITY	e.g “CTN76” Total Containers per Order	O M	3/5 1/7
<b>HL</b>			<b>HIERARCHICAL LEVEL</b>		<b>O</b>	
	01 02 03	628 734 735	HIERARCHICAL ID NUMBER HIERARCHICAL PARENT ID HIERARCHICAL LEVEL CODE	“3” HL # of Parent HL “P” - Order	M M M	1/12 1/12 1/2
<b>MAN</b>			<b>MARKS AND NUMBERS</b>		<b>O</b>	
	01 02	88 87	QUALIFIER MARKS AND NUMBERS	“GM” UCC128 20 Digit Code	M M	1/2 1/48
<b>HL</b>			<b>HIERARCHICAL LEVEL</b>		<b>M</b>	
	01 02 03	628 734 735	HIERARCHICAL ID NUMBER HIERARCHICAL PARENT ID HIERARCHICAL LEVEL CODE	“4” HL # of Parent HL “I” - Order	M M M	1/12 1/12 1/2
<b>LIN</b>			<b>BASELINE ITEM DATA</b>		<b>M</b>	
	<b>01</b>	<b>350</b>	<b>ASSIGNED IDENTIFICATION</b>	Line Numbering must match the PO line number for ordered item, even if “0” Quantity shipped.	<b>M</b>	1/20
	02	235	ID QUALIFIER	“UP”	M	2/2



	03 04 05	234 235 234	ID ID QUALIFIER ID	UPC Code "VC" Vendor Code	M U U	1/48 2/2 1/48
<b>SN1</b>			<b>ITEM DETAIL (SHIPMENT)</b>		<b>M</b>	
	02 03	382 355	NUMBER OF UNITS SHIPPED UNIT OF MEASURE	Item Quantity "EA"	M M	1/10 2/2
<b>SLN</b>			<b>SUBLINE ITEM DETAIL</b>		<b>O</b>	
	01 03 04 05 06	350 662 380 C001 212	ASSIGNED ID RELATIONSHIP CODE QUANTITY COMPOSITE UNIT OF MEASURE UNIT PRICE	Item Line Number "I" – Included	M M M C C	1/20 2/2 1/15  1/17
<b>PID</b>			<b>ITEM DESCRIPTION</b>		<b>O</b>	
	01 05	349 352	ITEM DESCRIPTION TYPE DESCRIPTION	"F" – Free form	M M	1/1 1/80
<b>CTT</b>			<b>TRANSACTION TOTALS</b>		<b>O</b>	
	01	35	NUMBER OF LINE ITEMS	Total number of HL's in the transaction set	M	1/6

### Example 856 – Advance Shipment Notice

```

ISA*00*      *00*      *ZZ*VENDOR      *12*2067671376      *170105*1015*U*00401*000000001*0*P*>
GS*SH*VENDOR*2067671376*20170105*1015*1*X*004010
ST*856*0001
BSN*00*12121212*20170105*1015*0001
HL*1**S
TD1*CTN25*11****G*1439*LB
TD5**2*RDWY***CC
REF*BM*22222222
DTM*011*20170105
N1*ST*BARTELL #18 Kingsgate*92*018
N1*Sf*VENDOR*92*V123456
N3*123 ANY ST.
N4*SEATTLE*WA*98101
HL*2*1*O
PRF*S18-11111***20070104
TD1*CTN25*11
HL*3*2*P
MAN*GM*00000111111111111112
HL*4*3*I
LIN*1*UP*000011111115*VC*111111
SN1**18*EA
SLN*1**1*18*EA*0.51
PID*F***PRODUCT DESCRIPTION
SE*22*0001
GE*1*1
IEA*1*000000001
    
```



SEGMENT	ELEMENT	NAME	USAGE	REQ'D	LENGTH	
AK1		<b>FUNCTIONAL GROUP RESPONSE HEADER</b>		<b>M</b>		
	01	479	FUNCTIONAL ID CODE	"SH" – ASN. ETC.	M	2/2
	02	28	GROUP CONTROL NUMBER	M	1/9	
AK2		<b>TRANSACTION SET RESPONSE HEADER</b>		<b>O</b>		
	01	143	TRANSACTION SET ID CODE	"856" ETC.	M	3/3
	02	329	DATE	Date expressed as CCYYMMDD	M	8/8
AK5		<b>NAME</b>		<b>M</b>		
	01	717	TRANSACTION ACK CODE	"A", "R", "P"	M	1/1
	02	718	SYNTAX ERROR CODE		O	1/3
	03	718	SYNTAX ERROR CODE		O	1/3
	04	718	SYNTAX ERROR CODE		O	1/3
	05	718	SYNTAX ERROR CODE		O	1/3
	06	718	SYNTAX ERROR CODE		O	1/3
AK9		<b>FUNCTIONAL GROUP RESPONSE TRAILER</b>		<b>M</b>		
	01	715	GROUP ACK CODE	"A"	M	1/1
	02	97	NUMBER OF INCL. SETS		M	1/6
	03	123	NUMBER OF RCVD SETS		M	1/6
	04	2	NUMBER OF ACCEPTED SETS		M	1/6
	05	716	SYNTAX ERROR CODE		M	1/3
	06	716	SYNTAX ERROR CODE		M	1/3
	07	716	SYNTAX ERROR CODE		M	1/3
	08	716	SYNTAX ERROR CODE		M	1/3
09	716	SYNTAX ERROR CODE		M	1/3	

### Example 997 – Functional Acknowledgement

```

ISA*00*      *00*      *12*2067671376  *12*5032888151  *170110*1312*U*00401*000142592*0*T*>
GS*FA*2067671376*5032888151*20170110*1312*142781*X*004010
ST*997*402065
AK1*SH*30413
AK2*856*139436
AK5*A
AK9*A*1*1*1
SE*6*402065
GE*1*142781
IEA*00001*000142592
    
```