

# EDI TECHNICAL GUIDE

**850 Purchase Order**

**Version 4010**

**Supplier**

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## 850 – Purchase Order

### Heading

Segment	Segment Name	Usage	Repeat	Notes
ISA	Interchange Control Header	M	1	
GS	Functional Group Header	M	1	
ST	Transaction Set Header	M	1	
BEG	Beginning Segment for Purchase Order	M	1	
PER	Administrative Communications Contact	C	1	
ITD	Terms	C	1	
TD5	Carrier Details	C	1	
	Name and Address Group	M	2	
N1	Name	C	1	
N3	Address	C	1/2	
N4	Geographic Location	C	1	

### Detail

Segment	Segment Name	Usage	Repeat	Notes
	Item Group	M	1/100000	
PO1	Item Data	M	1	
PID	Item Description	C	1/2	
DTM	Date/Time	C	1	

### Summary

Segment	Segment Name	Usage	Repeat	Notes
CTT	Transaction Totals	M	1	
AMT	Monetary Amount	C	1	
SE	Transaction Set Trailer	M	1	
GE	Functional Group Trailer	M	1	
IEA	Interchange Control Trailer	M	1	

## ISA – Interchange Control Header

Position	Tag	Name	Usage	Value	Notes
1	0I01	Authorization Information Qualifier	M	00	
2	0I02	Authorization Information	M		
3	0I03	Security Information Qualifier	M	00	
4	0I04	Security Information	M		
5	0I05	Interchange ID Qualifier	M	01	
6	0I06	Interchange Sender Id	M	085020683	Telamon
7	0I07	Interchange ID Qualifier	M		Specified by Partner
8	0I08	Interchange Receiver ID	M		Specified by Partner
9	0I09	Interchange Date	M	YYMMDD	
10	0I10	Interchange Time	M	HHMM	
11	0I65	Repetition Separator	M	U	
12	0I11	Interchange Control Version	M	00401	
13	0I12	Interchange Control Number	M		
14	0I13	Acknowledgement Requested	M	0	Not Requested
15	0I14	Usage Indicator	M	P	P – Production T - Test
16	0I15	Component Element Separator	M		

## GS – Functional Group Header

<b>Position</b>	<b>Tag</b>	<b>Name</b>	<b>Usage</b>	<b>Value</b>	<b>Notes</b>
1	0479	Functional ID Code	M	PO	Purchase Order
2	0142	Sender Code	M	085020683	Telamon
3	0124	Receiver Code	M		Specified by Partner
4	0373	Date	M	CCYYMMDD	
5	0337	Time	M	HHMM	
6	0028	Group Control Number	M		
7	0455	Responsible Agency Code	M	X	X – ANSI X12
8	0480	Version	M	004010	

### ST – Transaction Set Header

<b>Position</b>	<b>Tag</b>	<b>Name</b>	<b>Usage</b>	<b>Value</b>	<b>Notes</b>
1	0143	Transaction Set ID	M	850	
2	0329	Transaction Set Control No	M		

BEG – Beginning Segment for Purchase Order

<b>Position</b>	<b>Tag</b>	<b>Name</b>	<b>Usage</b>	<b>Value</b>	<b>Notes</b>
1	0352	Transaction Set Purpose Code	M	00	Original
2	0092	Purchase Order Type Code	M	SA	Stand Alone Order
3	0324	Purchase Order Number	M		Telamon's PO Number
5	0373	Date	C	CCYYMMDD	Telamon's PO Date

PER – Administrative Communications Contact

<b>Position</b>	<b>Tag</b>	<b>Name</b>	<b>Usage</b>	<b>Value</b>	<b>Notes</b>
1	0366	Contact Function Code	M	EX	Expeditor
2	0093	Contact Name	C		Telamon Buyer Name



ITD - Terms

<b>Position</b>	<b>Tag</b>	<b>Name</b>	<b>Usage</b>	<b>Value</b>	<b>Notes</b>
1	0336	Terms Type Code	C	01	Basic
2	0333	Terms Basis Date Code	C	3	Invoice Date
7	0386	Terms Net Days	C		

## TD5 – Carrier Details

<b>Position</b>	<b>Tag</b>	<b>Name</b>	<b>Usage</b>	<b>Value</b>	<b>Notes</b>
1	0133	Routing Sequence Code	C	B	Origin Carrier
5	0387	Transportation Method	C		

N1 - Name

<b>Position</b>	<b>Tag</b>	<b>Name</b>	<b>Usage</b>	<b>Value</b>	<b>Notes</b>
1	0098	Entity ID Code	M	BT ST	Bill-To Ship-To
2	0093	Name	C		

### N3 - Address

<b>Position</b>	<b>Tag</b>	<b>Name</b>	<b>Usage</b>	<b>Value</b>	<b>Notes</b>
1	0166	Address	M		
2	0166	Address	C		

#### N4 – Geographic Location

<b>Position</b>	<b>Tag</b>	<b>Name</b>	<b>Usage</b>	<b>Value</b>	<b>Notes</b>
1	0019	City	C		
2	0156	State	C		
3	0116	Postal Code	C		

PO1 – Item Data

<b>Position</b>	<b>Tag</b>	<b>Name</b>	<b>Usage</b>	<b>Value</b>	<b>Notes</b>
1	0350	Assigned ID	C		Telamon's PO Line No
2	0330	Quantity Ordered	C		
3	0355	Unit of Measure	C		
4	0212	Unit Price	C		
5	0639	Basis of Unit Price	C		
6	0235	Product ID Qualifier	C	IN	Item No
7	0234	Product ID	C		Telamon's Item No
8	0235	Product ID Qualifier	C	VN	Vendor Item No
9	0234	Product ID	C		Vendor's Item No if available. If not available will contain Telamon's Item No

## PID – Item Description

<b>Position</b>	<b>Tag</b>	<b>Name</b>	<b>Usage</b>	<b>Value</b>	<b>Notes</b>
1	0349	Item Description Type	M	F	Free Form
5	0352	Description	C		Item Description

## DTM – Date / Time

<b>Position</b>	<b>Tag</b>	<b>Name</b>	<b>Usage</b>	<b>Value</b>	<b>Notes</b>
1	0374	Date/Time Qualifier	M	106	Required By
2	0373	Date	C	CCYYMMDD	Required By Date



CTT – Transaction Totals

<b>Position</b>	<b>Tag</b>	<b>Name</b>	<b>Usage</b>	<b>Value</b>	<b>Notes</b>
1	0354	Number of Line Items	M		Number of PO1 Segments

AMT – Monetary Amount

<b>Position</b>	<b>Tag</b>	<b>Name</b>	<b>Usage</b>	<b>Value</b>	<b>Notes</b>
1	0522	Amount Qualifier Code	M	TT	Total Transaction Amount
2	0782	Monetary Amount	M		Total Dollar Amount of Order

## SE – Transaction Set Trailer

<b>Position</b>	<b>Tag</b>	<b>Name</b>	<b>Usage</b>	<b>Value</b>	<b>Notes</b>
1	0096	Number of Included Segments	M		
2	0329	Transaction Set Control Number	M		Matches the ST02

## GE – Functional Group Trailer

<b>Position</b>	<b>Tag</b>	<b>Name</b>	<b>Usage</b>	<b>Value</b>	<b>Notes</b>
1	0097	Number of Transactions Included	M		
2	0028	Group Control Number	M		Matches the GS06

## IEA – Interchange Control Trailer

<b>Position</b>	<b>Tag</b>	<b>Name</b>	<b>Usage</b>	<b>Value</b>	<b>Notes</b>
1	0I16	Number of Included Functional Groups	M		
2	0I12	Interchange Control Number	M		Matches the ISA13

## 850 Transaction Example

ISA~00~ ~00~ ~01~085020683 ~ZZ~123456789 ~180122~0850~U~00401~000000544~0~P~@\*  
GS~PO~085020683~123456789~20180122~0850~354~X~004010\*  
ST~850~0354\*  
BEG~00~SA~689428~~20180122\*  
PER~EX~George Patterson\*  
ITD~01~3~~~~60\*  
TD5~B~~~~Per Routing Guide\*  
N1~BT~TELAMON TECHNOLOGIES\*  
N3~1000 E. 116th Street\*  
N4~CARMEL~IN~46032\*  
N1~ST~Telamon Whitestown L\*  
N3~4656 Anson Boulevard\*  
N4~Whitestown~IN~46075\*  
PO1~1~5~EA~9.99~PE~IN~TEPCALB3-19PW~VN~TEPCALB3-19PW\*  
PID~F~~~~PANEL 1 RU FOR ALARM PIN FIELD 19"\*  
DTM~106~20180124\*  
PO1~2~25~EA~9.99~PE~IN~HN144SS~VN~HN144SS\*  
PID~F~~~~1/4 -20, Hex Nuts (Stainless steel)\*  
DTM~106~20180124\*  
CTT~2\*  
AMT~TT~299.70\*  
SE~20~0354\*  
GE~1~354\*  
IEA~1~000000544\*