

Walkthrough guide

Generating purchase orders with lot numbers for consignment

This guide describes how to correctly populate an X12 850 Purchase Order when submitting a consignment order to Cook Medical. It covers three requirements:

1. **Identifying the transaction** as a consignment order in the header
2. **Including the lot number** for the item being billed via PO1 segment or REF segment
3. **Specifying the bill type** as Bill Only or Bill and Replace

All three pieces of information must be present for Cook Medical to process the order correctly. Missing or incorrect values may result in processing delays or order rejection.

1. Identifying the transaction as a consignment order

The BEG segment at the transaction header identifies the order type. **For a consignment order, element BEG02 must be set to CN.** The other BEG segments you will need are explained below.

Element	Name	Value	Meaning
BEG01	Transaction purpose	00	Original order
BEG02	Order type	CN	Consignment – required for consignment orders
BEG03	PO number	<PO number>	Purchase order number as assigned by the buyer
BEG05	PO date	YYYYMMDD	Date the purchase order was issued

Example

```
BEG^00^CN^381035-415^^20260610~
```

In the example above, **BEG02 = CN** identifies this as a consignment order. **BEG03 = 381035-415** is the buyer's PO number.

2. Including the Lot Number

There are two ways to include the lot number in an 850 consignment order. **Cook Medical's preferred method is Method A (PO1 segment).** Method B (REF segment) is also accepted for trading partners whose systems cannot populate the PO1 qualifier pairs.

Method A: PO1 Segment

This is the preferred method. **Include the lot number as a qualifier/value pair directly within the PO1 line item segment, using the LT qualifier.** The LT qualifier (Lot Number) is placed in an even-numbered product ID qualifier element (PO106, PO108, PO110, etc.) alongside the other product identifiers for that line.

Element	Name	Value	Meaning
PO1xx	Product/service ID qualifier	LT	Lot number qualifier
PO1xx+1	Product/service ID	<lot number>	The actual lot number for the item

Example – lot number in PO1 segment

```
PO1^1^1^EA^1769.99^^VC^G38488^IN^169101^LT^C2101271^MG^G38488~
```

In the example above: **LT^C2101271** carries lot number C2101271 within the PO1 segment.

Method B: REF Segment

This method is accepted as an alternative, but Method A is preferred. If your system cannot send the lot number within the PO1 segment, **it may be sent in a standalone REF (Reference Identification) segment placed immediately after the PO1 segment for that line item, using the LT qualifier.**

Element	Name	Value	Meaning
REF01	Reference identification qualifier	LT	Lot number qualifier
REF02	Reference identification	<lot number>	The actual lot number for the item

Example – lot number in REF segment

```
PO1^1^1^EA^1769.99^^VC^G38488^IN^169101^MG^G38488~
REF^LT^C2101271~
```

The **REF^LT^C2101271** segment follows the PO1 it belongs to. The qualifier LT identifies the value as a lot number.

Note: **the REF*LT segment must follow the PO1 segment for the specific line it relates to.** If an order has multiple lines, each line with a lot number requires its own REF*LT segment placed within the corresponding PO1 loop.

3. Specifying the Bill Type

The bill type tells Cook Medical what action is required when billing from consignment stock. **It is sent at the line item level in the PO1 segment using the ZZ qualifier (mutually defined), with one of the two values below.**

Value	Name	Description
BO	Bill Only	Product has been used from consignment stock. Cook Medical is being billed for that usage. No replacement stock is requested.
BR	Bill and Replace	Product has been used from consignment stock. Cook Medical is being billed and replacement stock is also requested.

PO1 qualifier pair for bill type

The bill type is carried as a qualifier/value pair within the PO1 segment. **The qualifier ZZ is placed in an even-numbered element (PO106, PO108, PO110, etc.) and the value in the immediately following element.**

Element	Name	Value	Meaning
PO1xx	Product/service ID qualifier	ZZ	Mutually defined – indicates bill type follows
PO1xx+1	Product/service ID	BO or BR	Bill Only or Bill and Replace

Example – Bill Only (BO)

```
PO1^1^1^EA^1769.99^^VC^G38488^IN^169101^LT^C2101271^MG^G38488^ZZ^BO~
```

Example – Bill and Replace (BR)

```
PO1^1^1^EA^1769.99^^VC^G38488^IN^169101^LT^C2101271^MG^G38488^ZZ^BR~
```

Note: The ZZ qualifier pair can be placed after any existing qualifier pairs in the PO1 segment. The examples above show it appended at the end. The position within the PO1 segment is flexible, but the qualifier (ZZ) must always immediately precede its value (BO or BR).

Complete PO1 Segment Example

The following example shows a fully populated PO1 segment containing all three elements: standard product identifiers, the lot number (LT), and the bill type (ZZ).

The example below is based on a real transaction received by Cook Medical. The element separator is ^ (caret) and the segment terminator is ~ (tilde). Your transmission may use different separators – refer to the ISA segment of your interchange for the actual values.

Example

```
PO1^1^1^EA^1769.99^^VC^G38488^IN^169101^LT^C2101271^MG^G38488^ZZ^BO~
```

Position	Element	Value	Meaning
PO101	Line number	1	Line sequence number
PO102	Quantity ordered	1	Quantity being billed
PO103	Unit of measure	EA	Each
PO104	Unit price	1769.99	Unit price
PO105	Basis of unit price	(empty)	Not required – left blank
PO106/107	VC G38488	Vendor catalogue number	Cook Medical product number
PO108/109	IN 169101	Buyer's item number	Buyer's internal product code
PO110/111	LT C2101271	Lot number	Lot number of the item being billed
PO112/113	MG G38488	Manufacturer's part number	Manufacturer part number
PO114/115	ZZ BO	Bill type (mutually defined)	BO = Bill Only BR = Bill and Replace

Summary Checklist

Before transmitting a consignment 850 to Cook Medical, verify the following:

Requirement	Segment / Element	Expected value
☐ Order type is set to consignment	BEG02	CN
☐ Lot number is present on each applicable line	PO1 qualifier LT	Lot number string
☐ Bill type is present on each applicable line	PO1 qualifier ZZ	BO or BR

Questions and Contact

If you have questions about this guide or need assistance testing your implementation, please contact your Cook Medical EDI representative.