

# **Oshkosh 860 Purchase Order Change Request - Buyer Initiated**

**AIAG X12/V4010/860: 860 Purchase Order Change Request - Buyer Initiated**

**Version: 1.0 Final**

**Company: Oshkosh Corporation**  
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# 860 Purchase Order Change Request - Buyer Initiated

Functional Group=**PC**

**Purpose:** This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Change Request - Buyer Initiated Transaction Set (860) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the information required for the customary and established business and industry practice relative to a purchase order change. This transaction can be used: (1) by a buyer to request a change to a previously submitted purchase order or (2) by a buyer to confirm acceptance of a purchase order change initiated by the seller or by mutual agreement of the two parties.

## Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	BCH	Beginning Segment for Purchase Order Change	M	1			Must use
060	PER	Administrative Communications Contact	O	3			Used
<b>LOOP ID - N9</b>					<b>1000</b>		
285	N9	Reference Identification	O	1			Used
287	DTM	Date/Time Reference	O	>1			Used
290	MSG	Message Text	O	1000			Used
<b>LOOP ID - N1</b>					<b>200</b>		
300	N1	Name	O	1			Used
310	N2	Additional Name Information	O	2			Used
320	N3	Address Information	O	2			Used
330	N4	Geographic Location	O	>1			Used

## Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b>LOOP ID - POC</b>					<b>≥1</b>		
010	POC	Line Item Change	O	1			Used
090	PO4	Item Physical Details	O	>1			Used
100	REF	Reference Identification	O	>1			Used
292	MSG	Message Text	O	>1			Used
<b>LOOP ID - SCH</b>					<b>200</b>		
295	SCH	Line Item Schedule	O	1			Used
305	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Used
<b>LOOP ID - N9</b>					<b>1000</b>		
320	N9	Reference Identification	O	1			Used
330	MSG	Message Text	O	1000			Used
<b>LOOP ID - N1</b>					<b>200</b>		
340	N1	Name	O	1			Used
350	N2	Additional Name	O	2			Used

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
		Information					
360	N3	Address Information	O	2			Used
370	N4	Geographic Location	O	1			Used

**Summary:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b><u>LOOP ID - CTT</u></b>					<b><u>1</u></b>	<b><u>N3/010L</u></b>	
010	CTT	Transaction Totals	O	1		N3/010	Used
030	SE	Transaction Set Trailer	M	1			Must use

**Notes:**

- 3/010L Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.
- 3/010 Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.

# ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

**Purpose:** To indicate the start of a transaction set and to assign a control number

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use

**Description:** Code uniquely identifying a Transaction Set

**CodeList Summary** (Total Codes: 298, Included: 1)

**Code Name**

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ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
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**Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

# BCH Beginning Segment for Purchase Order Change

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 16

**User Option (Usage):** Must use

**Purpose:** To indicate the beginning of the Purchase Order Change Transaction Set and transmit identifying numbers and dates

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BCH01	353	<b>Transaction Set Purpose Code</b>	M	ID	2/2	Must use
<b>Description:</b> Code identifying purpose of transaction set						
<b>CodeList Summary</b> (Total Codes: 65, Included: 5)						
<b>Code Name</b>						
00 Original						
01 Cancellation						
04 Change						
05 Replace						
06 Confirmation						
BCH02	92	<b>Purchase Order Type Code</b>	M	ID	2/2	Must use
<b>Description:</b> Code specifying the type of Purchase Order						
<b>CodeList Summary</b> (Total Codes: 69, Included: 11)						
<b>Code Name</b>						
BE Blanket Order/Estimated Quantities (Not firm Commitment)						
BK Blanket Order (Quantity Firm)						
CF Confirmation						
CP Change to Purchase Order						
DS Dropship						
OS Special Order						
RL Release or Delivery Order						
RO Rush Order						
SA Stand-alone Order						
SP Sample						
UE Unit Exchange						
BCH03	324	<b>Purchase Order Number</b>	M	AN	1/22	Must use
<b>Description:</b> Identifying number for Purchase Order assigned by the orderer/purchaser						
<b>User Note 1:</b> For a blanket PO, this will contain the blanket PO number For a Spot Buy PO, this will contain the complete PO/Release Number						
BCH04	328	<b>Release Number</b>	O	AN	1/30	Used
<b>Description:</b> Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction						
<b>User Note 1:</b> For a Blanket PO, this will contain the Release number						
BCH05	327	<b>Change Order Sequence Number</b>	M	AN	1/8	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Description:</b> Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set				
BCH06	373	<b>Date</b>	M	DT	8/8	Must use
		<b>Description:</b> Date expressed as CCYYMMDD				

# PER Administrative Communications Contact

Pos: 060	Max: 3
Heading - Optional	
Loop: N/A	Elements: 9

User Option (Usage): Used

Purpose: To identify a person or office to whom administrative communications should be directed

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PER01	366	Contact Function Code	M	ID	2/2	Must use
		<b>Description:</b> Code identifying the major duty or responsibility of the person or group named All valid standard codes are used. (Total Codes: 230)				
PER02	93	Name	O	AN	1/60	Used
		<b>Description:</b> Free-form name				
PER03	365	Communication Number Qualifier	X	ID	2/2	Used
		<b>Description:</b> Code identifying the type of communication number				
		<b>CodeList Summary</b> (Total Codes: 40, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		EM	Electronic Mail			
PER04	364	Communication Number	X	AN	1/80	Used
		<b>Description:</b> Complete communications number including country or area code when applicable				
PER05	365	Communication Number Qualifier	X	ID	2/2	Used
		<b>Description:</b> Code identifying the type of communication number				
		<b>CodeList Summary</b> (Total Codes: 40, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		TE	Telephone			
PER06	364	Communication Number	X	AN	1/80	Used
		<b>Description:</b> Complete communications number including country or area code when applicable				



# N9 Reference Identification

Pos: 285	Max: 1
Heading - Optional	
Loop: N9	Elements: 7

**User Option (Usage):** Used

**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	<b>Reference Identification Qualifier</b>	M	ID	2/3	Must use
		<b>Description:</b> Code qualifying the Reference Identification <b>All valid standard codes are used. (Total Codes: 1503)</b>				
N902	127	<b>Reference Identification</b>	X	AN	1/30	Used
		<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
N903	369	<b>Free-form Description</b>	X	AN	1/45	Used
		<b>Description:</b> Free-form descriptive text				
N904	373	<b>Date</b>	O	DT	8/8	Used
		<b>Description:</b> Date expressed as CCYYMMDD				
N905	337	<b>Time</b>	X	TM	4/8	Used
		<b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
N906	623	<b>Time Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow <b>All valid standard codes are used. (Total Codes: 51)</b>				
N907	C040	<b>Reference Identifier</b>	O	Comp		Used
		<b>Description:</b> To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier				
N907-01	128	<b>Reference Identification Qualifier</b>	M	ID	2/3	Must use
		<b>Description:</b> Code qualifying the Reference Identification <b>All valid standard codes are used. (Total Codes: 1503)</b>				
N907-02	127	<b>Reference Identification</b>	M	AN	1/30	Must use
		<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
N907-03	128	<b>Reference Identification Qualifier</b>	X	ID	2/3	Used
		<b>Description:</b> Code qualifying the Reference Identification <b>All valid standard codes are used. (Total Codes: 1503)</b>				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N907-04	127	<b>Reference Identification</b>	X	AN	1/30	Used
		<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
N907-05	128	<b>Reference Identification Qualifier</b>	X	ID	2/3	Used
		<b>Description:</b> Code qualifying the Reference Identification				
		<b>All valid standard codes are used. (Total Codes: 1503)</b>				
N907-06	127	<b>Reference Identification</b>	X	AN	1/30	Used
		<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

# DTM Date/Time Reference

Pos: 287	Max: >1
Heading - Optional	
Loop: N9	Elements: 6

**User Option (Usage):** Used

**Purpose:** To specify pertinent dates and times

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	<b>Date/Time Qualifier</b>	M	ID	3/3	Must use
		<b>Description:</b> Code specifying type of date or time, or both date and time <b>All valid standard codes are used. (Total Codes: 1112)</b>				
DTM02	373	<b>Date</b>	X	DT	8/8	Used
		<b>Description:</b> Date expressed as CCYYMMDD				
DTM03	337	<b>Time</b>	X	TM	4/8	Used
		<b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
DTM04	623	<b>Time Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow <b>All valid standard codes are used. (Total Codes: 51)</b>				
DTM05	1250	<b>Date Time Period Format Qualifier</b>	X	ID	2/3	Used
		<b>Description:</b> Code indicating the date format, time format, or date and time format <b>All valid standard codes are used. (Total Codes: 39)</b>				
DTM06	1251	<b>Date Time Period</b>	X	AN	1/35	Used
		<b>Description:</b> Expression of a date, a time, or range of dates, times or dates and times				

# MSG Message Text

Pos: 290	Max: 1000
Heading - Optional	
Loop: N9	Elements: 3

**User Option (Usage):** Used

**Purpose:** To provide a free-form format that allows the transmission of text information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MSG01	933	<b>Free-Form Message Text</b>	M	AN	1/264	Must use
		<b>Description:</b> Free-form message text				
MSG02	934	<b>Printer Carriage Control Code</b>	X	ID	2/2	Used
		<b>Description:</b> A field to be used for the control of the line feed of the receiving printer				
		<b>All valid standard codes are used. (Total Codes: 7)</b>				
MSG03	1470	<b>Number</b>	O	N0	1/9	Used
		<b>Description:</b> A generic number				

# N1 Name

Pos: 300	Max: 1
Heading - Optional	
Loop: N1	Elements: 6

**User Option (Usage):** Used

**Purpose:** To identify a party by type of organization, name, and code

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use

**Description:** Code identifying an organizational entity, a physical location, property or an individual

**CodeList Summary** (Total Codes: 1312, Included: 10)

**Code Name**

- BT Bill-to-Party
- BY Buying Party (Purchaser)
- MA Party for whom Item is Ultimately Intended
- MI Planning Schedule/Material Release Issuer
- RE Party to receive commercial invoice remittance
- SE Selling Party
- SF Ship From
- SP Party filling Shipper's Order
- ST Ship To
- SU Supplier/Manufacturer

N102	93	Name	X	AN	1/60	Used
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**Description:** Free-form name

N103	66	Identification Code Qualifier	X	ID	1/2	Used
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**Description:** Code designating the system/method of code structure used for Identification Code (67)

**User Note 1:** AIAG Recommends use of the DUNS Number, however, if no DUNS Number exists, or is unavailable, use code "92".

**CodeList Summary** (Total Codes: 215, Included: 3)

**Code Name**

- 1 D-U-N-S Number, Dun & Bradstreet
- 92 Assigned by Buyer or Buyer's Agent
- ZZ Mutually Defined

N104	67	Identification Code	X	AN	2/80	Used
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**Description:** Code identifying a party or other code

# N2 Additional Name Information

Pos: 310	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify additional names or those longer than 35 characters in length

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N201	93	<b>Name</b>	M	AN	1/60	Must use
		<b>Description:</b> Free-form name				
N202	93	<b>Name</b>	O	AN	1/60	Used
		<b>Description:</b> Free-form name				

# N3 Address Information

Pos: 320	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify the location of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	<b>Address Information</b>	M	AN	1/55	Must use
		<b>Description:</b> Address information				
N302	166	<b>Address Information</b>	O	AN	1/55	Used
		<b>Description:</b> Address information				

# N4 Geographic Location

Pos: 330	Max: >1
Heading - Optional	
Loop: N1	Elements: 6

**User Option (Usage):** Used

**Purpose:** To specify the geographic place of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	<b>City Name</b>	O	AN	2/30	Used
		<b>Description:</b> Free-form text for city name				
N402	156	<b>State or Province Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency				
N403	116	<b>Postal Code</b>	O	ID	3/15	Used
		<b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	<b>Country Code</b>	O	ID	2/3	Used
		<b>Description:</b> Code identifying the country				
N405	309	<b>Location Qualifier</b>	X	ID	1/2	Used
		<b>Description:</b> Code identifying type of location				
		<b>All valid standard codes are used. (Total Codes: 172)</b>				
N406	310	<b>Location Identifier</b>	O	AN	1/30	Used
		<b>Description:</b> Code which identifies a specific location				



# POC Line Item Change

Pos: 010	Max: 1
Detail - Optional	
Loop: POC	Elements: 15

**User Option (Usage):** Used

**Purpose:** To specify changes to a line item

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
POC01	350	<b>Assigned Identification</b>	M	AN	1/20	Used

**Description:** Alphanumeric characters assigned for differentiation within a transaction set

**User Note 1:** Oshkosh will always send the PO Line number in this element.

POC02	670	<b>Change or Response Type Code</b>	M	ID	2/2	Must use
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**Description:** Code specifying the type of change to the line item

**CodeList Summary** (Total Codes: 29, Included: 10)

**Code Name**

- AI Add Additional Item(s)
- CA Changes To Line Items
- DI Delete Item(s)
- MU (Multiple) For Unit Price Quantity Reschedule Change
- NC Concurrent Item (No Change)
- PC Price Change
- PQ Unit Price/Quantity Change
- QD Quantity Decrease
- QI Quantity Increase
- RS Reschedule

POC03	330	<b>Quantity Ordered</b>	O	R	1/15	Used
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**Description:** Quantity ordered

**User Note 1:** Quantity may equal zero

POC04	671	<b>Quantity Left to Receive</b>	X	R	1/9	Used
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**Description:** Quantity left to receive as qualified by the unit of measure

POC05	C001	<b>Composite Unit of Measure</b>	X	Comp		Used
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**Description:** To identify a composite unit of measure(See Figures Appendix for examples of use)

POC05-01	355	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	Must use
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**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

**All valid standard codes are used. (Total Codes: 794)**

POC06	212	<b>Unit Price</b>	X	R	1/17	Used
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**Description:** Price per unit of product, service, commodity, etc.

POC07	639	<b>Basis of Unit Price Code</b>	O	ID	2/2	Used
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**Description:** Code identifying the type of unit price for an item

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
<b>CodeList Summary</b> (Total Codes: 91, Included: 9)						
<b>Code Name</b>						
AP Advise Price						
CP Current Price (Subject to Change)						
CT Contract						
NC No Charge						
NE Not to Exceed						
NQ No Quote						
TC Contract Price per Hundred						
TE Contract Price per Each						
TM Contract Price per Thousand						
POC08	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
<b>CodeList Summary</b> (Total Codes: 477, Included: 6)						
<b>Code Name</b>						
BP Buyer's Part Number						
CL Color						
DR Drawing Revision Number						
DV Location Code						
PT Print or Drawing						
VP Vendor's (Seller's) Part Number						
POC09	234	<b>Product/Service ID</b>	X	AN	1/48	Used
<b>Description:</b> Identifying number for a product or service						
<b>User Note 1:</b> POC10 through POC27 provide for 9 additional pairs of data elements 235 and 234 used in the same manner as POC08 and POC09						
POC10	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
<b>All valid standard codes are used. (Total Codes: 477)</b>						
POC11	234	<b>Product/Service ID</b>	X	AN	1/48	Used
<b>Description:</b> Identifying number for a product or service						
POC12	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
<b>All valid standard codes are used. (Total Codes: 477)</b>						
POC13	234	<b>Product/Service ID</b>	X	AN	1/48	Used
<b>Description:</b> Identifying number for a product or service						
POC14	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>All valid standard codes are used. (Total Codes: 477)</b>				
POC15	234	<b>Product/Service ID</b>	X	AN	1/48	Used
		<b>Description:</b> Identifying number for a product or service				

# PO4 Item Physical Details

Pos: 090	Max: >1
Detail - Optional	
Loop: POC	Elements: 1

**User Option (Usage):** Used

**Purpose:** To specify the physical qualities, packaging, weights, and dimensions relating to the item

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO401	356	Pack	O	N0	1/6	Used

**Description:** The number of inner containers, or number of eaches if there are no inner containers, per outer container

# REF Reference Identification

Pos: 100	Max: >1
Detail - Optional	
Loop: POC	Elements: 4

**User Option (Usage):** Used

**Purpose:** To specify identifying information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use

**Description:** Code qualifying the Reference Identification

**CodeList Summary** (Total Codes: 1503, Included: 1)

Code Name

RS Returnable Container Serial Number

REF02	127	Reference Identification	X	AN	1/30	Used
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**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

REF03	352	Description	X	AN	1/80	Used
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**Description:** A free-form description to clarify the related data elements and their content

REF04	C040	Reference Identifier	O	Comp		Used
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**Description:** To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

REF04-01	128	Reference Identification Qualifier	M	ID	2/3	Must use
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**Description:** Code qualifying the Reference Identification

**CodeList Summary** (Total Codes: 1503, Included: 1)

Code Name

ZZ Mutually Defined

REF04-02	127	Reference Identification	M	AN	1/30	Must use
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**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

# MSG Message Text

Pos: 292	Max: >1
Detail - Optional	
Loop: POC	Elements: 3

**User Option (Usage):** Used

**Purpose:** To provide a free-form format that allows the transmission of text information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MSG01	933	<b>Free-Form Message Text</b>	M	AN	1/264	Must use
		<b>Description:</b> Free-form message text				
MSG02	934	<b>Printer Carriage Control Code</b>	X	ID	2/2	Used
		<b>Description:</b> A field to be used for the control of the line feed of the receiving printer				
		<b>All valid standard codes are used. (Total Codes: 7)</b>				
MSG03	1470	<b>Number</b>	O	N0	1/9	Used
		<b>Description:</b> A generic number				

# SCH Line Item Schedule

Pos: 295	Max: 1
Detail - Optional	
Loop: SCH	Elements: 12

**User Option (Usage):** Used

**Purpose:** To specify the data for scheduling a specific line-item

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SCH01	380	<b>Quantity</b>	M	R	1/15	Must use
		<b>Description:</b> Numeric value of quantity				
SCH02	355	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	Must use
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<b>All valid standard codes are used. (Total Codes: 794)</b>				
SCH03	98	<b>Entity Identifier Code</b>	O	ID	2/3	Used
		<b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual				
		<b>CodeList Summary</b> (Total Codes: 1312, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		ST	Ship To			
SCH04	93	<b>Name</b>	X	AN	1/60	Used
		<b>Description:</b> Free-form name				
SCH05	374	<b>Date/Time Qualifier</b>	M	ID	3/3	Must use
		<b>Description:</b> Code specifying type of date or time, or both date and time				
		<b>CodeList Summary</b> (Total Codes: 1112, Included: 2)				
		<u>Code</u>	<u>Name</u>			
		002	Delivery Requested			
		106	Required By			
SCH06	373	<b>Date</b>	M	DT	8/8	Must use
		<b>Description:</b> Date expressed as CCYYMMDD				
SCH07	337	<b>Time</b>	O	TM	4/8	Used
		<b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
SCH08	374	<b>Date/Time Qualifier</b>	X	ID	3/3	Used
		<b>Description:</b> Code specifying type of date or time, or both date and time				
		<b>All valid standard codes are used. (Total Codes: 1112)</b>				
SCH09	373	<b>Date</b>	X	DT	8/8	Used
		<b>Description:</b> Date expressed as CCYYMMDD				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SCH10	337	<b>Time</b>	X	TM	4/8	Used
		<b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
SCH11	326	<b>Request Reference Number</b>	O	AN	1/45	Used
		<b>Description:</b> Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)				
SCH12	350	<b>Assigned Identification</b>	M	AN	1/20	Used
		<b>Description:</b> Alphanumeric characters assigned for differentiation within a transaction set				
		<b>User Note 1:</b> Oshkosh will always require the Item Line number in this element.				



# TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 305	Max: 12
Detail - Optional	
Loop: SCH	Elements: 4

User Option (Usage): Used

Purpose: To specify the carrier and sequence of routing and provide transit time information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD502	66	Identification Code Qualifier	X	ID	1/2	Used

**Description:** Code designating the system/method of code structure used for Identification Code (67)

**All valid standard codes are used. (Total Codes: 215)**

TD503	67	Identification Code	X	AN	2/80	Used
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**Description:** Code identifying a party or other code

TD510	732	Transit Time Direction Qualifier	O	ID	2/2	Used
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**Description:** Code specifying the value of time used to measure the transit time

**CodeList Summary** (Total Codes: 10, Included: 2)

**Code Name**

WD Working Days (Excludes weekends and holidays)

ZZ Mutually Defined

TD511	733	Transit Time	X	R	1/4	Used
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**Description:** The numeric amount of transit time

# N9 Reference Identification

Pos: 320	Max: 1
Detail - Optional	
Loop: N9	Elements: 7

**User Option (Usage):** Used

**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	<b>Reference Identification Qualifier</b>	M	ID	2/3	Must use
		<b>Description:</b> Code qualifying the Reference Identification <b>All valid standard codes are used. (Total Codes: 1503)</b>				
N902	127	<b>Reference Identification</b>	X	AN	1/30	Used
		<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
N903	369	<b>Free-form Description</b>	X	AN	1/45	Used
		<b>Description:</b> Free-form descriptive text				
N904	373	<b>Date</b>	O	DT	8/8	Used
		<b>Description:</b> Date expressed as CCYYMMDD				
N905	337	<b>Time</b>	X	TM	4/8	Used
		<b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
N906	623	<b>Time Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow <b>All valid standard codes are used. (Total Codes: 51)</b>				
N907	C040	<b>Reference Identifier</b>	O	Comp		Used
		<b>Description:</b> To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier				
N907-01	128	<b>Reference Identification Qualifier</b>	M	ID	2/3	Must use
		<b>Description:</b> Code qualifying the Reference Identification <b>All valid standard codes are used. (Total Codes: 1503)</b>				
N907-02	127	<b>Reference Identification</b>	M	AN	1/30	Must use
		<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
N907-03	128	<b>Reference Identification Qualifier</b>	X	ID	2/3	Used
		<b>Description:</b> Code qualifying the Reference Identification <b>All valid standard codes are used. (Total Codes: 1503)</b>				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N907-04	127	<b>Reference Identification</b>	X	AN	1/30	Used
		<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
N907-05	128	<b>Reference Identification Qualifier</b>	X	ID	2/3	Used
		<b>Description:</b> Code qualifying the Reference Identification <b>All valid standard codes are used. (Total Codes: 1503)</b>				
N907-06	127	<b>Reference Identification</b>	X	AN	1/30	Used
		<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

# MSG Message Text

Pos: 330	Max: 1000
Detail - Optional	
Loop: N9	Elements: 3

**User Option (Usage):** Used

**Purpose:** To provide a free-form format that allows the transmission of text information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MSG01	933	<b>Free-Form Message Text</b>	M	AN	1/264	Must use
		<b>Description:</b> Free-form message text				
MSG02	934	<b>Printer Carriage Control Code</b>	X	ID	2/2	Used
		<b>Description:</b> A field to be used for the control of the line feed of the receiving printer				
		<b>All valid standard codes are used. (Total Codes: 7)</b>				
MSG03	1470	<b>Number</b>	O	N0	1/9	Used
		<b>Description:</b> A generic number				

# N1 Name

<b>Pos: 340</b>	<b>Max: 1</b>
<b>Detail - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 6</b>

**User Option (Usage):** Used

**Purpose:** To identify a party by type of organization, name, and code

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	<b>Entity Identifier Code</b>	M	ID	2/3	Must use

**Description:** Code identifying an organizational entity, a physical location, property or an individual

**CodeList Summary** (Total Codes: 1312, Included: 8)

**Code Name**

- 16 Plant
- BT Bill-to-Party
- BY Buying Party (Purchaser)
- MA Party for whom Item is Ultimately Intended
- SE Selling Party
- SF Ship From
- ST Ship To
- SU Supplier/Manufacturer

N102	93	<b>Name</b>	X	AN	1/60	Used
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**Description:** Free-form name

N103	66	<b>Identification Code Qualifier</b>	X	ID	1/2	Used
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**Description:** Code designating the system/method of code structure used for Identification Code (67)

**All valid standard codes are used. (Total Codes: 215)**

N104	67	<b>Identification Code</b>	X	AN	2/80	Used
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**Description:** Code identifying a party or other code

N105	706	<b>Entity Relationship Code</b>	O	ID	2/2	Used
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**Description:** Code describing entity relationship

**All valid standard codes are used. (Total Codes: 96)**

N106	98	<b>Entity Identifier Code</b>	O	ID	2/3	Used
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**Description:** Code identifying an organizational entity, a physical location, property or an individual

**All valid standard codes are used. (Total Codes: 1312)**

# N2 Additional Name Information

Pos: 350	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify additional names or those longer than 35 characters in length

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N201	93	<b>Name</b>	M	AN	1/60	Must use
		<b>Description:</b> Free-form name				
N202	93	<b>Name</b>	O	AN	1/60	Used
		<b>Description:</b> Free-form name				

# N3 Address Information

Pos: 360	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify the location of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	<b>Address Information</b>	M	AN	1/55	Must use
		<b>Description:</b> Address information				
N302	166	<b>Address Information</b>	O	AN	1/55	Used
		<b>Description:</b> Address information				

# N4 Geographic Location

Pos: 370	Max: 1
Detail - Optional	
Loop: N1	Elements: 6

**User Option (Usage):** Used

**Purpose:** To specify the geographic place of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	<b>City Name</b>	O	AN	2/30	Used
		<b>Description:</b> Free-form text for city name				
N402	156	<b>State or Province Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency				
N403	116	<b>Postal Code</b>	O	ID	3/15	Used
		<b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	<b>Country Code</b>	O	ID	2/3	Used
		<b>Description:</b> Code identifying the country				
N405	309	<b>Location Qualifier</b>	X	ID	1/2	Used
		<b>Description:</b> Code identifying type of location				
		<b>All valid standard codes are used. (Total Codes: 172)</b>				
N406	310	<b>Location Identifier</b>	O	AN	1/30	Used
		<b>Description:</b> Code which identifies a specific location				



# CTT Transaction Totals

Pos: 010	Max: 1
Summary - Optional	
Loop: CTT	Elements: 7

**User Option (Usage):** Used

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items	M	NO	1/6	Must use

**Description:** Total number of line items in the transaction set

# SE Transaction Set Trailer

Pos: 030	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

**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)

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	<b>Number of Included Segments</b>	M	N0	1/10	Must use
		<b>Description:</b> Total number of segments included in a transaction set including ST and SE segments				
SE02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
		<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				